Versicherungsbarwerte für Leibrenten

Tabellen zur jährlich und monatlich vorschüssigen Zahlungsweise

2009/2011

Erläuterungen zu den Kommutationszahlen und Versicherungsbarwerten für Leibrenten 2009/2011

1 Einführung

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

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

Zu beachten ist, dass die hier veröffentlichten Versicherungsbarwerte auf den gegenwärtigen Sterblichkeitsverhältnissen der Sterbetafel 2009/2011 basieren und eine mögliche Veränderung der Lebenserwartung in den kommenden Jahren dabei nicht berücksichtigt wird.

Es gilt:

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

l_x Überlebende im Alter x (Absterbeordnung)

i   Zinsfuß

ω höchstes in der Sterbetafel von den Überlebenden erreichbares Alter $(l_\omega > 0,\ l_{\omega+1} = 0)$ (in 2009/2011: Männer 111 Jahre und Frauen 112 Jahre)

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

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

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

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

2 Formeln für gebräuchliche Versicherungsbarwerte

2.1 Sofort beginnende lebenslängliche Leibrente

$$\ddot{a}_x = \frac{N_x}{D_x}$$

Vorschüssige Zahlung:
Barwert der sofort beginnenden und lebenslänglich, jährlich vorschüssig zahlbaren Leibrente „1" für eine x-jährige Person

$$a_x = \frac{N_{x+1}}{D_x} = \ddot{a}_x - 1$$

Nachschüssige Zahlung:
Barwert der sofort beginnenden und lebenslänglich, jährlich nachschüssig zahlbaren Leibrente „1" für eine x-jährige Person

$${}^{(m)}\ddot{a}_x = \ddot{a}_x - {}^{(m)}k$$

Zahlung in unterjährigen vorschüssigen Raten:
Barwert der sofort beginnenden und lebenslänglich in unterjährigen Raten von je „1/m" vorschüssig zahlbaren Leibrente „1" für eine x-jährige Person

$${}^{(m)}a_x = {}^{(m)}\ddot{a}_x - \frac{1}{m}$$

Zahlung in unterjährigen nachschüssigen Raten (näherungsweise):
Barwert der sofort beginnenden und lebenslänglich in unterjährigen Raten von je „1/m" nachschüssig zahlbaren Leibrente „1" für eine x-jährige Person

2.2 Aufgeschobene Leibrente

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

Vorschüssige bzw. nachschüssige Zahlung:
Barwert der nach n Jahren beginnenden und lebenslänglich, jährlich vorschüssig bzw. nachschüssig zahlbaren Leibrente „1" für eine x-jährige Person

2.3 Temporäre Leibrente

$$\ddot{a}_{x:\overline{n}|} = \frac{N_x - N_{x+n}}{D_x} = \ddot{a}_x - \frac{D_{x+n}}{D_x} \cdot \ddot{a}_{x+n}$$

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

Vorschüssige Zahlung:
Barwert der sofort beginnenden und n Jahre dauernden jährlich vorschüssig zahlbaren Leibrente „1" für eine x-jährige Person

$$a_{x:\overline{n}|} = \frac{N_{x+1} - N_{x+n+1}}{D_x} = a_x - \frac{D_{x+n}}{D_x} \cdot a_{x+n}$$

Nachschüssige Zahlung:
Barwert der sofort beginnenden und n Jahre dauernden jährlich nachschüssig zahlbaren Leibrente „1" für eine x-jährige Person

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

2.4 Aufgeschobene temporäre Leibrente

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

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

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

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

3 Rechenbeispiele

Im Folgenden wird die Berechnung von Leibrenten anhand von Beispielen veranschaulicht. Zur Unterscheidung wird das Alter des Mannes mit x bezeichnet, das der Frau mit y. Für die Berechnungen ist das *versicherungsmathematische Alter* anzusetzen. Beträgt das Alter zum Berechnungsstichtag x bzw. y Jahre und weniger als 6 Monate, dann wird das Alter auf das ganze Jahr abgerundet, ansonsten aufgerundet. In den Rechenbeispielen wird bei den Ergebnissen zu Barwertfaktoren mit auf drei Nachkommastellen gerundeten Werten gerechnet.

3.1 Jährlich vorschüssig zahlbare Leibrente

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

Der Barwert $\ddot{a}_y$ einer sofort beginnenden und lebenslänglich, jährlich vorschüssig zahlbaren Leibrente vom Betrag 1 beträgt für 70-jährige Frauen bei einem Zinsfuß von 5% 11,266.

Es gilt:

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

Demnach beläuft sich die jährlich vorschüssig zahlbare Leibrente auf 17 752,53 Euro:

$$\text{Rentenbetrag} = \frac{200\,000}{11,266} = 17\,752,53$$

3.2 Monatlich vorschüssig zahlbare Leibrente

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

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

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

Mit dem Barwert von 11,266 einer sofort beginnenden und lebenslänglich, jährlich vorschüssig zahlbaren Leibrente vom Betrag 1 für 70-jährige Frauen bei einem Zinsfuß von 5% ergibt sich:

$$\ddot{a}_{70}^{(12)} = 11{,}266 \cdot 0{,}4664 = 10{,}800 \qquad \text{(Anm.: Barwert aus der Tabelle ohne Rundungsdifferenz)}$$

Wird wieder der Kaufpreis von 200 000 Euro zugrunde gelegt, dann beläuft sich die monatlich vorschüssig zahlbare Leibrente auf 1 543,27 Euro:

$$\text{Rentenbetrag} = \frac{\text{Kaufpreis}}{{}^{(m)}\ddot{a}_y \cdot m} = \frac{200\,000}{10{,}800 \cdot 12} = 1\,543{,}27$$

3.3 Aufgeschobene Leibrente

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

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

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

Damit ergibt sich für eine 70-jährige Frau bei einer Verzinsung von 5% und einer nach n=5 Jahren beginnenden Zahlung ein Barwert von 6,831:

$$_{5|}\ddot{a}_{70} = \frac{2\,085{,}096}{2\,866{,}696} \cdot 9{,}391 = 6{,}831$$

Folglich beträgt bei einem Kaufpreis von 200 000 Euro die um 5 Jahre aufgeschobene, jährlich vorschüssig zahlbare Leibrente 29 278,29 Euro:

$$\text{Rentenbetrag} = \frac{200\,000}{6{,}831} = 29\,278{,}29$$

3.4 Temporäre Leibrente

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

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

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

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

$$\ddot{a}_{70:20} = \frac{32\,295{,}512 - 1\,505{,}955}{2\,866{,}696} = 10{,}740$$

Bei einem Kaufpreis von 200 000 Euro ergibt sich für die 70-jährige Eigentümerin eine jährlich vorschüssig zahlbare Leibrente von 18 621,97 Euro bis zum Alter von 90 Jahren:

$$\text{Rentenbetrag} = \frac{200\,000}{10{,}740} = 18\,621{,}97$$

3.5 Kaufpreis einer Leibrente

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

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

Die 70-jährige Eigentümerin möchte eine jährlich vorschüssig zahlbare Leibrente von 24 000 Euro erhalten. Bei einem Kaufpreis von 200 000 Euro wären es derzeit jedoch nur 17 752,53 Euro (siehe 3.1). Mit dem Barwert von 11,266 einer sofort beginnenden und lebenslänglich, jährlich vorschüssig zahlbaren Leibrente vom Betrag 1 für 70-jährige Frauen (Verzinsung 5%) müsste sie also 270 384 Euro aufbringen.

$$\text{Kaufpreis} = 24\,000 \cdot 11{,}266 = 270\,384$$

Um eine monatlich vorschüssig zahlbare Leibrente von 2 000 Euro zu erhalten, wären hingegen 259 176 Euro notwendig:

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

$$\text{Kaufpreis} = 2\,000 \cdot 10{,}799 \cdot 12 = 259176$$

3.6 Leibrente auf das Leben zweier Personen

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

Für die Berechnung der Verbindungsrenten wird ergänzend folgende Symbolik verwendet:

x   Alter des Mannes

y   Alter der Frau

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

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

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

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

F_x Höhe des Übergangs der Leibrente an den Mann

F_y Höhe des Übergangs der Leibrente an die Frau

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

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

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

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

F_x = 1,000 (also 100%)

F_y = 0,700 (also 70%)

F_{xy} = (1,000 + 0,700) − 1 = 0,700

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

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

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

Bei einem Zinsfuß 5% ergibt sich ein Kaufpreis von 381 434 Euro:

$$381\,434 = 2\,000 \cdot 12 \cdot (1{,}000 \cdot 13{,}756 + 0{,}700 \cdot 16{,}026 - 0{,}700 \cdot 12{,}973)$$

Sollte jedoch eine jährlich vorschüssige Leibrentenzahlung von 24 000 Euro erfolgen, dann würde sich der Kaufpreis auf 392 659 Euro erhöhen:

$$392\,659 = 24\,000 \cdot (1{,}000 \cdot 14{,}223 + 0{,}700 \cdot 16{,}493 - 0{,}700 \cdot 13{,}439)$$

Der Mann hat durch seine frühzeitig verstorbene Großmutter ein Haus im Wert von 200 000 Euro geerbt, welches für die monatlich vorschüssige Leibrente eingesetzt werden soll. Wird die obige Formel nach dem Rentenbetrag umgeformt (siehe auch 3.1), dann ergibt sich für die beiden eine monatlich vorschüssig zahlbare Leibrente von 1 048,67 Euro. Jährlich vorschüssig würde die Leibrente 12 224,34 Euro betragen.

> Anmerkung: Ein häufiger Anwendungsfall ist die Verbindungsrente, die bis zum Tod der letztversterbenden Person in *voller* Höhe weitergezahlt wird. Die Höhe des Übergangs der Leibrente nimmt somit für F_x, F_y und F_{xy} den Wert 1 an, so dass die Berechnung sich vereinfacht:
>
> $\text{Kaufpreis} = \text{Rentenbetrag} \cdot m \cdot ({}^{(12)}\ddot{a}_x + {}^{(12)}\ddot{a}_y - {}^{(12)}\ddot{a}_{xy})$ *bei monatlich vorschüssiger Zahlungsweise*
>
> $\text{Kaufpreis} = \text{Rentenbetrag} \cdot (\ddot{a}_x + \ddot{a}_y - \ddot{a}_{xy})$ *bei jährlich vorschüssiger Zahlungsweise*

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

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

4 Schlussbemerkung

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

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

5 Anhang
Reduktionsfaktor für vorschüssige monatliche Zahlungsweise

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

6 Literaturhinweise

Rudolf Schneider, Kerstin Stahl (2008): Kapitalisierung und Verrentung, 3. Auflage, Verlag C.H. Beck oHG

Statistisches Bundesamt (2011): Periodensterbetafeln für Deutschland, Wiesbaden
http://www.destatis.de/jetspeed/portal/cms/Sites/destatis/Internet/DE/Content/Publikationen/Fachveroeff entlichungen/Bevoelkerung/Bevoelkerungsbewegung/Periodensterbetafeln,templateId=renderPrint.psml

Statistisches Bundesamt (1991): Fachserie 1, Bevölkerung und Erwerbstätigkeit, Allgemeine Sterbetafel für die Bundesrepublik Deutschland 1986/88, Wiesbaden

Sterbetafel 2009/2011

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Deutschland

Männlich[*]

Vollendetes Alter	Sterbe-wahrscheinlichkeit vom Alter x bis x+1	Überlebens-	Überlebende im Alter x	Gestorbene im Alter x bis unter x+1	Von den Überlebenden im Alter x bis zum Alter x+1 durchlebte Jahre	insgesamt noch zu durchlebende Jahre	Durchschnittliche Lebenserwartung im Alter x in Jahren
x	q_x	p_x	l_x	d_x	L_x	$e_x l_x$	e_x
0	0,00386782	0,99613218	100 000	387	99 673	7 771 876	77,72
1	0,00032721	0,99967279	99 613	33	99 597	7 672 203	77,02
2	0,00018875	0,99981125	99 581	19	99 571	7 572 606	76,04
3	0,00013906	0,99986094	99 562	14	99 555	7 473 035	75,06
4	0,00013280	0,99986720	99 548	13	99 541	7 373 480	74,07
5	0,00010804	0,99989196	99 535	11	99 529	7 273 939	73,08
6	0,00010566	0,99989434	99 524	11	99 519	7 174 409	72,09
7	0,00008239	0,99991761	99 513	8	99 509	7 074 891	71,09
8	0,00008330	0,99991670	99 505	8	99 501	6 975 381	70,10
9	0,00007853	0,99992147	99 497	8	99 493	6 875 880	69,11
10	0,00008937	0,99991063	99 489	9	99 485	6 776 387	68,11
11	0,00008582	0,99991418	99 480	9	99 476	6 676 902	67,12
12	0,00011128	0,99988872	99 472	11	99 466	6 577 426	66,12
13	0,00011090	0,99988910	99 461	11	99 455	6 477 960	65,13
14	0,00015009	0,99984991	99 450	15	99 442	6 378 505	64,14
15	0,00017803	0,99982197	99 435	18	99 426	6 279 063	63,15
16	0,00025970	0,99974030	99 417	26	99 404	6 179 637	62,16
17	0,00033879	0,99966121	99 391	34	99 374	6 080 233	61,17
18	0,00048147	0,99951853	99 358	48	99 334	5 980 858	60,20
19	0,00048868	0,99951132	99 310	49	99 285	5 881 525	59,22
20	0,00053788	0,99946212	99 261	53	99 234	5 782 239	58,25
21	0,00054041	0,99945959	99 208	54	99 181	5 683 005	57,28
22	0,00053138	0,99946862	99 154	53	99 128	5 583 824	56,31
23	0,00052279	0,99947721	99 101	52	99 076	5 484 696	55,34
24	0,00055956	0,99944044	99 050	55	99 022	5 385 620	54,37
25	0,00054939	0,99945061	98 994	54	98 967	5 286 598	53,40
26	0,00058103	0,99941897	98 940	57	98 911	5 187 631	52,43
27	0,00063296	0,99936704	98 882	63	98 851	5 088 720	51,46
28	0,00060092	0,99939908	98 820	59	98 790	4 989 869	50,49
29	0,00065759	0,99934241	98 760	65	98 728	4 891 079	49,52
30	0,00063989	0,99936011	98 695	63	98 664	4 792 351	48,56
31	0,00071375	0,99928625	98 632	70	98 597	4 693 687	47,59
32	0,00073510	0,99926490	98 562	72	98 526	4 595 090	46,62
33	0,00076333	0,99923667	98 489	75	98 452	4 496 564	45,66
34	0,00079318	0,99920682	98 414	78	98 375	4 398 112	44,69
35	0,00083999	0,99916001	98 336	83	98 295	4 299 737	43,72
36	0,00088085	0,99911915	98 254	87	98 210	4 201 442	42,76
37	0,00094888	0,99905112	98 167	93	98 120	4 103 232	41,80
38	0,00109918	0,99890082	98 074	108	98 020	4 005 111	40,84
39	0,00114800	0,99885200	97 966	112	97 910	3 907 091	39,88
40	0,00128285	0,99871715	97 854	126	97 791	3 809 182	38,93
41	0,00136952	0,99863048	97 728	134	97 661	3 711 391	37,98
42	0,00152940	0,99847060	97 594	149	97 520	3 613 729	37,03
43	0,00178321	0,99821679	97 445	174	97 358	3 516 210	36,08
44	0,00198943	0,99801057	97 271	194	97 174	3 418 852	35,15
45	0,00221497	0,99778503	97 078	215	96 970	3 321 677	34,22
46	0,00247352	0,99752648	96 863	240	96 743	3 224 707	33,29
47	0,00288669	0,99711331	96 623	279	96 484	3 127 964	32,37
48	0,00320727	0,99679273	96 344	309	96 190	3 031 480	31,47
49	0,00358384	0,99641616	96 035	344	95 863	2 935 291	30,56

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Deutschland

Männlich[*]

Vollendetes Alter	Sterbe-wahrscheinlichkeit vom Alter x bis x+1	Überlebens-wahrscheinlichkeit vom Alter x bis x+1	Überlebende im Alter x	Gestorbene im Alter x bis unter x+1	Von den Überlebenden im Alter x bis zum Alter x+1 durchlebte Jahre	Von den Überlebenden im Alter x insgesamt noch zu durchlebende Jahre	Durchschnittliche Lebenserwartung im Alter x in Jahren
x	q_x	p_x	l_x	d_x	L_x	$e_x l_x$	e_x
50	0,00400077	0,99599923	95 691	383	95 500	2 839 428	29,67
51	0,00473103	0,99526897	95 308	451	95 083	2 743 928	28,79
52	0,00500602	0,99499398	94 857	475	94 620	2 648 845	27,92
53	0,00551973	0,99448027	94 382	521	94 122	2 554 225	27,06
54	0,00619290	0,99380710	93 861	581	93 571	2 460 103	26,21
55	0,00676611	0,99323389	93 280	631	92 965	2 366 533	25,37
56	0,00728921	0,99271079	92 649	675	92 311	2 273 568	24,54
57	0,00804515	0,99195485	91 974	740	91 604	2 181 257	23,72
58	0,00879425	0,99120575	91 234	802	90 833	2 089 653	22,90
59	0,00954303	0,99045697	90 431	863	90 000	1 998 820	22,10
60	0,01039186	0,98960814	89 568	931	89 103	1 908 820	21,31
61	0,01116513	0,98883487	88 638	990	88 143	1 819 717	20,53
62	0,01198855	0,98801145	87 648	1 051	87 123	1 731 574	19,76
63	0,01264343	0,98735657	86 597	1 095	86 050	1 644 452	18,99
64	0,01409596	0,98590404	85 502	1 205	84 900	1 558 402	18,23
65	0,01505891	0,98494109	84 297	1 269	83 662	1 473 502	17,48
66	0,01654110	0,98345890	83 028	1 373	82 341	1 389 840	16,74
67	0,01788010	0,98211990	81 654	1 460	80 924	1 307 499	16,01
68	0,01914845	0,98085155	80 194	1 536	79 427	1 226 575	15,30
69	0,02094265	0,97905735	78 659	1 647	77 835	1 147 148	14,58
70	0,02276821	0,97723179	77 011	1 753	76 135	1 069 313	13,89
71	0,02492804	0,97507196	75 258	1 876	74 320	993 178	13,20
72	0,02710852	0,97289148	73 382	1 989	72 387	918 858	12,52
73	0,02984970	0,97015030	71 393	2 131	70 327	846 471	11,86
74	0,03386753	0,96613247	69 262	2 346	68 089	776 144	11,21
75	0,03743755	0,96256245	66 916	2 505	65 663	708 055	10,58
76	0,04161773	0,95838227	64 411	2 681	63 070	642 392	9,97
77	0,04674576	0,95325424	61 730	2 886	60 287	579 321	9,38
78	0,05282011	0,94717989	58 844	3 108	57 290	519 034	8,82
79	0,05885408	0,94114592	55 736	3 280	54 096	461 744	8,28
80	0,06505277	0,93494723	52 456	3 412	50 750	407 647	7,77
81	0,07285302	0,92714698	49 044	3 573	47 257	356 898	7,28
82	0,08032828	0,91967172	45 471	3 653	43 644	309 641	6,81
83	0,08790407	0,91209593	41 818	3 676	39 980	265 996	6,36
84	0,09819141	0,90180859	38 142	3 745	36 269	226 016	5,93
85	0,10863478	0,89136522	34 397	3 737	32 529	189 747	5,52
86	0,12091242	0,87908758	30 660	3 707	28 807	157 218	5,13
87	0,13524707	0,86475293	26 953	3 645	25 130	128 412	4,76
88	0,14830927	0,85169073	23 308	3 457	21 579	103 281	4,43
89	0,16726755	0,83273245	19 851	3 320	18 191	81 702	4,12
90	0,17599623	0,82400377	16 530	2 909	15 076	63 511	3,84
91	0,19982011	0,80017989	13 621	2 722	12 260	48 435	3,56
92	0,21635120	0,78364880	10 899	2 358	9 720	36 175	3,32
93	0,23466118	0,76533882	8 541	2 004	7 539	26 455	3,10
94	0,25354363	0,74645637	6 537	1 657	5 708	18 916	2,89
95	0,27293451	0,72706549	4 880	1 332	4 214	13 207	2,71
96	0,29276938	0,70723062	3 548	1 039	3 028	8 994	2,54
97	0,31298378	0,68701622	2 509	785	2 116	5 965	2,38
98	0,33351351	0,66648649	1 724	575	1 436	3 849	2,23
99	0,35429504	0,64570496	1 149	407	945	2 412	2,10
100	0,37526575	0,62473425	742	278	603	1 467	1,98

[*] Ab dem Alter von 92 Jahren handelt es sich bei der Sterbewahrscheinlichkeit um geschätzte Werte.

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

Sterbetafel 2009/2011

Deutschland

Weiblich[*)]

Vollendetes Alter	Sterbe-wahrscheinlichkeit vom Alter x bis x+1	Überlebens-	Überlebende im Alter x	Gestorbene im Alter x bis unter x+1	Von den Überlebenden im Alter x bis zum Alter x+1 durchlebte	insgesamt noch zu durchlebende	Durchschnittliche Lebenserwartung im Alter x in Jahren
					Jahre		
x	q_x	p_x	l_x	d_x	L_x	$e_x l_x$	e_x
0	0,00315269	0,99684731	100 000	315	99 731	8 272 544	82,73
1	0,00026396	0,99973604	99 685	26	99 672	8 172 812	81,99
2	0,00014894	0,99985106	99 658	15	99 651	8 073 141	81,01
3	0,00011173	0,99988827	99 644	11	99 638	7 973 490	80,02
4	0,00011918	0,99988082	99 632	12	99 627	7 873 852	79,03
5	0,00010107	0,99989893	99 621	10	99 616	7 774 225	78,04
6	0,00008709	0,99991291	99 610	9	99 606	7 674 610	77,05
7	0,00008583	0,99991417	99 602	9	99 598	7 575 004	76,05
8	0,00007364	0,99992636	99 593	7	99 590	7 475 406	75,06
9	0,00006898	0,99993102	99 586	7	99 583	7 375 816	74,06
10	0,00007097	0,99992903	99 579	7	99 576	7 276 234	73,07
11	0,00007997	0,99992003	99 572	8	99 568	7 176 658	72,08
12	0,00008050	0,99991950	99 564	8	99 560	7 077 090	71,08
13	0,00008958	0,99991042	99 556	9	99 552	6 977 530	70,09
14	0,00010839	0,99989161	99 547	11	99 542	6 877 979	69,09
15	0,00012579	0,99987421	99 536	13	99 530	6 778 437	68,10
16	0,00015387	0,99984613	99 524	15	99 516	6 678 907	67,11
17	0,00016047	0,99983953	99 508	16	99 500	6 579 391	66,12
18	0,00022841	0,99977159	99 493	23	99 481	6 479 890	65,13
19	0,00020654	0,99979346	99 470	21	99 460	6 380 409	64,14
20	0,00022199	0,99977801	99 449	22	99 438	6 280 950	63,16
21	0,00020929	0,99979071	99 427	21	99 417	6 181 512	62,17
22	0,00022433	0,99977567	99 406	22	99 395	6 082 095	61,18
23	0,00022858	0,99977142	99 384	23	99 373	5 982 700	60,20
24	0,00020214	0,99979786	99 361	20	99 351	5 883 327	59,21
25	0,00021998	0,99978002	99 341	22	99 330	5 783 976	58,22
26	0,00023667	0,99976333	99 319	24	99 308	5 684 645	57,24
27	0,00026865	0,99973135	99 296	27	99 283	5 585 338	56,25
28	0,00025287	0,99974713	99 269	25	99 257	5 486 055	55,26
29	0,00028692	0,99971308	99 244	28	99 230	5 386 798	54,28
30	0,00028303	0,99971697	99 216	28	99 202	5 287 568	53,29
31	0,00030202	0,99969798	99 188	30	99 173	5 188 367	52,31
32	0,00035447	0,99964553	99 158	35	99 140	5 089 194	51,32
33	0,00036564	0,99963436	99 122	36	99 104	4 990 054	50,34
34	0,00042478	0,99957522	99 086	42	99 065	4 890 950	49,36
35	0,00039776	0,99960224	99 044	39	99 024	4 791 885	48,38
36	0,00047521	0,99952479	99 005	47	98 981	4 692 860	47,40
37	0,00053368	0,99946632	98 958	53	98 931	4 593 879	46,42
38	0,00055671	0,99944329	98 905	55	98 877	4 494 948	45,45
39	0,00066155	0,99933845	98 850	65	98 817	4 396 070	44,47
40	0,00070623	0,99929377	98 784	70	98 750	4 297 253	43,50
41	0,00080150	0,99919850	98 715	79	98 675	4 198 504	42,53
42	0,00089009	0,99910991	98 636	88	98 592	4 099 829	41,57
43	0,00102394	0,99897606	98 548	101	98 497	4 001 237	40,60
44	0,00112316	0,99887684	98 447	111	98 392	3 902 740	39,64
45	0,00126923	0,99873077	98 336	125	98 274	3 804 348	38,69
46	0,00140911	0,99859089	98 211	138	98 142	3 706 074	37,74
47	0,00163512	0,99836488	98 073	160	97 993	3 607 932	36,79
48	0,00176843	0,99823157	97 913	173	97 826	3 509 939	35,85
49	0,00205765	0,99794235	97 740	201	97 639	3 412 113	34,91

Sterbetafel 2009/2011

Deutschland

Weiblich[*]

Vollendetes Alter	Sterbe- wahrscheinlichkeit vom Alter x bis x+1		Überlebende im Alter x	Gestorbene im Alter x bis unter x+1	Von den Überlebenden im Alter x bis zum Alter x+1 durchlebte	insgesamt noch zu durchlebende Jahre	Durchschnittliche Lebenserwartung im Alter x in Jahren
x	q_x	p_x	l_x	d_x	L_x	$e_x l_x$	e_x
50	0,00220300	0,99779700	97 538	215	97 431	3 314 474	33,98
51	0,00244679	0,99755321	97 324	238	97 204	3 217 043	33,06
52	0,00274537	0,99725463	97 085	267	96 952	3 119 839	32,13
53	0,00300654	0,99699346	96 819	291	96 673	3 022 887	31,22
54	0,00319122	0,99680878	96 528	308	96 374	2 926 213	30,31
55	0,00354317	0,99645683	96 220	341	96 049	2 829 839	29,41
56	0,00377220	0,99622780	95 879	362	95 698	2 733 790	28,51
57	0,00399657	0,99600343	95 517	382	95 326	2 638 092	27,62
58	0,00441231	0,99558769	95 135	420	94 926	2 542 766	26,73
59	0,00472202	0,99527798	94 716	447	94 492	2 447 840	25,84
60	0,00538935	0,99461065	94 268	508	94 014	2 353 348	24,96
61	0,00574671	0,99425329	93 760	539	93 491	2 259 334	24,10
62	0,00630765	0,99369235	93 222	588	92 928	2 165 843	23,23
63	0,00673786	0,99326214	92 634	624	92 321	2 072 915	22,38
64	0,00734941	0,99265059	92 009	676	91 671	1 980 594	21,53
65	0,00780987	0,99219013	91 333	713	90 977	1 888 923	20,68
66	0,00855426	0,99144574	90 620	775	90 232	1 797 946	19,84
67	0,00913231	0,99086769	89 845	820	89 434	1 707 714	19,01
68	0,00971063	0,99028937	89 024	864	88 592	1 618 279	18,18
69	0,01062152	0,98937848	88 160	936	87 692	1 529 687	17,35
70	0,01160472	0,98839528	87 223	1 012	86 717	1 441 996	16,53
71	0,01287719	0,98712281	86 211	1 110	85 656	1 355 279	15,72
72	0,01447772	0,98552228	85 101	1 232	84 485	1 269 623	14,92
73	0,01626120	0,98373880	83 869	1 364	83 187	1 185 138	14,13
74	0,01860754	0,98139246	82 505	1 535	81 737	1 101 951	13,36
75	0,02145793	0,97854207	80 970	1 737	80 101	1 020 213	12,60
76	0,02449281	0,97550719	79 232	1 941	78 262	940 112	11,87
77	0,02772371	0,97227629	77 292	2 143	76 220	861 850	11,15
78	0,03206826	0,96793174	75 149	2 410	73 944	785 630	10,45
79	0,03630593	0,96369407	72 739	2 641	71 419	711 686	9,78
80	0,04176558	0,95823442	70 098	2 928	68 634	640 267	9,13
81	0,04759035	0,95240965	67 171	3 197	65 572	571 633	8,51
82	0,05514431	0,94485569	63 974	3 528	62 210	506 060	7,91
83	0,06271158	0,93728842	60 446	3 791	58 551	443 850	7,34
84	0,07231571	0,92768429	56 655	4 097	54 607	385 300	6,80
85	0,08275464	0,91724536	52 558	4 349	50 384	330 693	6,29
86	0,09422269	0,90577731	48 209	4 542	45 938	280 309	5,81
87	0,10829159	0,89170841	43 667	4 729	41 302	234 372	5,37
88	0,12228715	0,87771285	38 938	4 762	36 557	193 069	4,96
89	0,14151697	0,85848303	34 176	4 837	31 758	156 512	4,58
90	0,15479557	0,84520443	29 340	4 542	27 069	124 754	4,25
91	0,17768652	0,82231348	24 798	4 406	22 595	97 686	3,94
92	0,18922594	0,81077406	20 392	3 859	18 462	75 091	3,68
93	0,20725262	0,79274738	16 533	3 427	14 820	56 628	3,43
94	0,22588264	0,77411736	13 107	2 961	11 626	41 808	3,19
95	0,24505411	0,75494589	10 146	2 486	8 903	30 182	2,97
96	0,26470456	0,73529544	7 660	2 028	6 646	21 279	2,78
97	0,28477128	0,71522872	5 632	1 604	4 830	14 633	2,60
98	0,30519163	0,69480837	4 028	1 229	3 414	9 803	2,43
99	0,32590336	0,67409664	2 799	912	2 343	6 390	2,28
100	0,34684491	0,65315509	1 887	654	1 560	4 047	2,14

[*] Ab dem Alter von 92 Jahren handelt es sich bei der Sterbewahrscheinlichkeit um geschätzte Werte.

Hinweis: Eine neue "Allgemeine Sterbetafel" wird jeweils nach Vorliegen der Ergebnisse einer Volkszählung berechnet. Zuletzt wurde die "Allgemeine Sterbetafel 1986/88" im Statistischen Jahrbuch 1991

und in Fachserie 1, Reihe 1. S.2 veröffentlicht.

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

Notation

x	Alter des Mannes
y	Alter der Frau
l_x bzw. l_y	Lebende gemäß Sterbetafel
D_x bzw. D_y	Diskontierte Zahl der Lebenden
N_x bzw. N_y	Erste Summe der diskontierten Zahlen der Lebenden
$ä_x$ bzw. $ä_y$	Barwert der sofort beginnenden und lebenslänglich, *jährlich* vorschüssig zahlbaren Leibrente „1" für einen x-jährigen Mann bzw. eine y-jährige Frau
$^{(12)}ä_x$ bzw. $^{(12)}ä_y$	Barwert der sofort beginnenden und lebenslänglich, *monatlich* vorschüssig zahlbaren Leibrente „1" für einen x-jährigen Mann bzw. eine y-jährige Frau

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 1%

x	l_x	D_x	N_x	$ä_x$	$^{(12)}ä_x$	y	l_y	D_y	N_y	$ä_y$	$^{(12)}ä_y$
			Männer						Frauen		
0	100 000	100 000,000	5 409 533,649	54,095	53,635	0	100 000	100 000,000	5 646 221,022	56,462	56,002
1	99 613	98 626,949	5 309 533,649	53,835	53,375	1	99 685	98 697,754	5 546 221,022	56,194	55,734
2	99 581	97 618,492	5 210 906,700	53,380	52,920	2	99 658	97 694,754	5 447 523,269	55,761	55,301
3	99 562	96 633,729	5 113 288,208	52,914	52,454	3	99 644	96 713,072	5 349 828,515	55,316	54,857
4	99 548	95 663,655	5 016 654,479	52,441	51,981	4	99 632	95 744,818	5 253 115,443	54,866	54,406
5	99 535	94 703,912	4 920 990,824	51,962	51,502	5	99 621	94 785,551	5 157 370,625	54,411	53,951
6	99 524	93 756,120	4 826 286,911	51,477	51,017	6	99 610	93 837,595	5 062 585,074	53,950	53,491
7	99 513	92 818,033	4 732 530,792	50,987	50,527	7	99 602	92 900,419	4 968 747,479	53,485	53,025
8	99 505	91 891,471	4 639 712,759	50,491	50,031	8	99 593	91 972,718	4 875 847,060	53,014	52,554
9	99 497	90 974,076	4 547 821,288	49,990	49,530	9	99 586	91 055,391	4 783 874,342	52,538	52,078
10	99 489	90 066,269	4 456 847,212	49,484	49,024	10	99 579	90 147,633	4 692 818,951	52,057	51,597
11	99 480	89 166,554	4 366 780,943	48,973	48,513	11	99 572	89 248,748	4 602 671,318	51,571	51,111
12	99 472	88 276,141	4 277 614,389	48,457	47,997	12	99 564	88 358,031	4 513 422,570	51,081	50,621
13	99 461	87 392,393	4 189 338,248	47,937	47,477	13	99 556	87 476,156	4 425 064,540	50,586	50,126
14	99 450	86 517,526	4 101 945,855	47,412	46,952	14	99 547	86 602,297	4 337 588,384	50,086	49,626
15	99 435	85 648,060	4 015 428,329	46,883	46,423	15	99 536	85 735,555	4 250 986,086	49,583	49,123
16	99 417	84 784,963	3 929 780,268	46,350	45,890	16	99 524	84 876,010	4 165 250,531	49,075	48,615
17	99 391	83 923,707	3 844 995,306	45,815	45,355	17	99 508	84 022,723	4 080 374,520	48,563	48,103
18	99 358	83 064,629	3 761 071,598	45,279	44,819	18	99 493	83 177,465	3 996 351,797	48,046	47,586
19	99 310	82 202,609	3 678 006,969	44,743	44,283	19	99 470	82 335,115	3 913 174,332	47,527	47,067
20	99 261	81 348,949	3 595 804,360	44,202	43,742	20	99 449	81 503,079	3 830 839,217	47,002	46,542
21	99 208	80 500,191	3 514 455,411	43,658	43,198	21	99 427	80 678,204	3 749 336,137	46,473	46,013
22	99 154	79 660,087	3 433 955,220	43,108	42,648	22	99 406	79 862,692	3 668 657,933	45,937	45,477
23	99 101	78 829,463	3 354 295,133	42,551	42,091	23	99 384	79 054,234	3 588 795,241	45,397	44,937
24	99 050	78 008,170	3 275 465,671	41,989	41,529	24	99 361	78 253,628	3 509 741,007	44,851	44,391
25	98 994	77 192,594	3 197 457,501	41,422	40,962	25	99 341	77 463,178	3 431 487,379	44,298	43,838
26	98 940	76 386,322	3 120 264,907	40,848	40,388	26	99 319	76 679,344	3 354 024,201	43,741	43,281
27	98 882	75 586,078	3 043 878,586	40,270	39,810	27	99 296	75 902,175	3 277 344,857	43,179	42,719
28	98 820	74 790,332	2 968 292,508	39,688	39,228	28	99 269	75 130,479	3 201 442,682	42,612	42,152
29	98 760	74 005,336	2 893 502,176	39,099	38,639	29	99 244	74 367,803	3 126 312,203	42,039	41,579
30	98 695	73 224,426	2 819 496,841	38,505	38,045	30	99 216	73 610,362	3 051 944,400	41,461	41,001
31	98 632	72 453,040	2 746 272,415	37,904	37,444	31	99 188	72 860,918	2 978 334,039	40,877	40,417
32	98 562	71 684,482	2 673 819,375	37,300	36,840	32	99 158	72 117,735	2 905 473,120	40,288	39,828
33	98 489	70 922,561	2 602 134,893	36,690	36,230	33	99 122	71 378,388	2 833 355,385	39,695	39,235
34	98 414	70 166,756	2 531 212,333	36,074	35,614	34	99 086	70 645,831	2 761 976,998	39,096	38,636
35	98 336	69 416,932	2 461 045,577	35,453	34,993	35	99 044	69 916,656	2 691 331,167	38,493	38,033
36	98 254	68 671,903	2 391 628,645	34,827	34,367	36	99 005	69 196,877	2 621 414,511	37,883	37,423
37	98 167	67 932,092	2 322 956,742	34,195	33,735	37	98 958	68 479,202	2 552 217,634	37,270	36,810
38	98 074	67 195,676	2 255 024,650	33,559	33,099	38	98 905	67 765,005	2 483 738,432	36,652	36,192
39	97 966	66 457,244	2 187 828,974	32,921	32,461	39	98 850	67 056,713	2 415 973,427	36,029	35,569
40	97 854	65 723,714	2 121 371,730	32,277	31,817	40	98 784	66 348,863	2 348 916,715	35,403	34,943
41	97 728	64 989,505	2 055 648,016	31,630	31,170	41	98 715	65 645,550	2 282 567,852	34,771	34,311
42	97 594	64 257,921	1 990 658,511	30,979	30,519	42	98 636	64 943,500	2 216 922,302	34,136	33,676
43	97 445	63 524,401	1 926 400,589	30,325	29,865	43	98 548	64 243,262	2 151 978,802	33,497	33,037
44	97 271	62 783,291	1 862 876,188	29,672	29,212	44	98 447	63 542,060	2 087 735,540	32,856	32,396
45	97 078	62 038,008	1 800 092,897	29,016	28,556	45	98 336	62 842,270	2 024 193,480	32,211	31,751
46	96 863	61 287,719	1 738 054,888	28,359	27,899	46	98 211	62 141,098	1 961 351,209	31,563	31,103
47	96 623	60 530,814	1 676 767,170	27,701	27,241	47	98 073	61 439,143	1 899 210,112	30,912	30,452
48	96 344	59 758,496	1 616 236,356	27,046	26,586	48	97 913	60 731,369	1 837 770,969	30,261	29,801
49	96 035	58 977,063	1 556 477,860	26,391	25,931	49	97 740	60 023,732	1 777 039,601	29,606	29,146

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 1%

x	l_x	D_x	N_x	$ä_x$	$ä_x^{(12)}$	y	l_y	D_y	N_y	$ä_y$	$ä_y^{(12)}$
			Männer						Frauen		
50	95 691	58 183,860	1 497 500,797	25,737	25,277	50	97 538	59 307,153	1 717 015,868	28,951	28,491
51	95 308	57 377,307	1 439 316,936	25,085	24,625	51	97 324	58 590,593	1 657 708,715	28,293	27,833
52	94 857	56 540,449	1 381 939,629	24,442	23,982	52	97 085	57 868,549	1 599 118,122	27,634	27,174
53	94 382	55 700,402	1 325 399,181	23,795	23,335	53	96 819	57 138,295	1 541 249,573	26,974	26,514
54	93 861	54 844,506	1 269 698,779	23,151	22,691	54	96 528	56 402,482	1 484 111,278	26,313	25,853
55	93 280	53 965,207	1 214 854,273	22,512	22,052	55	96 220	55 665,831	1 427 708,796	25,648	25,188
56	92 649	53 069,378	1 160 889,066	21,875	21,415	56	95 879	54 919,403	1 372 042,966	24,983	24,523
57	91 974	52 160,935	1 107 819,688	21,238	20,779	57	95 517	54 170,531	1 317 123,563	24,314	23,854
58	91 234	51 229,002	1 055 658,753	20,607	20,147	58	95 135	53 419,836	1 262 953,032	23,642	23,182
59	90 431	50 275,725	1 004 429,750	19,978	19,518	59	94 716	52 657,556	1 209 533,195	22,970	22,510
60	89 568	49 302,913	954 154,026	19,353	18,893	60	94 268	51 890,006	1 156 875,640	22,295	21,835
61	88 638	48 307,489	904 851,113	18,731	18,271	61	93 760	51 099,358	1 104 985,634	21,624	21,164
62	87 648	47 295,177	856 543,625	18,111	17,651	62	93 222	50 302,679	1 053 886,275	20,951	20,491
63	86 597	46 265,521	809 248,448	17,491	17,031	63	92 634	49 490,482	1 003 583,597	20,278	19,818
64	85 502	45 228,283	762 982,926	16,870	16,410	64	92 009	48 670,319	954 093,114	19,603	19,143
65	84 297	44 149,255	717 754,643	16,257	15,797	65	91 333	47 834,278	905 422,795	18,928	18,468
66	83 028	43 053,876	673 605,388	15,646	15,186	66	90 620	46 990,791	857 588,517	18,250	17,790
67	81 654	41 922,493	630 551,512	15,041	14,581	67	89 845	46 127,544	810 597,726	17,573	17,113
68	80 194	40 765,262	588 629,019	14,439	13,979	68	89 024	45 253,755	764 470,182	16,893	16,433
69	78 659	39 588,782	547 863,757	13,839	13,379	69	88 160	44 370,607	719 216,427	16,209	15,749
70	77 011	38 375,929	508 274,975	13,245	12,785	70	87 223	43 464,677	674 845,820	15,526	15,066
71	75 258	37 130,869	469 899,046	12,655	12,195	71	86 211	42 534,932	631 381,143	14,844	14,384
72	73 382	35 846,801	432 768,177	12,073	11,613	72	85 101	41 571,487	588 846,210	14,165	13,705
73	71 393	34 529,750	396 921,376	11,495	11,035	73	83 869	40 563,987	547 274,724	13,492	13,032
74	69 262	33 167,373	362 391,626	10,926	10,466	74	82 505	39 509,275	506 710,737	12,825	12,365
75	66 916	31 726,809	329 224,252	10,377	9,917	75	80 970	38 390,202	467 201,462	12,170	11,710
76	64 411	30 236,668	297 497,444	9,839	9,379	76	79 232	37 194,483	428 811,260	11,529	11,069
77	61 730	28 691,373	267 260,776	9,315	8,855	77	77 292	35 924,243	391 616,777	10,901	10,441
78	58 844	27 079,379	238 569,403	8,810	8,350	78	75 149	34 582,465	355 692,533	10,285	9,825
79	55 736	25 395,092	211 490,024	8,328	7,868	79	72 739	33 142,046	321 110,068	9,689	9,229
80	52 456	23 663,849	186 094,932	7,864	7,404	80	70 098	31 622,567	287 968,022	9,106	8,646
81	49 044	21 905,396	162 431,084	7,415	6,955	81	67 171	30 001,814	256 345,455	8,544	8,084
82	45 471	20 108,437	140 525,688	6,988	6,528	82	63 974	28 291,106	226 343,641	8,001	7,541
83	41 818	18 310,060	120 417,251	6,577	6,117	83	60 446	26 466,349	198 052,534	7,483	7,023
84	38 142	16 535,180	102 107,190	6,175	5,715	84	56 655	24 560,993	171 586,185	6,986	6,526
85	34 397	14 763,928	85 572,011	5,796	5,336	85	52 558	22 559,255	147 025,192	6,517	6,057
86	30 660	13 029,754	70 808,083	5,434	4,974	86	48 209	20 487,497	124 465,938	6,075	5,615
87	26 953	11 340,886	57 778,329	5,095	4,635	87	43 667	18 373,376	103 978,441	5,659	5,199
88	23 308	9 709,965	46 437,442	4,782	4,322	88	38 938	16 221,479	85 605,065	5,277	4,817
89	19 851	8 188,007	36 727,477	4,486	4,026	89	34 176	14 096,832	69 383,586	4,922	4,462
90	16 530	6 750,910	28 539,470	4,227	3,768	90	29 340	11 982,071	55 286,754	4,614	4,154
91	13 621	5 507,698	21 788,560	3,956	3,496	91	24 798	10 027,029	43 304,683	4,319	3,859
92	10 899	4 363,514	16 280,862	3,731	3,271	92	20 392	8 163,724	33 277,655	4,076	3,616
93	8 541	3 385,607	11 917,347	3,520	3,060	93	16 533	6 553,401	25 113,931	3,832	3,372
94	6 537	2 565,481	8 531,740	3,326	2,866	94	13 107	5 143,754	18 560,530	3,608	3,148
95	4 880	1 896,059	5 966,259	3,147	2,687	95	10 146	3 942,445	13 416,775	3,403	2,943
96	3 548	1 364,910	4 070,200	2,982	2,522	96	7 660	2 946,864	9 474,330	3,215	2,755
97	2 509	955,749	2 705,289	2,831	2,371	97	5 632	2 145,362	6 527,466	3,043	2,583
98	1 724	650,114	1 749,541	2,691	2,231	98	4 028	1 519,232	4 382,104	2,884	2,424
99	1 149	429,002	1 099,427	2,563	2,103	99	2 799	1 045,124	2 862,872	2,739	2,279
100	742	274,266	670,425	2,444	1,984	100	1 887	697,539	1 817,748	2,606	2,146

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 1,25%

x	l_x	D_x	N_x	$ä_x$	$^{(12)}ä_x$	y	l_y	D_y	N_y	$ä_y$	$^{(12)}ä_y$
			Männer						Frauen		
0	100 000	100 000,000	4 978 837,543	49,788	49,328	0	100 000	100 000,000	5 176 004,869	51,760	51,300
1	99 613	98 383,425	4 878 837,543	49,590	49,130	1	99 685	98 454,056	5 076 004,869	51,557	51,097
2	99 581	97 137,020	4 780 454,118	49,214	48,753	2	99 658	97 212,906	4 977 550,813	51,203	50,742
3	99 562	95 919,690	4 683 317,097	48,825	48,365	3	99 644	95 998,446	4 880 337,907	50,838	50,377
4	99 548	94 722,323	4 587 397,407	48,430	47,970	4	99 632	94 802,687	4 784 339,461	50,466	50,006
5	99 535	93 540,488	4 492 675,085	48,029	47,569	5	99 621	93 621,124	4 689 536,774	50,091	49,630
6	99 524	92 375,686	4 399 134,597	47,622	47,162	6	99 610	92 455,962	4 595 915,650	49,709	49,249
7	99 513	91 225,606	4 306 758,911	47,210	46,750	7	99 602	91 306,578	4 503 459,689	49,322	48,862
8	99 505	90 091,940	4 215 533,306	46,791	46,331	8	99 593	90 171,596	4 412 153,111	48,931	48,470
9	99 497	88 972,282	4 125 441,366	46,368	45,907	9	99 586	89 051,808	4 321 981,515	48,533	48,073
10	99 489	87 866,958	4 036 469,083	45,938	45,478	10	99 579	87 946,335	4 232 929,708	48,131	47,670
11	99 480	86 774,425	3 948 602,126	45,504	45,044	11	99 572	86 854,414	4 144 983,372	47,723	47,263
12	99 472	85 695,781	3 861 827,701	45,064	44,604	12	99 564	85 775,277	4 058 128,959	47,311	46,851
13	99 461	84 628,390	3 776 131,920	44,620	44,160	13	99 556	84 709,503	3 972 353,682	46,894	46,433
14	99 450	83 574,326	3 691 503,530	44,170	43,710	14	99 547	83 656,213	3 887 644,178	46,472	46,011
15	99 435	82 530,155	3 607 929,205	43,716	43,256	15	99 536	82 614,465	3 803 987,965	46,045	45,585
16	99 417	81 496,753	3 525 399,050	43,258	42,798	16	99 524	81 584,269	3 721 373,500	45,614	45,153
17	99 391	80 469,717	3 443 902,297	42,797	42,337	17	99 508	80 564,657	3 639 789,231	45,178	44,718
18	99 358	79 449,338	3 363 432,580	42,334	41,874	18	99 493	79 557,263	3 559 224,574	44,738	44,278
19	99 310	78 430,702	3 283 983,242	41,871	41,411	19	99 470	78 557,127	3 479 667,310	44,295	43,834
20	99 261	77 424,567	3 205 552,541	41,402	40,942	20	99 449	77 571,262	3 401 110,183	43,845	43,385
21	99 208	76 427,577	3 128 127,974	40,929	40,469	21	99 427	76 596,584	3 323 538,921	43,390	42,930
22	99 154	75 443,234	3 051 700,397	40,450	39,990	22	99 406	75 635,114	3 246 942,337	42,929	42,469
23	99 101	74 472,242	2 976 257,163	39,965	39,504	23	99 384	74 684,590	3 171 307,223	42,463	42,002
24	99 050	73 514,379	2 901 784,921	39,472	39,012	24	99 361	73 745,697	3 096 622,633	41,991	41,530
25	98 994	72 566,166	2 828 270,542	38,975	38,515	25	99 341	72 820,534	3 022 876,936	41,511	41,051
26	98 940	71 630,913	2 755 704,375	38,471	38,010	26	99 319	71 905,693	2 950 056,402	41,027	40,566
27	98 882	70 705,475	2 684 073,462	37,961	37,501	27	99 296	71 001,161	2 878 150,709	40,537	40,076
28	98 820	69 788,366	2 613 367,988	37,447	36,987	28	99 269	70 105,765	2 807 149,548	40,042	39,581
29	98 760	68 885,362	2 543 579,622	36,925	36,464	29	99 244	69 222,753	2 737 043,783	39,540	39,079
30	98 695	67 990,187	2 474 694,259	36,398	35,937	30	99 216	68 348,535	2 667 821,030	39,033	38,572
31	98 632	67 107,832	2 406 704,073	35,863	35,403	31	99 188	67 485,620	2 599 472,495	38,519	38,059
32	98 562	66 232,033	2 339 596,240	35,324	34,864	32	99 158	66 632,333	2 531 986,876	37,999	37,539
33	98 489	65 366,268	2 273 364,207	34,779	34,318	33	99 122	65 786,384	2 465 354,543	37,475	37,015
34	98 414	64 509,997	2 207 997,939	34,227	33,767	34	99 086	64 950,449	2 399 568,159	36,945	36,484
35	98 336	63 663,041	2 143 487,942	33,669	33,209	35	99 044	64 121,343	2 334 617,709	36,409	35,949
36	98 254	62 824,261	2 079 824,901	33,105	32,645	36	99 005	63 304,532	2 270 496,366	35,866	35,406
37	98 167	61 993,998	2 017 000,640	32,535	32,075	37	98 958	62 493,283	2 207 191,834	35,319	34,858
38	98 074	61 170,541	1 955 006,642	31,960	31,500	38	98 905	61 688,821	2 144 698,551	34,766	34,306
39	97 966	60 348,942	1 893 836,101	31,381	30,921	39	98 850	60 893,311	2 083 009,730	34,208	33,747
40	97 854	59 535,468	1 833 487,159	30,797	30,336	40	98 784	60 101,756	2 022 116,419	33,645	33,184
41	97 728	58 725,030	1 773 951,691	30,208	29,747	41	98 715	59 317,837	1 962 014,663	33,076	32,616
42	97 594	57 920,597	1 715 226,661	29,613	29,153	42	98 636	58 538,562	1 902 696,826	32,503	32,043
43	97 445	57 118,038	1 657 306,064	29,015	28,555	43	98 548	57 764,403	1 844 158,264	31,926	31,465
44	97 271	56 312,281	1 600 188,025	28,416	27,956	44	98 447	56 992,845	1 786 393,861	31,344	30,884
45	97 078	55 506,422	1 543 875,744	27,814	27,354	45	98 336	56 226,008	1 729 401,016	30,758	30,298
46	96 863	54 699,730	1 488 369,322	27,210	26,749	46	98 211	55 461,377	1 673 175,008	30,168	29,708
47	96 623	53 890,794	1 433 669,592	26,603	26,143	47	98 073	54 699,482	1 617 713,631	29,575	29,114
48	96 344	53 071,830	1 379 778,798	25,998	25,538	48	97 913	53 935,844	1 563 014,149	28,979	28,519
49	96 035	52 248,509	1 326 706,968	25,392	24,932	49	97 740	53 175,765	1 509 078,305	28,379	27,919

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 1,25%

x	l_x	D_x	N_x	$ä_x$	$^{(12)}ä_x$	y	l_y	D_y	N_y	$ä_y$	$^{(12)}ä_y$
		Männer						Frauen			
50	95 691	51 418,527	1 274 458,459	24,786	24,326	50	97 538	52 411,208	1 455 902,540	27,778	27,318
51	95 308	50 580,556	1 223 039,933	24,180	23,720	51	97 324	51 650,120	1 403 491,332	27,173	26,713
52	94 857	49 719,761	1 172 459,377	23,581	23,121	52	97 085	50 887,647	1 351 841,212	26,565	26,105
53	94 382	48 860,111	1 122 739,616	22,979	22,518	53	96 819	50 121,424	1 300 953,565	25,956	25,496
54	93 861	47 990,535	1 073 879,505	22,377	21,917	54	96 528	49 353,809	1 250 832,141	25,344	24,884
55	93 280	47 104,527	1 025 888,971	21,779	21,319	55	96 220	48 588,948	1 201 478,332	24,727	24,267
56	92 649	46 208,210	978 784,443	21,182	20,722	56	95 879	47 819,051	1 152 889,384	24,109	23,649
57	91 974	45 305,075	932 576,233	20,584	20,124	57	95 517	47 050,536	1 105 070,333	23,487	23,026
58	91 234	44 385,767	887 271,158	19,990	19,530	58	95 135	46 283,946	1 058 019,796	22,859	22,399
59	90 431	43 452,274	842 885,391	19,398	18,938	59	94 716	45 510,842	1 011 735,850	22,231	21,770
60	89 568	42 506,279	799 433,117	18,807	18,347	60	94 268	44 736,730	966 225,008	21,598	21,138
61	88 638	41 545,244	756 926,838	18,219	17,759	61	93 760	43 946,299	921 488,278	20,969	20,508
62	87 648	40 574,208	715 381,594	17,631	17,171	62	93 222	43 154,323	877 541,980	20,335	19,875
63	86 597	39 592,871	674 807,385	17,044	16,583	63	92 634	42 352,712	834 387,656	19,701	19,241
64	85 502	38 609,661	635 214,514	16,452	15,992	64	92 009	41 547,996	792 034,944	19,063	18,603
65	84 297	37 595,477	596 604,853	15,869	15,409	65	91 333	40 733,474	750 486,949	18,424	17,964
66	83 028	36 572,178	559 009,376	15,285	14,825	66	90 620	39 916,396	709 753,475	17,781	17,321
67	81 654	35 523,194	522 437,198	14,707	14,247	67	89 845	39 086,361	669 837,079	17,137	16,677
68	80 194	34 457,319	486 914,004	14,131	13,671	68	89 024	38 251,271	630 750,718	16,490	16,029
69	78 659	33 380,262	452 456,685	13,555	13,094	69	88 160	37 412,175	592 499,447	15,837	15,377
70	77 011	32 277,719	419 076,424	12,983	12,523	70	87 223	36 557,828	555 087,272	15,184	14,723
71	75 258	31 153,396	386 798,705	12,416	11,956	71	86 211	35 687,491	518 529,443	14,530	14,069
72	73 382	30 001,780	355 645,309	11,854	11,394	72	85 101	34 793,024	482 841,952	13,878	13,417
73	71 393	28 828,125	325 643,529	11,296	10,836	73	83 869	33 865,975	448 048,928	13,230	12,770
74	69 262	27 622,335	296 815,404	10,745	10,285	74	82 505	32 903,974	414 182,953	12,588	12,127
75	66 916	26 357,367	269 193,070	10,213	9,753	75	80 970	31 893,049	381 278,978	11,955	11,495
76	64 411	25 057,395	242 835,702	9,691	9,231	76	79 232	30 823,398	349 385,929	11,335	10,875
77	61 730	23 718,087	217 778,308	9,182	8,722	77	77 292	29 697,231	318 562,531	10,727	10,267
78	58 844	22 330,239	194 060,221	8,690	8,230	78	75 149	28 517,445	288 865,300	10,129	9,669
79	55 736	20 889,633	171 729,983	8,221	7,760	79	72 739	27 262,164	260 347,855	9,550	9,089
80	52 456	19 417,474	150 840,350	7,768	7,308	80	70 098	25 948,035	233 085,691	8,983	8,522
81	49 044	17 930,186	131 422,876	7,330	6,869	81	67 171	24 557,334	207 137,656	8,435	7,974
82	45 471	16 418,684	113 492,690	6,912	6,452	82	63 974	23 099,893	182 580,323	7,904	7,444
83	41 818	14 913,382	97 074,006	6,509	6,049	83	60 446	21 556,608	159 480,430	7,398	6,938
84	38 142	13 434,504	82 160,623	6,116	5,655	84	56 655	19 955,317	137 923,822	6,912	6,451
85	34 397	11 965,779	68 726,119	5,744	5,283	85	52 558	18 283,688	117 968,505	6,452	5,992
86	30 660	10 534,202	56 760,340	5,388	4,928	86	48 209	16 563,583	99 684,817	6,018	5,558
87	26 953	9 146,159	46 226,138	5,054	4,594	87	43 667	14 817,697	83 121,233	5,610	5,149
88	23 308	7 811,524	37 079,980	4,747	4,286	88	38 938	13 049,941	68 303,536	5,234	4,774
89	19 851	6 570,866	29 268,456	4,454	3,994	89	34 176	11 312,692	55 253,596	4,884	4,424
90	16 530	5 404,221	22 697,589	4,200	3,740	90	29 340	9 591,856	43 940,904	4,581	4,121
91	13 621	4 398,122	17 293,369	3,932	3,472	91	24 798	8 006,992	34 349,048	4,290	3,829
92	10 899	3 475,841	12 895,247	3,710	3,250	92	20 392	6 502,970	26 342,056	4,051	3,590
93	8 541	2 690,211	9 419,406	3,501	3,041	93	16 533	5 207,348	19 839,086	3,810	3,349
94	6 537	2 033,504	6 729,195	3,309	2,849	94	13 107	4 077,147	14 631,739	3,589	3,128
95	4 880	1 499,182	4 695,691	3,132	2,672	95	10 146	3 117,225	10 554,592	3,386	2,926
96	3 548	1 076,547	3 196,509	2,969	2,509	96	7 660	2 324,283	7 437,367	3,200	2,739
97	2 509	751,967	2 119,962	2,819	2,359	97	5 632	1 687,935	5 113,085	3,029	2,569
98	1 724	510,236	1 367,995	2,681	2,221	98	4 028	1 192,355	3 425,149	2,873	2,412
99	1 149	335,867	857,759	2,554	2,093	99	2 799	818,231	2 232,794	2,729	2,268
100	742	214,194	521,892	2,437	1,976	100	1 887	544,757	1 414,564	2,597	2,136

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 1,5%

x	l_x	D_x	N_x	$ä_x$	$\overset{(12)}{ä}_x$	y	l_y	D_y	N_y	$ä_y$	$\overset{(12)}{ä}_y$
			Männer						Frauen		
0	100 000	100 000,000	4 598 401,934	45,984	45,523	0	100 000	100 000,000	4 762 969,443	47,630	47,169
1	99 613	98 141,102	4 498 401,934	45,836	45,375	1	99 685	98 211,558	4 662 969,443	47,479	47,018
2	99 581	96 659,102	4 400 260,832	45,524	45,063	2	99 658	96 734,614	4 564 757,885	47,188	46,728
3	99 562	95 212,668	4 303 601,730	45,200	44,739	3	99 644	95 290,844	4 468 023,271	46,888	46,427
4	99 548	93 792,540	4 208 389,062	44,869	44,408	4	99 632	93 872,115	4 372 732,427	46,582	46,121
5	99 535	92 394,172	4 114 596,522	44,533	44,072	5	99 621	92 473,820	4 278 860,312	46,271	45,810
6	99 524	91 018,906	4 022 202,350	44,191	43,730	6	99 610	91 098,003	4 186 386,492	45,955	45,494
7	99 513	89 664,325	3 931 183,444	43,843	43,383	7	99 602	89 743,911	4 095 288,488	45,633	45,172
8	99 505	88 331,958	3 841 519,119	43,490	43,029	8	99 593	88 410,058	4 005 544,577	45,306	44,846
9	99 497	87 019,310	3 753 187,161	43,131	42,670	9	99 586	87 097,090	3 917 134,520	44,974	44,514
10	99 489	85 726,578	3 666 167,851	42,766	42,305	10	99 579	85 804,022	3 830 037,429	44,637	44,176
11	99 480	84 452,134	3 580 441,273	42,396	41,935	11	99 572	84 529,982	3 744 233,408	44,295	43,834
12	99 472	83 196,933	3 495 989,139	42,021	41,560	12	99 564	83 274,111	3 659 703,425	43,948	43,487
13	99 461	81 958,300	3 412 792,206	41,641	41,180	13	99 556	82 036,855	3 576 429,314	43,595	43,135
14	99 450	80 738,139	3 330 833,906	41,255	40,794	14	99 547	80 817,247	3 494 392,459	43,238	42,777
15	99 435	79 533,025	3 250 095,766	40,865	40,404	15	99 536	79 614,274	3 413 575,212	42,876	42,416
16	99 417	78 343,711	3 170 562,741	40,470	40,009	16	99 524	78 427,841	3 333 960,938	42,510	42,049
17	99 391	77 165,877	3 092 219,030	40,072	39,612	17	99 508	77 256,920	3 255 533,097	42,139	41,678
18	99 358	75 999,738	3 015 053,153	39,672	39,211	18	99 493	76 102,978	3 178 276,177	41,763	41,302
19	99 310	74 840,538	2 939 053,415	39,271	38,810	19	99 470	74 961,177	3 102 173,199	41,384	40,923
20	99 261	73 698,488	2 864 212,876	38,864	38,403	20	99 449	73 838,123	3 027 212,022	40,998	40,537
21	99 208	72 570,292	2 790 514,388	38,453	37,992	21	99 427	72 730,770	2 953 373,899	40,607	40,146
22	99 154	71 459,187	2 717 944,096	38,035	37,574	22	99 406	71 640,934	2 880 643,130	40,209	39,749
23	99 101	70 365,729	2 646 484,910	37,610	37,150	23	99 384	70 566,367	2 809 002,195	39,807	39,346
24	99 050	69 289,599	2 576 119,181	37,179	36,718	24	99 361	69 507,623	2 738 435,828	39,398	38,937
25	98 994	68 227,416	2 506 829,582	36,742	36,281	25	99 341	68 466,574	2 668 928,205	38,981	38,521
26	98 940	67 182,199	2 438 602,166	36,298	35,838	26	99 319	67 439,914	2 600 461,631	38,560	38,099
27	98 882	66 150,901	2 371 419,967	35,849	35,388	27	99 296	66 427,540	2 533 021,717	38,132	37,671
28	98 820	65 132,049	2 305 269,066	35,394	34,933	28	99 269	65 428,271	2 466 594,176	37,699	37,238
29	98 760	64 130,946	2 240 137,017	34,931	34,470	29	99 244	64 445,050	2 401 165,906	37,259	36,798
30	98 695	63 141,649	2 176 006,071	34,462	34,001	30	99 216	63 474,443	2 336 720,856	36,814	36,353
31	98 632	62 168,715	2 112 864,422	33,986	33,525	31	99 188	62 518,697	2 273 246,413	36,361	35,900
32	98 562	61 206,248	2 050 695,707	33,505	33,044	32	99 158	61 576,172	2 210 727,716	35,902	35,442
33	98 489	60 257,394	1 989 489,459	33,017	32,556	33	99 122	60 644,675	2 149 151,543	35,438	34,978
34	98 414	59 321,575	1 929 232,065	32,522	32,061	34	99 086	59 726,602	2 088 506,868	34,968	34,507
35	98 336	58 398,544	1 869 910,490	32,020	31,559	35	99 044	58 818,948	2 028 780,266	34,492	34,031
36	98 254	57 487,182	1 811 511,947	31,512	31,051	36	99 005	57 926,652	1 969 961,319	34,008	33,547
37	98 167	56 587,728	1 754 024,765	30,997	30,536	37	98 958	57 043,473	1 912 034,667	33,519	33,058
38	98 074	55 698,555	1 697 437,037	30,475	30,015	38	98 905	56 170,472	1 854 991,194	33,024	32,564
39	97 966	54 815,106	1 641 738,482	29,950	29,490	39	98 850	55 309,558	1 798 820,722	32,523	32,062
40	97 854	53 943,033	1 586 923,376	29,419	28,958	40	98 784	54 456,126	1 743 511,164	32,017	31,556
41	97 728	53 077,667	1 532 980,343	28,882	28,421	41	98 715	53 613,466	1 689 055,037	31,504	31,044
42	97 594	52 221,651	1 479 902,677	28,339	27,878	42	98 636	52 778,813	1 635 441,572	30,987	30,526
43	97 445	51 371,215	1 427 681,026	27,791	27,331	43	98 548	51 952,547	1 582 662,759	30,464	30,003
44	97 271	50 521,783	1 376 309,811	27,242	26,781	44	98 447	51 132,365	1 530 710,212	29,936	29,475
45	97 078	49 676,131	1 325 788,028	26,689	26,228	45	98 336	50 320,133	1 479 577,847	29,403	28,943
46	96 863	48 833,596	1 276 111,897	26,132	25,671	46	98 211	49 513,562	1 429 257,714	28,866	28,405
47	96 623	47 992,911	1 227 278,301	25,572	25,111	47	98 073	48 713,096	1 379 744,152	28,324	27,863
48	96 344	47 147,163	1 179 285,390	25,013	24,552	48	97 913	47 914,723	1 331 031,056	27,779	27,318
49	96 035	46 301,428	1 132 138,226	24,451	23,991	49	97 740	47 123,142	1 283 116,333	27,229	26,768

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 1,5%

x	l_x	D_x	N_x	$\ddot{a}_x$	$\overset{(12)}{\ddot{a}}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$\overset{(12)}{\ddot{a}}_y$
			Männer						Frauen		
50	95 691	45 453,686	1 085 836,798	23,889	23,428	50	97 538	46 331,211	1 235 993,191	26,677	26,217
51	95 308	44 602,794	1 040 383,112	23,326	22,865	51	97 324	45 545,954	1 189 661,980	26,120	25,659
52	94 857	43 735,741	995 780,317	22,768	22,307	52	97 085	44 763,067	1 144 116,026	25,559	25,099
53	94 382	42 873,694	952 044,576	22,206	21,745	53	96 819	43 980,468	1 099 352,959	24,996	24,536
54	93 861	42 006,938	909 170,883	21,643	21,183	54	96 528	43 200,236	1 055 372,491	24,430	23,969
55	93 280	41 129,846	867 163,944	21,084	20,623	55	96 220	42 425,984	1 012 172,255	23,857	23,397
56	92 649	40 247,839	826 034,099	20,524	20,063	56	95 879	41 650,899	969 746,271	23,283	22,822
57	91 974	39 364,004	785 786,260	19,962	19,501	57	95 517	40 880,574	928 095,372	22,703	22,242
58	91 234	38 470,261	746 422,256	19,403	18,942	58	95 135	40 115,460	887 214,798	22,117	21,656
59	90 431	37 568,417	707 951,995	18,844	18,384	59	94 716	39 348,235	847 099,338	21,528	21,067
60	89 568	36 660,001	670 383,578	18,287	17,826	60	94 268	38 583,677	807 751,102	20,935	20,474
61	88 638	35 742,892	633 723,577	17,730	17,269	61	93 760	37 808,607	769 167,426	20,344	19,883
62	87 648	34 821,495	597 980,686	17,173	16,712	62	93 222	37 035,795	731 358,819	19,747	19,287
63	86 597	33 895,602	563 159,191	16,615	16,154	63	92 634	36 258,311	694 323,025	19,149	18,689
64	85 502	32 972,458	529 263,589	16,052	15,591	64	92 009	35 481,781	658 064,713	18,547	18,086
65	84 297	32 027,270	496 291,131	15,496	15,035	65	91 333	34 700,503	622 582,932	17,942	17,481
66	83 028	31 078,793	464 263,861	14,938	14,477	66	90 620	33 920,687	587 882,429	17,331	16,870
67	81 654	30 113,020	433 185,068	14,385	13,925	67	89 845	33 133,517	553 961,742	16,719	16,258
68	80 194	29 137,533	403 072,048	13,833	13,373	68	89 024	32 345,746	520 828,225	16,102	15,641
69	78 659	28 157,236	373 934,515	13,280	12,819	69	88 160	31 558,274	488 482,479	15,479	15,018
70	77 011	27 160,147	345 777,279	12,731	12,270	70	87 223	30 761,653	456 924,204	14,854	14,393
71	75 258	26 149,516	318 617,133	12,184	11,724	71	86 211	29 955,342	426 162,552	14,227	13,766
72	73 382	25 120,847	292 467,617	11,642	11,182	72	85 101	29 132,612	396 207,210	13,600	13,139
73	71 393	24 078,678	267 346,770	11,103	10,642	73	83 869	28 286,540	367 074,597	12,977	12,516
74	69 262	23 014,716	243 268,092	10,570	10,109	74	82 505	27 415,337	338 788,057	12,358	11,897
75	66 916	21 906,664	220 253,376	10,054	9,593	75	80 970	26 507,591	311 372,720	11,747	11,286
76	64 411	20 774,909	198 346,712	9,547	9,087	76	79 232	25 555,461	284 865,129	11,147	10,686
77	61 730	19 616,063	177 571,803	9,052	8,592	77	77 292	24 561,119	259 309,667	10,558	10,097
78	58 844	18 422,754	157 955,740	8,574	8,113	78	75 149	23 527,285	234 748,548	9,978	9,517
79	55 736	17 191,785	139 532,986	8,116	7,655	79	72 739	22 436,262	211 221,263	9,414	8,953
80	52 456	15 940,866	122 341,200	7,675	7,214	80	70 098	21 302,160	188 785,001	8,862	8,401
81	49 044	14 683,614	106 400,335	7,246	6,785	81	67 171	20 110,801	167 482,841	8,328	7,867
82	45 471	13 412,678	91 716,721	6,838	6,377	82	63 974	18 870,661	147 372,040	7,810	7,349
83	41 818	12 152,966	78 304,043	6,443	5,982	83	60 446	17 566,553	128 501,378	7,315	6,854
84	38 142	10 920,858	66 151,076	6,057	5,597	84	56 655	16 221,603	110 934,825	6,839	6,378
85	34 397	9 702,979	55 230,218	5,692	5,231	85	52 558	14 826,134	94 713,222	6,388	5,927
86	30 660	8 521,082	45 527,239	5,343	4,882	86	48 209	13 398,229	79 887,088	5,963	5,502
87	26 953	7 380,076	37 006,157	5,014	4,554	87	43 667	11 956,465	66 488,859	5,561	5,100
88	23 308	6 287,628	29 626,081	4,712	4,251	88	38 938	10 504,119	54 532,394	5,192	4,731
89	19 851	5 275,975	23 338,453	4,424	3,963	89	34 176	9 083,350	44 028,275	4,847	4,386
90	16 530	4 328,547	18 062,478	4,173	3,712	90	29 340	7 682,662	34 944,925	4,549	4,088
91	13 621	3 514,029	13 733,931	3,908	3,448	91	24 798	6 397,458	27 262,263	4,261	3,801
92	10 899	2 770,301	10 219,902	3,689	3,228	92	20 392	5 182,971	20 864,805	4,026	3,565
93	8 541	2 138,860	7 449,601	3,483	3,022	93	16 533	4 140,117	15 681,834	3,788	3,327
94	6 537	1 612,761	5 310,741	3,293	2,832	94	13 107	3 233,563	11 541,717	3,569	3,109
95	4 880	1 186,065	3 697,980	3,118	2,657	95	10 146	2 466,165	8 308,154	3,369	2,908
96	3 548	849,603	2 511,915	2,957	2,496	96	7 660	1 834,307	5 841,989	3,185	2,724
97	2 509	591,985	1 662,313	2,808	2,347	97	5 632	1 328,825	4 007,682	3,016	2,555
98	1 724	400,693	1 070,327	2,671	2,210	98	4 028	936,368	2 678,858	2,861	2,400
99	1 149	263,110	669,634	2,545	2,084	99	2 799	640,982	1 742,489	2,718	2,258
100	742	167,381	406,524	2,429	1,968	100	1 887	425,698	1 101,508	2,588	2,127

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 1,75%

x	l_x	D_x	N_x	$ä_x$	$^{(12)}ä_x$	y	l_y	D_y	N_y	$ä_y$	$^{(12)}ä_y$
			Männer						Frauen		
0	100 000	100 000,000	4 261 328,406	42,613	42,152	0	100 000	100 000,000	4 398 963,920	43,990	43,528
1	99 613	97 899,969	4 161 328,406	42,506	42,045	1	99 685	97 970,252	4 298 963,920	43,880	43,419
2	99 581	96 184,702	4 063 428,437	42,246	41,785	2	99 658	96 259,844	4 200 993,668	43,642	43,181
3	99 562	94 512,578	3 967 243,735	41,976	41,515	3	99 644	94 590,179	4 104 733,824	43,395	42,934
4	99 548	92 874,138	3 872 731,157	41,699	41,237	4	99 632	92 952,934	4 010 143,645	43,142	42,680
5	99 535	91 264,673	3 779 857,020	41,416	40,955	5	99 621	91 343,347	3 917 190,711	42,884	42,423
6	99 524	89 685,319	3 688 592,347	41,128	40,667	6	99 610	89 763,257	3 825 847,364	42,622	42,160
7	99 513	88 133,507	3 598 907,028	40,835	40,374	7	99 602	88 211,735	3 736 084,107	42,354	41,892
8	99 505	86 610,561	3 510 773,520	40,535	40,074	8	99 593	86 687,139	3 647 872,372	42,081	41,620
9	99 497	85 113,854	3 424 162,960	40,230	39,769	9	99 586	85 189,931	3 561 185,234	41,803	41,342
10	99 489	83 643,410	3 339 049,105	39,920	39,459	10	99 579	83 718,972	3 475 995,303	41,520	41,059
11	99 480	82 197,479	3 255 405,695	39,605	39,143	11	99 572	82 273,249	3 392 276,331	41,232	40,771
12	99 472	80 776,831	3 173 208,216	39,284	38,822	12	99 564	80 851,764	3 310 003,082	40,939	40,478
13	99 461	79 378,714	3 092 431,386	38,958	38,497	13	99 556	79 454,796	3 229 151,318	40,641	40,180
14	99 450	78 004,827	3 013 052,672	38,626	38,165	14	99 547	78 081,257	3 149 696,522	40,339	39,877
15	99 435	76 651,714	2 935 047,845	38,291	37,829	15	99 536	76 730,019	3 071 615,265	40,031	39,570
16	99 417	75 319,968	2 858 396,131	37,950	37,489	16	99 524	75 400,852	2 994 885,247	39,720	39,258
17	99 391	74 005,315	2 783 076,163	37,606	37,145	17	99 508	74 092,629	2 919 484,395	39,403	38,942
18	99 358	72 707,856	2 709 070,848	37,260	36,798	18	99 493	72 806,623	2 845 391,766	39,081	38,620
19	99 310	71 422,947	2 636 362,993	36,912	36,451	19	99 470	71 538,077	2 772 585,143	38,757	38,296
20	99 261	70 160,240	2 564 940,046	36,558	36,097	20	99 449	70 293,171	2 701 047,067	38,425	37,964
21	99 208	68 916,463	2 494 779,806	36,200	35,739	21	99 427	69 068,861	2 630 753,896	38,089	37,628
22	99 154	67 694,566	2 425 863,343	35,835	35,374	22	99 406	67 866,738	2 561 685,035	37,746	37,285
23	99 101	66 494,933	2 358 168,777	35,464	35,003	23	99 384	66 684,534	2 493 818,296	37,397	36,936
24	99 050	65 317,120	2 291 673,844	35,085	34,624	24	99 361	65 522,645	2 427 133,762	37,043	36,581
25	98 994	64 157,810	2 226 356,724	34,701	34,240	25	99 341	64 382,703	2 361 611,117	36,681	36,220
26	98 940	63 019,717	2 162 198,914	34,310	33,849	26	99 319	63 261,465	2 297 228,414	36,313	35,852
27	98 882	61 899,853	2 099 179,197	33,913	33,451	27	99 296	62 158,715	2 233 966,949	35,940	35,479
28	98 820	60 796,730	2 037 279,344	33,510	33,048	28	99 269	61 073,235	2 171 808,234	35,561	35,100
29	98 760	59 715,181	1 976 482,613	33,098	32,637	29	99 244	60 007,657	2 110 734,999	35,174	34,713
30	98 695	58 649,546	1 916 767,432	32,682	32,221	30	99 216	58 958,663	2 050 727,342	34,782	34,321
31	98 632	57 603,947	1 858 117,887	32,257	31,796	31	99 188	57 928,232	1 991 768,679	34,383	33,922
32	98 562	56 572,808	1 800 513,939	31,826	31,365	32	99 158	56 914,728	1 933 840,447	33,978	33,517
33	98 489	55 558,940	1 743 941,131	31,389	30,928	33	99 122	55 916,023	1 876 925,719	33,567	33,106
34	98 414	54 561,701	1 688 382,191	30,944	30,483	34	99 086	54 934,229	1 821 009,696	33,149	32,688
35	98 336	53 580,760	1 633 820,491	30,493	30,031	35	99 044	53 966,481	1 766 075,466	32,725	32,264
36	98 254	52 614,990	1 580 239,731	30,034	29,573	36	99 005	53 017,215	1 712 108,985	32,293	31,832
37	98 167	51 664,515	1 527 624,741	29,568	29,107	37	98 958	52 080,609	1 659 091,770	31,856	31,395
38	98 074	50 727,756	1 475 960,225	29,096	28,635	38	98 905	51 157,558	1 607 011,161	31,413	30,952
39	97 966	49 800,489	1 425 232,469	28,619	28,158	39	98 850	50 249,707	1 555 853,604	30,962	30,501
40	97 854	48 887,782	1 375 431,980	28,134	27,673	40	98 784	49 352,791	1 505 603,896	30,507	30,046
41	97 728	47 985,323	1 326 544,198	27,645	27,184	41	98 715	48 469,717	1 456 251,105	30,045	29,583
42	97 594	47 095,436	1 278 558,875	27,148	26,687	42	98 636	47 597,905	1 407 781,389	29,577	29,115
43	97 445	46 214,652	1 231 463,440	26,647	26,185	43	98 548	46 737,630	1 360 183,483	29,103	28,641
44	97 271	45 338,812	1 185 248,788	26,142	25,681	44	98 447	45 886,756	1 313 445,853	28,624	28,162
45	97 078	44 470,382	1 139 909,976	25,633	25,172	45	98 336	45 046,897	1 267 559,098	28,139	27,677
46	96 863	43 608,729	1 095 439,594	25,120	24,659	46	98 211	44 215,943	1 222 512,201	27,649	27,187
47	96 623	42 752,690	1 051 830,865	24,603	24,141	47	98 073	43 394,239	1 178 296,258	27,153	26,692
48	96 344	41 896,094	1 009 078,176	24,085	23,624	48	97 913	42 578,166	1 134 902,019	26,655	26,193
49	96 035	41 043,462	967 182,081	23,565	23,104	49	97 740	41 771,862	1 092 323,853	26,150	25,689

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 1,75%

x	l_x	D_x	N_x	$ä_x$	$ä_x^{(12)}$	y	l_y	D_y	N_y	$ä_y$	$ä_y^{(12)}$
			Männer						Frauen		
50	95 691	40 192,991	926 138,620	23,042	22,581	50	97 538	40 968,953	1 050 551,991	25,643	25,181
51	95 308	39 343,674	885 945,629	22,518	22,057	51	97 324	40 175,625	1 009 583,038	25,129	24,668
52	94 857	38 484,066	846 601,955	21,999	21,538	52	97 085	39 388,033	969 407,412	24,612	24,151
53	94 382	37 632,840	808 117,888	21,474	21,013	53	96 819	38 604,323	930 019,379	24,091	23,630
54	93 861	36 781,441	770 485,049	20,948	20,486	54	96 528	37 826,297	891 415,056	23,566	23,105
55	93 280	35 924,971	733 703,607	20,423	19,962	55	96 220	37 057,086	853 588,759	23,034	22,573
56	92 649	35 068,204	697 778,637	19,898	19,437	56	95 879	36 290,700	816 531,672	22,500	22,039
57	91 974	34 213,843	662 710,432	19,370	18,908	57	95 517	35 531,994	780 240,973	21,959	21,498
58	91 234	33 354,877	628 496,590	18,843	18,382	58	95 135	34 781,315	744 708,979	21,411	20,950
59	90 431	32 492,920	595 141,713	18,316	17,855	59	94 716	34 032,284	709 927,665	20,860	20,399
60	89 568	31 629,325	562 648,793	17,789	17,328	60	94 268	33 289,025	675 895,381	20,304	19,843
61	88 638	30 762,298	531 019,468	17,262	16,801	61	93 760	32 540,165	642 606,356	19,748	19,287
62	87 648	29 895,658	500 257,170	16,733	16,272	62	93 222	31 796,724	610 066,191	19,186	18,725
63	86 597	29 029,241	470 361,512	16,203	15,742	63	92 634	31 052,739	578 269,467	18,622	18,161
64	85 502	28 169,250	441 332,271	15,667	15,206	64	92 009	30 313,032	547 216,728	18,052	17,591
65	84 297	27 294,523	413 163,021	15,137	14,676	65	91 333	29 572,726	516 903,696	17,479	17,018
66	83 028	26 421,127	385 868,498	14,605	14,143	66	90 620	28 837,117	487 330,970	16,899	16,438
67	81 654	25 537,192	359 447,371	14,075	13,614	67	89 845	28 098,710	458 493,853	16,317	15,856
68	80 194	24 649,223	333 910,179	13,546	13,085	68	89 024	27 363,247	430 395,144	15,729	15,268
69	78 659	23 761,404	309 260,956	13,015	12,554	69	88 160	26 631,481	403 031,897	15,134	14,672
70	77 011	22 863,663	285 499,551	12,487	12,026	70	87 223	25 895,444	376 400,416	14,535	14,074
71	75 258	21 958,819	262 635,888	11,960	11,499	71	86 211	25 154,727	350 504,971	13,934	13,473
72	73 382	21 043,173	240 677,069	11,437	10,976	72	85 101	24 403,740	325 350,244	13,332	12,871
73	71 393	20 120,613	219 633,896	10,916	10,455	73	83 869	23 636,785	300 946,504	12,732	12,271
74	69 262	19 184,294	199 513,282	10,400	9,939	74	82 505	22 852,504	277 309,719	12,135	11,674
75	66 916	18 215,793	180 328,989	9,900	9,438	75	80 970	22 041,548	254 457,215	11,544	11,083
76	64 411	17 232,273	162 113,196	9,408	8,946	76	79 232	21 197,624	232 415,667	10,964	10,503
77	61 730	16 231,062	144 880,922	8,926	8,465	77	77 292	20 322,785	211 218,043	10,393	9,932
78	58 844	15 206,220	128 649,861	8,460	7,999	78	75 149	19 419,521	190 895,258	9,830	9,369
79	55 736	14 155,307	113 443,641	8,014	7,553	79	72 739	18 473,485	171 475,737	9,282	8,821
80	52 456	13 093,081	99 288,334	7,583	7,122	80	70 098	17 496,597	153 002,252	8,745	8,283
81	49 044	12 030,801	86 195,253	7,165	6,703	81	67 171	16 477,486	135 505,655	8,224	7,762
82	45 471	10 962,477	74 164,452	6,765	6,304	82	63 974	15 423,407	119 028,169	7,717	7,256
83	41 818	9 908,482	63 201,975	6,379	5,917	83	60 446	14 322,254	103 604,763	7,234	6,773
84	38 142	8 882,050	53 293,493	6,000	5,539	84	56 655	13 193,202	89 282,508	6,767	6,306
85	34 397	7 872,146	44 411,443	5,642	5,180	85	52 558	12 028,625	76 089,306	6,326	5,864
86	30 660	6 896,273	36 539,297	5,298	4,837	86	48 209	10 843,441	64 060,681	5,908	5,447
87	26 953	5 958,160	29 643,024	4,975	4,514	87	43 667	9 652,818	53 217,241	5,513	5,052
88	23 308	5 063,721	23 684,864	4,677	4,216	88	38 938	8 459,459	43 564,422	5,150	4,689
89	19 851	4 238,550	18 621,143	4,393	3,932	89	34 176	7 297,273	35 104,964	4,811	4,349
90	16 530	3 468,873	14 382,593	4,146	3,685	90	29 340	6 156,840	27 807,691	4,517	4,055
91	13 621	2 809,203	10 913,721	3,885	3,424	91	24 798	5 114,289	21 650,850	4,233	3,772
92	10 899	2 209,207	8 104,517	3,669	3,207	92	20 392	4 133,217	16 536,561	4,001	3,540
93	8 541	1 701,467	5 895,311	3,465	3,004	93	16 533	3 293,470	12 403,344	3,766	3,305
94	6 537	1 279,802	4 193,844	3,277	2,816	94	13 107	2 565,985	9 109,874	3,550	3,089
95	4 880	938,886	2 914,042	3,104	2,643	95	10 146	1 952,210	6 543,890	3,352	2,891
96	3 548	670,891	1 975,157	2,944	2,483	96	7 660	1 448,465	4 591,680	3,170	2,709
97	2 509	466,314	1 304,266	2,797	2,336	97	5 632	1 046,732	3 143,216	3,003	2,542
98	1 724	314,855	837,952	2,661	2,200	98	4 028	735,776	2 096,484	2,849	2,388
99	1 149	206,238	523,096	2,536	2,075	99	2 799	502,431	1 360,708	2,708	2,247
100	742	130,878	316,859	2,421	1,960	100	1 887	332,862	858,277	2,578	2,117

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 2%

x	l_x	D_x	N_x	$ä_x$	$^{(12)}ä_x$	y	l_y	D_y	N_y	$ä_y$	$^{(12)}ä_y$
			Männer						Frauen		
0	100 000	100 000,000	3 961 761,065	39,618	39,156	0	100 000	100 000,000	4 077 112,746	40,771	40,310
1	99 613	97 660,018	3 861 761,065	39,543	39,081	1	99 685	97 730,129	3 977 112,746	40,695	40,233
2	99 581	95 713,787	3 764 101,047	39,327	38,865	2	99 658	95 788,560	3 879 382,617	40,499	40,038
3	99 562	93 819,334	3 668 387,260	39,101	38,639	3	99 644	93 896,366	3 783 594,057	40,295	39,834
4	99 548	91 966,949	3 574 567,926	38,868	38,406	4	99 632	92 044,975	3 689 697,691	40,086	39,624
5	99 535	90 151,702	3 482 600,977	38,630	38,169	5	99 621	90 229,417	3 597 652,716	39,872	39,411
6	99 524	88 374,473	3 392 449,275	38,387	37,926	6	99 610	88 451,272	3 507 423,299	39,654	39,192
7	99 513	86 632,486	3 304 074,802	38,139	37,677	7	99 602	86 709,381	3 418 972,027	39,430	38,969
8	99 505	84 926,812	3 217 442,317	37,885	37,423	8	99 593	85 001,901	3 332 262,647	39,202	38,741
9	99 497	83 254,645	3 132 515,505	37,626	37,164	9	99 586	83 329,060	3 247 260,746	38,969	38,508
10	99 489	81 615,791	3 049 260,860	37,361	36,900	10	99 579	81 689,521	3 163 931,686	38,731	38,270
11	99 480	80 008,330	2 967 645,070	37,092	36,630	11	99 572	80 082,082	3 082 242,165	38,489	38,027
12	99 472	78 432,808	2 887 636,740	36,817	36,355	12	99 564	78 505,566	3 002 160,084	38,241	37,780
13	99 461	76 886,352	2 809 203,932	36,537	36,075	13	99 556	76 960,046	2 923 654,517	37,989	37,528
14	99 450	75 370,418	2 732 317,580	36,252	35,790	14	99 547	75 444,267	2 846 694,471	37,732	37,271
15	99 435	73 881,476	2 656 947,162	35,962	35,501	15	99 536	73 956,951	2 771 250,205	37,471	37,010
16	99 417	72 419,924	2 583 065,686	35,668	35,206	16	99 524	72 497,694	2 697 293,254	37,205	36,744
17	99 391	70 981,487	2 510 645,762	35,370	34,909	17	99 508	71 065,233	2 624 795,561	36,935	36,473
18	99 358	69 566,118	2 439 664,275	35,070	34,608	18	99 493	69 660,617	2 553 730,327	36,660	36,198
19	99 310	68 169,238	2 370 098,157	34,768	34,306	19	99 470	68 279,123	2 484 069,710	36,381	35,919
20	99 261	66 799,927	2 301 928,919	34,460	33,998	20	99 449	66 926,491	2 415 790,587	36,096	35,635
21	99 208	65 454,898	2 235 128,992	34,148	33,686	21	99 427	65 599,641	2 348 864,095	35,806	35,344
22	99 154	64 136,790	2 169 674,094	33,829	33,367	22	99 406	64 299,914	2 283 264,454	35,510	35,048
23	99 101	62 845,793	2 105 537,304	33,503	33,042	23	99 384	63 024,990	2 218 964,540	35,208	34,746
24	99 050	61 581,312	2 042 691,510	33,171	32,709	24	99 361	61 775,082	2 155 939,550	34,900	34,438
25	98 994	60 340,052	1 981 110,198	32,832	32,371	25	99 341	60 551,563	2 094 164,469	34,585	34,123
26	98 940	59 124,414	1 920 770,146	32,487	32,025	26	99 319	59 351,219	2 033 612,906	34,264	33,802
27	98 882	57 931,432	1 861 645,732	32,135	31,674	27	99 296	58 173,698	1 974 261,687	33,937	33,476
28	98 820	56 759,572	1 803 714,300	31,778	31,317	28	99 269	57 017,716	1 916 087,988	33,605	33,144
29	98 760	55 613,201	1 746 954,727	31,413	30,951	29	99 244	55 885,586	1 859 070,272	33,266	32,804
30	98 695	54 486,892	1 691 341,527	31,041	30,580	30	99 216	54 774,070	1 803 184,686	32,920	32,459
31	98 632	53 384,340	1 636 854,635	30,662	30,200	31	99 188	53 684,870	1 748 410,616	32,568	32,106
32	98 562	52 300,232	1 583 470,295	30,277	29,815	32	99 158	52 616,329	1 694 725,747	32,209	31,748
33	98 489	51 237,045	1 531 170,063	29,884	29,422	33	99 122	51 566,351	1 642 109,418	31,845	31,383
34	98 414	50 194,053	1 479 933,018	29,484	29,023	34	99 086	50 536,761	1 590 543,067	31,473	31,011
35	98 336	49 170,824	1 429 738,965	29,077	28,615	35	99 044	49 524,798	1 540 006,306	31,096	30,634
36	98 254	48 166,197	1 380 568,141	28,663	28,201	36	99 005	48 534,411	1 490 481,507	30,710	30,248
37	98 167	47 180,166	1 332 401,945	28,241	27,779	37	98 958	47 560,144	1 441 947,096	30,318	29,857
38	98 074	46 211,174	1 285 221,779	27,812	27,350	38	98 905	46 602,708	1 394 386,952	29,921	29,459
39	97 966	45 255,275	1 239 010,604	27,378	26,917	39	98 850	45 663,494	1 347 784,243	29,516	29,054
40	97 854	44 316,982	1 193 755,330	26,937	26,475	40	98 784	44 738,515	1 302 120,750	29,105	28,644
41	97 728	43 392,284	1 149 438,347	26,489	26,028	41	98 715	43 830,313	1 257 382,235	28,688	28,226
42	97 594	42 483,194	1 106 046,063	26,035	25,573	42	98 636	42 936,454	1 213 551,922	28,264	27,802
43	97 445	41 586,490	1 063 562,869	25,575	25,113	43	98 548	42 057,095	1 170 615,468	27,834	27,372
44	97 271	40 698,365	1 021 976,379	25,111	24,649	44	98 447	41 190,227	1 128 558,373	27,399	26,937
45	97 078	39 820,979	981 278,014	24,642	24,181	45	98 336	40 337,219	1 087 368,146	26,957	26,495
46	96 863	38 953,703	941 457,034	24,169	23,707	46	98 211	39 496,100	1 047 030,927	26,510	26,048
47	96 623	38 095,441	902 503,331	23,691	23,229	47	98 073	38 667,104	1 007 534,827	26,057	25,595
48	96 344	37 240,659	864 407,890	23,211	22,750	48	97 913	37 846,939	968 867,723	25,600	25,138
49	96 035	36 393,351	827 167,232	22,729	22,267	49	97 740	37 039,225	931 020,784	25,136	24,674

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 2%

x	l_x	D_x	N_x	$ä_x$	$ä_x^{(12)}$	y	l_y	D_y	N_y	$ä_y$	$ä_y^{(12)}$
			Männer						Frauen		
50	95 691	35 551,885	790 773,881	22,243	21,781	50	97 538	36 238,247	893 981,558	24,670	24,208
51	95 308	34 715,343	755 221,996	21,755	21,293	51	97 324	35 449,425	857 743,312	24,196	23,735
52	94 857	33 873,631	720 506,652	21,270	20,809	52	97 085	34 669,302	822 293,886	23,718	23,257
53	94 382	33 043,195	686 633,021	20,780	20,318	53	96 819	33 896,198	787 624,584	23,236	22,775
54	93 861	32 216,476	653 589,826	20,287	19,826	54	96 528	33 131,654	753 728,387	22,749	22,288
55	93 280	31 389,179	621 373,350	19,796	19,334	55	96 220	32 378,357	720 596,732	22,256	21,794
56	92 649	30 565,487	589 984,171	19,302	18,841	56	95 879	31 631,015	688 218,375	21,758	21,296
57	91 974	29 747,734	559 418,684	18,805	18,344	57	95 517	30 893,820	656 587,361	21,253	20,791
58	91 234	28 929,812	529 670,951	18,309	17,847	58	95 135	30 167,010	625 693,541	20,741	20,279
59	90 431	28 113,134	500 741,138	17,812	17,350	59	94 716	29 445,004	595 526,531	20,225	19,763
60	89 568	27 298,872	472 628,005	17,313	16,851	60	94 268	28 731,337	566 081,527	19,703	19,241
61	88 638	26 485,476	445 329,133	16,814	16,352	61	93 760	28 016,170	537 350,190	19,180	18,718
62	87 648	25 676,237	418 843,657	16,313	15,851	62	93 222	27 308,990	509 334,019	18,651	18,189
63	86 597	24 870,997	393 167,420	15,808	15,347	63	92 634	26 604,642	482 025,029	18,118	17,656
64	85 502	24 075,041	368 296,423	15,298	14,836	64	92 009	25 907,239	455 420,388	17,579	17,117
65	84 297	23 270,275	344 221,382	14,792	14,331	65	91 333	25 212,584	429 513,149	17,036	16,574
66	83 028	22 470,441	320 951,107	14,283	13,822	66	90 620	24 525,173	404 300,565	16,485	16,024
67	81 654	21 665,446	298 480,667	13,777	13,315	67	89 845	23 838,607	379 775,392	15,931	15,469
68	80 194	20 860,849	276 815,221	13,270	12,808	68	89 024	23 157,750	355 936,785	15,370	14,908
69	78 659	20 060,192	255 954,372	12,759	12,298	69	88 160	22 483,210	332 779,035	14,801	14,340
70	77 011	19 254,979	235 894,180	12,251	11,789	70	87 223	21 808,239	310 295,826	14,228	13,767
71	75 258	18 447,625	216 639,201	11,743	11,282	71	86 211	21 132,510	288 487,587	13,651	13,190
72	73 382	17 635,060	198 191,576	11,238	10,777	72	85 101	20 451,356	267 355,076	13,073	12,611
73	71 393	16 820,588	180 556,516	10,734	10,273	73	83 869	19 760,065	246 903,721	12,495	12,033
74	69 262	15 998,528	163 735,928	10,234	9,773	74	82 505	19 057,591	227 143,655	11,919	11,457
75	66 916	15 153,625	147 737,400	9,749	9,288	75	80 970	18 336,251	208 086,064	11,348	10,887
76	64 411	14 300,304	132 583,774	9,271	8,810	76	79 232	17 590,974	189 749,813	10,787	10,325
77	61 730	13 436,430	118 283,470	8,803	8,342	77	77 292	16 823,648	172 158,839	10,233	9,772
78	58 844	12 557,190	104 847,040	8,350	7,888	78	75 149	16 036,504	155 335,190	9,686	9,225
79	55 736	11 660,703	92 289,851	7,915	7,453	79	72 739	15 217,884	139 298,686	9,154	8,692
80	52 456	10 759,239	80 629,147	7,494	7,032	80	70 098	14 377,828	124 080,802	8,630	8,168
81	49 044	9 862,079	69 869,909	7,085	6,623	81	67 171	13 507,186	109 702,974	8,122	7,660
82	45 471	8 964,310	60 007,830	6,694	6,232	82	63 974	12 612,132	96 195,788	7,627	7,166
83	41 818	8 082,571	51 043,519	6,315	5,854	83	60 446	11 682,985	83 583,656	7,154	6,693
84	38 142	7 227,530	42 960,948	5,944	5,482	84	56 655	10 735,614	71 900,671	6,697	6,236
85	34 397	6 390,048	35 733,418	5,592	5,130	85	52 558	9 763,981	61 165,057	6,264	5,803
86	30 660	5 584,182	29 343,371	5,255	4,793	86	48 209	8 780,359	51 401,077	5,854	5,392
87	26 953	4 812,731	23 759,188	4,937	4,475	87	43 667	7 797,108	42 620,718	5,466	5,005
88	23 308	4 080,219	18 946,458	4,643	4,182	88	38 938	6 816,418	34 823,610	5,109	4,647
89	19 851	3 406,946	14 866,239	4,364	3,902	89	34 176	5 865,547	28 007,192	4,775	4,313
90	16 530	2 781,445	11 459,293	4,120	3,658	90	29 340	4 936,738	22 141,645	4,485	4,023
91	13 621	2 246,982	8 677,848	3,862	3,400	91	24 798	4 090,738	17 204,907	4,206	3,744
92	10 899	1 762,735	6 430,866	3,648	3,187	92	20 392	3 297,911	13 114,169	3,977	3,515
93	8 541	1 354,279	4 668,132	3,447	2,985	93	16 533	2 621,432	9 816,259	3,745	3,283
94	6 537	1 016,159	3 313,852	3,261	2,800	94	13 107	2 037,385	7 194,827	3,531	3,070
95	4 880	743,646	2 297,693	3,090	2,628	95	10 146	1 546,250	5 157,441	3,335	2,874
96	3 548	530,078	1 554,047	2,932	2,470	96	7 660	1 144,446	3 611,191	3,155	2,694
97	2 509	367,536	1 023,969	2,786	2,324	97	5 632	825,006	2 466,745	2,990	2,528
98	1 724	247,552	656,433	2,652	2,190	98	4 028	578,498	1 641,738	2,838	2,376
99	1 149	161,755	408,880	2,528	2,066	99	2 799	394,064	1 063,240	2,698	2,237
100	742	102,398	247,125	2,413	1,952	100	1 887	260,429	669,176	2,570	2,108

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 2,25%

x	l_x	D_x	N_x	$ä_x$	$ä_x^{(12)}$	y	l_y	D_y	N_y	$ä_y$	$ä_y^{(12)}$
			Männer						Frauen		
0	100 000	100 000,000	3 694 718,232	36,947	36,485	0	100 000	100 000,000	3 791 603,089	37,916	37,454
1	99 613	97 421,240	3 594 718,232	36,899	36,437	1	99 685	97 491,180	3 691 603,089	37,866	37,404
2	99 581	95 246,321	3 497 296,992	36,718	36,256	2	99 658	95 320,729	3 594 111,909	37,705	37,243
3	99 562	93 132,854	3 402 050,671	36,529	36,067	3	99 644	93 209,322	3 498 791,180	37,537	37,075
4	99 548	91 070,810	3 308 917,817	36,333	35,871	4	99 632	91 148,076	3 405 581,858	37,363	36,901
5	99 535	89 054,979	3 217 847,007	36,133	35,671	5	99 621	89 131,749	3 314 433,782	37,186	36,724
6	99 524	87 085,924	3 128 792,028	35,928	35,466	6	99 610	87 161,604	3 225 302,033	37,004	36,542
7	99 513	85 160,610	3 041 706,104	35,717	35,255	7	99 602	85 236,198	3 138 140,430	36,817	36,355
8	99 505	83 279,798	2 956 545,494	35,501	35,039	8	99 593	83 353,430	3 052 904,232	36,626	36,164
9	99 497	81 440,450	2 873 265,696	35,281	34,819	9	99 586	81 513,244	2 969 550,801	36,430	35,968
10	99 489	79 642,107	2 791 825,246	35,055	34,593	10	99 579	79 714,055	2 888 037,557	36,230	35,768
11	99 480	77 882,630	2 712 183,139	34,824	34,362	11	99 572	77 954,423	2 808 323,503	36,025	35,563
12	99 472	76 162,295	2 634 300,508	34,588	34,126	12	99 564	76 232,948	2 730 369,080	35,816	35,354
13	99 461	74 478,063	2 558 138,213	34,348	33,886	13	99 556	74 549,448	2 654 136,132	35,602	35,140
14	99 450	72 831,104	2 483 660,150	34,102	33,640	14	99 547	72 902,465	2 579 586,684	35,384	34,922
15	99 435	71 217,773	2 410 829,046	33,852	33,389	15	99 536	71 290,526	2 506 684,219	35,162	34,700
16	99 417	69 638,234	2 339 611,273	33,597	33,135	16	99 524	69 713,016	2 435 393,693	34,935	34,473
17	99 391	68 088,165	2 269 973,039	33,339	32,877	17	99 508	68 168,498	2 365 680,677	34,703	34,241
18	99 358	66 567,333	2 201 884,874	33,078	32,616	18	99 493	66 657,759	2 297 512,179	34,467	34,005
19	99 310	65 071,181	2 135 317,541	32,815	32,353	19	99 470	65 176,072	2 230 854,420	34,228	33,766
20	99 261	63 608,197	2 070 246,360	32,547	32,085	20	99 449	63 728,715	2 165 678,348	33,983	33,521
21	99 208	62 175,045	2 006 638,163	32,274	31,812	21	99 427	62 312,535	2 101 949,633	33,732	33,270
22	99 154	60 774,029	1 944 463,118	31,995	31,533	22	99 406	60 928,600	2 039 637,098	33,476	33,014
23	99 101	59 405,120	1 883 689,088	31,709	31,247	23	99 384	59 574,506	1 978 708,498	33,214	32,752
24	99 050	58 067,544	1 824 283,968	31,417	30,955	24	99 361	58 250,258	1 919 133,992	32,946	32,484
25	98 994	56 757,997	1 766 216,424	31,118	30,656	25	99 341	56 956,952	1 860 883,734	32,672	32,210
26	98 940	55 478,547	1 709 458,427	30,813	30,351	26	99 319	55 691,367	1 803 926,782	32,391	31,929
27	98 882	54 226,223	1 653 979,879	30,501	30,039	27	99 296	54 452,994	1 748 235,416	32,105	31,643
28	98 820	52 999,413	1 599 753,657	30,184	29,722	28	99 269	53 240,455	1 693 782,422	31,814	31,352
29	98 760	51 802,019	1 546 754,244	29,859	29,397	29	99 244	52 055,738	1 640 541,967	31,515	31,053
30	98 695	50 628,806	1 494 952,225	29,528	29,066	30	99 216	50 895,650	1 588 486,229	31,211	30,749
31	98 632	49 483,041	1 444 323,418	29,188	28,726	31	99 188	49 761,609	1 537 590,579	30,899	30,437
32	98 562	48 359,631	1 394 840,377	28,843	28,381	32	99 158	48 651,911	1 487 828,971	30,581	30,119
33	98 489	47 260,715	1 346 480,747	28,490	28,028	33	99 122	47 564,465	1 439 177,060	30,257	29,795
34	98 414	46 185,467	1 299 220,031	28,130	27,668	34	99 086	46 500,806	1 391 612,594	29,927	29,465
35	98 336	45 133,334	1 253 034,564	27,763	27,301	35	99 044	45 458,243	1 345 111,789	29,590	29,128
36	98 254	44 103,102	1 207 901,231	27,388	26,926	36	99 005	44 440,256	1 299 653,546	29,245	28,783
37	98 167	43 094,625	1 163 798,129	27,006	26,544	37	98 958	43 441,699	1 255 213,290	28,894	28,432
38	98 074	42 106,341	1 120 703,504	26,616	26,154	38	98 905	42 463,095	1 211 771,591	28,537	28,075
39	97 966	41 134,531	1 078 597,163	26,221	25,759	39	98 850	41 505,580	1 169 308,496	28,172	27,710
40	97 854	40 183,187	1 037 462,632	25,818	25,356	40	98 784	40 565,400	1 127 802,916	27,802	27,340
41	97 728	39 248,546	997 279,445	25,409	24,947	41	98 715	39 644,745	1 087 237,516	27,425	26,962
42	97 594	38 332,317	958 030,899	24,993	24,531	42	98 636	38 741,291	1 047 592,771	27,041	26,579
43	97 445	37 431,483	919 698,582	24,570	24,108	43	98 548	37 855,069	1 008 851,480	26,650	26,188
44	97 271	36 542,528	882 267,098	24,144	23,682	44	98 447	36 984,164	970 996,411	26,254	25,792
45	97 078	35 667,315	845 724,570	23,711	23,249	45	98 336	36 129,707	934 012,247	25,852	25,390
46	96 863	34 805,196	810 057,255	23,274	22,812	46	98 211	35 289,828	897 882,540	25,443	24,981
47	96 623	33 955,114	775 252,059	22,832	22,370	47	98 073	34 464,647	862 592,712	25,028	24,566
48	96 344	33 112,075	741 296,945	22,388	21,925	48	97 913	33 651,142	828 128,065	24,609	24,147
49	96 035	32 279,585	708 184,870	21,939	21,477	49	97 740	32 852,452	794 476,923	24,183	23,721

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 2,25%

x	l_x	D_x	N_x	$\ddot{a}_x$	$\ddot{a}_x^{(12)}$	y	l_y	D_y	N_y	$\ddot{a}_y$	$\ddot{a}_y^{(12)}$
			Männer						Frauen		
50	95 691	31 456 137	675 905 285	21,487	21,025	50	97 538	32 063 426	761 624 470	23,754	23,292
51	95 308	30 640 869	644 449 148	21,032	20,570	51	97 324	31 288 793	729 561 044	23,317	22,855
52	94 857	29 824 847	613 808 279	20,580	20,118	52	97 085	30 525 414	698 272 251	22,875	22,413
53	94 382	29 022 536	583 983 433	20,122	19,660	53	96 819	29 771 746	667 746 837	22,429	21,967
54	93 861	28 227 227	554 960 897	19,660	19,198	54	96 528	29 029 082	637 975 091	21,977	21,515
55	93 280	27 435 128	526 733 670	19,199	18,737	55	96 220	28 299 700	608 946 010	21,518	21,056
56	92 649	26 649 876	499 298 543	18,735	18,273	56	95 879	27 578 904	580 646 309	21,054	20,592
57	91 974	25 873 467	472 648 666	18,268	17,806	57	95 517	26 870 289	553 067 405	20,583	20,121
58	91 234	25 100 548	446 775 200	17,799	17,337	58	95 135	26 173 986	526 197 116	20,104	19,642
59	90 431	24 332 331	421 674 651	17,330	16,868	59	94 716	25 485 084	500 023 130	19,620	19,158
60	89 568	23 569 806	397 342 321	16,858	16,396	60	94 268	24 806 594	474 538 046	19,130	18,667
61	88 638	22 811 610	373 772 515	16,385	15,923	61	93 760	24 129 978	449 731 452	18,638	18,176
62	87 648	22 060 553	350 960 905	15,909	15,447	62	93 222	23 463 384	425 601 473	18,139	17,677
63	86 597	21 316 459	328 900 351	15,429	14,967	63	92 634	22 802 333	402 138 089	17,636	17,174
64	85 502	20 583 810	307 583 893	14,943	14,481	64	92 009	22 150 312	379 335 756	17,126	16,664
65	84 297	19 847 101	287 000 083	14,461	13,999	65	91 333	21 503 687	357 185 444	16,610	16,148
66	83 028	19 118 069	267 152 982	13,974	13,512	66	90 620	20 866 256	335 681 757	16,087	15,625
67	81 654	18 388 103	248 034 912	13,489	13,027	67	89 845	20 232 528	314 815 501	15,560	15,098
68	80 194	17 661 928	229 646 810	13,002	12,540	68	89 024	19 606 610	294 582 973	15,025	14,563
69	78 659	16 942 523	211 984 881	12,512	12,050	69	88 160	18 988 966	274 976 363	14,481	14,019
70	77 011	16 222 691	195 042 358	12,023	11,561	70	87 223	18 373 862	255 987 397	13,932	13,470
71	75 258	15 504 479	178 819 667	11,533	11,071	71	86 211	17 761 016	237 613 535	13,378	12,916
72	73 382	14 785 313	163 315 188	11,046	10,584	72	85 101	17 146 507	219 852 519	12,822	12,360
73	71 393	14 067 975	148 529 875	10,558	10,096	73	83 869	16 526 420	202 706 012	12,266	11,804
74	69 262	13 347 727	134 461 900	10,074	9,612	74	82 505	15 899 933	186 179 591	11,709	11,247
75	66 916	12 611 904	121 114 173	9,603	9,141	75	80 970	15 260 708	170 279 659	11,158	10,696
76	64 411	11 872 612	108 502 269	9,139	8,677	76	79 232	14 604 640	155 018 951	10,614	10,152
77	61 730	11 128 118	96 629 657	8,683	8,221	77	77 292	13 933 430	140 414 310	10,078	9,615
78	58 844	10 374 499	85 501 539	8,242	7,779	78	75 149	13 249 040	126 480 881	9,546	9,084
79	55 736	9 610 286	75 127 040	7,817	7,355	79	72 739	12 541 972	113 231 841	9,028	8,566
80	52 456	8 845 654	65 516 754	7,407	6,945	80	70 098	11 820 659	100 689 869	8,518	8,056
81	49 044	8 088 234	56 671 100	7,007	6,545	81	67 171	11 077 714	88 869 210	8,022	7,560
82	45 471	7 333 968	48 582 865	6,624	6,162	82	63 974	10 318 359	77 791 496	7,539	7,077
83	41 818	6 596 423	41 248 898	6,253	5,791	83	60 446	9 534 826	67 473 138	7,076	6,614
84	38 142	5 884 177	34 652 474	5,889	5,427	84	56 655	8 740 227	57 938 311	6,629	6,167
85	34 397	5 189 634	28 768 297	5,543	5,081	85	52 558	7 929 752	49 198 084	6,204	5,742
86	30 660	4 524 068	23 578 663	5,212	4,750	86	48 209	7 113 475	41 268 332	5,801	5,339
87	26 953	3 889 538	19 054 595	4,899	4,437	87	43 667	6 301 442	34 154 857	5,420	4,958
88	23 308	3 289 476	15 165 057	4,610	4,148	88	38 938	5 495 402	27 853 416	5,068	4,606
89	19 851	2 739 967	11 875 582	4,334	3,872	89	34 176	4 717 247	22 358 014	4,740	4,278
90	16 530	2 231 452	9 135 615	4,094	3,632	90	29 340	3 960 564	17 640 767	4,454	3,992
91	13 621	1 798 264	6 904 163	3,839	3,377	91	24 798	3 273 825	13 680 203	4,179	3,717
92	10 899	1 407 271	5 105 900	3,628	3,166	92	20 392	2 632 871	10 406 378	3,952	3,490
93	8 541	1 078 539	3 698 629	3,429	2,967	93	16 533	2 087 690	7 773 507	3,723	3,261
94	6 537	807 284	2 620 090	3,246	2,784	94	13 107	1 618 593	5 685 817	3,513	3,051
95	4 880	589 342	1 812 806	3,076	2,614	95	10 146	1 225 409	4 067 224	3,319	2,857
96	3 548	419 061	1 223 464	2,920	2,458	96	7 660	904 760	2 841 815	3,141	2,679
97	2 509	289 851	804 403	2,775	2,313	97	5 632	650 627	1 937 055	2,977	2,515
98	1 724	194 751	514 552	2,642	2,180	98	4 028	455 107	1 286 428	2,827	2,365
99	1 149	126 942	319 801	2,519	2,057	99	2 799	309 254	831 320	2,688	2,226
100	742	80 164	192 858	2,406	1,944	100	1 887	203 880	522 066	2,561	2,099

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 2,5%

x	l_x	D_x	N_x	$ä_x$	$^{(12)}ä_x$	y	l_y	D_y	N_y	$ä_y$	$^{(12)}ä_y$
			Männer						Frauen		
0	100 000	100 000,000	3 455 952,691	34,560	34,097	0	100 000	100 000,000	3 537 509,412	35,375	34,913
1	99 613	97 183,628	3 355 952,691	34,532	34,070	1	99 685	97 253,396	3 437 509,412	35,346	34,883
2	99 581	94 782,271	3 258 769,063	34,382	33,919	2	99 658	94 856,317	3 340 256,016	35,214	34,751
3	99 562	92 453,055	3 163 986,792	34,223	33,760	3	99 644	92 528,965	3 245 399,699	35,074	34,612
4	99 548	90 185,560	3 071 533,737	34,058	33,596	4	99 632	90 262,074	3 152 870,734	34,930	34,468
5	99 535	87 974,228	2 981 348,177	33,889	33,426	5	99 621	88 050,065	3 062 608,659	34,783	34,320
6	99 524	85 819,242	2 893 373,950	33,715	33,252	6	99 610	85 893,820	2 974 558,594	34,631	34,168
7	99 513	83 717,244	2 807 554,708	33,536	33,074	7	99 602	83 791,551	2 888 664,774	34,474	34,012
8	99 505	81 668,630	2 723 837,464	33,352	32,890	8	99 593	81 740,838	2 804 873,223	34,314	33,852
9	99 497	79 670,076	2 642 168,834	33,164	32,701	9	99 586	79 741,287	2 723 132,384	34,150	33,687
10	99 489	77 720,799	2 562 498,759	32,971	32,508	10	99 579	77 791,010	2 643 391,098	33,981	33,518
11	99 480	75 818,393	2 484 777,960	32,773	32,310	11	99 572	75 888,283	2 565 600,087	33,808	33,345
12	99 472	73 962,816	2 408 959,567	32,570	32,107	12	99 564	74 031,428	2 489 711,805	33,630	33,168
13	99 461	72 150,815	2 334 996,751	32,363	31,900	13	99 556	72 219,969	2 415 680,376	33,449	32,987
14	99 450	70 383,233	2 262 845,936	32,150	31,688	14	99 547	70 452,195	2 343 460,407	33,263	32,801
15	99 435	68 656,262	2 192 462,703	31,934	31,471	15	99 536	68 726,399	2 273 008,212	33,073	32,611
16	99 417	66 969,795	2 123 806,440	31,713	31,250	16	99 524	67 041,711	2 204 281,812	32,879	32,417
17	99 391	65 319,418	2 056 836,646	31,489	31,026	17	99 508	65 396,483	2 137 240,101	32,681	32,219
18	99 358	63 704,672	1 991 517,228	31,262	30,799	18	99 493	63 791,209	2 071 843,618	32,479	32,016
19	99 310	62 120,975	1 927 812,557	31,033	30,571	19	99 470	62 221,110	2 008 052,409	32,273	31,810
20	99 261	60 576,212	1 865 691,582	30,799	30,337	20	99 449	60 690,985	1 945 831,298	32,061	31,599
21	99 208	59 066,955	1 805 115,369	30,560	30,098	21	99 427	59 197,573	1 885 140,313	31,845	31,382
22	99 154	57 595,156	1 746 048,414	30,316	29,853	22	99 406	57 741,642	1 825 942,741	31,623	31,160
23	99 101	56 160,538	1 688 453,258	30,065	29,602	23	99 384	56 320,672	1 768 201,099	31,395	30,933
24	99 050	54 762,125	1 632 292,720	29,807	29,345	24	99 361	54 934,437	1 711 880,427	31,162	30,700
25	98 994	53 396,568	1 577 530,595	29,544	29,081	25	99 341	53 583,740	1 656 945,989	30,923	30,460
26	98 940	52 065,593	1 524 134,027	29,273	28,811	26	99 319	52 265,319	1 603 362,250	30,677	30,215
27	98 882	50 766,186	1 472 068,435	28,997	28,535	27	99 296	50 978,488	1 551 096,930	30,426	29,964
28	98 820	49 496,637	1 421 302,249	28,715	28,253	28	99 269	49 721,749	1 500 118,443	30,170	29,708
29	98 760	48 260,384	1 371 805,612	28,425	27,963	29	99 244	48 496,757	1 450 396,694	29,907	29,445
30	98 695	47 052,340	1 323 545,227	28,129	27,667	30	99 216	47 300,333	1 401 899,937	29,638	29,176
31	98 632	45 875,348	1 276 492,887	27,825	27,363	31	99 188	46 133,606	1 354 599,604	29,363	28,900
32	98 562	44 724,492	1 230 617,539	27,516	27,053	32	99 158	44 994,802	1 308 465,998	29,080	28,618
33	98 489	43 601,576	1 185 893,047	27,198	26,736	33	99 122	43 881,808	1 263 471,196	28,793	28,330
34	98 414	42 505,652	1 142 291,472	26,874	26,411	34	99 086	42 795,866	1 219 589,388	28,498	28,035
35	98 336	41 436,036	1 099 785,819	26,542	26,079	35	99 044	41 734,329	1 176 793,522	28,197	27,735
36	98 254	40 391,444	1 058 349,783	26,202	25,740	36	99 005	40 700,224	1 135 059,193	27,888	27,426
37	98 167	39 371,576	1 017 958,339	25,855	25,393	37	98 958	39 688,666	1 094 358,969	27,574	27,111
38	98 074	38 374,846	978 586,762	25,501	25,038	38	98 905	38 699,985	1 054 670,303	27,252	26,790
39	97 966	37 397,722	940 211,916	25,141	24,678	39	98 850	37 735,064	1 015 970,318	26,924	26,461
40	97 854	36 443,698	902 814,194	24,773	24,310	40	98 784	36 790,341	978 235,254	26,589	26,127
41	97 728	35 509,215	866 370,496	24,398	23,936	41	98 715	35 867,667	941 444,913	26,248	25,785
42	97 594	34 595,692	830 861,281	24,016	23,554	42	98 636	34 964,800	905 577,246	25,900	25,437
43	97 445	33 700,275	796 265,589	23,628	23,165	43	98 548	34 081,637	870 612,446	25,545	25,082
44	97 271	32 819,688	762 565,314	23,235	22,773	44	98 447	33 216,331	836 530,809	25,184	24,722
45	97 078	31 955,508	729 745,626	22,836	22,374	45	98 336	32 369,780	803 314,478	24,817	24,354
46	96 863	31 107,051	697 790,118	22,432	21,969	46	98 211	31 540,190	770 944,698	24,443	23,981
47	96 623	30 273,275	666 683,067	22,022	21,560	47	98 073	30 727,558	739 404,508	24,063	23,601
48	96 344	29 449,645	636 409,792	21,610	21,148	48	97 913	29 929,087	708 676,951	23,679	23,216
49	96 035	28 639,211	606 960,147	21,193	20,731	49	97 740	29 147,473	678 747,864	23,287	22,824

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 2,5%

x	l_x	D_x	N_x	$ä_x$	$ä_x^{(12)}$	y	l_y	D_y	N_y	$ä_y$	$ä_y^{(12)}$
			Männer						Frauen		
50	95 691	27 840,559	578 320,936	20,773	20,310	50	97 538	28 378,046	649 600,391	22,891	22,429
51	95 308	27 052,854	550 480,377	20,348	19,886	51	97 324	27 624,907	621 222,344	22,488	22,025
52	94 857	26 268,162	523 427,523	19,926	19,464	52	97 085	26 885,185	593 597,437	22,079	21,617
53	94 382	25 499,183	497 159,361	19,497	19,035	53	96 819	26 157,439	566 712,252	21,665	21,203
54	93 861	24 739,936	471 660,177	19,065	18,602	54	96 528	25 442,727	540 554,813	21,246	20,784
55	93 280	23 987,048	446 920,241	18,632	18,169	55	96 220	24 742,960	515 112,086	20,819	20,356
56	92 649	23 243,658	422 933,193	18,196	17,733	56	95 879	24 053,943	490 369,126	20,386	19,924
57	91 974	22 511,444	399 689,535	17,755	17,293	57	95 517	23 378,738	466 315,182	19,946	19,484
58	91 234	21 785,693	377 178,091	17,313	16,851	58	95 135	22 717,369	442 936,444	19,498	19,035
59	90 431	21 067,419	355 392,398	16,869	16,407	59	94 716	22 065,496	420 219,075	19,044	18,582
60	89 568	20 357,436	334 324,979	16,423	15,960	60	94 268	21 425,661	398 153,579	18,583	18,121
61	88 638	19 654,521	313 967,543	15,974	15,512	61	93 760	20 790,429	376 727,918	18,120	17,658
62	87 648	18 961,050	294 313,022	15,522	15,060	62	93 222	20 166,783	355 937,489	17,650	17,187
63	86 597	18 276,814	275 351,972	15,066	14,603	63	92 634	19 550,808	335 770,705	17,174	16,712
64	85 502	17 605,592	257 075,158	14,602	14,139	64	92 009	18 945,442	316 219,897	16,691	16,229
65	84 297	16 934,073	239 469,566	14,141	13,679	65	91 333	18 347,516	297 274,456	16,202	15,740
66	83 028	16 272,258	222 535,493	13,676	13,213	66	90 620	17 760,219	278 926,940	15,705	15,243
67	81 654	15 612,777	206 263,235	13,211	12,749	67	89 845	17 178,823	261 166,721	15,203	14,740
68	80 194	14 959,628	190 650,458	12,744	12,282	68	89 024	16 606,771	243 987,899	14,692	14,230
69	78 659	14 315,292	175 690,830	12,273	11,811	69	88 160	16 044,399	227 381,128	14,172	13,710
70	77 011	13 673,651	161 375,537	11,802	11,340	70	87 223	15 486,813	211 336,729	13,646	13,184
71	75 258	13 036,416	147 701,886	11,330	10,868	71	86 211	14 933,749	195 849,916	13,115	12,652
72	73 382	12 401,408	134 665,470	10,859	10,396	72	85 101	14 381,897	180 916,168	12,579	12,117
73	71 393	11 770,951	122 264,062	10,387	9,925	73	83 869	13 827,980	166 534,271	12,043	11,581
74	69 262	11 141,065	110 493,111	9,918	9,455	74	82 505	13 271,337	152 706,291	11,506	11,044
75	66 916	10 501,214	99 352,046	9,461	8,999	75	80 970	12 706,722	139 434,954	10,973	10,511
76	64 411	9 861,536	88 850,832	9,010	8,547	76	79 232	12 130,792	126 728,232	10,447	9,984
77	61 730	9 220,606	78 989,296	8,567	8,104	77	77 292	11 545,049	114 597,439	9,926	9,464
78	58 844	8 575,202	69 768,690	8,136	7,674	78	75 149	10 951,197	103 052,391	9,410	8,948
79	55 736	7 924,155	61 193,488	7,722	7,260	79	72 739	10 341,475	92 101,193	8,906	8,444
80	52 456	7 275,889	53 269,333	7,321	6,859	80	70 098	9 722,944	81 759,719	8,409	7,947
81	49 044	6 636,656	45 993,444	6,930	6,468	81	67 171	9 089,619	72 036,774	7,925	7,463
82	45 471	6 003,078	39 356,789	6,556	6,094	82	63 974	8 445,894	62 947,155	7,453	6,991
83	41 818	5 386,206	33 353,711	6,192	5,730	83	60 446	7 785,513	54 501,261	7,000	6,538
84	38 142	4 792,914	27 967,504	5,835	5,373	84	56 655	7 119,289	46 715,748	6,562	6,099
85	34 397	4 216,869	23 174,590	5,496	5,033	85	52 558	6 443,368	39 596,459	6,145	5,683
86	30 660	3 667,093	18 957,721	5,170	4,707	86	48 209	5 766,000	33 153,091	5,750	5,287
87	26 953	3 145,069	15 290,628	4,862	4,399	87	43 667	5 095,329	27 387,091	5,375	4,913
88	23 308	2 653,374	12 145,559	4,577	4,115	88	38 938	4 432,729	22 291,763	5,029	4,566
89	19 851	2 204,735	9 492,185	4,305	3,843	89	34 176	3 795,769	17 859,033	4,705	4,243
90	16 530	1 791,175	7 287,450	4,069	3,606	90	29 340	3 179,125	14 063,264	4,424	3,961
91	13 621	1 439,937	5 496,275	3,817	3,355	91	24 798	2 621,474	10 884,139	4,152	3,689
92	10 899	1 124,106	4 056,338	3,609	3,146	92	20 392	2 103,096	8 262,665	3,929	3,466
93	8 541	859,419	2 932,232	3,412	2,949	93	16 533	1 663,547	6 159,570	3,703	3,240
94	6 537	641,704	2 072,813	3,230	2,768	94	13 107	1 286,607	4 496,023	3,494	3,032
95	4 880	467,321	1 431,109	3,062	2,600	95	10 146	971,693	3 209,415	3,303	2,840
96	3 548	331,486	963,789	2,907	2,445	96	7 660	715,683	2 237,723	3,127	2,664
97	2 509	228,719	632,303	2,765	2,302	97	5 632	513,404	1 522,039	2,965	2,502
98	1 724	153,301	403,584	2,633	2,170	98	4 028	358,245	1 008,636	2,815	2,353
99	1 149	99,681	250,283	2,511	2,048	99	2 799	242,841	650,391	2,678	2,216
100	742	62,795	150,602	2,398	1,936	100	1 887	159,705	407,550	2,552	2,089

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 2,75%

x	l_x	D_x	N_x	$ä_x$	$ä_x^{(12)}$	y	l_y	D_y	N_y	$ä_y$	$ä_y^{(12)}$
			Männer						Frauen		
0	100 000	100 000,000	3 241 835,441	32,418	31,956	0	100 000	100 000,000	3 310 648,457	33,106	32,644
1	99 613	96 947,171	3 141 835,441	32,408	31,945	1	99 685	97 016,770	3 210 648,457	33,094	32,631
2	99 581	94 321,605	3 044 888,270	32,282	31,819	2	99 658	94 395,291	3 113 631,687	32,985	32,522
3	99 562	91 779,856	2 950 566,665	32,148	31,685	3	99 644	91 855,213	3 019 236,396	32,870	32,407
4	99 548	89 311,039	2 858 786,810	32,009	31,547	4	99 632	89 386,812	2 927 381,183	32,750	32,287
5	99 535	86 909,177	2 769 475,770	31,866	31,403	5	99 621	86 984,097	2 837 994,371	32,627	32,164
6	99 524	84 574,002	2 682 566,593	31,719	31,256	6	99 610	84 647,498	2 751 010,274	32,500	32,037
7	99 513	82 301,768	2 597 992,591	31,567	31,104	7	99 602	82 374,819	2 666 362,776	32,369	31,906
8	99 505	80 092,445	2 515 690,823	31,410	30,947	8	99 593	80 163,259	2 583 987,957	32,234	31,771
9	99 497	77 942,358	2 435 598,378	31,249	30,786	9	99 586	78 012,025	2 503 824,697	32,095	31,633
10	99 489	75 850,353	2 357 656,020	31,083	30,620	10	99 579	75 918,874	2 425 812,672	31,953	31,490
11	99 480	73 813,697	2 281 805,667	30,913	30,450	11	99 572	73 881,739	2 349 893,798	31,806	31,343
12	99 472	71 831,983	2 207 991,970	30,738	30,275	12	99 564	71 898,619	2 276 012,059	31,656	31,193
13	99 461	69 901,693	2 136 159,987	30,559	30,097	13	99 556	69 968,692	2 204 113,441	31,501	31,039
14	99 450	68 023,300	2 066 258,294	30,376	29,913	14	99 547	68 089,951	2 134 144,749	31,343	30,880
15	99 435	66 192,789	1 998 234,994	30,188	29,725	15	99 536	66 260,409	2 066 054,798	31,181	30,718
16	99 417	64 409,737	1 932 042,205	29,996	29,533	16	99 524	64 478,904	1 999 794,389	31,015	30,552
17	99 391	62 669,596	1 867 632,468	29,801	29,338	17	99 508	62 743,536	1 935 315,485	30,845	30,382
18	99 358	60 971,644	1 804 962,872	29,603	29,140	18	99 493	61 054,469	1 872 571,949	30,671	30,208
19	99 310	59 311,229	1 743 991,227	29,404	28,941	19	99 470	59 406,836	1 811 517,480	30,493	30,031
20	99 261	57 695,615	1 684 679,998	29,199	28,737	20	99 449	57 804,930	1 752 110,644	30,311	29,848
21	99 208	56 121,248	1 626 984,383	28,991	28,528	21	99 427	56 245,351	1 694 305,714	30,123	29,661
22	99 154	54 589,702	1 570 863,135	28,776	28,313	22	99 406	54 728,544	1 638 060,363	29,931	29,468
23	99 101	53 100,433	1 516 273,433	28,555	28,092	23	99 384	53 251,841	1 583 331,819	29,733	29,270
24	99 050	51 652,236	1 463 173,000	28,327	27,865	24	99 361	51 814,763	1 530 079,977	29,530	29,067
25	98 994	50 241,687	1 411 520,764	28,095	27,632	25	99 341	50 417,800	1 478 265,214	29,320	28,857
26	98 940	48 870,156	1 361 279,077	27,855	27,392	26	99 319	49 057,624	1 427 847,414	29,106	28,643
27	98 882	47 534,560	1 312 408,921	27,610	27,147	27	99 296	47 733,347	1 378 789,790	28,885	28,422
28	98 820	46 233,063	1 264 874,361	27,359	26,896	28	99 269	46 443,332	1 331 056,443	28,660	28,197
29	98 760	44 968,643	1 218 641,298	27,100	26,637	29	99 244	45 188,893	1 284 613,111	28,428	27,965
30	98 695	43 736,323	1 173 672,655	26,835	26,372	30	99 216	43 966,839	1 239 424,218	28,190	27,727
31	98 632	42 538,527	1 129 936,331	26,563	26,100	31	99 188	42 778,000	1 195 457,378	27,946	27,483
32	98 562	41 370,477	1 087 397,804	26,284	25,822	32	99 158	41 620,516	1 152 679,378	27,695	27,232
33	98 489	40 233,641	1 046 027,327	25,999	25,536	33	99 122	40 492,227	1 111 058,861	27,439	26,976
34	98 414	39 126,938	1 005 793,686	25,706	25,243	34	99 086	39 394,084	1 070 566,635	27,176	26,713
35	98 336	38 049,541	966 666,747	25,405	24,943	35	99 044	38 323,455	1 031 172,551	26,907	26,444
36	98 254	37 000,078	928 617,206	25,098	24,635	36	99 005	37 282,931	992 849,095	26,630	26,167
37	98 167	35 978,089	891 617,128	24,782	24,319	37	98 958	36 267,848	955 566,164	26,347	25,885
38	98 074	34 981,947	855 639,039	24,459	23,997	38	98 905	35 278,338	919 298,316	26,058	25,596
39	97 966	34 008,268	820 657,093	24,131	23,668	39	98 850	34 315,035	884 019,978	25,762	25,299
40	97 854	33 060,074	786 648,825	23,795	23,332	40	98 784	33 374,534	849 704,943	25,460	24,997
41	97 728	32 133,979	753 588,750	23,451	22,989	41	98 715	32 458,359	816 330,409	25,150	24,687
42	97 594	31 231,115	721 454,771	23,101	22,638	42	98 636	31 564,325	783 872,050	24,834	24,371
43	97 445	30 348,759	690 223,657	22,743	22,280	43	98 548	30 692,195	752 307,724	24,511	24,049
44	97 271	29 483,836	659 874,897	22,381	21,918	44	98 447	29 840,163	721 615,530	24,183	23,720
45	97 078	28 637,644	630 391,062	22,013	21,550	45	98 336	29 008,903	691 775,366	23,847	23,384
46	96 863	27 809,453	601 753,417	21,638	21,176	46	98 211	28 196,676	662 766,463	23,505	23,042
47	96 623	26 998,215	573 943,965	21,259	20,796	47	98 073	27 403,351	634 569,787	23,157	22,694
48	96 344	26 199,785	546 945,750	20,876	20,413	48	97 913	26 626,320	607 166,436	22,803	22,340
49	96 035	25 416,794	520 745,965	20,488	20,025	49	97 740	25 867,867	580 540,116	22,443	21,980

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 2,75%

x	l_x	D_x	N_x	$ä_x$	$^{(12)}ä_x$	y	l_y	D_y	N_y	$ä_y$	$^{(12)}ä_y$
			Männer						Frauen		
50	95 691	24 647,887	495 329,171	20,096	19,633	50	97 538	25 123,737	554 672,250	22,078	21,615
51	95 308	23 892,240	470 681,284	19,700	19,237	51	97 324	24 397,459	529 548,513	21,705	21,242
52	94 857	23 142,778	446 789,044	19,306	18,843	52	97 085	23 686,388	505 151,053	21,327	20,864
53	94 382	22 410,633	423 646,266	18,904	18,441	53	96 819	22 989,158	481 464,665	20,943	20,480
54	93 861	21 690,445	401 235,633	18,498	18,035	54	96 528	22 306,609	458 475,507	20,553	20,091
55	93 280	20 979,190	379 545,188	18,092	17,629	55	96 220	21 640,315	436 168,899	20,155	19,693
56	92 649	20 279,555	358 565,998	17,681	17,218	56	95 879	20 986,510	414 528,584	19,752	19,289
57	91 974	19 592,928	338 286,442	17,266	16,803	57	95 517	20 347,781	393 542,073	19,341	18,878
58	91 234	18 915,133	318 693,515	16,849	16,386	58	95 135	19 724,048	373 194,292	18,921	18,458
59	90 431	18 246,997	299 778,382	16,429	15,966	59	94 716	19 111,455	353 470,244	18,495	18,032
60	89 568	17 589,163	281 531,385	16,006	15,543	60	94 268	18 512,127	334 358,789	18,062	17,599
61	88 638	16 940,515	263 942,222	15,581	15,118	61	93 760	17 919,570	315 846,663	17,626	17,163
62	87 648	16 303,038	247 001,708	15,151	14,688	62	93 222	17 339,748	297 927,093	17,182	16,719
63	86 597	15 676,485	230 698,670	14,716	14,253	63	92 634	16 769,222	280 587,344	16,732	16,269
64	85 502	15 064,020	215 022,185	14,274	13,811	64	92 009	16 210,446	263 818,122	16,275	15,812
65	84 297	14 454,188	199 958,165	13,834	13,371	65	91 333	15 660,641	247 607,676	15,811	15,348
66	83 028	13 855,497	185 503,978	13,388	12,926	66	90 620	15 122,466	231 947,035	15,338	14,875
67	81 654	13 261,617	171 648,481	12,943	12,480	67	89 845	14 591,829	216 824,570	14,859	14,396
68	80 194	12 675,911	158 386,863	12,495	12,032	68	89 024	14 071,603	202 232,741	14,372	13,909
69	78 659	12 100,425	145 710,953	12,042	11,579	69	88 160	13 562,004	188 161,138	13,874	13,411
70	77 011	11 529,937	133 610,527	11,588	11,125	70	87 223	13 058,836	174 599,134	13,370	12,907
71	75 258	10 965,860	122 080,591	11,133	10,670	71	86 211	12 561,842	161 540,298	12,860	12,397
72	73 382	10 406,328	111 114,731	10,678	10,215	72	85 101	12 068,205	148 978,456	12,345	11,882
73	71 393	9 853,263	100 708,403	10,221	9,758	73	83 869	11 575,168	136 910,252	11,828	11,365
74	69 262	9 303,305	90 855,139	9,766	9,303	74	82 505	11 082,181	125 335,084	11,310	10,847
75	66 916	8 747,665	81 551,834	9,323	8,860	75	80 970	10 584,885	114 252,902	10,794	10,331
76	64 411	8 194,816	72 804,169	8,884	8,421	76	79 232	10 080,540	103 668,017	10,284	9,821
77	61 730	7 643,568	64 609,353	8,453	7,990	77	77 292	9 570,452	93 587,477	9,779	9,316
78	58 844	7 091,254	56 965,785	8,033	7,570	78	75 149	9 056,082	84 017,025	9,277	8,815
79	55 736	6 536,928	49 874,530	7,630	7,167	79	72 739	8 531,065	74 960,943	8,787	8,324
80	52 456	5 987,546	43 337,602	7,238	6,775	80	70 098	8 001,301	66 429,879	8,302	7,840
81	49 044	5 448,213	37 350,056	6,855	6,393	81	67 171	7 461,919	58 428,578	7,830	7,367
82	45 471	4 916,102	31 901,843	6,489	6,026	82	63 974	6 916,597	50 966,659	7,369	6,906
83	41 818	4 400,194	26 985,741	6,133	5,670	83	60 446	6 360,278	44 050,062	6,926	6,463
84	38 142	3 905,985	22 585,547	5,782	5,319	84	56 655	5 801,864	37 689,784	6,496	6,033
85	34 397	3 428,176	18 679,562	5,449	4,986	85	52 558	5 238,246	31 887,920	6,088	5,625
86	30 660	2 973,972	15 251,386	5,128	4,665	86	48 209	4 676,163	26 649,674	5,699	5,236
87	26 953	2 544,411	12 277,414	4,825	4,362	87	43 667	4 122,202	21 973,511	5,331	4,868
88	23 308	2 141,398	9 733,003	4,545	4,082	88	38 938	3 577,423	17 851,309	4,990	4,527
89	19 851	1 774,997	7 591,604	4,277	3,814	89	34 176	3 055,912	14 273,887	4,671	4,208
90	16 530	1 438,538	5 816,608	4,043	3,581	90	29 340	2 553,235	11 217,974	4,394	3,931
91	13 621	1 153,635	4 378,070	3,795	3,332	91	24 798	2 100,249	8 664,740	4,126	3,663
92	10 899	898,410	3 224,435	3,589	3,126	92	20 392	1 680,840	6 564,491	3,905	3,443
93	8 541	685,195	2 326,025	3,395	2,932	93	16 533	1 326,308	4 883,651	3,682	3,219
94	6 537	510,371	1 640,830	3,215	2,752	94	13 107	1 023,287	3 557,344	3,476	3,014
95	4 880	370,773	1 130,459	3,049	2,586	95	10 146	770,943	2 534,057	3,287	2,824
96	3 548	262,362	759,686	2,896	2,433	96	7 660	566,443	1 763,114	3,113	2,650
97	2 509	180,584	497,324	2,754	2,291	97	5 632	405,356	1 196,671	2,952	2,489
98	1 724	120,744	316,740	2,623	2,160	98	4 028	282,163	791,315	2,804	2,342
99	1 149	78,320	195,997	2,503	2,040	99	2 799	190,802	509,153	2,668	2,206
100	742	49,218	117,676	2,391	1,928	100	1 887	125,177	318,351	2,543	2,080

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 3%

x	l_x	D_x	N_x	$ä_x$	$^{(12)}ä_x$	y	l_y	D_y	N_y	$ä_y$	$^{(12)}ä_y$
			Männer						Frauen		
0	100 000	100 000,000	3 049 258,851	30,493	30,029	0	100 000	100 000,000	3 107 459,147	31,075	30,611
1	99 613	96 711,862	2 949 258,851	30,495	30,032	1	99 685	96 781,293	3 007 459,147	31,075	30,612
2	99 581	93 864,288	2 852 546,989	30,390	29,927	2	99 658	93 937,617	2 910 677,854	30,985	30,522
3	99 562	91 113,177	2 758 682,700	30,278	29,814	3	99 644	91 187,986	2 816 740,237	30,889	30,426
4	99 548	88 447,094	2 667 569,524	30,160	29,697	4	99 632	88 522,134	2 725 552,251	30,790	30,326
5	99 535	85 859,561	2 579 122,430	30,039	29,576	5	99 621	85 933,576	2 637 030,117	30,687	30,224
6	99 524	83 349,792	2 493 262,869	29,913	29,450	6	99 610	83 422,224	2 551 096,541	30,581	30,117
7	99 513	80 913,578	2 409 913,077	29,784	29,321	7	99 602	80 985,397	2 467 674,317	30,471	30,007
8	99 505	78 550,399	2 328 999,499	29,650	29,187	8	99 593	78 619,851	2 386 688,920	30,357	29,894
9	99 497	76 256,171	2 250 449,100	29,512	29,048	9	99 586	76 324,331	2 308 069,069	30,240	29,777
10	99 489	74 029,303	2 174 192,929	29,369	28,906	10	99 579	74 096,180	2 231 744,739	30,120	29,656
11	99 480	71 866,687	2 100 163,626	29,223	28,760	11	99 572	71 932,933	2 157 648,559	29,995	29,532
12	99 472	69 767,495	2 028 296,939	29,072	28,609	12	99 564	69 832,215	2 085 715,625	29,868	29,404
13	99 461	67 727,894	1 958 529,444	28,918	28,454	13	99 556	67 792,809	2 015 883,410	29,736	29,273
14	99 450	65 747,945	1 890 801,551	28,758	28,295	14	99 547	65 812,365	1 948 090,601	29,601	29,137
15	99 435	63 823,375	1 825 053,606	28,595	28,132	15	99 536	63 888,575	1 882 278,236	29,462	28,999
16	99 417	61 953,410	1 761 230,231	28,428	27,965	16	99 524	62 019,940	1 818 389,661	29,319	28,856
17	99 391	60 133,322	1 699 276,820	28,258	27,795	17	99 508	60 204,269	1 756 369,721	29,174	28,710
18	99 358	58 362,087	1 639 143,499	28,086	27,623	18	99 493	58 441,367	1 696 165,452	29,023	28,560
19	99 310	56 634,939	1 580 781,412	27,912	27,449	19	99 470	56 726,231	1 637 724,085	28,871	28,407
20	99 261	54 958,507	1 524 146,473	27,733	27,269	20	99 449	55 062,636	1 580 997,854	28,713	28,249
21	99 208	53 329,074	1 469 187,966	27,549	27,086	21	99 427	53 447,003	1 525 935,218	28,550	28,087
22	99 154	51 747,820	1 415 858,892	27,361	26,898	22	99 406	51 879,434	1 472 488,215	28,383	27,920
23	99 101	50 213,905	1 364 111,072	27,166	26,703	23	99 384	50 357,083	1 420 608,782	28,211	27,747
24	99 050	48 725,877	1 313 897,168	26,965	26,502	24	99 361	48 879,196	1 370 251,699	28,033	27,570
25	98 994	47 280,206	1 265 171,290	26,759	26,296	25	99 341	47 445,938	1 321 372,502	27,850	27,387
26	98 940	45 877,894	1 217 891,084	26,546	26,083	26	99 319	46 053,884	1 273 926,564	27,662	27,198
27	98 882	44 515,764	1 172 013,190	26,328	25,865	27	99 296	44 701,927	1 227 872,680	27,468	27,005
28	98 820	43 191,833	1 127 497,426	26,104	25,641	28	99 269	43 388,270	1 183 170,753	27,269	26,806
29	98 760	41 908,620	1 084 305,593	25,873	25,410	29	99 244	42 113,882	1 139 782,483	27,064	26,601
30	98 695	40 661,224	1 042 396,974	25,636	25,173	30	99 216	40 875,532	1 097 668,601	26,854	26,391
31	98 632	39 451,656	1 001 735,750	25,391	24,928	31	99 188	39 673,751	1 056 793,069	26,637	26,174
32	98 562	38 275,240	962 284,094	25,141	24,678	32	99 158	38 506,571	1 017 119,318	26,414	25,951
33	98 489	37 133,110	924 008,854	24,884	24,420	33	99 122	37 371,769	978 612,747	26,186	25,723
34	98 414	36 024,044	886 875,744	24,619	24,156	34	99 086	36 270,004	941 240,978	25,951	25,488
35	98 336	34 947,059	850 851,700	24,347	23,884	35	99 044	35 198,638	904 970,974	25,710	25,247
36	98 254	33 900,683	815 904,641	24,067	23,604	36	99 005	34 159,843	869 772,335	25,462	24,999
37	98 167	32 884,293	782 003,958	23,780	23,317	37	98 958	33 149,135	835 612,493	25,208	24,744
38	98 074	31 896,204	749 119,665	23,486	23,023	38	98 905	32 166,451	802 463,357	24,947	24,484
39	97 966	30 933,149	717 223,462	23,186	22,723	39	98 850	31 212,178	770 296,907	24,679	24,216
40	97 854	29 997,707	686 290,312	22,878	22,415	40	98 784	30 283,038	739 084,729	24,406	23,943
41	97 728	29 086,626	656 292,605	22,563	22,100	41	98 715	29 380,244	708 801,691	24,125	23,662
42	97 594	28 200,768	627 205,979	22,241	21,778	42	98 636	28 501,647	679 421,446	23,838	23,375
43	97 445	27 337,512	599 005,211	21,911	21,448	43	98 548	27 646,872	650 919,800	23,544	23,081
44	97 271	26 493,945	571 667,699	21,577	21,114	44	98 447	26 814,139	623 272,928	23,244	22,781
45	97 078	25 671,104	545 173,754	21,237	20,774	45	98 336	26 003,905	596 458,789	22,937	22,474
46	96 863	24 868,198	519 502,649	20,890	20,427	46	98 211	25 214,466	570 454,884	22,624	22,161
47	96 623	24 084,161	494 634,451	20,538	20,075	47	98 073	24 445,569	545 240,418	22,304	21,841
48	96 344	23 315,182	470 550,291	20,182	19,719	48	97 913	23 694,755	520 794,849	21,979	21,516
49	96 035	22 563,499	447 235,108	19,821	19,358	49	97 740	22 963,935	497 100,094	21,647	21,184

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 3%

x	l_x	D_x	N_x	$ä_x$	$ä_x^{(12)}$	y	l_y	D_y	N_y	$ä_y$	$ä_y^{(12)}$
			Männer						Frauen		
50	95 691	21 827 801	424 671 609	19,456	18,992	50	97 538	22 249 207	474 136 159	21,310	20,847
51	95 308	21 107 255	402 843 808	19,086	18,622	51	97 324	21 553 584	451 886 952	20,966	20,503
52	94 857	20 395 530	381 736 553	18,717	18,253	52	97 085	20 874 609	430 333 368	20,615	20,152
53	94 382	19 702 359	361 341 023	18,340	17,877	53	96 819	20 210 971	409 458 760	20,259	19,796
54	93 861	19 022 920	341 638 664	17,959	17,496	54	96 528	19 563 307	389 247 789	19,897	19,434
55	93 280	18 354 478	322 615 744	17,577	17,114	55	96 220	18 932 889	369 684 482	19,526	19,063
56	92 649	17 699 311	304 261 266	17,191	16,727	56	95 879	18 316 317	350 751 593	19,150	18,686
57	91 974	17 058 540	286 561 955	16,799	16,336	57	95 517	17 715 752	332 435 275	18,765	18,302
58	91 234	16 428 448	269 503 415	16,405	15,941	58	95 135	17 131 019	314 719 524	18,371	17,908
59	90 431	15 809 682	253 074 966	16,008	15,544	59	94 716	16 558 672	297 588 504	17,972	17,509
60	89 568	15 202 728	237 265 284	15,607	15,144	60	94 268	16 000 467	281 029 833	17,564	17,101
61	88 638	14 606 547	222 062 557	15,203	14,740	61	93 760	15 450 714	265 029 366	17,153	16,690
62	87 648	14 022 779	207 456 010	14,794	14,331	62	93 222	14 914 488	249 578 652	16,734	16,271
63	86 597	13 451 133	193 433 230	14,380	13,917	63	92 634	14 388 750	234 664 164	16,309	15,846
64	85 502	12 894 237	179 982 098	13,958	13,495	64	92 009	13 875 535	220 275 414	15,875	15,412
65	84 297	12 342 214	167 087 861	13,538	13,075	65	91 333	13 372 386	206 399 879	15,435	14,972
66	83 028	11 802 285	154 745 647	13,111	12,648	66	90 620	12 881 505	193 027 492	14,985	14,522
67	81 654	11 268 992	142 943 362	12,685	12,221	67	89 845	12 399 333	180 145 988	14,529	14,065
68	80 194	10 745 147	131 674 370	12,254	11,791	68	89 024	11 928 251	167 746 655	14,063	13,600
69	78 659	10 232 422	120 929 223	11,818	11,355	69	88 160	11 468 369	155 818 404	13,587	13,124
70	77 011	9 726 338	110 696 801	11,381	10,918	70	87 223	11 016 075	144 350 035	13,104	12,640
71	75 258	9 228 045	100 970 463	10,942	10,478	71	86 211	10 571 104	133 333 960	12,613	12,150
72	73 382	8 735 930	91 742 418	10,502	10,039	72	85 101	10 131 046	122 762 856	12,117	11,654
73	71 393	8 251 565	83 006 488	10,059	9,596	73	83 869	9 693 565	112 631 810	11,619	11,156
74	69 262	7 772 095	74 754 924	9,618	9,155	74	82 505	9 258 190	102 938 245	11,119	10,655
75	66 916	7 290 169	66 982 828	9,188	8,725	75	80 970	8 821 279	93 680 055	10,620	10,157
76	64 411	6 812 857	59 692 660	8,762	8,299	76	79 232	8 380 576	84 858 776	10,126	9,662
77	61 730	6 339 147	52 879 803	8,342	7,879	77	77 292	7 937 196	76 478 200	9,635	9,172
78	58 844	5 866 814	46 540 656	7,933	7,470	78	75 149	7 492 376	68 541 004	9,148	8,685
79	55 736	5 395 076	40 673 842	7,539	7,076	79	72 739	7 040 882	61 048 628	8,671	8,207
80	52 456	4 929 664	35 278 766	7,156	6,693	80	70 098	6 587 628	54 007 745	8,198	7,735
81	49 044	4 474 734	30 349 102	6,782	6,319	81	67 171	6 128 633	47 420 118	7,737	7,274
82	45 471	4 027 899	25 874 369	6,424	5,961	82	63 974	5 666 960	41 291 485	7,286	6,823
83	41 818	3 596 451	21 846 470	6,074	5,611	83	60 446	5 198 504	35 624 525	6,853	6,390
84	38 142	3 184 765	18 250 019	5,730	5,267	84	56 655	4 730 581	30 426 020	6,432	5,969
85	34 397	2 788 397	15 065 254	5,403	4,940	85	52 558	4 260 665	25 695 440	6,031	5,568
86	30 660	2 413 087	12 276 857	5,088	4,624	86	48 209	3 794 248	21 434 775	5,649	5,186
87	26 953	2 059 529	9 863 769	4,789	4,326	87	43 667	3 336 644	17 640 527	5,287	4,824
88	23 308	1 729 111	7 804 240	4,513	4,050	88	38 938	2 888 654	14 303 882	4,952	4,489
89	19 851	1 429 774	6 075 130	4,249	3,786	89	34 176	2 461 562	11 415 228	4,637	4,174
90	16 530	1 155 941	4 645 355	4,019	3,555	90	29 340	2 051 660	8 953 666	4,364	3,901
91	13 621	924 757	3 489 414	3,773	3,310	91	24 798	1 683 565	6 902 006	4,100	3,636
92	10 899	718 420	2 564 657	3,570	3,107	92	20 392	1 344 095	5 218 442	3,882	3,419
93	8 541	546 591	1 846 237	3,378	2,915	93	16 533	1 058 017	3 874 346	3,662	3,199
94	6 537	406 143	1 299 647	3,200	2,737	94	13 107	814 311	2 816 329	3,459	2,995
95	4 880	294 338	893 504	3,036	2,572	95	10 146	612 012	2 002 019	3,271	2,808
96	3 548	207 770	599 166	2,884	2,421	96	7 660	448 578	1 390 007	3,099	2,635
97	2 509	142 661	391 396	2,744	2,280	97	5 632	320 231	941 428	2,940	2,477
98	1 724	95 156	248 735	2,614	2,151	98	4 028	222 367	621 198	2,794	2,330
99	1 149	61 573	153 579	2,494	2,031	99	2 799	150 003	398 830	2,659	2,196
100	742	38 600	92 006	2,384	1,920	100	1 887	98 171	248 828	2,535	2,071

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 3,25%

x	l_x	D_x	N_x	$ä_x$	$^{(12)}ä_x$	y	l_y	D_y	N_y	$ä_y$	$^{(12)}ä_y$
			Männer						Frauen		
0	100 000	100 000,000	2 875 555,828	28,756	28,292	0	100 000	100 000,000	2 924 902,961	29,249	28,785
1	99 613	96 477,693	2 775 555,828	28,769	28,305	1	99 685	96 546,955	2 824 902,961	29,259	28,796
2	99 581	93 410,290	2 679 078,135	28,681	28,217	2	99 658	93 483,264	2 728 356,006	29,186	28,722
3	99 562	90 452,939	2 585 667,845	28,586	28,122	3	99 644	90 527,206	2 634 872,742	29,106	28,642
4	99 548	87 593,569	2 495 214,906	28,486	28,023	4	99 632	87 667,885	2 544 345,535	29,023	28,559
5	99 535	84 825,121	2 407 621,337	28,383	27,920	5	99 621	84 898,244	2 456 677,650	28,937	28,473
6	99 524	82 146,205	2 322 796,216	28,276	27,813	6	99 610	82 217,591	2 371 779,406	28,848	28,384
7	99 513	79 552,083	2 240 650,011	28,166	27,702	7	99 602	79 622,694	2 289 561,814	28,755	28,292
8	99 505	77 041,674	2 161 097,928	28,051	27,587	8	99 593	77 109,792	2 209 939,121	28,660	28,196
9	99 497	74 610,418	2 084 056,253	27,933	27,469	9	99 586	74 677,107	2 132 829,329	28,561	28,097
10	99 489	72 256,231	2 009 445,835	27,810	27,346	10	99 579	72 321,506	2 058 152,223	28,458	27,995
11	99 480	69 975,568	1 937 189,604	27,684	27,220	11	99 572	70 040,071	1 985 830,716	28,353	27,889
12	99 472	67 767,131	1 867 214,036	27,553	27,090	12	99 564	67 829,996	1 915 790,645	28,244	27,780
13	99 461	65 626,721	1 799 446,905	27,419	26,956	13	99 556	65 689,623	1 847 960,649	28,132	27,668
14	99 450	63 553,940	1 733 820,184	27,281	26,817	14	99 547	63 616,211	1 782 271,027	28,016	27,552
15	99 435	61 544,214	1 670 266,243	27,139	26,676	15	99 536	61 607,086	1 718 654,815	27,897	27,433
16	99 417	59 596,376	1 608 722,029	26,994	26,530	16	99 524	59 660,374	1 657 047,729	27,775	27,311
17	99 391	57 705,471	1 549 125,653	26,845	26,382	17	99 508	57 773,554	1 597 387,355	27,649	27,185
18	99 358	55 870,142	1 491 420,182	26,694	26,231	18	99 493	55 946,036	1 539 613,802	27,520	27,056
19	99 310	54 085,464	1 435 550,041	26,542	26,079	19	99 470	54 172,647	1 483 667,765	27,388	26,924
20	99 261	52 357,417	1 381 464,577	26,385	25,922	20	99 449	52 456,618	1 429 495,119	27,251	26,787
21	99 208	50 682,087	1 329 107,160	26,224	25,761	21	99 427	50 794,163	1 377 038,501	27,110	26,647
22	99 154	49 060,240	1 278 425,073	26,058	25,595	22	99 406	49 185,019	1 326 244,338	26,964	26,501
23	99 101	47 490,722	1 229 364,832	25,886	25,423	23	99 384	47 626,136	1 277 059,319	26,814	26,351
24	99 050	45 971,811	1 181 874,110	25,709	25,245	24	99 361	46 116,464	1 229 433,184	26,659	26,196
25	98 994	44 499,842	1 135 902,299	25,526	25,062	25	99 341	44 655,828	1 183 316,719	26,499	26,035
26	98 940	43 075,442	1 091 402,457	25,337	24,873	26	99 319	43 240,682	1 138 660,891	26,333	25,869
27	98 882	41 695,316	1 048 327,014	25,143	24,679	27	99 296	41 869,684	1 095 420,209	26,163	25,699
28	98 820	40 357,312	1 006 631,698	24,943	24,479	28	99 269	40 540,858	1 053 550,525	25,987	25,524
29	98 760	39 063,497	966 274,386	24,736	24,272	29	99 244	39 254,825	1 013 009,667	25,806	25,342
30	98 695	37 809,016	927 210,888	24,524	24,060	30	99 216	38 008,292	973 754,842	25,620	25,156
31	98 632	36 595,470	889 401,872	24,304	23,840	31	99 188	36 801,486	935 746,550	25,427	24,963
32	98 562	35 418,257	852 806,402	24,078	23,615	32	99 158	35 632,321	898 945,064	25,228	24,765
33	98 489	34 278,180	817 388,146	23,846	23,382	33	99 122	34 498,489	863 312,743	25,025	24,561
34	98 414	33 173,864	783 109,966	23,606	23,143	34	99 086	33 400,364	828 814,254	24,815	24,351
35	98 336	32 104,165	749 936,102	23,359	22,896	35	99 044	32 335,279	795 413,890	24,599	24,135
36	98 254	31 067,504	717 831,937	23,106	22,642	36	99 005	31 305,005	763 078,611	24,376	23,912
37	98 167	30 063,088	686 764,433	22,844	22,380	37	98 958	30 305,209	731 773,606	24,147	23,683
38	98 074	29 089,164	656 701,345	22,575	22,112	38	98 905	29 335,628	701 468,397	23,912	23,448
39	97 966	28 142,557	627 612,181	22,301	21,838	39	98 850	28 396,413	672 132,769	23,670	23,206
40	97 854	27 225,423	599 469,624	22,019	21,555	40	98 784	27 484,385	643 736,356	23,422	22,958
41	97 728	26 334,622	572 244,201	21,730	21,266	41	98 715	26 600,460	616 251,971	23,167	22,703
42	97 594	25 470,756	545 909,579	21,433	20,969	42	98 636	25 742,508	589 651,511	22,906	22,442
43	97 445	24 631,284	520 438,823	21,129	20,666	43	98 548	24 910,019	563 909,003	22,638	22,174
44	97 271	23 813,425	495 807,539	20,821	20,357	44	98 447	24 101,223	538 998,984	22,364	21,900
45	97 078	23 017,966	471 994,113	20,505	20,042	45	98 336	23 316,372	514 897,761	22,083	21,619
46	96 863	22 244,051	448 976,147	20,184	19,720	46	98 211	22 553,780	491 581,389	21,796	21,332
47	96 623	21 490,585	426 732,096	19,857	19,393	47	98 073	21 813,074	469 027,609	21,502	21,039
48	96 344	20 754,042	405 241,511	19,526	19,062	48	97 913	21 091,920	447 214,535	21,203	20,739
49	96 035	20 036,299	384 487,468	19,190	18,726	49	97 740	20 391,884	426 122,615	20,897	20,433

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 3,25%

x	l_x	D_x	N_x	$ä_x$	$ä_x^{(12)}$	y	l_y	D_y	N_y	$ä_y$	$ä_y^{(12)}$
			Männer						Frauen		
50	95 691	19 336,070	364 451,169	18,848	18,385	50	97 538	19 709,370	405 730,731	20,586	20,122
51	95 308	18 652,504	345 115,099	18,502	18,039	51	97 324	19 046,925	386 021,361	20,267	19,803
52	94 857	17 979,911	326 462,595	18,157	17,693	52	97 085	18 402,248	366 974,435	19,942	19,478
53	94 382	17 326,783	308 482,684	17,804	17,340	53	96 819	17 774,070	348 572,187	19,611	19,148
54	93 861	16 688,759	291 155,901	17,446	16,983	54	96 528	17 162,839	330 798,116	19,274	18,810
55	93 280	16 063,349	274 467,141	17,087	16,623	55	96 220	16 569,558	313 635,277	18,928	18,465
56	92 649	15 452,457	258 403,793	16,723	16,259	56	95 879	15 991,138	297 065,719	18,577	18,113
57	91 974	14 856,970	242 951,335	16,353	15,889	57	95 517	15 429,362	281 074,581	18,217	17,753
58	91 234	14 273,553	228 094,366	15,980	15,517	58	95 135	14 883,968	265 645,219	17,848	17,384
59	90 431	13 702,690	213 820,813	15,604	15,141	59	94 716	14 351,860	250 761,251	17,472	17,009
60	89 568	13 144,721	200 118,123	15,224	14,761	60	94 268	13 834,470	236 409,391	17,088	16,625
61	88 638	12 598,667	186 973,402	14,841	14,377	61	93 760	13 326,790	222 574,921	16,701	16,238
62	87 648	12 065,860	174 374,735	14,452	13,988	62	93 222	12 833,129	209 248,131	16,305	15,842
63	86 597	11 545,964	162 308,875	14,058	13,594	63	92 634	12 350,781	196 415,002	15,903	15,439
64	85 502	11 041,146	150 762,911	13,655	13,191	64	92 009	11 881,417	184 064,221	15,492	15,028
65	84 297	10 542,868	139 721,764	13,253	12,789	65	91 333	11 422,853	172 182,803	15,074	14,610
66	83 028	10 057,243	129 178,897	12,844	12,381	66	90 620	10 976,893	160 759,950	14,645	14,182
67	81 654	9 579,550	119 121,654	12,435	11,971	67	89 845	10 540,430	149 783,056	14,210	13,747
68	80 194	9 112,123	109 542,104	12,022	11,558	68	89 024	10 115,420	139 242,626	13,765	13,302
69	78 659	8 656,309	100 429,981	11,602	11,138	69	88 160	9 701,882	129 127,206	13,310	12,846
70	77 011	8 208,255	91 773,672	11,181	10,717	70	87 223	9 296,691	119 425,324	12,846	12,382
71	75 258	7 768,879	83 565,417	10,756	10,293	71	86 211	8 899,570	110 128,633	12,375	11,911
72	73 382	7 336,771	75 796,538	10,331	9,867	72	85 101	8 508,444	101 229,063	11,897	11,434
73	71 393	6 913,203	68 459,766	9,903	9,439	73	83 869	8 121,318	92 720,619	11,417	10,953
74	69 262	6 495,735	61 546,563	9,475	9,011	74	82 505	7 737,778	84 599,302	10,933	10,470
75	66 916	6 078,199	55 050,829	9,057	8,593	75	80 970	7 354,767	76 861,524	10,451	9,987
76	64 411	5 666,485	48 972,630	8,643	8,179	76	79 232	6 970,410	69 506,757	9,972	9,508
77	61 730	5 259,718	43 306,145	8,234	7,770	77	77 292	6 585,652	62 536,346	9,496	9,032
78	58 844	4 856,028	38 046,427	7,835	7,371	78	75 149	6 201,524	55 950,695	9,022	8,558
79	55 736	4 454,752	33 190,399	7,451	6,987	79	72 739	5 813,706	49 749,171	8,557	8,094
80	52 456	4 060,602	28 735,647	7,077	6,613	80	70 098	5 426,280	43 935,465	8,097	7,633
81	49 044	3 676,948	24 675,045	6,711	6,247	81	67 171	5 035,979	38 509,185	7,647	7,183
82	45 471	3 301,764	20 998,097	6,360	5,896	82	63 974	4 645,341	33 473,206	7,206	6,742
83	41 818	2 940,958	17 696,333	6,017	5,554	83	60 446	4 251,019	28 827,865	6,781	6,318
84	38 142	2 598,001	14 755,375	5,680	5,216	84	56 655	3 859,013	24 576,845	6,369	5,905
85	34 397	2 269,152	12 157,374	5,358	4,894	85	52 558	3 467,260	20 717,832	5,975	5,512
86	30 660	1 958,976	9 888,222	5,048	4,584	86	48 209	3 080,221	17 250,573	5,600	5,137
87	26 953	1 667,905	7 929,246	4,754	4,290	87	43 667	2 702,173	14 170,352	5,244	4,780
88	23 308	1 396,926	6 261,341	4,482	4,019	88	38 938	2 333,705	11 468,178	4,914	4,451
89	19 851	1 152,299	4 864,416	4,221	3,758	89	34 176	1 983,848	9 134,473	4,604	4,141
90	16 530	929,353	3 712,117	3,994	3,531	90	29 340	1 649,492	7 150,625	4,335	3,871
91	13 621	741,685	2 782,764	3,752	3,288	91	24 798	1 350,274	5 501,133	4,074	3,610
92	10 899	574,801	2 041,079	3,551	3,087	92	20 392	1 075,398	4 150,860	3,860	3,396
93	8 541	436,263	1 466,278	3,361	2,897	93	16 533	844,460	3 075,462	3,642	3,178
94	6 537	323,379	1 030,015	3,185	2,722	94	13 107	648,371	2 231,002	3,441	2,977
95	4 880	233,790	706,636	3,023	2,559	95	10 146	486,117	1 582,631	3,256	2,792
96	3 548	164,630	472,845	2,872	2,409	96	7 660	355,440	1 096,514	3,085	2,621
97	2 509	112,767	308,215	2,733	2,270	97	5 632	253,127	741,074	2,928	2,464
98	1 724	75,034	195,448	2,605	2,141	98	4 028	175,345	487,948	2,783	2,319
99	1 149	48,435	120,414	2,486	2,022	99	2 799	117,996	312,603	2,649	2,186
100	742	30,290	71,979	2,376	1,913	100	1 887	77,037	194,607	2,526	2,063

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 3,5%

x	l_x	D_x	N_x	$ä_x$	$^{(12)}ä_x$	y	l_y	D_y	N_y	$ä_y$	$^{(12)}ä_y$
			Männer						Frauen		
0	100 000	100 000,000	2 718 432,241	27,184	26,720	0	100 000	100 000,000	2 760 381,147	27,604	27,140
1	99 613	96 244,655	2 618 432,241	27,206	26,742	1	99 685	96 313,750	2 660 381,147	27,622	27,158
2	99 581	92 959,578	2 522 187,586	27,132	26,668	2	99 658	93 032,200	2 564 067,396	27,561	27,097
3	99 562	89 799,065	2 429 228,008	27,052	26,588	3	99 644	89 872,795	2 471 035,197	27,495	27,031
4	99 548	86 750,316	2 339 428,944	26,967	26,503	4	99 632	86 823,917	2 381 162,401	27,425	26,961
5	99 535	83 805,600	2 252 678,627	26,880	26,416	5	99 621	83 877,844	2 294 338,485	27,353	26,889
6	99 524	80 962,846	2 168 873,027	26,788	26,324	6	99 610	81 033,204	2 210 460,640	27,278	26,814
7	99 513	78 216,707	2 087 910,181	26,694	26,230	7	99 602	78 286,133	2 129 427,436	27,201	26,737
8	99 505	75 565,471	2 009 693,474	26,595	26,131	8	99 593	75 632,284	2 051 141,303	27,120	26,656
9	99 497	73 004,036	1 934 128,002	26,493	26,029	9	99 586	73 069,289	1 975 509,020	27,036	26,572
10	99 489	70 529,761	1 861 123,966	26,388	25,924	10	99 579	70 593,476	1 902 439,731	26,949	26,485
11	99 480	68 138,606	1 790 594,206	26,279	25,815	11	99 572	68 201,417	1 831 846,255	26,859	26,395
12	99 472	65 828,753	1 722 455,599	26,166	25,702	12	99 564	65 889,819	1 763 644,838	26,767	26,303
13	99 461	63 595,582	1 656 626,846	26,049	25,585	13	99 556	63 656,536	1 697 755,019	26,671	26,207
14	99 450	61 438,192	1 593 031,265	25,929	25,465	14	99 547	61 498,390	1 634 098,483	26,571	26,107
15	99 435	59 351,663	1 531 593,072	25,805	25,341	15	99 536	59 412,294	1 572 600,093	26,469	26,005
16	99 417	57 334,393	1 472 241,410	25,678	25,214	16	99 524	57 395,962	1 513 187,798	26,364	25,900
17	99 391	55 381,163	1 414 907,017	25,549	25,085	17	99 508	55 446,503	1 455 791,836	26,256	25,792
18	99 358	53 490,242	1 359 525,854	25,416	24,952	18	99 493	53 562,904	1 400 345,333	26,144	25,680
19	99 310	51 656,510	1 306 035,612	25,283	24,819	19	99 470	51 739,777	1 346 782,429	26,030	25,566
20	99 261	49 885,281	1 254 379,102	25,145	24,681	20	99 449	49 979,798	1 295 042,652	25,911	25,447
21	99 208	48 172,414	1 204 493,821	25,004	24,540	21	99 427	48 278,940	1 245 062,854	25,789	25,325
22	99 154	46 518,243	1 156 321,407	24,857	24,393	22	99 406	46 636,556	1 196 783,914	25,662	25,198
23	99 101	44 921,280	1 109 803,164	24,706	24,241	23	99 384	45 049,366	1 150 147,358	25,531	25,067
24	99 050	43 379,512	1 064 881,884	24,548	24,084	24	99 361	43 516,009	1 105 097,991	25,395	24,931
25	98 994	41 889,120	1 021 502,372	24,386	23,922	25	99 341	42 035,954	1 061 581,982	25,254	24,790
26	98 940	40 450,344	979 613,252	24,218	23,754	26	99 319	40 605,514	1 019 546,028	25,109	24,645
27	98 882	39 059,750	939 162,908	24,044	23,580	27	99 296	39 223,096	978 940,514	24,958	24,494
28	98 820	37 715,002	900 103,158	23,866	23,402	28	99 269	37 886,530	939 717,418	24,803	24,339
29	98 760	36 417,718	862 388,157	23,680	23,216	29	99 244	36 596,087	901 830,888	24,643	24,179
30	98 695	35 163,063	825 970,439	23,490	23,026	30	99 216	35 348,393	865 234,802	24,477	24,013
31	98 632	33 952,234	790 807,376	23,292	22,828	31	99 188	34 143,370	829 886,409	24,306	23,842
32	98 562	32 780,677	756 855,142	23,088	22,624	32	99 158	32 978,800	795 743,039	24,129	23,665
33	98 489	31 648,869	724 074,465	22,878	22,414	33	99 122	31 852,280	762 764,239	23,947	23,483
34	98 414	30 555,276	692 425,596	22,661	22,197	34	99 086	30 763,897	730 911,959	23,759	23,295
35	98 336	29 498,590	661 870,320	22,437	21,973	35	99 044	29 710,946	700 148,062	23,565	23,101
36	98 254	28 477,112	632 371,730	22,206	21,742	36	99 005	28 694,810	670 437,116	23,364	22,900
37	98 167	27 489,882	603 894,618	21,968	21,504	37	98 958	27 711,279	641 742,305	23,158	22,694
38	98 074	26 535,070	576 404,736	21,722	21,258	38	98 905	26 759,894	614 031,026	22,946	22,482
39	97 966	25 609,569	549 869,666	21,471	21,007	39	98 850	25 840,576	587 271,132	22,727	22,263
40	97 854	24 715,139	524 260,097	21,212	20,748	40	98 784	24 950,224	561 430,556	22,502	22,038
41	97 728	23 848,728	499 544,958	20,946	20,482	41	98 715	24 089,472	536 480,332	22,270	21,806
42	97 594	23 010,692	475 696,230	20,673	20,209	42	98 636	23 256,197	512 390,861	22,032	21,568
43	97 445	22 198,550	452 685,538	20,393	19,929	43	98 548	22 449,756	489 134,664	21,788	21,324
44	97 271	21 409,629	430 486,988	20,107	19,643	44	98 447	21 668,375	466 684,908	21,538	21,074
45	97 078	20 644,479	409 077,360	19,815	19,351	45	98 336	20 912,114	445 016,533	21,280	20,816
46	96 863	19 902,176	388 432,881	19,517	19,053	46	98 211	20 179,297	424 104,418	21,017	20,553
47	96 623	19 181,592	368 530,705	19,213	18,749	47	98 073	19 469,432	403 925,122	20,747	20,283
48	96 344	18 479,440	349 349,113	18,905	18,441	48	97 913	18 780,287	384 455,690	20,471	20,007
49	96 035	17 797,267	330 869,673	18,591	18,127	49	97 740	18 113,116	365 675,403	20,188	19,724

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 3,5%

x	l_x	D_x	N_x	$ä_x$	$\overset{(12)}{ä}_x$	y	l_y	D_y	N_y	$ä_y$	$\overset{(12)}{ä}_y$
			Männer						Frauen		
50	95 691	17 133,802	313 072,406	18,272	17,808	50	97 538	17 464,585	347 562,287	19,901	19,437
51	95 308	16 488,167	295 938,604	17,949	17,485	51	97 324	16 836,822	330 097,702	19,606	19,142
52	94 857	15 855,228	279 450,437	17,625	17,161	52	97 085	16 227,658	313 260,880	19,304	18,840
53	94 382	15 242,374	263 595,209	17,294	16,830	53	96 819	15 635,852	297 033,222	18,997	18,533
54	93 861	14 645,642	248 352,835	16,957	16,493	54	96 528	15 061,683	281 397,370	18,683	18,219
55	93 280	14 062,747	233 707,193	16,619	16,155	55	96 220	14 505,911	266 335,687	18,360	17,896
56	92 649	13 495,263	219 644,446	16,276	15,812	56	95 879	13 965,714	251 829,776	18,032	17,568
57	91 974	12 943,858	206 149,183	15,926	15,462	57	95 517	13 442,544	237 864,062	17,695	17,231
58	91 234	12 405,529	193 205,325	15,574	15,110	58	95 135	12 936,058	224 421,518	17,349	16,885
59	90 431	11 880,610	180 799,796	15,218	14,754	59	94 716	12 443,459	211 485,460	16,996	16,532
60	89 568	11 369,308	168 919,186	14,857	14,393	60	94 268	11 965,894	199 042,002	16,634	16,170
61	88 638	10 870,685	157 549,878	14,493	14,029	61	93 760	11 498,943	187 076,107	16,269	15,805
62	87 648	10 385,809	146 679,193	14,123	13,659	62	93 222	11 046,243	175 577,165	15,895	15,431
63	86 597	9 914,298	136 293,384	13,747	13,283	63	92 634	10 605,379	164 530,921	15,514	15,050
64	85 502	9 457,920	126 379,086	13,362	12,898	64	92 009	10 177,702	153 925,542	15,124	14,660
65	84 297	9 009,277	116 921,166	12,978	12,514	65	91 333	9 761,258	143 747,840	14,726	14,262
66	83 028	8 573,533	107 911,889	12,587	12,123	66	90 620	9 357,511	133 986,583	14,319	13,855
67	81 654	8 146,587	99 338,355	12,194	11,730	67	89 845	8 963,734	124 629,072	13,904	13,440
68	80 194	7 730,363	91 191,768	11,797	11,333	68	89 024	8 581,521	115 665,338	13,478	13,014
69	78 659	7 325,931	83 461,406	11,393	10,929	69	88 160	8 210,810	107 083,817	13,042	12,578
70	77 011	6 929,958	76 135,475	10,986	10,522	70	87 223	7 848,888	98 873,007	12,597	12,133
71	75 258	6 543,164	69 205,517	10,577	10,113	71	86 211	7 495,463	91 024,119	12,144	11,680
72	73 382	6 164,305	62 662,353	10,165	9,701	72	85 101	7 148,736	83 528,656	11,684	11,220
73	71 393	5 794,396	56 498,048	9,750	9,286	73	83 869	6 806,994	76 379,920	11,221	10,757
74	69 262	5 431,338	50 703,652	9,335	8,871	74	82 505	6 469,859	69 572,926	10,753	10,289
75	66 916	5 069,944	45 272,313	8,930	8,466	75	80 970	6 134,755	63 103,066	10,286	9,822
76	64 411	4 715,109	40 202,369	8,526	8,062	76	79 232	5 800,112	56 968,312	9,822	9,358
77	61 730	4 366,065	35 487,260	8,128	7,664	77	77 292	5 466,716	51 168,200	9,360	8,896
78	58 844	4 021,227	31 121,195	7,739	7,275	78	75 149	5 135,418	45 701,484	8,899	8,435
79	55 736	3 680,024	27 099,968	7,364	6,900	79	72 739	4 802,642	40 566,066	8,447	7,983
80	52 456	3 346,319	23 419,944	6,999	6,535	80	70 098	4 471,766	35 763,424	7,998	7,534
81	49 044	3 022,832	20 073,625	6,641	6,177	81	67 171	4 140,096	31 291,659	7,558	7,094
82	45 471	2 707,836	17 050,793	6,297	5,833	82	63 974	3 809,727	27 151,562	7,127	6,663
83	41 818	2 406,106	14 342,958	5,961	5,497	83	60 446	3 477,916	23 341,835	6,711	6,247
84	38 142	2 120,386	11 936,852	5,630	5,166	84	56 655	3 149,575	19 863,919	6,307	5,843
85	34 397	1 847,519	9 816,466	5,313	4,849	85	52 558	2 823,006	16 714,344	5,921	5,457
86	30 660	1 591,125	7 968,946	5,008	4,544	86	48 209	2 501,825	13 891,338	5,552	5,088
87	26 953	1 351,438	6 377,821	4,719	4,255	87	43 667	2 189,465	11 389,513	5,202	4,738
88	23 308	1 129,140	5 026,384	4,452	3,987	88	38 938	1 886,343	9 200,048	4,877	4,413
89	19 851	929,158	3 897,244	4,194	3,730	89	34 176	1 599,678	7 313,706	4,572	4,108
90	16 530	747,575	2 968,086	3,970	3,506	90	29 340	1 326,857	5 714,027	4,306	3,842
91	13 621	595,173	2 220,512	3,731	3,267	91	24 798	1 083,541	4 387,170	4,049	3,585
92	10 899	460,141	1 625,338	3,532	3,068	92	20 392	860,880	3 303,629	3,838	3,373
93	8 541	348,395	1 165,198	3,344	2,880	93	16 533	674,376	2 442,749	3,622	3,158
94	6 537	257,623	816,803	3,171	2,707	94	13 107	516,531	1 768,374	3,424	2,960
95	4 880	185,802	559,180	3,010	2,546	95	10 146	386,334	1 251,842	3,240	2,776
96	3 548	130,522	373,378	2,861	2,397	96	7 660	281,798	865,509	3,071	2,607
97	2 509	89,187	242,857	2,723	2,259	97	5 632	200,198	583,710	2,916	2,452
98	1 724	59,201	153,669	2,596	2,132	98	4 028	138,345	383,512	2,772	2,308
99	1 149	38,122	94,468	2,478	2,014	99	2 799	92,873	245,167	2,640	2,176
100	742	23,783	56,346	2,369	1,905	100	1 887	60,488	152,294	2,518	2,054

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 3,75%

x	l_x	D_x	N_x	$ä_x$	$^{(12)}ä_x$	y	l_y	D_y	N_y	$ä_y$	$^{(12)}ä_y$
			Männer						Frauen		
0	100 000	100 000,000	2 575 910,332	25,759	25,295	0	100 000	100 000,000	2 611 665,794	26,117	25,652
1	99 613	96 012,741	2 475 910,332	25,787	25,323	1	99 685	96 081,669	2 511 665,794	26,141	25,677
2	99 581	92 512,119	2 379 897,592	25,725	25,261	2	99 658	92 584,392	2 415 584,125	26,091	25,626
3	99 562	89 151,478	2 287 385,472	25,657	25,193	3	99 644	89 224,677	2 322 999,733	26,035	25,571
4	99 548	85 917,186	2 198 233,995	25,585	25,121	4	99 632	85 990,080	2 233 775,056	25,977	25,513
5	99 535	82 800,748	2 112 316,809	25,511	25,046	5	99 621	82 872,126	2 147 784,977	25,917	25,452
6	99 524	79 799,328	2 029 516,060	25,433	24,968	6	99 610	79 868,675	2 064 912,850	25,854	25,389
7	99 513	76 906,888	1 949 716,732	25,352	24,887	7	99 602	76 975,151	1 985 044,175	25,788	25,324
8	99 505	74 121,014	1 872 809,844	25,267	24,802	8	99 593	74 186,549	1 908 069,024	25,720	25,255
9	99 497	71 435,990	1 798 688,830	25,179	24,715	9	99 586	71 499,841	1 833 882,475	25,649	25,184
10	99 489	68 848,559	1 727 252,840	25,088	24,623	10	99 579	68 910,756	1 762 382,634	25,575	25,110
11	99 480	66 354,126	1 658 404,281	24,993	24,529	11	99 572	66 415,292	1 693 471,878	25,498	25,034
12	99 472	63 950,296	1 592 050,154	24,895	24,431	12	99 564	64 009,620	1 627 056,587	25,419	24,955
13	99 461	61 631,980	1 528 099,858	24,794	24,330	13	99 556	61 691,053	1 563 046,967	25,337	24,872
14	99 450	59 397,731	1 466 467,878	24,689	24,225	14	99 547	59 455,929	1 501 355,914	25,252	24,787
15	99 435	57 242,232	1 407 070,148	24,581	24,117	15	99 536	57 300,708	1 441 899,985	25,164	24,699
16	99 417	55 163,413	1 349 827,916	24,470	24,005	16	99 524	55 222,651	1 384 599,277	25,073	24,609
17	99 391	53 155,747	1 294 664,503	24,356	23,892	17	99 508	53 218,462	1 329 376,626	24,980	24,515
18	99 358	51 217,097	1 241 508,756	24,240	23,776	18	99 493	51 286,671	1 276 158,164	24,883	24,418
19	99 310	49 342,108	1 190 291,659	24,123	23,659	19	99 470	49 421,645	1 224 871,493	24,784	24,320
20	99 261	47 535,418	1 140 949,551	24,002	23,538	20	99 449	47 625,482	1 175 449,848	24,681	24,217
21	99 208	45 792,626	1 093 414,133	23,878	23,413	21	99 427	45 893,889	1 127 824,366	24,575	24,110
22	99 154	44 113,618	1 047 621,507	23,748	23,284	22	99 406	44 225,816	1 081 930,477	24,464	23,999
23	99 101	42 496,556	1 003 507,889	23,614	23,149	23	99 384	42 617,730	1 037 704,661	24,349	23,885
24	99 050	40 939,123	961 011,333	23,474	23,010	24	99 361	41 067,940	995 086,932	24,230	23,766
25	98 994	39 437,315	920 072,210	23,330	22,866	25	99 341	39 575,556	954 018,991	24,106	23,642
26	98 940	37 990,987	880 634,895	23,180	22,716	26	99 319	38 136,723	914 443,436	23,978	23,514
27	98 882	36 596,542	842 643,908	23,025	22,561	27	99 296	36 749,587	876 306,713	23,845	23,381
28	98 820	35 251,449	806 047,365	22,866	22,401	28	99 269	35 411,773	839 557,126	23,708	23,244
29	98 760	33 956,883	770 795,916	22,699	22,235	29	99 244	34 123,199	804 145,353	23,566	23,102
30	98 695	32 708,003	736 839,034	22,528	22,063	30	99 216	32 880,393	770 022,154	23,419	22,954
31	98 632	31 505,613	704 131,031	22,349	21,885	31	99 188	31 682,975	737 141,761	23,266	22,802
32	98 562	30 345,181	672 625,418	22,166	21,701	32	99 158	30 528,584	705 458,785	23,108	22,644
33	98 489	29 226,867	642 280,236	21,976	21,511	33	99 122	29 414,711	674 930,201	22,945	22,481
34	98 414	28 148,971	613 053,369	21,779	21,314	34	99 086	28 341,163	645 515,489	22,777	22,312
35	98 336	27 110,018	584 904,398	21,575	21,111	35	99 044	27 305,180	617 174,327	22,603	22,138
36	98 254	26 108,189	557 794,380	21,365	20,900	36	99 005	26 307,777	589 869,147	22,422	21,957
37	98 167	25 142,353	531 686,192	21,147	20,683	37	98 958	25 344,844	563 561,370	22,236	21,771
38	98 074	24 210,599	506 543,838	20,922	20,458	38	98 905	24 415,728	538 216,526	22,044	21,579
39	97 966	23 309,867	482 333,240	20,692	20,228	39	98 850	23 520,130	513 800,798	21,845	21,381
40	97 854	22 441,549	459 023,373	20,454	19,990	40	98 784	22 655,008	490 280,668	21,641	21,177
41	97 728	21 602,660	436 581,824	20,210	19,745	41	98 715	21 820,731	467 625,660	21,430	20,966
42	97 594	20 793,325	414 979,163	19,957	19,493	42	98 636	21 015,173	445 804,929	21,213	20,749
43	97 445	20 011,107	394 185,838	19,698	19,234	43	98 548	20 237,559	424 789,756	20,990	20,526
44	97 271	19 253,420	374 174,731	19,434	18,970	44	98 447	19 486,108	404 552,197	20,761	20,297
45	97 078	18 520,595	354 921,311	19,164	18,699	45	98 336	18 760,696	385 066,089	20,525	20,061
46	96 863	17 811,636	336 400,716	18,887	18,422	46	98 211	18 059,647	366 305,393	20,283	19,819
47	96 623	17 125,377	318 589,081	18,603	18,139	47	98 073	17 382,361	348 245,746	20,034	19,570
48	96 344	16 458,738	301 463,704	18,316	17,852	48	97 913	16 726,688	330 863,385	19,781	19,316
49	96 035	15 812,965	285 004,966	18,023	17,559	49	97 740	16 093,598	314 136,697	19,519	19,055

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 3,75%

x	l_x	D_x	N_x	$ä_x$	$ä_x^{(12)}$	y	l_y	D_y	N_y	$ä_y$	$ä_y^{(12)}$
			Männer						Frauen		
50	95 691	15 186,789	269 192,001	17,725	17,261	50	97 538	15 479,984	298 043,099	19,253	18,789
51	95 308	14 579,306	254 005,213	17,422	16,958	51	97 324	14 887,596	282 563,116	18,980	18,515
52	94 857	13 985,861	239 425,907	17,119	16,655	52	97 085	14 314,380	267 675,519	18,700	18,235
53	94 382	13 412,865	225 440,046	16,808	16,343	53	96 819	13 759,115	253 361,139	18,414	17,950
54	93 861	12 856,703	212 027,181	16,492	16,027	54	96 528	13 221,926	239 602,024	18,122	17,657
55	93 280	12 315,261	199 170,477	16,173	15,708	55	96 220	12 703,356	226 380,099	17,820	17,356
56	92 649	11 789,816	186 855,217	15,849	15,384	56	95 879	12 200,815	213 676,743	17,513	17,049
57	91 974	11 280,846	175 065,401	15,519	15,054	57	95 517	11 715,461	201 475,928	17,197	16,733
58	91 234	10 785,629	163 784,555	15,185	14,721	58	95 135	11 246,882	189 760,467	16,872	16,408
59	90 431	10 304,364	152 998,926	14,848	14,384	59	94 716	10 792,537	178 513,585	16,540	16,076
60	89 568	9 837,136	142 694,562	14,506	14,041	60	94 268	10 353,324	167 721,049	16,200	15,735
61	88 638	9 383,046	132 857,426	14,159	13,695	61	93 760	9 925,327	157 367,724	15,855	15,391
62	87 648	8 942,923	123 474,381	13,807	13,343	62	93 222	9 511,604	147 442,397	15,501	15,037
63	86 597	8 516,347	114 531,458	13,448	12,984	63	92 634	9 109,984	137 930,794	15,141	14,676
64	85 502	8 104,744	106 015,110	13,081	12,616	64	92 009	8 721,544	128 820,810	14,770	14,306
65	84 297	7 701,686	97 910,366	12,713	12,248	65	91 333	8 344,526	120 099,266	14,393	13,928
66	83 028	7 311,525	90 208,680	12,338	11,873	66	90 620	7 980,102	111 754,740	14,004	13,540
67	81 654	6 930,684	82 897,155	11,961	11,496	67	89 845	7 625,869	103 774,638	13,608	13,144
68	80 194	6 560,735	75 966,471	11,579	11,115	68	89 024	7 283,110	96 148,769	13,202	12,737
69	78 659	6 202,513	69 405,737	11,190	10,726	69	88 160	6 951,698	88 865,659	12,783	12,319
70	77 011	5 853,124	63 203,224	10,798	10,334	70	87 223	6 629,263	81 913,961	12,356	11,892
71	75 258	5 513,117	57 350,100	10,402	9,938	71	86 211	6 315,501	75 284,698	11,921	11,456
72	73 382	5 181,383	51 836,984	10,004	9,540	72	85 101	6 008,843	68 969,197	11,478	11,014
73	71 393	4 858,722	46 655,600	9,602	9,138	73	83 869	5 707,806	62 960,354	11,031	10,566
74	69 262	4 543,316	41 796,879	9,200	8,735	74	82 505	5 412,039	57 252,548	10,579	10,114
75	66 916	4 230,790	37 253,563	8,805	8,341	75	80 970	5 119,358	51 840,509	10,126	9,662
76	64 411	3 925,205	33 022,772	8,413	7,949	76	79 232	4 828,441	46 721,150	9,676	9,212
77	61 730	3 625,876	29 097,567	8,025	7,561	77	77 292	4 539,931	41 892,709	9,228	8,763
78	58 844	3 331,453	25 471,691	7,646	7,181	78	75 149	4 254,523	37 352,778	8,780	8,315
79	55 736	3 041,431	22 140,238	7,280	6,815	79	72 739	3 969,241	33 098,255	8,339	7,874
80	52 456	2 758,969	19 098,807	6,922	6,458	80	70 098	3 686,877	29 129,013	7,901	7,436
81	49 044	2 486,256	16 339,838	6,572	6,108	81	67 171	3 405,197	25 442,137	7,472	7,007
82	45 471	2 221,807	13 853,582	6,235	5,771	82	63 974	3 125,921	22 036,940	7,050	6,585
83	41 818	1 969,478	11 631,775	5,906	5,442	83	60 446	2 846,789	18 911,019	6,643	6,179
84	38 142	1 731,424	9 662,297	5,581	5,116	84	56 655	2 571,819	16 064,230	6,246	5,782
85	34 397	1 504,977	7 930,873	5,270	4,805	85	52 558	2 299,601	13 492,410	5,867	5,403
86	30 660	1 292,996	6 425,897	4,970	4,505	86	48 209	2 033,059	11 192,809	5,505	5,041
87	26 953	1 095,573	5 132,900	4,685	4,221	87	43 667	1 774,939	9 159,750	5,161	4,696
88	23 308	913,157	4 037,327	4,421	3,957	88	38 938	1 525,521	7 384,811	4,841	4,376
89	19 851	749,616	3 124,171	4,168	3,703	89	34 176	1 290,573	5 859,291	4,540	4,076
90	16 530	601,667	2 374,554	3,947	3,482	90	29 340	1 067,889	4 568,718	4,278	3,814
91	13 621	477,857	1 772,887	3,710	3,246	91	24 798	869,961	3 500,830	4,024	3,560
92	10 899	368,551	1 295,030	3,514	3,049	92	20 392	689,523	2 630,869	3,815	3,351
93	8 541	278,375	926,480	3,328	2,864	93	16 533	538,841	1 941,345	3,603	3,138
94	6 537	205,351	648,105	3,156	2,692	94	13 107	411,725	1 402,504	3,406	2,942
95	4 880	147,745	442,754	2,997	2,532	95	10 146	307,203	990,779	3,225	2,761
96	3 548	103,538	295,009	2,849	2,385	96	7 660	223,539	683,576	3,058	2,594
97	2 509	70,578	191,471	2,713	2,248	97	5 632	158,426	460,036	2,904	2,439
98	1 724	46,736	120,893	2,587	2,122	98	4 028	109,216	301,610	2,762	2,297
99	1 149	30,023	74,157	2,470	2,006	99	2 799	73,141	192,394	2,630	2,166
100	742	18,685	44,134	2,362	1,898	100	1 887	47,522	119,253	2,509	2,045

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 4%

x	l_x	D_x	N_x	$ä_x$	$^{(12)}ä_x$	y	l_y	D_y	N_y	$ä_y$	$^{(12)}ä_y$
			Männer						Frauen		
0	100 000	100 000,000	2 446 281,239	24,463	23,998	0	100 000	100 000,000	2 476 842,361	24,768	24,304
1	99 613	95 781,941	2 346 281,239	24,496	24,031	1	99 685	95 850,703	2 376 842,361	24,797	24,333
2	99 581	92 067,884	2 250 499,299	24,444	23,979	2	99 658	92 139,810	2 280 991,658	24,756	24,291
3	99 562	88 510,103	2 158 431,415	24,386	23,921	3	99 644	88 582,775	2 188 851,848	24,710	24,245
4	99 548	85 094,033	2 069 921,312	24,325	23,860	4	99 632	85 166,228	2 100 269,073	24,661	24,196
5	99 535	81 810,320	1 984 827,279	24,261	23,797	5	99 621	81 880,845	2 015 102,844	24,610	24,145
6	99 524	78 655,271	1 903 016,959	24,194	23,730	6	99 610	78 723,624	1 933 222,000	24,557	24,092
7	99 513	75 622,077	1 824 361,688	24,125	23,660	7	99 602	75 689,200	1 854 498,376	24,501	24,037
8	99 505	72 707,545	1 748 739,610	24,052	23,587	8	99 593	72 771,830	1 778 809,177	24,444	23,979
9	99 497	69 905,277	1 676 032,066	23,976	23,511	9	99 586	69 967,760	1 706 037,347	24,383	23,918
10	99 489	67 211,334	1 606 126,788	23,897	23,432	10	99 579	67 272,052	1 636 069,586	24,320	23,855
11	99 480	64 620,507	1 538 915,454	23,815	23,350	11	99 572	64 680,074	1 568 797,534	24,255	23,790
12	99 472	62 129,771	1 474 294,947	23,729	23,264	12	99 564	62 187,406	1 504 117,460	24,187	23,722
13	99 461	59 733,516	1 412 165,176	23,641	23,176	13	99 556	59 790,769	1 441 930,054	24,116	23,651
14	99 450	57 429,704	1 352 431,660	23,549	23,085	14	99 547	57 485,974	1 382 139,285	24,043	23,578
15	99 435	55 212,581	1 295 001,956	23,455	22,990	15	99 536	55 268,984	1 324 653,311	23,967	23,503
16	99 417	53 079,569	1 239 789,375	23,357	22,892	16	99 524	53 136,569	1 269 384,327	23,889	23,424
17	99 391	51 024,792	1 186 709,806	23,258	22,793	17	99 508	51 084,993	1 216 247,758	23,808	23,343
18	99 358	49 045,679	1 135 685,014	23,156	22,691	18	99 493	49 112,303	1 165 162,764	23,724	23,260
19	99 310	47 136,601	1 086 639,335	23,053	22,588	19	99 470	47 212,582	1 116 050,461	23,639	23,174
20	99 261	45 301,505	1 039 502,734	22,946	22,481	20	99 449	45 387,337	1 068 837,879	23,549	23,084
21	99 208	43 535,710	994 201,229	22,836	22,372	21	99 427	43 631,983	1 023 450,542	23,456	22,992
22	99 154	41 838,638	950 665,519	22,722	22,257	22	99 406	41 945,049	979 818,559	23,360	22,895
23	99 101	40 208,082	908 826,881	22,603	22,138	23	99 384	40 322,730	937 873,510	23,259	22,794
24	99 050	38 641,406	868 618,799	22,479	22,014	24	99 361	38 762,993	897 550,780	23,155	22,690
25	98 994	37 134,407	829 977,393	22,351	21,886	25	99 341	37 264,575	858 787,787	23,046	22,581
26	98 940	35 686,544	792 842,986	22,217	21,752	26	99 319	35 823,440	821 523,212	22,933	22,468
27	98 882	34 294,047	757 156,442	22,078	21,614	27	99 296	34 437,463	785 699,772	22,815	22,350
28	98 820	32 954,174	722 862,394	21,935	21,471	28	99 269	33 104,050	751 262,309	22,694	22,229
29	98 760	31 667,664	689 908,221	21,786	21,321	29	99 244	31 822,768	718 158,259	22,567	22,103
30	98 695	30 429,654	658 240,557	21,632	21,167	30	99 216	30 590,036	686 335,491	22,437	21,972
31	98 632	29 240,560	627 810,903	21,471	21,006	31	99 188	29 405,171	655 745,455	22,300	21,836
32	98 562	28 095,855	598 570,343	21,305	20,840	32	99 158	28 265,663	626 340,284	22,159	21,694
33	98 489	26 995,386	570 474,488	21,132	20,667	33	99 122	27 168,888	598 074,621	22,013	21,548
34	98 414	25 937,288	543 479,102	20,954	20,489	34	99 086	26 114,379	570 905,732	21,862	21,397
35	98 336	24 919,919	517 541,814	20,768	20,303	35	99 044	25 099,314	544 791,353	21,705	21,241
36	98 254	23 941,333	492 621,895	20,576	20,111	36	99 005	24 124,356	519 692,039	21,542	21,077
37	98 167	23 000,235	468 680,562	20,377	19,912	37	98 958	23 185,473	495 567,683	21,374	20,909
38	98 074	22 094,625	445 680,328	20,171	19,707	38	98 905	22 281,826	472 382,209	21,200	20,736
39	97 966	21 221,480	423 585,702	19,960	19,495	39	98 850	21 412,906	450 100,383	21,020	20,555
40	97 854	20 381,844	402 364,222	19,741	19,276	40	98 784	20 575,711	428 687,477	20,835	20,370
41	97 728	19 572,786	381 982,378	19,516	19,051	41	98 715	19 770,366	408 111,766	20,643	20,178
42	97 594	18 794,212	362 409,592	19,283	18,818	42	98 636	18 994,731	388 341,400	20,445	19,980
43	97 445	18 043,719	343 615,380	19,043	18,579	43	98 548	18 247,907	369 346,669	20,240	19,776
44	97 271	17 318,792	325 571,661	18,799	18,334	44	98 447	17 528,099	351 098,762	20,031	19,566
45	97 078	16 619,555	308 252,869	18,548	18,083	45	98 336	16 835,011	333 570,663	19,814	19,349
46	96 863	15 944,946	291 633,314	18,290	17,825	46	98 211	16 166,965	316 735,652	19,592	19,127
47	96 623	15 293,755	275 688,368	18,026	17,561	47	98 073	15 523,254	300 568,686	19,362	18,898
48	96 344	14 663,084	260 394,613	17,759	17,294	48	97 913	14 901,800	285 045,432	19,128	18,663
49	96 035	14 053,899	245 731,529	17,485	17,020	49	97 740	14 303,314	270 143,633	18,887	18,422

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 4%

x	l_x	D_x	N_x	$ä_x$	$ä_x^{(12)}$	y	l_y	D_y	N_y	$ä_y$	$ä_y^{(12)}$
			Männer						Frauen		
50	95 691	13 464,935	231 677,630	17,206	16,741	50	97 538	13 724,888	255 840,318	18,641	18,176
51	95 308	12 895,255	218 212,695	16,922	16,457	51	97 324	13 167,934	242 115,430	18,387	17,922
52	94 857	12 340,622	205 317,441	16,638	16,173	52	97 085	12 630,495	228 947,496	18,127	17,662
53	94 382	11 806,581	192 976,819	16,345	15,880	53	96 819	12 111,365	216 317,001	17,861	17,396
54	93 861	11 289,819	181 170,238	16,047	15,582	54	96 528	11 610,531	204 205,635	17,588	17,123
55	93 280	10 788,368	169 880,418	15,747	15,282	55	96 220	11 128,345	192 595,104	17,307	16,842
56	92 649	10 303,243	159 092,051	15,441	14,976	56	95 879	10 662,419	181 466,759	17,019	16,554
57	91 974	9 834,750	148 788,808	15,129	14,664	57	95 517	10 213,652	170 804,340	16,723	16,258
58	91 234	9 380,412	138 954,058	14,813	14,348	58	95 135	9 781,570	160 590,688	16,418	15,953
59	90 431	8 940,306	129 573,646	14,493	14,028	59	94 716	9 363,856	150 809,119	16,105	15,641
60	89 568	8 514,412	120 633,340	14,168	13,703	60	94 268	8 961,192	141 445,263	15,784	15,319
61	88 638	8 101,857	112 118,929	13,839	13,374	61	93 760	8 570,093	132 484,070	15,459	14,994
62	87 648	7 703,268	104 017,072	13,503	13,038	62	93 222	8 193,119	123 913,977	15,124	14,659
63	86 597	7 318,189	96 313,804	13,161	12,696	63	92 634	7 828,307	115 720,858	14,782	14,318
64	85 502	6 947,752	88 995,615	12,809	12,344	64	92 009	7 476,501	107 892,551	14,431	13,966
65	84 297	6 586,362	82 047,863	12,457	11,992	65	91 333	7 136,109	100 416,050	14,072	13,607
66	83 028	6 237,672	75 461,500	12,098	11,633	66	90 620	6 808,055	93 279,941	13,701	13,237
67	81 654	5 898,552	69 223,828	11,736	11,271	67	89 845	6 490,208	86 471,887	13,323	12,859
68	80 194	5 570,274	63 325,277	11,368	10,904	68	89 024	6 183,594	79 981,678	12,934	12,470
69	78 659	5 253,473	57 755,002	10,994	10,529	69	88 160	5 888,026	73 798,084	12,534	12,069
70	77 011	4 945,627	52 501,529	10,616	10,151	70	87 223	5 601,429	67 910,058	12,124	11,659
71	75 258	4 647,138	47 555,902	10,233	9,769	71	86 211	5 323,487	62 308,628	11,704	11,240
72	73 382	4 357,013	42 908,765	9,848	9,383	72	85 101	5 052,822	56 985,141	11,278	10,813
73	71 393	4 075,866	38 551,751	9,459	8,994	73	83 869	4 788,143	51 932,319	10,846	10,381
74	69 262	3 802,118	34 475,885	9,068	8,603	74	82 505	4 529,118	47 144,175	10,409	9,944
75	66 916	3 532,067	30 673,766	8,684	8,220	75	80 970	4 273,887	42 615,058	9,971	9,506
76	64 411	3 269,072	27 141,699	8,303	7,838	76	79 232	4 021,325	38 341,171	9,534	9,070
77	61 730	3 012,520	23 872,627	7,924	7,460	77	77 292	3 771,953	34 319,846	9,099	8,634
78	58 844	2 761,248	20 860,106	7,555	7,090	78	75 149	3 526,327	30 547,893	8,663	8,198
79	55 736	2 514,806	18 098,858	7,197	6,732	79	72 739	3 281,966	27 021,566	8,233	7,769
80	52 456	2 275,769	15 584,052	6,848	6,383	80	70 098	3 041,164	23 739,600	7,806	7,341
81	49 044	2 045,888	13 308,283	6,505	6,040	81	67 171	2 802,066	20 698,436	7,387	6,922
82	45 471	1 823,884	11 262,395	6,175	5,710	82	63 974	2 566,072	17 896,370	6,974	6,509
83	41 818	1 612,860	9 438,512	5,852	5,387	83	60 446	2 331,315	15 330,299	6,576	6,111
84	38 142	1 414,503	7 825,652	5,532	5,068	84	56 655	2 101,071	12 998,984	6,187	5,722
85	34 397	1 226,549	6 411,149	5,227	4,762	85	52 558	1 874,164	10 897,913	5,815	5,350
86	30 660	1 051,253	5 184,600	4,932	4,467	86	48 209	1 652,951	9 023,748	5,459	4,994
87	26 953	888,599	4 133,347	4,652	4,187	87	43 667	1 439,620	7 370,798	5,120	4,655
88	23 308	738,864	3 244,748	4,392	3,927	88	38 938	1 234,348	5 931,177	4,805	4,340
89	19 851	605,081	2 505,883	4,141	3,677	89	34 176	1 041,733	4 696,830	4,509	4,044
90	16 530	484,491	1 900,803	3,923	3,458	90	29 340	859,914	3 655,096	4,251	3,786
91	13 621	383,867	1 416,312	3,690	3,225	91	24 798	698,849	2 795,182	4,000	3,535
92	10 899	295,349	1 032,445	3,496	3,031	92	20 392	552,570	2 096,333	3,794	3,329
93	8 541	222,548	737,096	3,312	2,847	93	16 533	430,778	1 543,763	3,584	3,119
94	6 537	163,774	514,548	3,142	2,677	94	13 107	328,364	1 112,985	3,389	2,925
95	4 880	117,548	350,774	2,984	2,519	95	10 146	244,416	784,621	3,210	2,745
96	3 548	82,178	233,226	2,838	2,373	96	7 660	177,424	540,205	3,045	2,580
97	2 509	55,883	151,048	2,703	2,238	97	5 632	125,441	362,781	2,892	2,427
98	1 724	36,916	95,164	2,578	2,113	98	4 028	86,268	237,340	2,751	2,286
99	1 149	23,658	58,248	2,462	1,997	99	2 799	57,635	151,072	2,621	2,156
100	742	14,688	34,590	2,355	1,890	100	1 887	37,357	93,437	2,501	2,036

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 4,25%

x	l_x	D_x	N_x	$ä_x$	$^{(12)}ä_x$	y	l_y	D_y	N_y	$ä_y$	$^{(12)}ä_y$
			Männer						Frauen		
0	100 000	100 000,000	2 328 065,099	23,281	22,815	0	100 000	100 000,000	2 354 261,650	23,543	23,077
1	99 613	95 552,248	2 228 065,099	23,318	22,853	1	99 685	95 620,845	2 254 261,650	23,575	23,110
2	99 581	91 626,841	2 132 512,851	23,274	22,809	2	99 658	91 698,422	2 158 640,805	23,541	23,075
3	99 562	87 874,865	2 040 886,010	23,225	22,760	3	99 644	87 947,016	2 066 942,383	23,502	23,037
4	99 548	84 280,715	1 953 011,145	23,173	22,707	4	99 632	84 352,220	1 978 995,367	23,461	22,996
5	99 535	80 834,075	1 868 730,430	23,118	22,653	5	99 621	80 903,757	1 894 643,147	23,418	22,953
6	99 524	77 530,304	1 787 896,356	23,061	22,595	6	99 610	77 597,679	1 813 739,390	23,374	22,908
7	99 513	74 361,738	1 710 366,052	23,001	22,535	7	99 602	74 427,742	1 736 141,711	23,327	22,861
8	99 505	71 324,327	1 636 004,314	22,938	22,472	8	99 593	71 387,390	1 661 713,969	23,277	22,812
9	99 497	68 410,922	1 564 679,986	22,872	22,407	9	99 586	68 472,069	1 590 326,579	23,226	22,761
10	99 489	65 616,834	1 496 269,064	22,803	22,338	10	99 579	65 676,111	1 521 854,510	23,172	22,707
11	99 480	62 936,182	1 430 652,230	22,732	22,267	11	99 572	62 994,197	1 456 178,399	23,116	22,651
12	99 472	60 365,258	1 367 716,048	22,657	22,192	12	99 564	60 421,256	1 393 184,202	23,058	22,593
13	99 461	57 897,880	1 307 350,790	22,580	22,115	13	99 556	57 953,374	1 332 762,946	22,997	22,532
14	99 450	55 531,376	1 249 452,910	22,500	22,035	14	99 547	55 585,787	1 274 809,572	22,934	22,469
15	99 435	53 259,512	1 193 921,534	22,417	21,952	15	99 536	53 313,920	1 219 223,786	22,869	22,404
16	99 417	51 079,166	1 140 662,022	22,331	21,866	16	99 524	51 134,018	1 165 909,865	22,801	22,336
17	99 391	48 984,077	1 089 582,856	22,244	21,778	17	99 508	49 041,870	1 114 775,847	22,731	22,266
18	99 358	46 971,206	1 040 598,778	22,154	21,689	18	99 493	47 035,013	1 065 733,977	22,658	22,193
19	99 310	45 034,619	993 627,572	22,064	21,598	19	99 470	45 107,213	1 018 698,965	22,584	22,119
20	99 261	43 177,565	948 592,953	21,970	21,504	20	99 449	43 259,373	973 591,752	22,506	22,041
21	99 208	41 395,051	905 415,388	21,873	21,407	21	99 427	41 486,590	930 332,379	22,425	21,960
22	99 154	39 686,025	864 020,337	21,771	21,306	22	99 406	39 786,961	888 845,789	22,340	21,875
23	99 101	38 047,901	824 334,312	21,666	21,200	23	99 384	38 156,389	849 058,828	22,252	21,787
24	99 050	36 477,707	786 286,411	21,555	21,090	24	99 361	36 592,487	810 902,439	22,160	21,695
25	98 994	34 971,027	749 808,704	21,441	20,976	25	99 341	35 093,611	774 309,953	22,064	21,599
26	98 940	33 526,920	714 837,677	21,321	20,856	26	99 319	33 655,531	739 216,341	21,964	21,499
27	98 882	32 141,429	681 310,757	21,197	20,732	27	99 296	32 275,843	705 560,810	21,860	21,395
28	98 820	30 811,592	649 169,328	21,069	20,604	28	99 269	30 951,724	673 284,967	21,753	21,288
29	98 760	29 537,724	618 357,735	20,935	20,469	29	99 244	29 682,395	642 333,243	21,640	21,175
30	98 695	28 314,916	588 820,012	20,795	20,330	30	99 216	28 464,152	612 650,847	21,524	21,058
31	98 632	27 143,211	560 505,095	20,650	20,185	31	99 188	27 296,015	584 186,695	21,402	20,937
32	98 562	26 018,070	533 361,884	20,500	20,034	32	99 158	26 175,320	556 890,680	21,275	20,810
33	98 489	24 939,035	507 343,815	20,343	19,878	33	99 122	25 099,321	530 715,359	21,145	20,679
34	98 414	23 904,075	482 404,780	20,181	19,716	34	99 086	24 067,284	505 616,039	21,008	20,543
35	98 336	22 911,381	458 500,705	20,012	19,547	35	99 044	23 076,317	481 548,755	20,868	20,402
36	98 254	21 958,883	435 589,324	19,837	19,371	36	99 005	22 126,752	458 472,438	20,720	20,255
37	98 167	21 045,123	413 630,441	19,654	19,189	37	98 958	21 214,615	436 345,686	20,568	20,103
38	98 074	20 168,013	392 585,318	19,466	19,001	38	98 905	20 338,891	415 131,071	20,411	19,945
39	97 966	19 324,551	372 417,305	19,272	18,806	39	98 850	19 498,866	394 792,180	20,247	19,782
40	97 854	18 515,460	353 092,753	19,070	18,605	40	98 784	18 691,575	375 293,314	20,078	19,613
41	97 728	17 737,849	334 577,293	18,862	18,397	41	98 715	17 916,906	356 601,739	19,903	19,438
42	97 594	16 991,421	316 839,445	18,647	18,182	42	98 636	17 172,705	338 684,834	19,722	19,257
43	97 445	16 273,798	299 848,024	18,425	17,960	43	98 548	16 457,957	321 512,129	19,535	19,070
44	97 271	15 582,521	283 574,226	18,198	17,733	44	98 447	15 770,844	305 054,172	19,343	18,878
45	97 078	14 917,526	267 991,705	17,965	17,500	45	98 336	15 110,917	289 283,327	19,144	18,679
46	96 863	14 277,683	253 074,179	17,725	17,260	46	98 211	14 476,487	274 172,410	18,939	18,474
47	96 623	13 661,742	238 796,496	17,479	17,014	47	98 073	13 866,751	259 695,923	18,728	18,263
48	96 344	13 066,959	225 134,754	17,229	16,764	48	97 913	13 279,691	245 829,172	18,512	18,046
49	96 035	12 494,053	212 067,794	16,973	16,508	49	97 740	12 715,785	232 549,482	18,288	17,823

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 4,25%

x	l_x	D_x	N_x	$ä_x$	$ä_x^{(12)}$	y	l_y	D_y	N_y	$ä_y$	$ä_y^{(12)}$
			Männer						Frauen		
50	95 691	11 941,752	199 573,742	16,712	16,247	50	97 538	12 172,298	219 833,696	18,060	17,595
51	95 308	11 409,089	187 631,990	16,446	15,981	51	97 324	11 650,343	207 661,398	17,824	17,359
52	94 857	10 892,194	176 222,901	16,179	15,714	52	97 085	11 148,045	196 011,055	17,583	17,117
53	94 382	10 395,844	165 330,706	15,904	15,438	53	96 819	10 664,211	184 863,010	17,335	16,870
54	93 861	9 916,990	154 934,862	15,623	15,158	54	96 528	10 198,703	174 198,799	17,080	16,615
55	93 280	9 453,789	145 017,872	15,340	14,874	55	96 220	9 751,709	164 000,096	16,818	16,352
56	92 649	9 007,025	135 564,083	15,051	14,586	56	95 879	9 321,014	154 248,386	16,548	16,083
57	91 974	8 576,855	126 557,058	14,756	14,290	57	95 517	8 907,294	144 927,372	16,271	15,805
58	91 234	8 161,010	117 980,204	14,457	13,991	58	95 135	8 510,019	136 020,078	15,984	15,518
59	90 431	7 759,462	109 819,194	14,153	13,688	59	94 716	8 127,070	127 510,059	15,690	15,224
60	89 568	7 372,099	102 059,731	13,844	13,379	60	94 268	7 758,939	119 382,989	15,387	14,921
61	88 638	6 998,072	94 687,632	13,531	13,065	61	93 760	7 402,516	111 624,050	15,079	14,614
62	87 648	6 637,829	87 689,561	13,211	12,745	62	93 222	7 059,929	104 221,534	14,762	14,297
63	86 597	6 290,889	81 051,731	12,884	12,419	63	92 634	6 729,398	97 161,605	14,438	13,973
64	85 502	5 958,130	74 760,842	12,548	12,082	64	92 009	6 411,565	90 432,207	14,105	13,639
65	84 297	5 634,671	68 802,713	12,211	11,745	65	91 333	6 104,982	84 020,642	13,763	13,297
66	83 028	5 323,567	63 168,042	11,866	11,401	66	90 620	5 810,362	77 915,660	13,410	12,945
67	81 654	5 022,071	57 844,475	11,518	11,053	67	89 845	5 525,812	72 105,298	13,049	12,584
68	80 194	4 731,200	52 822,404	11,165	10,699	68	89 024	5 252,133	66 579,486	12,677	12,211
69	78 659	4 451,420	48 091,204	10,804	10,338	69	88 160	4 989,095	61 327,353	12,292	11,827
70	77 011	4 180,523	43 639,784	10,439	9,974	70	87 223	4 734,871	56 338,258	11,899	11,433
71	75 258	3 918,791	39 459,261	10,069	9,604	71	86 211	4 489,136	51 603,386	11,495	11,030
72	73 382	3 665,327	35 540,470	9,696	9,231	72	85 101	4 250,675	47 114,250	11,084	10,619
73	71 393	3 420,590	31 875,142	9,319	8,853	73	83 869	4 018,355	42 863,576	10,667	10,202
74	69 262	3 183,201	28 454,552	8,939	8,474	74	82 505	3 791,858	38 845,221	10,244	9,779
75	66 916	2 950,018	25 271,351	8,567	8,101	75	80 970	3 569,593	35 053,363	9,820	9,355
76	64 411	2 723,814	22 321,333	8,195	7,730	76	79 232	3 350,596	31 483,771	9,396	8,931
77	61 730	2 504,034	19 597,519	7,826	7,361	77	77 292	3 135,281	28 133,174	8,973	8,508
78	58 844	2 289,670	17 093,485	7,465	7,000	78	75 149	2 924,086	24 997,893	8,549	8,084
79	55 736	2 080,316	14 803,815	7,116	6,651	79	72 739	2 714,931	22 073,807	8,131	7,665
80	52 456	1 878,063	12 723,499	6,775	6,310	80	70 098	2 509,701	19 358,876	7,714	7,248
81	49 044	1 684,307	10 845,436	6,439	5,974	81	67 171	2 306,841	16 849,175	7,304	6,839
82	45 471	1 497,938	9 161,129	6,116	5,651	82	63 974	2 107,489	14 542,334	6,900	6,435
83	41 818	1 321,449	7 663,192	5,799	5,334	83	60 446	1 910,094	12 434,845	6,510	6,045
84	38 142	1 156,152	6 341,742	5,485	5,020	84	56 655	1 717,323	10 524,751	6,129	5,663
85	34 397	1 000,123	5 185,590	5,185	4,720	85	52 558	1 528,186	8 807,428	5,763	5,298
86	30 660	855,131	4 185,467	4,895	4,429	86	48 209	1 344,577	7 279,243	5,414	4,949
87	26 953	721,089	3 330,336	4,618	4,153	87	43 667	1 168,237	5 934,666	5,080	4,615
88	23 308	598,143	2 609,247	4,362	3,897	88	38 938	999,258	4 766,429	4,770	4,305
89	19 851	488,665	2 011,104	4,116	3,650	89	34 176	841,306	3 767,171	4,478	4,013
90	16 530	390,337	1 522,439	3,900	3,435	90	29 340	692,803	2 925,864	4,223	3,758
91	13 621	308,527	1 132,102	3,669	3,204	91	24 798	561,688	2 233,061	3,976	3,510
92	10 899	236,813	823,575	3,478	3,013	92	20 392	443,054	1 671,373	3,772	3,307
93	8 541	178,012	586,762	3,296	2,831	93	16 533	344,572	1 228,319	3,565	3,100
94	6 537	130,686	408,750	3,128	2,663	94	13 107	262,023	883,746	3,373	2,908
95	4 880	93,574	278,064	2,972	2,506	95	10 146	194,567	621,723	3,195	2,730
96	3 548	65,261	184,490	2,827	2,362	96	7 660	140,900	427,156	3,032	2,566
97	2 509	44,273	119,229	2,693	2,228	97	5 632	99,379	286,256	2,880	2,415
98	1 724	29,176	74,956	2,569	2,104	98	4 028	68,181	186,877	2,741	2,276
99	1 149	18,653	45,779	2,454	1,989	99	2 799	45,442	118,696	2,612	2,147
100	742	11,553	27,127	2,348	1,883	100	1 887	29,383	73,254	2,493	2,028

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 4,5%

x	l_x	D_x	N_x	$ä_x$	$^{(12)}ä_x$	y	l_y	D_y	N_y	$ä_y$	$^{(12)}ä_y$
			Männer						Frauen		
0	100 000	100 000,000	2 219 977,456	22,200	21,734	0	100 000	100 000,000	2 242 499,617	22,425	21,959
1	99 613	95 323,654	2 119 977,456	22,240	21,774	1	99 685	95 392,087	2 142 499,617	22,460	21,994
2	99 581	91 188,960	2 024 653,802	22,203	21,737	2	99 658	91 260,198	2 047 107,529	22,432	21,966
3	99 562	87 245,692	1 933 464,843	22,161	21,696	3	99 644	87 317,326	1 955 847,331	22,399	21,934
4	99 548	83 477,091	1 846 219,151	22,116	21,651	4	99 632	83 547,914	1 868 530,005	22,365	21,899
5	99 535	79 871,775	1 762 742,060	22,070	21,604	5	99 621	79 940,628	1 784 982,091	22,329	21,863
6	99 524	76 424,063	1 682 870,285	22,020	21,555	6	99 610	76 490,477	1 705 041,463	22,291	21,825
7	99 513	73 125,348	1 606 446,222	21,968	21,503	7	99 602	73 190,254	1 628 550,986	22,251	21,785
8	99 505	69 970,644	1 533 320,874	21,914	21,448	8	99 593	70 032,509	1 555 360,732	22,209	21,744
9	99 497	66 951,977	1 463 350,230	21,857	21,391	9	99 586	67 011,820	1 485 328,222	22,165	21,700
10	99 489	64 063,846	1 396 398,253	21,797	21,331	10	99 579	64 121,720	1 418 316,402	22,119	21,654
11	99 480	61 299,637	1 332 334,408	21,735	21,269	11	99 572	61 356,143	1 354 194,683	22,071	21,605
12	99 472	58 654,905	1 271 034,771	21,670	21,204	12	99 564	58 709,317	1 292 838,540	22,021	21,555
13	99 461	56 122,850	1 212 379,866	21,602	21,137	13	99 556	56 176,642	1 234 129,223	21,969	21,503
14	99 450	53 700,121	1 156 257,016	21,532	21,066	14	99 547	53 752,737	1 177 952,581	21,914	21,449
15	99 435	51 379,962	1 102 556,896	21,459	20,993	15	99 536	51 432,450	1 124 199,844	21,858	21,392
16	99 417	49 158,675	1 051 176,933	21,383	20,918	16	99 524	49 211,465	1 072 767,394	21,799	21,334
17	99 391	47 029,578	1 002 018,259	21,306	20,841	17	99 508	47 085,064	1 023 555,929	21,738	21,273
18	99 358	44 989,134	954 988,681	21,227	20,761	18	99 493	45 050,248	976 470,865	21,675	21,210
19	99 310	43 031,074	909 999,547	21,147	20,682	19	99 470	43 100,438	931 420,617	21,610	21,145
20	99 261	41 157,938	866 968,473	21,064	20,599	20	99 449	41 235,920	888 320,180	21,542	21,077
21	99 208	39 364,402	825 810,535	20,979	20,513	21	99 427	39 451,450	847 084,260	21,472	21,006
22	99 154	37 648,928	786 446,133	20,889	20,423	22	99 406	37 744,683	807 632,810	21,397	20,932
23	99 101	36 008,538	748 797,205	20,795	20,329	23	99 384	36 111,211	769 888,127	21,320	20,854
24	99 050	34 439,916	712 788,668	20,697	20,231	24	99 361	34 548,284	733 776,916	21,239	20,774
25	98 994	32 938,416	678 348,751	20,594	20,129	25	99 341	33 053,876	699 228,632	21,154	20,689
26	98 940	31 502,699	645 410,335	20,487	20,022	26	99 319	31 623,545	666 174,756	21,066	20,600
27	98 882	30 128,608	613 907,636	20,376	19,911	27	99 296	30 254,604	634 551,211	20,974	20,508
28	98 820	28 812,954	583 779,028	20,261	19,795	28	99 269	28 943,996	604 296,607	20,878	20,413
29	98 760	27 555,637	554 966,074	20,140	19,674	29	99 244	27 690,600	575 352,611	20,778	20,312
30	98 695	26 351,690	527 410,437	20,014	19,549	30	99 216	26 490,579	547 662,011	20,674	20,208
31	98 632	25 200,792	501 058,747	19,883	19,417	31	99 188	25 342,662	521 171,432	20,565	20,099
32	98 562	24 098,378	475 857,955	19,746	19,281	32	99 158	24 244,026	495 828,770	20,452	19,986
33	98 489	23 043,697	451 759,577	19,604	19,139	33	99 122	23 191,801	471 584,744	20,334	19,869
34	98 414	22 034,552	428 715,880	19,457	18,991	34	99 086	22 184,997	448 392,943	20,212	19,746
35	98 336	21 068,971	406 681,327	19,302	18,837	35	99 044	21 220,644	426 207,946	20,085	19,619
36	98 254	20 144,759	385 612,356	19,142	18,676	36	99 005	20 298,759	404 987,302	19,951	19,486
37	98 167	19 260,301	365 467,597	18,975	18,510	37	98 958	19 415,419	384 688,542	19,814	19,348
38	98 074	18 413,422	346 207,296	18,802	18,336	38	98 905	18 569,433	365 273,123	19,671	19,205
39	97 966	17 601,131	327 793,874	18,623	18,158	39	98 850	17 759,900	346 703,690	19,522	19,056
40	97 854	16 823,852	310 192,743	18,438	17,972	40	98 784	16 983,876	328 943,790	19,368	18,902
41	97 728	16 078,726	293 368,891	18,246	17,780	41	98 715	16 241,035	311 959,914	19,208	18,743
42	97 594	15 365,269	277 290,165	18,047	17,581	42	98 636	15 529,204	295 718,879	19,043	18,577
43	97 445	14 681,119	261 924,896	17,841	17,375	43	98 548	14 847,255	280 189,675	18,871	18,406
44	97 271	14 023,866	247 243,776	17,630	17,165	44	98 447	14 193,352	265 342,420	18,695	18,229
45	97 078	13 393,269	233 219,911	17,413	16,948	45	98 336	13 566,900	251 149,069	18,512	18,046
46	96 863	12 788,137	219 826,642	17,190	16,724	46	98 211	12 966,201	237 582,169	18,323	17,858
47	96 623	12 207,182	207 038,504	16,960	16,495	47	98 073	12 390,364	224 615,968	18,128	17,663
48	96 344	11 647,793	194 831,322	16,727	16,261	48	97 913	11 837,420	212 225,604	17,928	17,463
49	96 035	11 110,465	183 183,529	16,487	16,022	49	97 740	11 307,643	200 388,184	17,721	17,256

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 4,5%

x	l_x	D_x	N_x	$ä_x$	$ä_x^{(12)}$	y	l_y	D_y	N_y	$ä_y$	$ä_y^{(12)}$
			Männer						Frauen		
50	95 691	10 593 920	172 073 064	16,243	15,777	50	97 538	10 798 446	189 080 541	17,510	17,044
51	95 308	10 097 164	161 479 144	15,993	15,527	51	97 324	10 310 676	178 282 095	17,291	16,825
52	94 857	9 616 645	151 381 980	15,742	15,276	52	97 085	9 842 534	167 971 419	17,066	16,600
53	94 382	9 156 463	141 765 335	15,483	15,017	53	96 819	9 392 835	158 128 885	16,835	16,369
54	93 861	8 713 801	132 608 872	15,218	14,753	54	96 528	8 961 335	148 736 050	16,598	16,132
55	93 280	8 286 925	123 895 071	14,951	14,485	55	96 220	8 548 074	139 774 715	16,352	15,886
56	92 649	7 876 416	115 608 145	14,678	14,212	56	95 879	8 150 992	131 226 641	16,099	15,634
57	91 974	7 482 300	107 731 729	14,398	13,933	57	95 517	7 770 569	123 075 649	15,839	15,373
58	91 234	7 102 492	100 249 429	14,115	13,649	58	95 135	7 406 233	115 305 079	15,569	15,103
59	90 431	6 736 871	93 146 937	13,826	13,361	59	94 716	7 056 033	107 898 846	15,292	14,826
60	89 568	6 385 245	86 410 066	13,533	13,067	60	94 268	6 720 301	100 842 813	15,006	14,540
61	88 638	6 046 785	80 024 821	13,234	12,769	61	93 760	6 396 251	94 122 512	14,715	14,250
62	87 648	5 721 791	73 978 036	12,929	12,464	62	93 222	6 085 640	87 726 261	14,415	13,950
63	86 597	5 409 756	68 256 244	12,617	12,152	63	92 634	5 786 846	81 640 620	14,108	13,642
64	85 502	5 111 348	62 846 488	12,295	11,830	64	92 009	5 500 340	75 853 774	13,791	13,325
65	84 297	4 822 295	57 735 140	11,973	11,507	65	91 333	5 224 800	70 353 434	13,465	13,000
66	83 028	4 545 145	52 912 845	11,642	11,176	66	90 620	4 960 760	65 128 635	13,129	12,663
67	81 654	4 277 477	48 367 700	11,308	10,842	67	89 845	4 706 531	60 167 874	12,784	12,318
68	80 194	4 020 091	44 090 223	10,967	10,502	68	89 024	4 462 727	55 461 343	12,428	11,962
69	78 659	3 773 314	40 070 131	10,619	10,154	69	88 160	4 229 082	50 998 616	12,059	11,593
70	77 011	3 535 206	36 296 818	10,267	9,802	70	87 223	4 003 984	46 769 534	11,681	11,215
71	75 258	3 305 948	32 761 612	9,910	9,444	71	86 211	3 787 099	42 765 551	11,292	10,827
72	73 382	3 084 725	29 455 664	9,549	9,083	72	85 101	3 577 351	38 978 452	10,896	10,430
73	71 393	2 871 868	26 370 939	9,183	8,717	73	83 869	3 373 741	35 401 101	10,493	10,028
74	69 262	2 666 166	23 499 071	8,814	8,348	74	82 505	3 175 961	32 027 360	10,084	9,619
75	66 916	2 464 947	20 832 904	8,452	7,986	75	80 970	2 982 646	28 851 398	9,673	9,207
76	64 411	2 270 493	18 367 957	8,090	7,624	76	79 232	2 792 961	25 868 753	9,262	8,797
77	61 730	2 082 297	16 097 464	7,731	7,265	77	77 292	2 607 228	23 075 792	8,851	8,385
78	58 844	1 899 482	14 015 166	7,378	6,913	78	75 149	2 425 786	20 468 564	8,438	7,972
79	55 736	1 721 676	12 115 684	7,037	6,572	79	72 739	2 246 885	18 042 778	8,030	7,565
80	52 456	1 550 572	10 394 008	6,703	6,238	80	70 098	2 072 067	15 795 893	7,623	7,158
81	49 044	1 387 276	8 843 436	6,375	5,909	81	67 171	1 900 025	13 723 826	7,223	6,757
82	45 471	1 230 822	7 456 160	6,058	5,592	82	63 974	1 731 677	11 823 801	6,828	6,362
83	41 818	1 083 208	6 225 338	5,747	5,282	83	60 446	1 565 727	10 092 124	6,446	5,980
84	38 142	945 444	5 142 131	5,439	4,973	84	56 655	1 404 342	8 526 398	6,071	5,606
85	34 397	815 894	4 196 686	5,144	4,678	85	52 558	1 246 685	7 122 055	5,713	5,247
86	30 660	695 943	3 380 792	4,858	4,392	86	48 209	1 094 274	5 875 370	5,369	4,904
87	26 953	585 449	2 684 849	4,586	4,120	87	43 667	948 487	4 781 096	5,041	4,575
88	23 308	484 468	2 099 400	4,333	3,868	88	38 938	809 353	3 832 610	4,735	4,270
89	19 851	394 849	1 614 932	4,090	3,624	89	34 176	679 789	3 023 257	4,447	3,982
90	16 530	314 644	1 220 084	3,878	3,412	90	29 340	558 457	2 343 468	4,196	3,731
91	13 621	248 103	905 439	3,649	3,184	91	24 798	451 684	1 785 012	3,952	3,486
92	10 899	189 978	657 336	3,460	2,994	92	20 392	355 432	1 333 328	3,751	3,286
93	8 541	142 465	467 358	3,281	2,815	93	16 533	275 765	977 896	3,546	3,081
94	6 537	104 339	324 892	3,114	2,648	94	13 107	209 198	702 131	3,356	2,891
95	4 880	74 531	220 553	2,959	2,494	95	10 146	154 970	492 933	3,181	2,715
96	3 548	51 855	146 023	2,816	2,350	96	7 660	111 956	337 962	3,019	2,553
97	2 509	35 094	94 167	2,683	2,218	97	5 632	78 776	226 006	2,869	2,403
98	1 724	23 072	59 073	2,560	2,095	98	4 028	53 917	147 230	2,731	2,265
99	1 149	14 715	36 001	2,447	1,981	99	2 799	35 849	93 314	2,603	2,137
100	742	9 092	21 286	2,341	1,875	100	1 887	23 125	57 465	2,485	2,019

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 4,75%

x	l_x	D_x	N_x	$ä_x$	$^{(12)}ä_x$	y	l_y	D_y	N_y	$ä_y$	$^{(12)}ä_y$
			Männer						Frauen		
0	100 000	100 000,000	2 120 900,936	21,209	20,743	0	100 000	100 000,000	2 140 323,661	21,403	20,937
1	99 613	95 096,151	2 020 900,936	21,251	20,785	1	99 685	95 164,421	2 040 323,661	21,440	20,974
2	99 581	90 754,209	1 925 804,785	21,220	20,754	2	99 658	90 825,109	1 945 159,239	21,417	20,951
3	99 562	86 622,511	1 835 050,575	21,184	20,718	3	99 644	86 693,633	1 854 334,131	21,390	20,923
4	99 548	82 683,022	1 748 428,064	21,146	20,680	4	99 632	82 753,171	1 767 640,497	21,360	20,894
5	99 535	78 923,190	1 665 745,043	21,106	20,640	5	99 621	78 991,225	1 684 887,326	21,330	20,864
6	99 524	75 336,194	1 586 821,853	21,063	20,597	6	99 610	75 401,663	1 605 896,101	21,298	20,832
7	99 513	71 912,396	1 511 485,659	21,018	20,552	7	99 602	71 976,225	1 530 494,438	21,264	20,798
8	99 505	68 645,795	1 439 573,263	20,971	20,505	8	99 593	68 706,489	1 458 518,213	21,228	20,762
9	99 497	65 527,520	1 370 927,468	20,921	20,455	9	99 586	65 586,090	1 389 811,724	21,191	20,725
10	99 489	62 551,192	1 305 399,947	20,869	20,403	10	99 579	62 607,700	1 324 225,633	21,151	20,685
11	99 480	59 709,405	1 242 848,755	20,815	20,349	11	99 572	59 764,446	1 261 617,933	21,110	20,644
12	99 472	56 996,927	1 183 139,350	20,758	20,292	12	99 564	57 049,801	1 201 853,488	21,067	20,601
13	99 461	54 406,286	1 126 142,422	20,699	20,233	13	99 556	54 458,433	1 144 803,687	21,022	20,556
14	99 450	51 933,415	1 071 736,136	20,637	20,171	14	99 547	51 984,300	1 090 345,254	20,975	20,509
15	99 435	49 570,998	1 019 802,721	20,573	20,107	15	99 536	49 621,638	1 038 360,954	20,926	20,460
16	99 417	47 314,724	970 231,723	20,506	20,040	16	99 524	47 365,533	988 739,315	20,875	20,409
17	99 391	45 157,457	922 916,999	20,438	19,972	17	99 508	45 210,735	941 373,782	20,822	20,356
18	99 358	43 095,139	877 759,542	20,368	19,902	18	99 493	43 153,680	896 163,047	20,767	20,301
19	99 310	41 121,136	834 664,403	20,298	19,832	19	99 470	41 187,421	853 009,367	20,710	20,244
20	99 261	39 237,270	793 543,267	20,224	19,758	20	99 449	39 311,613	811 821,946	20,651	20,185
21	99 208	37 437,867	754 305,996	20,148	19,682	21	99 427	37 520,655	772 510,333	20,589	20,123
22	99 154	35 720,893	716 868,130	20,069	19,603	22	99 406	35 811,744	734 989,678	20,524	20,058
23	99 101	34 082,970	681 147,237	19,985	19,519	23	99 384	34 180,153	699 177,934	20,456	19,990
24	99 050	32 520,432	647 064,267	19,897	19,431	24	99 361	32 622,759	664 997,781	20,384	19,918
25	98 994	31 028,386	614 543,835	19,806	19,340	25	99 341	31 137,150	632 375,022	20,309	19,843
26	98 940	29 605,097	583 515,449	19,710	19,244	26	99 319	29 718,664	601 237,871	20,231	19,765
27	98 882	28 246,201	553 910,352	19,610	19,144	27	99 296	28 364,325	571 519,207	20,149	19,683
28	98 820	26 948,279	525 664,151	19,506	19,040	28	99 269	27 070,840	543 154,882	20,064	19,598
29	98 760	25 710,822	498 715,871	19,397	18,931	29	99 244	25 836,749	516 084,041	19,975	19,509
30	98 695	24 528,796	473 005,050	19,284	18,818	30	99 216	24 658,078	490 247,292	19,882	19,416
31	98 632	23 401,528	448 476,253	19,164	18,698	31	99 188	23 533,268	465 589,214	19,784	19,318
32	98 562	22 324,416	425 074,725	19,041	18,575	32	99 158	22 459,342	442 055,946	19,682	19,216
33	98 489	21 296,425	402 750,310	18,912	18,446	33	99 122	21 433,299	419 596,604	19,577	19,111
34	98 414	20 315,197	381 453,885	18,777	18,311	34	99 086	20 453,902	398 163,305	19,466	19,000
35	98 336	19 378,600	361 138,688	18,636	18,170	35	99 044	19 518,104	377 709,403	19,352	18,886
36	98 254	18 484,317	341 760,089	18,489	18,023	36	99 005	18 625,623	358 191,299	19,231	18,765
37	98 167	17 630,582	323 275,772	18,336	17,870	37	98 958	17 772,575	339 565,676	19,106	18,640
38	98 074	16 815,134	305 645,190	18,177	17,711	38	98 905	16 957,604	321 793,101	18,976	18,510
39	97 966	16 034,989	288 830,056	18,012	17,546	39	98 850	16 179,631	304 835,498	18,841	18,375
40	97 854	15 290,292	272 795,067	17,841	17,375	40	98 784	15 435,730	288 655,867	18,701	18,234
41	97 728	14 578,212	257 504,775	17,664	17,198	41	98 715	14 725,373	273 220,137	18,554	18,088
42	97 594	13 898,088	242 926,563	17,479	17,013	42	98 636	14 046,369	258 494,764	18,403	17,937
43	97 445	13 247,572	229 028,476	17,288	16,822	43	98 548	13 397,486	244 448,395	18,246	17,780
44	97 271	12 624,295	215 780,903	17,093	16,627	44	98 447	12 776,866	231 050,910	18,084	17,618
45	97 078	12 027,857	203 156,608	16,891	16,424	45	98 336	12 183,786	218 274,044	17,915	17,449
46	96 863	11 457,007	191 128,752	16,682	16,216	46	98 211	11 616,536	206 090,258	17,741	17,275
47	96 623	10 910,423	179 671,744	16,468	16,002	47	98 073	11 074,146	194 473,721	17,561	17,095
48	96 344	10 385,612	168 761,321	16,250	15,784	48	97 913	10 554,690	183 399,576	17,376	16,910
49	96 035	9 882,866	158 375,710	16,025	15,559	49	97 740	10 058,258	172 844,885	17,184	16,718

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 4,75%

x	l_x	D_x	N_x	$ä_x$	$ä_x^{(12)}$	y	l_y	D_y	N_y	$ä_y$	$ä_y^{(12)}$
			Männer						Frauen		
50	95 691	9 400 904	148 492 844	15,796	15,330	50	97 538	9 582 398	162 786 628	16,988	16,522
51	95 308	8 938 705	139 091 939	15,561	15,095	51	97 324	9 127 721	153 204 230	16,785	16,318
52	94 857	8 492 998	130 153 234	15,325	14,859	52	97 085	8 692 494	144 076 509	16,575	16,109
53	94 382	8 067 286	121 660 236	15,081	14,615	53	96 819	8 275 541	135 384 016	16,360	15,894
54	93 861	7 658 956	113 592 949	14,831	14,365	54	96 528	7 876 526	127 108 474	16,138	15,672
55	93 280	7 266 373	105 933 993	14,579	14,113	55	96 220	7 495 360	119 231 949	15,907	15,441
56	92 649	6 889 936	98 667 620	14,321	13,855	56	95 879	7 130 122	111 736 588	15,671	15,205
57	91 974	6 529 559	91 777 685	14,056	13,590	57	95 517	6 781 123	104 606 466	15,426	14,960
58	91 234	6 183 320	85 248 125	13,787	13,321	58	95 135	6 447 753	97 825 344	15,172	14,706
59	90 431	5 851 019	79 064 805	13,513	13,047	59	94 716	6 128 213	91 377 591	14,911	14,445
60	89 568	5 532 394	73 213 786	13,234	12,768	60	94 268	5 822 698	85 249 377	14,641	14,175
61	88 638	5 226 637	67 681 392	12,949	12,483	61	93 760	5 528 704	79 426 680	14,366	13,900
62	87 648	4 933 920	62 454 755	12,658	12,192	62	93 222	5 247 668	73 897 976	14,082	13,616
63	86 597	4 653 717	57 520 835	12,360	11,894	63	92 634	4 978 107	68 650 308	13,790	13,324
64	85 502	4 386 519	52 867 118	12,052	11,586	64	92 009	4 720 349	63 672 201	13,489	13,023
65	84 297	4 128 579	48 480 599	11,743	11,277	65	91 333	4 473 181	58 951 852	13,179	12,713
66	83 028	3 882 012	44 352 020	11,425	10,959	66	90 620	4 236 989	54 478 671	12,858	12,392
67	81 654	3 644 677	40 470 008	11,104	10,638	67	89 845	4 010 257	50 241 682	12,528	12,062
68	80 194	3 417 193	36 825 331	10,776	10,310	68	89 024	3 793 446	46 231 425	12,187	11,721
69	78 659	3 199 770	33 408 138	10,441	9,975	69	88 160	3 586 262	42 437 979	11,833	11,367
70	77 011	2 990 700	30 208 368	10,101	9,635	70	87 223	3 387 275	38 851 717	11,470	11,004
71	75 258	2 790 078	27 217 668	9,755	9,289	71	86 211	3 196 149	35 464 443	11,096	10,630
72	73 382	2 597 162	24 427 590	9,405	8,939	72	85 101	3 011 925	32 268 293	10,714	10,248
73	71 393	2 412 178	21 830 428	9,050	8,584	73	83 869	2 833 718	29 256 368	10,324	9,858
74	69 262	2 234 058	19 418 250	8,692	8,226	74	82 505	2 661 230	26 422 650	9,929	9,463
75	66 916	2 060 521	17 184 192	8,340	7,874	75	80 970	2 493 280	23 761 420	9,530	9,064
76	64 411	1 893 442	15 123 671	7,987	7,521	76	79 232	2 329 145	21 268 140	9,131	8,665
77	61 730	1 732 354	13 230 229	7,637	7,171	77	77 292	2 169 067	18 938 995	8,731	8,265
78	58 844	1 576 491	11 497 875	7,293	6,827	78	75 149	2 013 301	16 769 928	8,330	7,864
79	55 736	1 425 509	9 921 385	6,960	6,494	79	72 739	1 860 370	14 756 628	7,932	7,466
80	52 456	1 280 775	8 495 876	6,633	6,167	80	70 098	1 711 530	12 896 258	7,535	7,069
81	49 044	1 143 157	7 215 101	6,312	5,846	81	67 171	1 565 677	11 184 728	7,144	6,678
82	45 471	1 011 813	6 071 944	6,001	5,535	82	63 974	1 423 548	9 619 050	6,757	6,291
83	41 818	888 340	5 060 131	5,696	5,230	83	60 446	1 284 054	8 195 503	6,383	5,917
84	38 142	773 510	4 171 791	5,393	4,927	84	56 655	1 148 954	6 911 448	6,015	5,549
85	34 397	665 926	3 398 282	5,103	4,637	85	52 558	1 017 534	5 762 494	5,663	5,197
86	30 660	566 667	2 732 356	4,822	4,356	86	48 209	891 005	4 744 961	5,325	4,859
87	26 953	475 560	2 165 689	4,554	4,088	87	43 667	770 456	3 853 955	5,002	4,536
88	23 308	392 594	1 690 129	4,305	3,839	88	38 938	655 868	3 083 500	4,701	4,235
89	19 851	319 206	1 297 534	4,065	3,599	89	34 176	549 560	2 427 631	4,417	3,951
90	16 530	253 760	978 328	3,855	3,389	90	29 340	450 394	1 878 071	4,170	3,704
91	13 621	199 617	724 568	3,630	3,164	91	24 798	363 413	1 427 677	3,929	3,463
92	10 899	152 487	524 951	3,443	2,977	92	20 392	285 288	1 064 264	3,730	3,264
93	8 541	114 077	372 464	3,265	2,799	93	16 533	220 816	778 976	3,528	3,062
94	6 537	83 349	258 387	3,100	2,634	94	13 107	167 113	558 161	3,340	2,874
95	4 880	59 395	175 038	2,947	2,481	95	10 146	123 499	391 048	3,166	2,700
96	3 548	41 226	115 643	2,805	2,339	96	7 660	89 007	267 549	3,006	2,540
97	2 509	27 834	74 417	2,674	2,208	97	5 632	62 479	178 542	2,858	2,392
98	1 724	18 255	46 583	2,552	2,086	98	4 028	42 660	116 063	2,721	2,255
99	1 149	11 615	28 328	2,439	1,973	99	2 799	28 297	73 403	2,594	2,128
100	742	7 160	16 713	2,334	1,868	100	1 887	18 210	45 106	2,477	2,011

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 5%

x	l_x	D_x	N_x	$ä_x$	$^{(12)}ä_x$	y	l_y	D_y	N_y	$ä_y$	$^{(12)}ä_y$
			Männer						Frauen		
0	100 000	100 000,000	2 029 861,309	20,299	19,832	0	100 000	100 000,000	2 046 664,316	20,467	20,000
1	99 613	94 869,732	1 929 861,309	20,342	19,876	1	99 685	94 937,839	1 946 664,316	20,505	20,038
2	99 581	90 322,561	1 834 991,577	20,316	19,850	2	99 658	90 393,123	1 851 726,476	20,485	20,019
3	99 562	86 005,251	1 744 669,016	20,286	19,819	3	99 644	86 075,866	1 761 333,353	20,463	19,996
4	99 548	81 898,372	1 658 663,765	20,253	19,786	4	99 632	81 967,856	1 675 257,487	20,438	19,972
5	99 535	77 988,092	1 576 765,393	20,218	19,752	5	99 621	78 055,321	1 593 289,631	20,412	19,946
6	99 524	74 266,349	1 498 777,302	20,181	19,715	6	99 610	74 330,887	1 515 234,310	20,385	19,919
7	99 513	70 722,383	1 424 510,953	20,142	19,676	7	99 602	70 785,156	1 440 903,423	20,356	19,890
8	99 505	67 349,101	1 353 788,570	20,101	19,635	8	99 593	67 408,648	1 370 118,266	20,326	19,859
9	99 497	64 136,658	1 286 439,469	20,058	19,591	9	99 586	64 193,985	1 302 709,618	20,293	19,827
10	99 489	61 077,734	1 222 302,811	20,012	19,546	10	99 579	61 132,911	1 238 515,633	20,259	19,793
11	99 480	58 164,072	1 161 225,077	19,965	19,498	11	99 572	58 217,688	1 177 382,722	20,224	19,757
12	99 472	55 389,601	1 103 061,005	19,915	19,448	12	99 564	55 440,983	1 119 165,034	20,187	19,720
13	99 461	52 746,130	1 047 671,404	19,863	19,396	13	99 556	52 796,686	1 063 724,051	20,148	19,681
14	99 450	50 228,839	994 925,274	19,808	19,341	14	99 547	50 278,054	1 010 927,365	20,107	19,640
15	99 435	47 829,810	944 696,435	19,751	19,285	15	99 536	47 878,671	960 649,311	20,064	19,598
16	99 417	45 544,090	896 866,625	19,692	19,226	16	99 524	45 592,998	912 770,641	20,020	19,554
17	99 391	43 364,059	851 322,535	19,632	19,166	17	99 508	43 415,222	867 177,642	19,974	19,508
18	99 358	41 285,113	807 958,476	19,570	19,104	18	99 493	41 341,195	823 762,421	19,926	19,460
19	99 310	39 300,224	766 673,363	19,508	19,042	19	99 470	39 363,574	782 421,226	19,877	19,410
20	99 261	37 410,494	727 373,139	19,443	18,977	20	99 449	37 481,375	743 057,652	19,825	19,358
21	99 208	35 609,877	689 962,646	19,376	18,909	21	99 427	35 688,623	705 576,277	19,770	19,304
22	99 154	33 895,841	654 352,768	19,305	18,838	22	99 406	33 982,051	669 887,654	19,713	19,247
23	99 101	32 264,600	620 456,927	19,230	18,764	23	99 384	32 356,598	635 905,603	19,653	19,187
24	99 050	30 712,126	588 192,327	19,152	18,685	24	99 361	30 808,764	603 549,005	19,590	19,124
25	98 994	29 233,277	557 480,201	19,070	18,604	25	99 341	29 335,749	572 740,241	19,524	19,057
26	98 940	27 825,920	528 246,924	18,984	18,518	26	99 319	27 932,662	543 404,492	19,454	18,988
27	98 882	26 485,479	500 421,003	18,894	18,428	27	99 296	26 596,240	515 471,830	19,381	18,915
28	98 820	25 208,300	473 935,524	18,801	18,334	28	99 269	25 322,947	488 875,590	19,306	18,839
29	98 760	23 993,478	448 727,225	18,702	18,236	29	99 244	24 110,994	463 552,643	19,226	18,759
30	98 695	22 835,904	424 733,747	18,599	18,133	30	99 216	22 956,263	439 441,649	19,143	18,676
31	98 632	21 734,564	401 897,843	18,491	18,025	31	99 188	21 856,920	416 485,386	19,055	18,589
32	98 562	20 684,810	380 163,279	18,379	17,912	32	99 158	20 809,827	394 628,466	18,964	18,497
33	98 489	19 685,338	359 478,469	18,261	17,795	33	99 122	19 811,858	373 818,639	18,868	18,402
34	98 414	18 733,630	339 793,131	18,138	17,672	34	99 086	18 861,537	354 006,782	18,769	18,302
35	98 336	17 827,401	321 059,501	18,009	17,543	35	99 044	17 955,738	335 145,245	18,665	18,199
36	98 254	16 964,215	303 232,100	17,875	17,408	36	99 005	17 093,901	317 189,507	18,556	18,089
37	98 167	16 142,164	286 267,885	17,734	17,268	37	98 958	16 272,169	300 095,606	18,442	17,976
38	98 074	15 358,902	270 125,721	17,588	17,121	38	98 905	15 489,033	283 823,436	18,324	17,858
39	97 966	14 611,447	254 766,819	17,436	16,970	39	98 850	14 743,248	268 334,403	18,200	17,734
40	97 854	13 899,689	240 155,372	17,278	16,811	40	98 784	14 031,900	253 591,155	18,072	17,606
41	97 728	13 220,817	226 255,683	17,114	16,647	41	98 715	13 354,276	239 559,255	17,939	17,472
42	97 594	12 574,010	213 034,866	16,942	16,476	42	98 636	12 708,165	226 204,979	17,800	17,334
43	97 445	11 956,933	200 460,856	16,765	16,299	43	98 548	12 092,241	213 496,815	17,656	17,189
44	97 271	11 367,249	188 503,923	16,583	16,117	44	98 447	11 504,628	201 404,574	17,506	17,040
45	97 078	10 804,414	177 136,674	16,395	15,928	45	98 336	10 944,482	189 899,946	17,351	16,885
46	96 863	10 267,126	166 332,260	16,200	15,734	46	98 211	10 410,087	178 955,463	17,191	16,724
47	96 623	9 754,029	156 065,134	16,000	15,534	47	98 073	9 900,398	168 545,376	17,024	16,558
48	96 344	9 262,735	146 311,105	15,796	15,329	48	97 913	9 413,533	158 644,978	16,853	16,386
49	96 035	8 793,359	137 048,370	15,585	15,119	49	97 740	8 949,415	149 231,445	16,675	16,209

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 5%

x	l_x	D_x	N_x	$ä_x$	$ä_x^{(12)}$	y	l_y	D_y	N_y	$ä_y$	$ä_y^{(12)}$
			Männer						Frauen		
50	95 691	8 344,614	128 255,011	15,370	14,903	50	97 538	8 505,715	140 282,030	16,493	16,026
51	95 308	7 915,457	119 910,397	15,149	14,682	51	97 324	8 082,835	131 776,315	16,303	15,837
52	94 857	7 502,865	111 994,940	14,927	14,461	52	97 085	7 679,103	123 693,480	16,108	15,641
53	94 382	7 109,815	104 492,075	14,697	14,230	53	96 819	7 293,353	116 014,378	15,907	15,440
54	93 861	6 733,877	97 382,261	14,462	13,995	54	96 528	6 925,167	108 721,024	15,699	15,233
55	93 280	6 373,499	90 648,384	14,223	13,756	55	96 220	6 574,350	101 795,857	15,484	15,017
56	92 649	6 028,929	84 274,884	13,978	13,512	56	95 879	6 239,101	95 221,508	15,262	14,796
57	91 974	5 699,984	78 245,955	13,727	13,261	57	95 517	5 919,586	88 982,407	15,032	14,565
58	91 234	5 384,883	72 545,971	13,472	13,006	58	95 135	5 615,170	83 062,821	14,793	14,326
59	90 431	5 083,359	67 161,089	13,212	12,746	59	94 716	5 324,185	77 447,651	14,546	14,080
60	89 568	4 795,093	62 077,730	12,946	12,480	60	94 268	5 046,708	72 123,467	14,291	13,825
61	88 638	4 519,298	57 282,637	12,675	12,209	61	93 760	4 780,486	67 076,758	14,031	13,565
62	87 648	4 256,038	52 763,338	12,397	11,931	62	93 222	4 526,679	62 296,273	13,762	13,296
63	86 597	4 004,775	48 507,301	12,112	11,646	63	92 634	4 283,930	57 769,593	13,485	13,019
64	85 502	3 765,849	44 502,525	11,817	11,351	64	92 009	4 052,444	53 485,663	13,198	12,732
65	84 297	3 535,967	40 736,676	11,521	11,054	65	91 333	3 831,105	49 433,219	12,903	12,437
66	83 028	3 316,876	37 200,709	11,216	10,749	66	90 620	3 620,176	45 602,114	12,597	12,130
67	81 654	3 106,677	33 883,833	10,907	10,440	67	89 845	3 418,293	41 981,938	12,282	11,815
68	80 194	2 905,837	30 777,156	10,591	10,125	68	89 024	3 225,787	38 563,645	11,955	11,488
69	78 659	2 714,472	27 871,319	10,268	9,801	69	88 160	3 042,345	35 337,858	11,615	11,149
70	77 011	2 531,070	25 156,847	9,939	9,473	70	87 223	2 866,696	32 295,512	11,266	10,799
71	75 258	2 355,659	22 625,777	9,605	9,138	71	86 211	2 698,504	29 428,816	10,906	10,439
72	73 382	2 187,559	20 270,118	9,266	8,800	72	85 101	2 536,909	26 730,312	10,537	10,070
73	71 393	2 026,912	18 082,559	8,921	8,455	73	83 869	2 381,124	24 193,403	10,160	9,694
74	69 262	1 872,771	16 055,647	8,573	8,107	74	82 505	2 230,861	21 812,278	9,778	9,311
75	66 916	1 723,185	14 182,877	8,231	7,764	75	80 970	2 085,096	19 581,417	9,391	8,925
76	64 411	1 579,689	12 459,691	7,887	7,421	76	79 232	1 943,194	17 496,321	9,004	8,537
77	61 730	1 441,853	10 880,002	7,546	7,079	77	77 292	1 805,333	15 553,127	8,615	8,149
78	58 844	1 309,003	9 438,149	7,210	6,744	78	75 149	1 671,698	13 747,794	8,224	7,757
79	55 736	1 180,820	8 129,146	6,884	6,418	79	72 739	1 541,038	12 076,096	7,836	7,370
80	52 456	1 058,404	6 948,326	6,565	6,099	80	70 098	1 414,370	10 535,058	7,449	6,982
81	49 044	942,430	5 889,923	6,250	5,783	81	67 171	1 290,760	9 120,688	7,066	6,600
82	45 471	832,163	4 947,493	5,945	5,479	82	63 974	1 170,793	7 829,928	6,688	6,221
83	41 818	728,873	4 115,330	5,646	5,180	83	60 446	1 053,553	6 659,135	6,321	5,854
84	38 142	633,145	3 386,456	5,349	4,882	84	56 655	940,460	5 605,583	5,960	5,494
85	34 397	543,786	2 753,311	5,063	4,597	85	52 558	830,904	4 665,123	5,615	5,148
86	30 660	461,631	2 209,525	4,786	4,320	86	48 209	725,851	3 834,218	5,282	4,816
87	26 953	386,489	1 747,894	4,522	4,056	87	43 667	626,152	3 108,368	4,964	4,498
88	23 308	318,303	1 361,405	4,277	3,811	88	38 938	531,757	2 482,216	4,668	4,202
89	19 851	258,186	1 043,102	4,040	3,574	89	34 176	444,505	1 950,459	4,388	3,922
90	16 530	204,762	784,916	3,833	3,367	90	29 340	363,428	1 505,955	4,144	3,677
91	13 621	160,690	580,154	3,610	3,144	91	24 798	292,544	1 142,527	3,905	3,439
92	10 899	122,458	419,464	3,425	2,959	92	20 392	229,107	849,983	3,710	3,244
93	8 541	91,394	297,006	3,250	2,783	93	16 533	176,909	620,875	3,510	3,043
94	6 537	66,617	205,612	3,086	2,620	94	13 107	133,566	443,966	3,324	2,858
95	4 880	47,359	138,995	2,935	2,469	95	10 146	98,472	310,401	3,152	2,686
96	3 548	32,793	91,637	2,794	2,328	96	7 660	70,801	211,929	2,993	2,527
97	2 509	22,088	58,843	2,664	2,198	97	5 632	49,581	141,128	2,846	2,380
98	1 724	14,452	36,755	2,543	2,077	98	4 028	33,773	91,547	2,711	2,244
99	1 149	9,173	22,303	2,431	1,965	99	2 799	22,348	57,774	2,585	2,119
100	742	5,641	13,130	2,327	1,861	100	1 887	14,347	35,426	2,469	2,003

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 5,25%

x	l_x	D_x	N_x	$ä_x$	$^{(12)}ä_x$	y	l_y	D_y	N_y	$ä_y$	$^{(12)}ä_y$
			Männer						Frauen		
0	100 000	100 000,000	1 946 007,234	19,460	18,993	0	100 000	100 000,000	1 960 591,417	19,606	19,139
1	99 613	94 644,388	1 846 007,234	19,505	19,038	1	99 685	94 712,334	1 860 591,417	19,645	19,178
2	99 581	89 893,985	1 751 362,846	19,483	19,016	2	99 658	89 964,212	1 765 879,083	19,629	19,162
3	99 562	85 393,841	1 661 468,861	19,457	18,990	3	99 644	85 463,955	1 675 914,871	19,610	19,143
4	99 548	81 123,008	1 576 075,020	19,428	18,961	4	99 632	81 191,834	1 590 450,916	19,589	19,122
5	99 535	77 066,257	1 494 952,012	19,398	18,931	5	99 621	77 132,692	1 509 259,082	19,567	19,100
6	99 524	73 214,186	1 417 885,755	19,366	18,899	6	99 610	73 277,811	1 432 126,390	19,544	19,077
7	99 513	69 554,823	1 344 671,569	19,333	18,866	7	99 602	69 616,559	1 358 848,579	19,519	19,052
8	99 505	66 079,897	1 275 116,746	19,297	18,830	8	99 593	66 138,322	1 289 232,020	19,493	19,026
9	99 497	62 778,521	1 209 036,849	19,259	18,792	9	99 586	62 834,633	1 223 093,697	19,465	18,998
10	99 489	59 642,366	1 146 258,328	19,219	18,752	10	99 579	59 696,246	1 160 259,064	19,436	18,969
11	99 480	56 662,267	1 086 615,962	19,177	18,710	11	99 572	56 714,498	1 100 562,818	19,405	18,939
12	99 472	53 831,263	1 029 953,695	19,133	18,666	12	99 564	53 881,200	1 043 848,320	19,373	18,906
13	99 461	51 140,401	976 122,432	19,087	18,620	13	99 556	51 189,418	989 967,120	19,339	18,872
14	99 450	48 584,067	924 982,031	19,039	18,572	14	99 547	48 631,670	938 777,702	19,304	18,837
15	99 435	46 153,705	876 397,964	18,989	18,522	15	99 536	46 200,854	890 146,032	19,267	18,800
16	99 417	43 843,694	830 244,259	18,936	18,470	16	99 524	43 890,777	843 945,178	19,228	18,762
17	99 391	41 645,899	786 400,565	18,883	18,416	17	99 508	41 695,034	800 054,401	19,188	18,721
18	99 358	39 555,145	744 754,666	18,828	18,361	18	99 493	39 608,877	758 359,367	19,146	18,679
19	99 310	37 563,990	705 199,522	18,773	18,306	19	99 470	37 624,541	718 750,490	19,103	18,636
20	99 261	35 672,811	667 635,531	18,716	18,249	20	99 449	35 740,399	681 125,949	19,058	18,591
21	99 208	33 875,176	631 962,720	18,656	18,189	21	99 427	33 950,086	645 385,550	19,010	18,543
22	99 154	32 168,047	598 087,544	18,593	18,126	22	99 406	32 249,863	611 435,464	18,959	18,493
23	99 101	30 547,225	565 919,497	18,526	18,059	23	99 384	30 634,326	579 185,601	18,906	18,440
24	99 050	29 008,318	535 372,272	18,456	17,989	24	99 361	29 099,595	548 551,275	18,851	18,384
25	98 994	27 545,925	506 363,954	18,383	17,916	25	99 341	27 642,482	519 451,680	18,792	18,325
26	98 940	26 157,522	478 818,029	18,305	17,838	26	99 319	26 257,864	491 809,198	18,730	18,263
27	98 882	24 838,312	452 660,507	18,224	17,757	27	99 296	24 942,185	465 551,334	18,665	18,198
28	98 820	23 584,409	427 822,194	18,140	17,673	28	99 269	23 691,671	440 609,149	18,598	18,131
29	98 760	22 394,524	404 237,785	18,051	17,584	29	99 244	22 504,209	416 917,478	18,526	18,059
30	98 695	21 263,466	381 843,261	17,958	17,491	30	99 216	21 375,537	394 413,269	18,452	17,985
31	98 632	20 189,890	360 579,795	17,859	17,393	31	99 188	20 303,550	373 037,732	18,373	17,906
32	98 562	19 169,102	340 389,905	17,757	17,290	32	99 158	19 284,958	352 734,181	18,291	17,824
33	98 489	18 199,535	321 220,803	17,650	17,183	33	99 122	18 316,505	333 449,223	18,205	17,738
34	98 414	17 278,521	303 021,268	17,537	17,071	34	99 086	17 396,492	315 132,718	18,115	17,648
35	98 336	16 403,625	285 742,748	17,419	16,953	35	99 044	16 521,713	297 736,226	18,021	17,554
36	98 254	15 572,300	269 339,122	17,296	16,829	36	99 005	15 691,346	281 214,513	17,922	17,455
37	98 167	14 782,502	253 766,822	17,167	16,700	37	98 958	14 901,557	265 523,167	17,818	17,352
38	98 074	14 031,806	238 984,320	17,032	16,565	38	98 905	14 150,693	250 621,610	17,711	17,244
39	97 966	13 317,228	224 952,514	16,892	16,425	39	98 850	13 437,354	236 470,917	17,598	17,131
40	97 854	12 638,422	211 635,286	16,745	16,279	40	98 784	12 758,636	223 033,563	17,481	17,014
41	97 728	11 992,598	198 996,864	16,593	16,127	41	98 715	12 113,659	210 274,927	17,358	16,892
42	97 594	11 378,787	187 004,266	16,434	15,968	42	98 636	11 500,190	198 161,268	17,231	16,764
43	97 445	10 794,665	175 625,478	16,270	15,803	43	98 548	10 916,820	186 661,079	17,098	16,632
44	97 271	10 237,925	164 830,814	16,100	15,633	44	98 447	10 361,655	175 744,258	16,961	16,494
45	97 078	9 707,893	154 592,889	15,924	15,458	45	98 336	9 833,746	165 382,603	16,818	16,351
46	96 863	9 203,221	144 884,996	15,743	15,276	46	98 211	9 331,368	155 548,857	16,669	16,203
47	96 623	8 722,524	135 681,776	15,555	15,089	47	98 073	8 853,415	146 217,489	16,515	16,049
48	96 344	8 263,510	126 959,252	15,364	14,897	48	97 913	8 398,041	137 364,075	16,357	15,890
49	96 035	7 826,135	118 695,741	15,167	14,700	49	97 740	7 965,026	128 966,034	16,192	15,725

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 5,25%

x	l_x	D_x	N_x	$ä_x$	$ä_x^{(12)}$	y	l_y	D_y	N_y	$ä_y$	$ä_y^{(12)}$
			Männer						Frauen		
50	95 691	7 409,109	110 869,606	14,964	14,497	50	97 538	7 552,149	121 001,008	16,022	15,555
51	95 308	7 011,370	103 460,497	14,756	14,289	51	97 324	7 159,631	113 448,859	15,846	15,379
52	94 857	6 630,118	96 449,127	14,547	14,080	52	97 085	6 785,855	106 289,228	15,663	15,197
53	94 382	6 267,865	89 819,009	14,330	13,863	53	96 819	6 429,668	99 503,373	15,476	15,009
54	93 861	5 922,344	83 551,144	14,108	13,641	54	96 528	6 090,581	93 073,705	15,282	14,815
55	93 280	5 592,084	77 628,800	13,882	13,415	55	96 220	5 768,309	86 983,123	15,079	14,613
56	92 649	5 277,194	72 036,716	13,651	13,184	56	95 879	5 461,160	81 214,814	14,871	14,405
57	91 974	4 977,413	66 759,522	13,412	12,946	57	95 517	5 169,177	75 753,655	14,655	14,188
58	91 234	4 691,087	61 782,109	13,170	12,703	58	95 135	4 891,704	70 584,477	14,429	13,963
59	90 431	4 417,893	57 091,021	12,923	12,456	59	94 716	4 627,193	65 692,773	14,197	13,730
60	89 568	4 157,466	52 673,128	12,670	12,203	60	94 268	4 375,623	61 065,580	13,956	13,489
61	88 638	3 909,038	48 515,662	12,411	11,944	61	93 760	4 134,956	56 689,958	13,710	13,243
62	87 648	3 672,582	44 606,624	12,146	11,679	62	93 222	3 906,122	52 555,002	13,455	12,988
63	86 597	3 447,557	40 934,041	11,873	11,407	63	92 634	3 687,870	48 648,880	13,192	12,725
64	85 502	3 234,174	37 486,485	11,591	11,124	64	92 009	3 480,306	44 961,009	12,919	12,452
65	84 297	3 029,534	34 252,311	11,306	10,839	65	91 333	3 282,402	41 480,703	12,637	12,171
66	83 028	2 835,072	31 222,777	11,013	10,546	66	90 620	3 094,315	38 198,302	12,345	11,878
67	81 654	2 649,099	28 387,705	10,716	10,249	67	89 845	2 914,818	35 103,987	12,043	11,576
68	80 194	2 471,955	25 738,606	10,412	9,945	68	89 024	2 744,132	32 189,169	11,730	11,263
69	78 659	2 303,678	23 266,651	10,100	9,633	69	88 160	2 581,933	29 445,038	11,404	10,937
70	77 011	2 142,929	20 962,974	9,782	9,316	70	87 223	2 427,087	26 863,105	11,068	10,601
71	75 258	1 989,680	18 820,045	9,459	8,992	71	86 211	2 279,260	24 436,018	10,721	10,254
72	73 382	1 843,308	16 830,365	9,131	8,664	72	85 101	2 137,681	22 156,758	10,365	9,898
73	71 393	1 703,884	14 987,057	8,796	8,329	73	83 869	2 001,646	20 019,077	10,001	9,535
74	69 262	1 570,569	13 283,173	8,458	7,991	74	82 505	1 870,876	18 017,431	9,630	9,164
75	66 916	1 441,689	11 712,604	8,124	7,657	75	80 970	1 744,478	16 146,555	9,256	8,789
76	64 411	1 318,495	10 270,915	7,790	7,323	76	79 232	1 621,896	14 402,076	8,880	8,413
77	61 730	1 200,591	8 952,420	7,457	6,990	77	77 292	1 503,251	12 780,180	8,502	8,035
78	58 844	1 087,381	7 751,829	7,129	6,662	78	75 149	1 388,670	11 276,930	8,121	7,654
79	55 736	978,570	6 664,448	6,810	6,344	79	72 739	1 277,090	9 888,260	7,743	7,276
80	52 456	875,038	5 685,878	6,498	6,031	80	70 098	1 169,334	8 611,170	7,364	6,897
81	49 044	777,306	4 810,840	6,189	5,722	81	67 171	1 064,605	7 441,836	6,990	6,523
82	45 471	684,728	4 033,534	5,891	5,424	82	63 974	963,363	6 377,231	6,620	6,153
83	41 818	598,314	3 348,806	5,597	5,130	83	60 446	864,835	5 413,868	6,260	5,793
84	38 142	518,499	2 750,492	5,305	4,838	84	56 655	770,166	4 549,033	5,907	5,440
85	34 397	444,263	2 231,993	5,024	4,557	85	52 558	678,833	3 778,866	5,567	5,100
86	30 660	376,247	1 787,731	4,751	4,285	86	48 209	591,597	3 100,034	5,240	4,773
87	26 953	314,256	1 411,483	4,492	4,025	87	43 667	509,126	2 508,437	4,927	4,460
88	23 308	258,198	1 097,227	4,250	3,783	88	38 938	431,346	1 999,311	4,635	4,168
89	19 851	208,936	839,029	4,016	3,549	89	34 176	359,713	1 567,964	4,359	3,892
90	16 530	165,309	630,093	3,812	3,345	90	29 340	293,404	1 208,251	4,118	3,651
91	13 621	129,421	464,784	3,591	3,124	91	24 798	235,617	914,847	3,883	3,416
92	10 899	98,394	335,364	3,408	2,942	92	20 392	184,086	679,230	3,690	3,223
93	8 541	73,260	236,969	3,235	2,768	93	16 533	141,807	495,144	3,492	3,025
94	6 537	53,272	163,709	3,073	2,606	94	13 107	106,810	353,337	3,308	2,841
95	4 880	37,782	110,437	2,923	2,456	95	10 146	78,559	246,527	3,138	2,671
96	3 548	26,100	72,655	2,784	2,317	96	7 660	56,349	167,968	2,981	2,514
97	2 509	17,538	46,556	2,655	2,188	97	5 632	39,367	111,618	2,835	2,369
98	1 724	11,448	29,018	2,535	2,068	98	4 028	26,752	72,252	2,701	2,234
99	1 149	7,249	17,570	2,424	1,957	99	2 799	17,660	45,500	2,576	2,110
100	742	4,447	10,321	2,321	1,854	100	1 887	11,311	27,840	2,461	1,995

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 5,5%

x	l_x	D_x	N_x	$ä_x$	$^{(12)}ä_x$	y	l_y	D_y	N_y	$ä_y$	$^{(12)}ä_y$
			Männer						Frauen		
0	100 000	100 000,000	1 868 593,081	18,686	18,219	0	100 000	100 000,000	1 881 294,005	18,813	18,346
1	99 613	94 420,112	1 768 593,081	18,731	18,264	1	99 685	94 487,897	1 781 294,005	18,852	18,385
2	99 581	89 468,452	1 674 172,969	18,712	18,245	2	99 658	89 538,346	1 686 806,108	18,839	18,372
3	99 562	84 788,213	1 584 704,517	18,690	18,223	3	99 644	84 857,830	1 597 267,761	18,823	18,356
4	99 548	80 356,799	1 499 916,304	18,666	18,199	4	99 632	80 424,975	1 512 409,931	18,805	18,338
5	99 535	76 157,467	1 419 559,505	18,640	18,173	5	99 621	76 223,118	1 431 984,957	18,787	18,320
6	99 524	72 179,374	1 343 402,038	18,612	18,145	6	99 610	72 242,099	1 355 761,838	18,767	18,300
7	99 513	68 409,239	1 271 222,664	18,583	18,115	7	99 602	68 469,959	1 283 519,740	18,746	18,279
8	99 505	64 837,538	1 202 813,425	18,551	18,084	8	99 593	64 894,865	1 215 049,780	18,723	18,256
9	99 497	61 452,263	1 137 975,887	18,518	18,051	9	99 586	61 507,191	1 150 154,915	18,700	18,232
10	99 489	58 244,016	1 076 523,624	18,483	18,016	10	99 579	58 296,633	1 088 647,725	18,674	18,207
11	99 480	55 202,664	1 018 279,608	18,446	17,979	11	99 572	55 253,550	1 030 351,092	18,648	18,181
12	99 472	52 320,310	963 076,944	18,407	17,940	12	99 564	52 368,845	975 097,542	18,620	18,153
13	99 461	49 587,192	910 756,634	18,367	17,900	13	99 556	49 634,720	922 728,697	18,590	18,123
14	99 450	46 996,865	861 169,442	18,324	17,857	14	99 547	47 042,914	873 093,977	18,560	18,092
15	99 435	44 540,106	814 172,576	18,280	17,812	15	99 536	44 585,606	826 051,063	18,527	18,060
16	99 417	42 210,594	769 632,471	18,233	17,766	16	99 524	42 255,922	781 465,457	18,494	18,026
17	99 391	39 999,651	727 421,877	18,186	17,719	17	99 508	40 046,844	739 209,535	18,459	17,991
18	99 358	37 901,516	687 422,226	18,137	17,670	18	99 493	37 953,002	699 162,691	18,422	17,955
19	99 310	35 908,311	649 520,710	18,088	17,621	19	99 470	35 966,193	661 209,689	18,384	17,917
20	99 261	34 019,680	613 612,399	18,037	17,570	20	99 449	34 084,137	625 243,496	18,344	17,877
21	99 208	32 228,798	579 592,719	17,984	17,517	21	99 427	32 300,067	591 159,359	18,302	17,835
22	99 154	30 532,115	547 363,921	17,927	17,460	22	99 406	30 609,769	558 859,292	18,258	17,790
23	99 101	28 925,015	516 831,806	17,868	17,401	23	99 384	29 007,491	528 249,523	18,211	17,744
24	99 050	27 402,742	487 906,791	17,805	17,338	24	99 361	27 488,967	499 242,032	18,162	17,694
25	98 994	25 959,629	460 504,049	17,739	17,272	25	99 341	26 050,626	471 753,065	18,109	17,642
26	98 940	24 592,765	434 544,419	17,670	17,202	26	99 319	24 687,105	445 702,439	18,054	17,587
27	98 882	23 297,134	409 951,654	17,597	17,129	27	99 296	23 394,561	421 015,335	17,996	17,529
28	98 820	22 068,614	386 654,520	17,521	17,053	28	99 269	22 168,982	397 620,774	17,936	17,469
29	98 760	20 905,547	364 585,907	17,440	16,972	29	99 244	21 007,940	375 451,791	17,872	17,405
30	98 695	19 802,654	343 680,359	17,355	16,888	30	99 216	19 907,026	354 443,852	17,805	17,338
31	98 632	18 758,277	323 877,705	17,266	16,799	31	99 188	18 863,878	334 536,826	17,734	17,267
32	98 562	17 767,667	305 119,428	17,173	16,706	32	99 158	17 875,053	315 672,948	17,660	17,193
33	98 489	16 829,010	287 351,761	17,075	16,608	33	99 122	16 937,172	297 797,895	17,583	17,115
34	98 414	15 939,492	270 522,751	16,972	16,505	34	99 086	16 048,322	280 860,723	17,501	17,034
35	98 336	15 096,540	254 583,259	16,864	16,396	35	99 044	15 205,218	264 812,402	17,416	16,949
36	98 254	14 297,496	239 486,719	16,750	16,283	36	99 005	14 406,796	249 607,184	17,326	16,858
37	98 167	13 540,192	225 189,223	16,631	16,164	37	98 958	13 649,241	235 200,388	17,232	16,765
38	98 074	12 822,127	211 649,031	16,507	16,039	38	98 905	12 930,765	221 551,147	17,134	16,666
39	97 966	12 140,316	198 826,905	16,377	15,910	39	98 850	12 249,826	208 620,382	17,030	16,563
40	97 854	11 494,198	186 686,589	16,242	15,775	40	98 784	11 603,528	196 370,556	16,923	16,456
41	97 728	10 880,997	175 192,391	16,101	15,634	41	98 715	10 990,837	184 767,028	16,811	16,344
42	97 594	10 299,617	164 311,394	15,953	15,486	42	98 636	10 409,505	173 776,191	16,694	16,227
43	97 445	9 747,739	154 011,777	15,800	15,333	43	98 548	9 858,047	163 366,686	16,572	16,105
44	97 271	9 223,087	144 264,038	15,642	15,174	44	98 447	9 334,553	153 508,639	16,445	15,978
45	97 078	8 724,870	135 040,951	15,478	15,011	45	98 336	8 837,980	144 174,086	16,313	15,846
46	96 863	8 251,701	126 316,081	15,308	14,841	46	98 211	8 366,599	135 336,106	16,176	15,709
47	96 623	7 802,171	118 064,379	15,132	14,665	47	98 073	7 919,251	126 969,507	16,033	15,566
48	96 344	7 374,075	110 262,208	14,953	14,485	48	97 913	7 494,125	119 050,256	15,886	15,419
49	96 035	6 967,227	102 888,133	14,767	14,300	49	97 740	7 090,874	111 556,131	15,732	15,265

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 5,5%

x	l_x	D_x	N_x	$ä_x$	$ä_x^{(12)}$	y	l_y	D_y	N_y	$ä_y$	$ä_y^{(12)}$
			Männer						Frauen		
50	95 691	6 580,339	95 920,907	14,577	14,110	50	97 538	6 707,378	104 465,256	15,575	15,107
51	95 308	6 212,334	89 340,568	14,381	13,914	51	97 324	6 343,698	97 757,878	15,410	14,943
52	94 857	5 860,610	83 128,234	14,184	13,717	52	97 085	5 998,272	91 414,180	15,240	14,773
53	94 382	5 527,271	77 267,625	13,979	13,512	53	96 819	5 669,957	85 415,909	15,065	14,597
54	93 861	5 210,201	71 740,353	13,769	13,302	54	96 528	5 358,208	79 745,952	14,883	14,416
55	93 280	4 907,995	66 530,152	13,555	13,088	55	96 220	5 062,662	74 387,744	14,693	14,226
56	92 649	4 620,651	61 622,157	13,336	12,869	56	95 879	4 781,729	69 325,082	14,498	14,031
57	91 974	4 347,839	57 001,506	13,110	12,643	57	95 517	4 515,348	64 543,352	14,294	13,827
58	91 234	4 088,019	52 653,667	12,880	12,413	58	95 135	4 262,845	60 028,004	14,082	13,614
59	90 431	3 840,823	48 565,648	12,645	12,177	59	94 716	4 022,783	55 765,159	13,862	13,395
60	89 568	3 605,848	44 724,825	12,403	11,936	60	94 268	3 795,059	51 742,376	13,634	13,167
61	88 638	3 382,347	41 118,977	12,157	11,690	61	93 760	3 577,826	47 947,317	13,401	12,934
62	87 648	3 170,221	37 736,629	11,903	11,436	62	93 222	3 371,815	44 369,491	13,159	12,692
63	86 597	2 968,924	34 566,408	11,643	11,176	63	92 634	3 175,874	40 997,675	12,909	12,442
64	85 502	2 778,565	31 597,484	11,372	10,905	64	92 009	2 990,024	37 821,801	12,649	12,182
65	84 297	2 596,587	28 818,919	11,099	10,632	65	91 333	2 813,317	34 831,777	12,381	11,914
66	83 028	2 424,156	26 222,333	10,817	10,350	66	90 620	2 645,825	32 018,460	12,102	11,634
67	81 654	2 259,771	23 798,176	10,531	10,064	67	89 845	2 486,438	29 372,635	11,813	11,346
68	80 194	2 103,664	21 538,406	10,239	9,771	68	89 024	2 335,290	26 886,198	11,513	11,046
69	78 659	1 955,813	19 434,742	9,937	9,470	69	88 160	2 192,050	24 550,908	11,200	10,733
70	77 011	1 815,026	17 478,929	9,630	9,163	70	87 223	2 055,703	22 358,858	10,877	10,409
71	75 258	1 681,233	15 663,903	9,317	8,850	71	86 211	1 925,922	20 303,154	10,542	10,075
72	73 382	1 553,861	13 982,670	8,999	8,531	72	85 101	1 802,011	18 377,233	10,198	9,731
73	71 393	1 432,927	12 428,808	8,674	8,207	73	83 869	1 683,338	16 575,222	9,847	9,379
74	69 262	1 317,682	10 995,881	8,345	7,878	74	82 505	1 569,635	14 891,884	9,487	9,020
75	66 916	1 206,688	9 678,199	8,020	7,553	75	80 970	1 460,121	13 322,249	9,124	8,657
76	64 411	1 100,960	8 471,511	7,695	7,227	76	79 232	1 354,304	11 862,127	8,759	8,292
77	61 730	1 000,133	7 370,551	7,370	6,902	77	77 292	1 252,259	10 507,824	8,391	7,924
78	58 844	903,679	6 370,418	7,049	6,582	78	75 149	1 154,068	9 255,565	8,020	7,553
79	55 736	811,323	5 466,740	6,738	6,271	79	72 739	1 058,823	8 101,497	7,651	7,184
80	52 456	723,767	4 655,416	6,432	5,965	80	70 098	967,187	7 042,674	7,282	6,814
81	49 044	641,406	3 931,650	6,130	5,663	81	67 171	878,475	6 075,488	6,916	6,449
82	45 471	563,676	3 290,244	5,837	5,370	82	63 974	793,051	5 197,012	6,553	6,086
83	41 818	491,371	2 726,568	5,549	5,082	83	60 446	710,254	4 403,962	6,201	5,733
84	38 142	424,813	2 235,197	5,262	4,794	84	56 655	631,008	3 693,707	5,854	5,386
85	34 397	363,128	1 810,384	4,986	4,518	85	52 558	554,859	3 062,699	5,520	5,053
86	30 660	306,805	1 447,256	4,717	4,250	86	48 209	482,409	2 507,841	5,199	4,731
87	26 953	255,648	1 140,451	4,461	3,994	87	43 667	414,176	2 025,432	4,890	4,423
88	23 308	209,547	884,803	4,222	3,755	88	38 938	350,070	1 611,256	4,603	4,135
89	19 851	169,165	675,255	3,992	3,525	89	34 176	291,243	1 261,186	4,330	3,863
90	16 530	133,526	506,090	3,790	3,323	90	29 340	236,992	969,943	4,093	3,626
91	13 621	104,290	372,564	3,572	3,105	91	24 798	189,864	732,951	3,860	3,393
92	10 899	79,100	268,275	3,392	2,924	92	20 392	147,989	543,087	3,670	3,203
93	8 541	58,755	189,175	3,220	2,753	93	16 533	113,730	395,098	3,474	3,007
94	6 537	42,623	130,419	3,060	2,593	94	13 107	85,459	281,368	3,292	2,825
95	4 880	30,158	87,796	2,911	2,444	95	10 146	62,706	195,909	3,124	2,657
96	3 548	20,784	57,638	2,773	2,306	96	7 660	44,872	133,202	2,968	2,501
97	2 509	13,932	36,855	2,645	2,178	97	5 632	31,274	88,330	2,824	2,357
98	1 724	9,073	22,922	2,526	2,059	98	4 028	21,202	57,056	2,691	2,224
99	1 149	5,732	13,850	2,416	1,949	99	2 799	13,963	35,854	2,568	2,101
100	742	3,508	8,118	2,314	1,847	100	1 887	8,922	21,891	2,454	1,986

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 5,75%

x	l_x	D_x	N_x	$ä_x$	$ä_x^{(12)}$	y	l_y	D_y	N_y	$ä_y$	$ä_y^{(12)}$
			Männer						Frauen		
0	100 000	100 000,000	1 796 964,336	17,970	17,502	0	100 000	100 000,000	1 808 063,349	18,081	17,613
1	99 613	94 196,897	1 696 964,336	18,015	17,548	1	99 685	94 264,521	1 708 063,349	18,120	17,652
2	99 581	89 045,933	1 602 767,440	17,999	17,532	2	99 658	89 115,498	1 613 798,828	18,109	17,641
3	99 562	84 188,299	1 513 721,507	17,980	17,513	3	99 644	84 257,423	1 524 683,330	18,096	17,628
4	99 548	79 599,614	1 429 533,208	17,959	17,491	4	99 632	79 667,148	1 440 425,907	18,081	17,613
5	99 535	75 261,507	1 349 933,594	17,937	17,469	5	99 621	75 326,386	1 360 758,759	18,065	17,597
6	99 524	71 161,585	1 274 672,087	17,912	17,445	6	99 610	71 223,425	1 285 432,374	18,048	17,580
7	99 513	67 285,169	1 203 510,502	17,887	17,419	7	99 602	67 344,891	1 214 208,948	18,030	17,562
8	99 505	63 621,395	1 136 225,334	17,859	17,392	8	99 593	63 677,646	1 146 864,057	18,010	17,543
9	99 497	60 157,064	1 072 603,939	17,830	17,362	9	99 586	60 210,834	1 083 186,411	17,990	17,522
10	99 489	56 881,645	1 012 446,875	17,799	17,332	10	99 579	56 933,031	1 022 975,577	17,968	17,500
11	99 480	53 783,983	955 565,230	17,767	17,299	11	99 572	53 833,561	966 042,546	17,945	17,477
12	99 472	50 855,193	901 781,247	17,732	17,265	12	99 564	50 902,370	912 208,985	17,921	17,453
13	99 461	48 084,666	850 926,053	17,696	17,229	13	99 556	48 130,754	861 306,615	17,895	17,428
14	99 450	45 465,091	802 841,388	17,658	17,191	14	99 547	45 509,638	813 175,862	17,868	17,401
15	99 435	42 986,541	757 376,297	17,619	17,151	15	99 536	43 030,454	767 666,224	17,840	17,372
16	99 417	40 641,974	714 389,756	17,578	17,110	16	99 524	40 685,618	724 635,769	17,811	17,343
17	99 391	38 422,146	673 747,782	17,535	17,068	17	99 508	38 467,478	683 950,151	17,780	17,312
18	99 358	36 320,690	635 325,635	17,492	17,025	18	99 493	36 370,028	645 482,673	17,748	17,280
19	99 310	34 329,269	599 004,946	17,449	16,981	19	99 470	34 384,606	609 112,645	17,715	17,247
20	99 261	32 446,802	564 675,676	17,403	16,936	20	99 449	32 508,278	574 728,038	17,679	17,212
21	99 208	30 666,052	532 228,874	17,356	16,888	21	99 427	30 733,865	542 219,760	17,642	17,175
22	99 154	28 982,959	501 562,822	17,305	16,838	22	99 406	29 056,674	511 485,895	17,603	17,135
23	99 101	27 392,490	472 579,863	17,252	16,785	23	99 384	27 470,596	482 429,222	17,562	17,094
24	99 050	25 889,522	445 187,373	17,196	16,728	24	99 361	25 970,985	454 958,625	17,518	17,050
25	98 994	24 468,119	419 297,851	17,136	16,669	25	99 341	24 553,887	428 987,640	17,471	17,004
26	98 940	23 124,989	394 829,732	17,074	16,606	26	99 319	23 213,698	404 433,753	17,422	16,955
27	98 882	21 854,896	371 704,743	17,008	16,540	27	99 296	21 946,292	381 220,055	17,371	16,903
28	98 820	20 653,487	349 849,847	16,939	16,471	28	99 269	20 747,420	359 273,763	17,317	16,849
29	98 760	19 518,748	329 196,359	16,866	16,398	29	99 244	19 614,348	338 526,343	17,259	16,792
30	98 695	18 445,308	309 677,611	16,789	16,321	30	99 216	18 542,525	318 911,995	17,199	16,731
31	98 632	17 431,210	291 232,303	16,708	16,240	31	99 188	17 529,340	300 369,469	17,135	16,668
32	98 562	16 471,649	273 801,093	16,623	16,155	32	99 158	16 571,202	282 840,129	17,068	16,601
33	98 489	15 564,577	257 329,444	16,533	16,065	33	99 122	15 664,613	266 268,927	16,998	16,531
34	98 414	14 707,042	241 764,867	16,439	15,971	34	99 086	14 807,456	250 604,314	16,924	16,457
35	98 336	13 896,337	227 057,825	16,339	15,872	35	99 044	13 996,375	235 796,858	16,847	16,379
36	98 254	13 129,706	213 161,488	16,235	15,767	36	99 005	13 230,078	221 800,483	16,765	16,297
37	98 167	12 404,861	200 031,782	16,125	15,658	37	98 958	12 504,767	208 570,405	16,679	16,212
38	98 074	11 719,234	187 626,921	16,010	15,543	38	98 905	11 818,528	196 065,638	16,590	16,122
39	97 966	11 069,837	175 907,687	15,891	15,423	39	98 850	11 169,691	184 247,110	16,495	16,028
40	97 854	10 455,914	164 837,849	15,765	15,297	40	98 784	10 555,368	173 077,419	16,397	15,930
41	97 728	9 874,705	154 381,935	15,634	15,167	41	98 715	9 974,387	162 522,050	16,294	15,826
42	97 594	9 324,994	144 507,230	15,497	15,029	42	98 636	9 424,484	152 547,664	16,186	15,719
43	97 445	8 804,475	135 182,236	15,354	14,886	43	98 548	8 904,109	143 123,179	16,074	15,606
44	97 271	8 310,899	126 377,760	15,206	14,739	44	98 447	8 411,340	134 219,070	15,957	15,489
45	97 078	7 843,371	118 066,862	15,053	14,586	45	98 336	7 945,052	125 807,730	15,835	15,367
46	96 863	7 400,471	110 223,491	14,894	14,427	46	98 211	7 503,516	117 862,678	15,708	15,240
47	96 623	6 980,771	102 823,020	14,729	14,262	47	98 073	7 085,525	110 359,162	15,575	15,108
48	96 344	6 582,147	95 842,249	14,561	14,093	48	97 913	6 689,304	103 273,636	15,439	14,971
49	96 035	6 204,289	89 260,102	14,387	13,919	49	97 740	6 314,397	96 584,332	15,296	14,828

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 5,75%

x	l_x	D_x	N_x	$ä_x$	$ä_x^{(12)}$	y	l_y	D_y	N_y	$ä_y$	$ä_y^{(12)}$
			Männer						Frauen		
50	95 691	5 845 914	83 055 813	14,207	13,740	50	97 538	5 958 775	90 269 935	15,149	14,682
51	95 308	5 505 935	77 209 899	14,023	13,555	51	97 324	5 622 362	84 311 160	14,996	14,528
52	94 857	5 181 925	71 703 965	13,837	13,370	52	97 085	5 303 645	78 688 799	14,837	14,369
53	94 382	4 875 635	66 522 040	13,644	13,176	53	96 819	5 001 499	73 385 153	14,673	14,205
54	93 861	4 585 081	61 646 404	13,445	12,977	54	96 528	4 715 330	68 383 655	14,502	14,035
55	93 280	4 308 923	57 061 323	13,243	12,775	55	96 220	4 444 711	63 668 325	14,325	13,857
56	92 649	4 047 062	52 752 401	13,035	12,567	56	95 879	4 188 145	59 223 613	14,141	13,673
57	91 974	3 799 113	48 705 338	12,820	12,353	57	95 517	3 945 481	55 035 468	13,949	13,481
58	91 234	3 563 640	44 906 225	12,601	12,134	58	95 135	3 716 040	51 089 987	13,749	13,281
59	90 431	3 340 236	41 342 586	12,377	11,910	59	94 716	3 498 481	47 373 947	13,541	13,074
60	89 568	3 128 473	38 002 349	12,147	11,680	60	94 268	3 292 635	43 875 466	13,325	12,858
61	88 638	2 927 624	34 873 876	11,912	11,444	61	93 760	3 096 822	40 582 831	13,105	12,637
62	87 648	2 737 529	31 946 252	11,670	11,202	62	93 222	2 911 608	37 486 008	12,875	12,407
63	86 597	2 557 645	29 208 723	11,420	10,953	63	92 634	2 735 927	34 574 400	12,637	12,170
64	85 502	2 387 998	26 651 078	11,160	10,693	64	92 009	2 569 733	31 838 473	12,390	11,922
65	84 297	2 226 323	24 263 080	10,898	10,431	65	91 333	2 412 149	29 268 739	12,134	11,666
66	83 028	2 073 567	22 036 756	10,627	10,160	66	90 620	2 263 177	26 856 591	11,867	11,399
67	81 654	1 928 386	19 963 189	10,352	9,885	67	89 845	2 121 813	24 593 413	11,591	11,123
68	80 194	1 790 928	18 034 803	10,070	9,603	68	89 024	1 988 119	22 471 600	11,303	10,835
69	78 659	1 661 120	16 243 875	9,779	9,311	69	88 160	1 861 762	20 483 480	11,002	10,535
70	77 011	1 537 902	14 582 756	9,482	9,015	70	87 223	1 741 832	18 621 718	10,691	10,223
71	75 258	1 421 170	13 044 853	9,179	8,711	71	86 211	1 628 008	16 879 886	10,368	9,901
72	73 382	1 310 395	11 623 683	8,870	8,403	72	85 101	1 519 663	15 251 878	10,036	9,569
73	71 393	1 205 553	10 313 288	8,555	8,087	73	83 869	1 416 229	13 732 214	9,696	9,229
74	69 262	1 105 974	9 107 736	8,235	7,767	74	82 505	1 317 446	12 315 986	9,348	8,881
75	66 916	1 010 418	8 001 762	7,919	7,452	75	80 970	1 222 631	10 998 539	8,996	8,528
76	64 411	919 708	6 991 343	7,602	7,134	76	79 232	1 131 343	9 775 909	8,641	8,173
77	61 730	833 505	6 071 636	7,284	6,817	77	77 292	1 043 625	8 644 566	8,283	7,816
78	58 844	751 340	5 238 131	6,972	6,504	78	75 149	959 519	7 600 941	7,922	7,454
79	55 736	672 959	4 486 791	6,667	6,200	79	72 739	878 250	6 641 421	7,562	7,095
80	52 456	598 915	3 813 832	6,368	5,900	80	70 098	800 344	5 763 171	7,201	6,733
81	49 044	529 507	3 214 917	6,072	5,604	81	67 171	725 218	4 962 827	6,843	6,376
82	45 471	464 237	2 685 409	5,785	5,317	82	63 974	653 148	4 237 609	6,488	6,020
83	41 818	403 731	2 221 172	5,502	5,034	83	60 446	583 575	3 584 461	6,142	5,675
84	38 142	348 219	1 817 441	5,219	4,752	84	56 655	517 237	3 000 886	5,802	5,334
85	34 397	296 952	1 469 221	4,948	4,480	85	52 558	453 743	2 483 649	5,474	5,006
86	30 660	250 301	1 172 269	4,683	4,216	86	48 209	393 563	2 029 906	5,158	4,690
87	26 953	208 072	921 968	4,431	3,963	87	43 667	337 098	1 636 343	4,854	4,387
88	23 308	170 147	713 896	4,196	3,728	88	38 938	284 249	1 299 245	4,571	4,103
89	19 851	137 034	543 749	3,968	3,500	89	34 176	235 923	1 014 996	4,302	3,835
90	16 530	107 908	406 715	3,769	3,302	90	29 340	191 523	779 073	4,068	3,600
91	13 621	84 082	298 808	3,554	3,086	91	24 798	153 075	587 550	3,838	3,371
92	10 899	63 622	214 726	3,375	2,907	92	20 392	119 031	434 475	3,650	3,183
93	8 541	47 146	151 104	3,205	2,737	93	16 533	91 260	315 444	3,457	2,989
94	6 537	34 121	103 957	3,047	2,579	94	13 107	68 412	224 185	3,277	2,809
95	4 880	24 085	69 836	2,900	2,432	95	10 146	50 080	155 772	3,110	2,643
96	3 548	16 559	45 751	2,763	2,295	96	7 660	35 752	105 693	2,956	2,489
97	2 509	11 074	29 192	2,636	2,168	97	5 632	24 859	69 941	2,814	2,346
98	1 724	7 195	18 118	2,518	2,051	98	4 028	16 813	45 083	2,681	2,214
99	1 149	4 534	10 923	2,409	1,941	99	2 799	11 047	28 270	2,559	2,092
100	742	2,769	6,389	2,308	1,840	100	1 887	7,042	17,223	2,446	1,978

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 6%

x	l_x	D_x	N_x	$ä_x$	$ä_x^{(12)}$	y	l_y	D_y	N_y	$ä_y$	$ä_y^{(12)}$
			Männer						Frauen		
0	100 000	100 000,000	1 730 545,188	17,305	16,837	0	100 000	100 000,000	1 740 278,576	17,403	16,935
1	99 613	93 974,734	1 630 545,188	17,351	16,883	1	99 685	94 042,199	1 640 278,576	17,442	16,974
2	99 581	88 626,400	1 536 570,454	17,338	16,870	2	99 658	88 695,637	1 546 236,377	17,433	16,965
3	99 562	83 594,031	1 447 944,054	17,321	16,853	3	99 644	83 662,667	1 457 540,739	17,422	16,954
4	99 548	78 851,327	1 364 350,023	17,303	16,835	4	99 632	78 918,225	1 373 878,073	17,409	16,941
5	99 535	74 378,166	1 285 498,696	17,283	16,815	5	99 621	74 442,283	1 294 959,847	17,395	16,928
6	99 524	70 160,500	1 211 120,531	17,262	16,794	6	99 610	70 221,471	1 220 517,564	17,381	16,913
7	99 513	66 182,158	1 140 960,031	17,240	16,772	7	99 602	66 240,901	1 150 296,094	17,365	16,897
8	99 505	62 430,853	1 074 777,873	17,215	16,748	8	99 593	62 486,053	1 084 055,193	17,349	16,881
9	99 497	58 892,126	1 012 347,020	17,190	16,722	9	99 586	58 944,765	1 021 569,140	17,331	16,863
10	99 489	55 554,246	953 454,894	17,163	16,695	10	99 579	55 604,433	962 624,375	17,312	16,844
11	99 480	52 404,982	897 900,648	17,134	16,666	11	99 572	52 453,289	907 019,943	17,292	16,824
12	99 472	49 434,420	845 495,666	17,103	16,635	12	99 564	49 480,278	854 566,654	17,271	16,803
13	99 461	46 631,055	796 061,246	17,071	16,604	13	99 556	46 675,750	805 086,376	17,248	16,781
14	99 450	43 986,683	749 430,191	17,038	16,570	14	99 547	44 029,782	758 410,626	17,225	16,757
15	99 435	41 490,642	705 443,508	17,002	16,535	15	99 536	41 533,028	714 380,844	17,200	16,732
16	99 417	39 135,147	663 952,866	16,966	16,498	16	99 524	39 177,816	672 847,817	17,174	16,707
17	99 391	36 910,362	624 817,719	16,928	16,460	17	99 508	36 953,910	633 670,644	17,148	16,680
18	99 358	34 809,299	587 907,357	16,889	16,421	18	99 493	34 856,585	596 716,734	17,119	16,651
19	99 310	32 823,151	553 098,057	16,851	16,383	19	99 470	32 876,060	561 860,149	17,090	16,622
20	99 261	30 950,104	520 274,907	16,810	16,342	20	99 449	31 008,745	528 984,089	17,059	16,591
21	99 208	29 182,506	489 324,802	16,768	16,300	21	99 427	29 247,039	497 975,344	17,027	16,559
22	99 154	27 515,789	460 142,296	16,723	16,255	22	99 406	27 585,771	468 728,305	16,992	16,524
23	99 101	25 944,497	432 626,508	16,675	16,207	23	99 384	26 018,475	441 142,534	16,955	16,487
24	99 050	24 463,145	406 682,010	16,624	16,156	24	99 361	24 540,120	415 124,059	16,916	16,448
25	98 994	23 065,525	382 218,865	16,571	16,103	25	99 341	23 146,377	390 583,939	16,875	16,407
26	98 940	21 747,975	359 153,340	16,514	16,046	26	99 319	21 831,401	367 437,562	16,831	16,363
27	98 882	20 505,036	337 405,365	16,455	15,987	27	99 296	20 590,787	345 606,161	16,785	16,317
28	98 820	19 332,130	316 900,329	16,392	15,924	28	99 269	19 420,052	325 015,374	16,736	16,268
29	98 760	18 226,899	297 568,199	16,326	15,858	29	99 244	18 316,171	305 595,321	16,684	16,216
30	98 695	17 183,880	279 341,301	16,256	15,788	30	99 216	17 274,449	287 279,150	16,630	16,162
31	98 632	16 200,834	262 157,421	16,182	15,714	31	99 188	16 292,038	270 004,701	16,573	16,105
32	98 562	15 272,897	245 956,587	16,104	15,636	32	99 158	15 365,205	253 712,663	16,512	16,044
33	98 489	14 397,802	230 683,690	16,022	15,554	33	99 122	14 490,338	238 347,458	16,449	15,981
34	98 414	13 572,464	216 285,888	15,936	15,468	34	99 086	13 665,132	223 857,121	16,382	15,914
35	98 336	12 794,055	202 713,424	15,844	15,376	35	99 044	12 886,158	210 191,989	16,311	15,843
36	98 254	12 059,725	189 919,369	15,748	15,280	36	99 005	12 151,917	197 305,831	16,237	15,769
37	98 167	11 367,077	177 859,645	15,647	15,179	37	98 958	11 458,625	185 153,914	16,158	15,691
38	98 074	10 713,482	166 492,568	15,540	15,073	38	98 905	10 804,254	173 695,289	16,077	15,609
39	97 966	10 095,949	155 779,085	15,430	14,962	39	98 850	10 187,018	162 891,034	15,990	15,522
40	97 854	9 513,546	145 683,136	15,313	14,845	40	98 784	9 604,037	152 704,016	15,900	15,432
41	97 728	8 963,530	136 169,590	15,192	14,724	41	98 715	9 054,014	143 099,979	15,805	15,337
42	97 594	8 444,580	127 206,060	15,064	14,596	42	98 636	8 534,676	134 045,966	15,706	15,238
43	97 445	7 954,400	118 761,480	14,930	14,462	43	98 548	8 044,415	125 511,289	15,602	15,134
44	97 271	7 490,770	110 807,080	14,792	14,325	44	98 447	7 581,300	117 466,875	15,494	15,026
45	97 078	7 052,705	103 316,310	14,649	14,181	45	98 336	7 144,137	109 885,575	15,381	14,913
46	96 863	6 638,758	96 263,605	14,500	14,032	46	98 211	6 731,197	102 741,438	15,263	14,796
47	96 623	6 247,488	89 624,847	14,346	13,878	47	98 073	6 341,238	96 010,241	15,141	14,673
48	96 344	5 876,843	83 377,359	14,187	13,719	48	97 913	5 972,518	89 669,003	15,014	14,546
49	96 035	5 526,409	77 500,516	14,024	13,556	49	97 740	5 624,487	83 696,485	14,881	14,413

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 6%

x	l_x	D_x	N_x	$ä_x$	$ä_x^{(12)}$	y	l_y	D_y	N_y	$ä_y$	$ä_y^{(12)}$
			Männer						Frauen		
50	95 691	5 194,909	71 974,107	13,855	13,387	50	97 538	5 295,202	78 071,998	14,744	14,276
51	95 308	4 881,250	66 779,198	13,681	13,213	51	97 324	4 984,468	72 776,797	14,601	14,133
52	94 857	4 583,167	61 897,947	13,505	13,038	52	97 085	4 690,823	67 792,328	14,452	13,984
53	94 382	4 302,098	57 314,780	13,323	12,855	53	96 819	4 413,155	63 101,505	14,299	13,831
54	93 861	4 036,181	53 012,682	13,134	12,666	54	96 528	4 150,837	58 688,350	14,139	13,671
55	93 280	3 784,137	48 976,502	12,943	12,475	55	96 220	3 903,387	54 537,513	13,972	13,504
56	92 649	3 545,786	45 192,365	12,745	12,277	56	95 879	3 669,393	50 634,126	13,799	13,331
57	91 974	3 320,698	41 646,579	12,542	12,074	57	95 517	3 448,634	46 964,732	13,618	13,150
58	91 234	3 107,530	38 325,881	12,333	11,865	58	95 135	3 240,426	43 516,098	13,429	12,961
59	90 431	2 905,851	35 218,351	12,120	11,652	59	94 716	3 043,517	40 275,673	13,233	12,765
60	89 568	2 715,208	32 312,500	11,901	11,433	60	94 268	2 857,684	37 232,156	13,029	12,561
61	88 638	2 534,898	29 597,292	11,676	11,208	61	93 760	2 681,399	34 374,472	12,820	12,352
62	87 648	2 364,713	27 062,394	11,444	10,976	62	93 222	2 515,085	31 693,073	12,601	12,133
63	86 597	2 204,116	24 697,681	11,205	10,737	63	92 634	2 357,755	29 177,988	12,375	11,907
64	85 502	2 053,065	22 493,565	10,956	10,488	64	92 009	2 209,310	26 820,233	12,140	11,672
65	84 297	1 909,552	20 440,500	10,704	10,236	65	91 333	2 068,937	24 610,922	11,895	11,427
66	83 028	1 774,336	18 530,949	10,444	9,976	66	90 620	1 936,584	22 541,985	11,640	11,172
67	81 654	1 646,214	16 756,613	10,179	9,711	67	89 845	1 811,338	20 605,401	11,376	10,908
68	80 194	1 525,263	15 110,399	9,907	9,439	68	89 024	1 693,204	18 794,064	11,100	10,632
69	78 659	1 411,374	13 585,136	9,625	9,157	69	88 160	1 581,851	17 100,860	10,811	10,343
70	77 011	1 303,600	12 173,762	9,339	8,871	70	87 223	1 476,461	15 519,009	10,511	10,043
71	75 258	1 201,811	10 870,161	9,045	8,577	71	86 211	1 376,724	14 042,548	10,200	9,732
72	73 382	1 105,521	9 668,350	8,746	8,278	72	85 101	1 282,071	12 665,824	9,879	9,411
73	71 393	1 014,672	8 562,829	8,439	7,971	73	83 869	1 191,990	11 383,753	9,550	9,082
74	69 262	928,664	7 548,157	8,128	7,660	74	82 505	1 106,233	10 191,762	9,213	8,745
75	66 916	846,427	6 619,493	7,821	7,353	75	80 970	1 024,197	9 085,529	8,871	8,403
76	64 411	768,622	5 773,066	7,511	7,043	76	79 232	945,491	8 061,332	8,526	8,058
77	61 730	694,937	5 004,445	7,201	6,733	77	77 292	870,125	7 115,842	8,178	7,710
78	58 844	624,954	4 309,507	6,896	6,428	78	75 149	798,115	6 245,716	7,826	7,358
79	55 736	558,438	3 684,553	6,598	6,130	79	72 739	728,793	5 447,601	7,475	7,007
80	52 456	495,822	3 126,115	6,305	5,837	80	70 098	662,579	4 718,808	7,122	6,654
81	49 044	437,328	2 630,293	6,014	5,546	81	67 171	598,968	4 056,228	6,772	6,304
82	45 471	382,516	2 192,965	5,733	5,265	82	63 974	538,173	3 457,260	6,424	5,956
83	41 818	331,877	1 810,448	5,455	4,987	83	60 446	479,713	2 919,088	6,085	5,617
84	38 142	285,569	1 478,571	5,178	4,710	84	56 655	424,178	2 439,375	5,751	5,283
85	34 397	242,952	1 193,002	4,910	4,442	85	52 558	371,230	2 015,196	5,428	4,960
86	30 660	204,301	950,050	4,650	4,182	86	48 209	321,235	1 643,967	5,118	4,650
87	26 953	169,432	745,750	4,401	3,933	87	43 667	274,497	1 322,732	4,819	4,351
88	23 308	138,224	576,317	4,169	3,701	88	38 938	230,917	1 048,234	4,539	4,071
89	19 851	111,060	438,094	3,945	3,477	89	34 176	191,206	817,318	4,275	3,807
90	16 530	87,249	327,033	3,748	3,280	90	29 340	154,856	626,112	4,043	3,575
91	13 621	67,824	239,785	3,535	3,067	91	24 798	123,476	471,256	3,817	3,349
92	10 899	51,199	171,961	3,359	2,891	92	20 392	95,789	347,779	3,631	3,163
93	8 541	37,851	120,762	3,190	2,722	93	16 533	73,267	251,991	3,439	2,971
94	6 537	27,329	82,911	3,034	2,566	94	13 107	54,795	178,723	3,262	2,794
95	4 880	19,245	55,582	2,888	2,420	95	10 146	40,016	123,929	3,097	2,629
96	3 548	13,201	36,336	2,753	2,285	96	7 660	28,500	83,912	2,944	2,476
97	2 509	8,807	23,136	2,627	2,159	97	5 632	19,770	55,412	2,803	2,335
98	1 724	5,708	14,328	2,510	2,042	98	4 028	13,340	35,642	2,672	2,204
99	1 149	3,589	8,620	2,402	1,934	99	2 799	8,744	22,302	2,551	2,083
100	742	2,186	5,031	2,301	1,833	100	1 887	5,561	13,559	2,438	1,970

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 6,25%

x	l_x	D_x	N_x	$ä_x$	$^{(12)}ä_x$	y	l_y	D_y	N_y	$ä_y$	$^{(12)}ä_y$
			Männer						Frauen		
0	100 000	100 000,000	1 668 827,936	16,688	16,220	0	100 000	100 000,000	1 677 394,483	16,774	16,306
1	99 613	93 753,617	1 568 827,936	16,734	16,265	1	99 685	93 820,924	1 577 394,483	16,813	16,344
2	99 581	88 209,826	1 475 074,319	16,722	16,254	2	99 658	88 278,737	1 483 573,560	16,806	16,337
3	99 562	83 005,343	1 386 864,493	16,708	16,240	3	99 644	83 073,495	1 395 294,823	16,796	16,328
4	99 548	78 111,812	1 303 859,151	16,692	16,224	4	99 632	78 178,083	1 312 221,327	16,785	16,317
5	99 535	73 507,236	1 225 747,339	16,675	16,207	5	99 621	73 570,603	1 234 043,244	16,774	16,305
6	99 524	69 175,807	1 152 240,102	16,657	16,188	6	99 610	69 235,922	1 160 472,641	16,761	16,293
7	99 513	65 099,763	1 083 064,295	16,637	16,169	7	99 602	65 157,546	1 091 236,719	16,748	16,279
8	99 505	61 265,317	1 017 964,532	16,616	16,147	8	99 593	61 319,485	1 026 079,174	16,733	16,265
9	99 497	57 656,672	956 699,216	16,593	16,125	9	99 586	57 708,207	964 759,688	16,718	16,250
10	99 489	54 260,841	899 042,544	16,569	16,101	10	99 579	54 309,859	907 051,482	16,701	16,233
11	99 480	51 064,463	844 781,703	16,543	16,075	11	99 572	51 111,534	852 741,622	16,684	16,216
12	99 472	48 056,547	793 717,240	16,516	16,048	12	99 564	48 101,127	801 630,088	16,666	16,197
13	99 461	45 224,658	745 660,693	16,488	16,020	13	99 556	45 268,004	753 528,961	16,646	16,178
14	99 450	42 559,663	700 436,035	16,458	15,989	14	99 547	42 601,364	708 260,957	16,625	16,157
15	99 435	40 050,142	657 876,372	16,426	15,958	15	99 536	40 091,056	665 659,593	16,604	16,135
16	99 417	37 687,540	617 826,230	16,393	15,925	16	99 524	37 728,012	625 568,538	16,581	16,113
17	99 391	35 461,415	580 138,690	16,360	15,891	17	99 508	35 503,253	587 840,526	16,557	16,089
18	99 358	33 364,142	544 677,275	16,325	15,857	18	99 493	33 409,464	552 337,273	16,532	16,064
19	99 310	31 386,426	511 313,133	16,291	15,823	19	99 470	31 437,019	518 927,808	16,507	16,039
20	99 261	29 525,730	479 926,707	16,255	15,786	20	99 449	29 581,672	487 490,789	16,479	16,011
21	99 208	27 773,975	450 400,977	16,217	15,748	21	99 427	27 835,393	457 909,117	16,451	15,982
22	99 154	26 126,086	422 627,001	16,176	15,708	22	99 406	26 192,534	430 073,724	16,420	15,951
23	99 101	24 576,191	396 500,916	16,134	15,665	23	99 384	24 646,267	403 881,190	16,387	15,919
24	99 050	23 118,440	371 924,725	16,088	15,619	24	99 361	23 191,184	379 234,923	16,353	15,884
25	98 994	21 746,357	348 806,284	16,040	15,571	25	99 341	21 822,585	356 043,739	16,315	15,847
26	98 940	20 455,915	327 059,928	15,989	15,520	26	99 319	20 534,385	334 221,154	16,276	15,808
27	98 882	19 241,439	306 604,013	15,935	15,466	27	99 296	19 321,906	313 686,769	16,235	15,766
28	98 820	18 098,127	287 362,573	15,878	15,410	28	99 269	18 180,438	294 364,863	16,191	15,723
29	98 760	17 023,296	269 264,446	15,817	15,349	29	99 244	17 106,674	276 184,425	16,145	15,676
30	98 695	16 011,390	252 241,150	15,754	15,286	30	99 216	16 095,779	259 077,752	16,096	15,628
31	98 632	15 059,900	236 229,760	15,686	15,218	31	99 188	15 144,681	242 981,973	16,044	15,576
32	98 562	14 163,907	221 169,860	15,615	15,147	32	99 158	14 249,512	227 837,292	15,989	15,521
33	98 489	13 320,937	207 005,953	15,540	15,072	33	99 122	13 406,552	213 587,780	15,932	15,463
34	98 414	12 527,782	193 685,016	15,460	14,992	34	99 086	12 613,318	200 181,228	15,871	15,402
35	98 336	11 781,501	181 157,234	15,376	14,908	35	99 044	11 866,315	187 567,910	15,807	15,338
36	98 254	11 079,158	169 375,733	15,288	14,819	36	99 005	11 163,854	175 701,595	15,738	15,270
37	98 167	10 418,258	158 296,575	15,194	14,726	37	98 958	10 502,164	164 537,741	15,667	15,199
38	98 074	9 796,115	147 878,317	15,096	14,627	38	98 905	9 879,114	154 035,577	15,592	15,124
39	97 966	9 209,738	138 082,203	14,993	14,525	39	98 850	9 292,814	144 156,463	15,513	15,044
40	97 854	8 658,038	128 872,464	14,885	14,416	40	98 784	8 740,391	134 863,649	15,430	14,962
41	97 728	8 138,288	120 214,426	14,771	14,303	41	98 715	8 220,441	126 123,258	15,343	14,874
42	97 594	7 649,075	112 076,138	14,652	14,184	42	98 636	7 730,685	117 902,817	15,251	14,783
43	97 445	7 188,119	104 427,062	14,528	14,059	43	98 548	7 269,462	110 172,132	15,155	14,687
44	97 271	6 753,225	97 238,943	14,399	13,931	44	98 447	6 834,841	102 902,670	15,056	14,587
45	97 078	6 343,332	90 485,718	14,265	13,796	45	98 336	6 425,567	96 067,828	14,951	14,483
46	96 863	5 956,971	84 142,386	14,125	13,657	46	98 211	6 039,916	89 642,261	14,842	14,373
47	96 623	5 592,693	78 185,415	13,980	13,512	47	98 073	5 676,617	83 602,345	14,727	14,259
48	96 344	5 248,516	72 592,723	13,831	13,363	48	97 913	5 333,962	77 925,728	14,609	14,141
49	96 035	4 923,937	67 344,207	13,677	13,209	49	97 740	5 011,322	72 591,766	14,486	14,017

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 6,25%

x	l_x	D_x	N_x	$ä_x$	$ä_x^{(12)}$	y	l_y	D_y	N_y	$ä_y$	$ä_y^{(12)}$
			Männer						Frauen		
50	95 691	4 617,685	62 420,270	13,518	13,049	50	97 538	4 706,833	67 580,444	14,358	13,890
51	95 308	4 328,669	57 802,585	13,353	12,885	51	97 324	4 420,202	62 873,610	14,224	13,756
52	94 857	4 054,767	53 473,916	13,188	12,720	52	97 085	4 150,011	58 453,408	14,085	13,617
53	94 382	3 797,147	49 419,150	13,015	12,546	53	96 819	3 895,169	54 303,398	13,941	13,473
54	93 861	3 554,059	45 622,003	12,837	12,368	54	96 528	3 655,020	50 408,228	13,792	13,323
55	93 280	3 324,281	42 067,944	12,655	12,186	55	96 220	3 429,041	46 753,209	13,634	13,166
56	92 649	3 107,566	38 743,663	12,468	11,999	56	95 879	3 215,897	43 324,168	13,472	13,004
57	91 974	2 903,449	35 636,097	12,274	11,805	57	95 517	3 015,309	40 108,271	13,302	12,833
58	91 234	2 710,673	32 732,648	12,075	11,607	58	95 135	2 826,596	37 092,962	13,123	12,654
59	90 431	2 528,786	30 021,975	11,872	11,404	59	94 716	2 648,588	34 266,365	12,938	12,469
60	89 568	2 357,321	27 493,189	11,663	11,195	60	94 268	2 481,017	31 617,777	12,744	12,276
61	88 638	2 195,599	25 135,868	11,448	10,980	61	93 760	2 322,491	29 136,760	12,545	12,077
62	87 648	2 043,374	22 940,270	11,227	10,758	62	93 222	2 173,312	26 814,269	12,338	11,870
63	86 597	1 900,119	20 896,896	10,998	10,529	63	92 634	2 032,568	24 640,957	12,123	11,655
64	85 502	1 765,737	18 996,776	10,759	10,290	64	92 009	1 900,116	22 608,389	11,898	11,430
65	84 297	1 638,444	17 231,040	10,517	10,048	65	91 333	1 775,201	20 708,274	11,665	11,197
66	83 028	1 518,843	15 592,595	10,266	9,798	66	90 620	1 657,729	18 933,073	11,421	10,953
67	81 654	1 405,854	14 073,752	10,011	9,542	67	89 845	1 546,869	17 275,344	11,168	10,700
68	80 194	1 299,499	12 667,898	9,748	9,280	68	89 024	1 442,581	15 728,475	10,903	10,435
69	78 659	1 199,638	11 368,399	9,477	9,008	69	88 160	1 344,539	14 285,894	10,625	10,157
70	77 011	1 105,425	10 168,762	9,199	8,731	70	87 223	1 252,007	12 941,355	10,336	9,868
71	75 258	1 016,712	9 063,336	8,914	8,446	71	86 211	1 164,685	11 689,348	10,036	9,568
72	73 382	933,052	8 046,624	8,624	8,156	72	85 101	1 082,059	10 524,662	9,727	9,258
73	71 393	854,361	7 113,573	8,326	7,858	73	83 869	1 003,664	9 442,603	9,408	8,940
74	69 262	780,102	6 259,212	8,024	7,555	74	82 505	929,264	8 438,939	9,081	8,613
75	66 916	709,347	5 479,110	7,724	7,256	75	80 970	858,328	7 509,675	8,749	8,281
76	64 411	642,627	4 769,763	7,422	6,954	76	79 232	790,503	6 651,348	8,414	7,946
77	61 730	579,654	4 127,136	7,120	6,652	77	77 292	725,780	5 860,844	8,075	7,607
78	58 844	520,054	3 547,482	6,821	6,353	78	75 149	664,150	5 135,064	7,732	7,263
79	55 736	463,609	3 027,427	6,530	6,062	79	72 739	605,037	4 470,915	7,389	6,921
80	52 456	410,658	2 563,818	6,243	5,775	80	70 098	548,772	3 865,878	7,045	6,576
81	49 044	361,359	2 153,160	5,959	5,490	81	67 171	494,920	3 317,106	6,702	6,234
82	45 471	315,325	1 791,802	5,682	5,214	82	63 974	443,639	2 822,186	6,361	5,893
83	41 818	272,937	1 476,477	5,410	4,941	83	60 446	394,517	2 378,547	6,029	5,561
84	38 142	234,301	1 203,540	5,137	4,668	84	56 655	348,025	1 984,030	5,701	5,232
85	34 397	198,865	969,240	4,874	4,405	85	52 558	303,866	1 636,005	5,384	4,916
86	30 660	166,834	770,374	4,618	4,149	86	48 209	262,324	1 332,139	5,078	4,610
87	26 953	138,035	603,540	4,372	3,904	87	43 667	223,630	1 069,815	4,784	4,315
88	23 308	112,345	465,505	4,144	3,675	88	38 938	187,683	846,185	4,509	4,040
89	19 851	90,054	353,161	3,922	3,453	89	34 176	155,042	658,502	4,247	3,779
90	16 530	70,580	263,106	3,728	3,259	90	29 340	125,271	503,460	4,019	3,551
91	13 621	54,737	192,526	3,517	3,049	91	24 798	99,652	378,189	3,795	3,327
92	10 899	41,223	137,789	3,343	2,874	92	20 392	77,124	278,538	3,612	3,143
93	8 541	30,404	96,566	3,176	2,708	93	16 533	58,852	201,413	3,422	2,954
94	6 537	21,901	66,162	3,021	2,553	94	13 107	43,911	142,561	3,247	2,778
95	4 880	15,386	44,261	2,877	2,408	95	10 146	31,992	98,650	3,084	2,615
96	3 548	10,529	28,875	2,742	2,274	96	7 660	22,732	66,658	2,932	2,464
97	2 509	7,008	18,346	2,618	2,149	97	5 632	15,731	43,926	2,792	2,324
98	1 724	4,532	11,338	2,502	2,034	98	4 028	10,590	28,195	2,662	2,194
99	1 149	2,843	6,806	2,394	1,926	99	2 799	6,925	17,605	2,542	2,074
100	742	1,727	3,964	2,295	1,826	100	1 887	4,394	10,680	2,431	1,962

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 6,5%

x	l_x	D_x	N_x	$ä_x$	$^{(12)}ä_x$	y	l_y	D_y	N_y	$ä_y$	$^{(12)}ä_y$
			Männer						Frauen		
0	100 000	100 000,000	1 611 363,949	16,114	15,645	0	100 000	100 000,000	1 618 931,181	16,189	15,721
1	99 613	93 533,538	1 511 363,949	16,159	15,690	1	99 685	93 600,687	1 518 931,181	16,228	15,759
2	99 581	87 796,181	1 417 830,410	16,149	15,680	2	99 658	87 864,769	1 425 330,495	16,222	15,753
3	99 562	82 422,169	1 330 034,229	16,137	15,668	3	99 644	82 489,843	1 337 465,725	16,214	15,745
4	99 548	77 380,946	1 247 612,060	16,123	15,654	4	99 632	77 446,597	1 254 975,882	16,204	15,736
5	99 535	72 648,517	1 170 231,114	16,108	15,639	5	99 621	72 711,143	1 177 529,285	16,195	15,726
6	99 524	68 207,200	1 097 582,598	16,092	15,623	6	99 610	68 266,473	1 104 818,142	16,184	15,715
7	99 513	64 037,552	1 029 375,398	16,075	15,606	7	99 602	64 094,392	1 036 551,669	16,172	15,704
8	99 505	60 124,203	965 337,846	16,056	15,587	8	99 593	60 177,363	972 457,277	16,160	15,691
9	99 497	56 449,948	905 213,643	16,036	15,567	9	99 586	56 500,404	912 279,915	16,146	15,678
10	99 489	53 000,483	848 763,695	16,014	15,546	10	99 579	53 048,363	855 779,510	16,132	15,663
11	99 480	49 761,265	795 763,211	15,992	15,523	11	99 572	49 807,135	802 731,147	16,117	15,648
12	99 472	46 720,182	746 001,946	15,967	15,499	12	99 564	46 763,523	752 924,012	16,101	15,632
13	99 461	43 863,834	699 281,764	15,942	15,473	13	99 556	43 905,876	706 160,490	16,084	15,615
14	99 450	41 182,131	655 417,930	15,915	15,446	14	99 547	41 222,482	662 254,613	16,065	15,597
15	99 435	38 662,864	614 235,799	15,887	15,418	15	99 536	38 702,361	621 032,131	16,046	15,578
16	99 417	36 296,696	575 572,935	15,857	15,389	16	99 524	36 335,673	582 329,771	16,026	15,558
17	99 391	34 072,554	539 276,239	15,827	15,359	17	99 508	34 112,753	545 994,097	16,006	15,537
18	99 358	31 982,169	505 203,685	15,796	15,328	18	99 493	32 025,614	511 881,344	15,983	15,515
19	99 310	30 015,747	473 221,516	15,766	15,297	19	99 470	30 064,131	479 855,730	15,961	15,492
20	99 261	28 170,027	443 205,769	15,733	15,264	20	99 449	28 223,400	449 791,599	15,937	15,468
21	99 208	26 436,502	415 035,742	15,699	15,231	21	99 427	26 494,962	421 568,198	15,911	15,443
22	99 154	24 809,592	388 599,240	15,663	15,195	22	99 406	24 872,692	395 073,236	15,884	15,415
23	99 101	23 283,013	363 789,647	15,625	15,156	23	99 384	23 349,402	370 200,544	15,855	15,386
24	99 050	21 850,555	340 506,634	15,583	15,115	24	99 361	21 919,309	346 851,142	15,824	15,355
25	98 994	20 505,473	318 656,079	15,540	15,071	25	99 341	20 577,351	324 931,833	15,791	15,322
26	98 940	19 243,387	298 150,606	15,494	15,025	26	99 319	19 317,206	304 354,482	15,756	15,287
27	98 882	18 058,409	278 907,219	15,445	14,976	27	99 296	18 133,929	285 037,276	15,718	15,250
28	98 820	16 945,520	260 848,810	15,393	14,925	28	99 269	17 022,589	266 903,348	15,679	15,211
29	98 760	15 901,725	243 903,290	15,338	14,869	29	99 244	15 979,610	249 880,759	15,637	15,169
30	98 695	14 921,379	228 001,565	15,280	14,811	30	99 216	15 000,023	233 901,149	15,593	15,125
31	98 632	14 001,719	213 080,186	15,218	14,749	31	99 188	14 080,542	218 901,126	15,546	15,078
32	98 562	13 137,770	199 078,467	15,153	14,684	32	99 158	13 217,174	204 820,584	15,497	15,028
33	98 489	12 326,866	185 940,697	15,084	14,615	33	99 122	12 406,092	191 603,410	15,444	14,976
34	98 414	11 565,687	173 613,830	15,011	14,542	34	99 086	11 644,654	179 197,318	15,389	14,920
35	98 336	10 851,186	162 048,143	14,934	14,465	35	99 044	10 929,303	167 552,664	15,331	14,862
36	98 254	10 180,349	151 196,957	14,852	14,383	36	99 005	10 258,174	156 623,361	15,268	14,799
37	98 167	9 550,593	141 016,608	14,765	14,296	37	98 958	9 627,511	146 365,187	15,203	14,734
38	98 074	8 959,184	131 466,015	14,674	14,205	38	98 905	9 035,092	136 737,676	15,134	14,665
39	97 966	8 403,132	122 506,831	14,579	14,110	39	98 850	8 478,932	127 702,584	15,061	14,592
40	97 854	7 881,207	114 103,699	14,478	14,009	40	98 784	7 956,171	119 223,652	14,985	14,516
41	97 728	7 390,701	106 222,492	14,372	13,904	41	98 715	7 465,307	111 267,481	14,905	14,436
42	97 594	6 930,121	98 831,791	14,261	13,792	42	98 636	7 004,060	103 802,173	14,820	14,352
43	97 445	6 497,204	91 901,669	14,145	13,676	43	98 548	6 570,729	96 798,113	14,732	14,263
44	97 271	6 089,783	85 404,465	14,024	13,555	44	98 447	6 163,381	90 227,385	14,639	14,171
45	97 078	5 706,730	79 314,683	13,898	13,430	45	98 336	5 780,712	84 064,004	14,542	14,073
46	96 863	5 346,563	73 607,953	13,767	13,299	46	98 211	5 421,009	78 283,292	14,441	13,972
47	96 623	5 007,829	68 261,390	13,631	13,162	47	98 073	5 082,977	72 862,283	14,335	13,866
48	96 344	4 688,613	63 253,560	13,491	13,022	48	97 913	4 764,944	67 779,305	14,225	13,756
49	96 035	4 388,334	58 564,947	13,346	12,877	49	97 740	4 466,214	63 014,361	14,109	13,640

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 6,5%

x	l_x	D_x	N_x	$ä_x$	$\overset{(12)}{ä}_x$	y	l_y	D_y	N_y	$ä_y$	$\overset{(12)}{ä}_y$
			Männer						Frauen		
50	95 691	4 105,734	54 176,613	13,195	12,727	50	97 538	4 184,999	58 548,147	13,990	13,521
51	95 308	3 839,726	50 070,879	13,040	12,571	51	97 324	3 920,920	54 363,148	13,865	13,396
52	94 857	3 588,319	46 231,153	12,884	12,415	52	97 085	3 672,607	50 442,228	13,735	13,266
53	94 382	3 352,447	42 642,834	12,720	12,251	53	96 819	3 438,990	46 769,621	13,600	13,131
54	93 861	3 130,462	39 290,387	12,551	12,082	54	96 528	3 219,390	43 330,632	13,459	12,991
55	93 280	2 921,198	36 159,924	12,378	11,910	55	96 220	3 013,255	40 111,242	13,312	12,843
56	92 649	2 724,350	33 238,726	12,201	11,732	56	95 879	2 819,322	37 097,987	13,158	12,690
57	91 974	2 539,429	30 514,376	12,016	11,547	57	95 517	2 637,265	34 278,665	12,998	12,529
58	91 234	2 365,257	27 974,948	11,827	11,359	58	95 135	2 466,408	31 641,400	12,829	12,360
59	90 431	2 201,367	25 609,691	11,634	11,165	59	94 716	2 305,658	29 174,992	12,654	12,185
60	89 568	2 047,286	23 408,323	11,434	10,965	60	94 268	2 154,714	26 869,334	12,470	12,001
61	88 638	1 902,358	21 361,037	11,229	10,760	61	93 760	2 012,302	24 714,620	12,282	11,813
62	87 648	1 766,308	19 458,679	11,017	10,548	62	93 222	1 878,627	22 702,317	12,085	11,616
63	86 597	1 638,622	17 692,372	10,797	10,328	63	92 634	1 752,843	20 823,690	11,880	11,411
64	85 502	1 519,159	16 053,750	10,568	10,099	64	92 009	1 634,772	19 070,848	11,666	11,197
65	84 297	1 406,333	14 534,591	10,335	9,866	65	91 333	1 523,716	17 436,075	11,443	10,974
66	83 028	1 300,615	13 128,258	10,094	9,625	66	90 620	1 419,545	15 912,359	11,209	10,741
67	81 654	1 201,034	11 827,643	9,848	9,379	67	89 845	1 321,505	14 492,814	10,967	10,498
68	80 194	1 107,568	10 626,609	9,595	9,126	68	89 024	1 229,517	13 171,309	10,713	10,244
69	78 659	1 020,056	9 519,041	9,332	8,863	69	88 160	1 143,266	11 941,792	10,445	9,977
70	77 011	937,740	8 498,985	9,063	8,595	70	87 223	1 062,087	10 798,526	10,167	9,699
71	75 258	860,460	7 561,245	8,787	8,319	71	86 211	985,692	9 736,439	9,878	9,409
72	73 382	787,803	6 700,785	8,506	8,037	72	85 101	913,614	8 750,747	9,578	9,109
73	71 393	719,668	5 912,982	8,216	7,748	73	83 869	845,434	7 837,133	9,270	8,801
74	69 262	655,574	5 193,314	7,922	7,453	74	82 505	780,926	6 991,700	8,953	8,484
75	66 916	594,715	4 537,740	7,630	7,161	75	80 970	719,619	6 210,774	8,631	8,162
76	64 411	537,512	3 943,025	7,336	6,867	76	79 232	661,200	5 491,155	8,305	7,836
77	61 730	483,701	3 405,513	7,041	6,572	77	77 292	605,639	4 829,955	7,975	7,506
78	58 844	432,949	2 921,812	6,749	6,280	78	75 149	552,909	4 224,316	7,640	7,171
79	55 736	385,052	2 488,863	6,464	5,995	79	72 739	502,515	3 671,407	7,306	6,837
80	52 456	340,272	2 103,811	6,183	5,714	80	70 098	454,714	3 168,892	6,969	6,500
81	49 044	298,720	1 763,539	5,904	5,435	81	67 171	409,129	2 714,178	6,634	6,165
82	45 471	260,054	1 464,819	5,633	5,164	82	63 974	365,877	2 305,049	6,300	5,831
83	41 818	224,567	1 204,765	5,365	4,896	83	60 446	324,602	1 939,172	5,974	5,505
84	38 142	192,326	980,198	5,097	4,628	84	56 655	285,676	1 614,571	5,652	5,183
85	34 397	162,855	787,872	4,838	4,369	85	52 558	248,843	1 328,894	5,340	4,872
86	30 660	136,304	625,017	4,585	4,117	86	48 209	214,319	1 080,052	5,039	4,571
87	26 953	112,510	488,713	4,344	3,875	87	43 667	182,277	865,733	4,750	4,281
88	23 308	91,355	376,203	4,118	3,649	88	38 938	152,618	683,455	4,478	4,009
89	19 851	73,058	284,848	3,899	3,430	89	34 176	125,779	530,837	4,220	3,752
90	16 530	57,124	211,790	3,708	3,239	90	29 340	101,389	405,058	3,995	3,526
91	13 621	44,198	154,666	3,499	3,031	91	24 798	80,464	303,669	3,774	3,305
92	10 899	33,208	110,468	3,327	2,858	92	20 392	62,128	223,205	3,593	3,124
93	8 541	24,435	77,261	3,162	2,693	93	16 533	47,298	161,076	3,406	2,937
94	6 537	17,560	52,826	3,008	2,540	94	13 107	35,207	113,779	3,232	2,763
95	4 880	12,307	35,266	2,865	2,397	95	10 146	25,591	78,572	3,070	2,602
96	3 548	8,402	22,959	2,732	2,264	96	7 660	18,141	52,981	2,921	2,452
97	2 509	5,580	14,556	2,609	2,140	97	5 632	12,525	34,841	2,782	2,313
98	1 724	3,599	8,977	2,494	2,025	98	4 028	8,411	22,316	2,653	2,184
99	1 149	2,252	5,377	2,387	1,919	99	2 799	5,487	13,905	2,534	2,065
100	742	1,366	3,125	2,288	1,819	100	1 887	3,473	8,417	2,423	1,955

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 6,75%

x	l_x	D_x	N_x	$ä_x$	$^{(12)}ä_x$	y	l_y	D_y	N_y	$ä_y$	$^{(12)}ä_y$
			Männer						Frauen		
0	100 000	100 000,000	1 557 755,925	15,578	15,108	0	100 000	100 000,000	1 564 465,279	15,645	15,176
1	99 613	93 314,490	1 457 755,925	15,622	15,153	1	99 685	93 381,481	1 464 465,279	15,683	15,213
2	99 581	87 385,439	1 364 441,435	15,614	15,145	2	99 658	87 453,707	1 371 083,797	15,678	15,209
3	99 562	81 844,446	1 277 055,995	15,603	15,134	3	99 644	81 911,645	1 283 630,091	15,671	15,202
4	99 548	76 658,608	1 195 211,550	15,591	15,122	4	99 632	76 723,647	1 201 718,445	15,663	15,194
5	99 535	71 801,806	1 118 552,941	15,578	15,109	5	99 621	71 863,703	1 124 994,799	15,655	15,185
6	99 524	67 254,379	1 046 751,135	15,564	15,095	6	99 610	67 312,824	1 053 131,096	15,645	15,176
7	99 513	62 995,103	979 496,756	15,549	15,080	7	99 602	63 051,018	985 818,272	15,635	15,166
8	99 505	59 006,944	916 501,653	15,532	15,063	8	99 593	59 059,116	922 767,254	15,624	15,155
9	99 497	55 271,222	857 494,709	15,514	15,045	9	99 586	55 320,624	863 708,138	15,613	15,144
10	99 489	51 772,254	802 223,487	15,495	15,026	10	99 579	51 819,024	808 387,514	15,600	15,131
11	99 480	48 494,264	750 451,233	15,475	15,006	11	99 572	48 538,966	756 568,490	15,587	15,118
12	99 472	45 423,984	701 956,969	15,453	14,984	12	99 564	45 466,121	708 029,523	15,573	15,104
13	99 461	42 547,006	656 532,985	15,431	14,962	13	99 556	42 587,786	662 563,402	15,558	15,088
14	99 450	39 852,260	613 985,979	15,407	14,937	14	99 547	39 891,308	619 975,616	15,542	15,072
15	99 435	37 326,725	574 133,719	15,381	14,912	15	99 536	37 364,856	580 084,308	15,525	15,056
16	99 417	34 960,262	536 806,995	15,355	14,886	16	99 524	34 997,804	542 719,452	15,507	15,038
17	99 391	32 741,155	501 846,733	15,328	14,859	17	99 508	32 779,784	507 721,647	15,489	15,020
18	99 358	30 660,480	469 105,578	15,300	14,831	18	99 493	30 702,130	474 941,864	15,469	15,000
19	99 310	28 707,932	438 445,098	15,273	14,803	19	99 470	28 754,208	444 239,734	15,450	14,980
20	99 261	26 879,535	409 737,166	15,243	14,774	20	99 449	26 930,463	415 485,526	15,428	14,959
21	99 208	25 166,348	382 857,631	15,213	14,744	21	99 427	25 222,000	388 555,063	15,405	14,936
22	99 154	23 562,293	357 691,283	15,181	14,712	22	99 406	23 622,221	363 333,063	15,381	14,912
23	99 101	22 060,677	334 128,990	15,146	14,677	23	99 384	22 123,580	339 710,842	15,355	14,886
24	99 050	20 654,936	312 068,312	15,109	14,640	24	99 361	20 719,928	317 587,262	15,328	14,858
25	98 994	19 338,059	291 413,377	15,069	14,600	25	99 341	19 405,845	296 867,334	15,298	14,829
26	98 940	18 105,326	272 075,317	15,027	14,558	26	99 319	18 174,779	277 461,489	15,266	14,797
27	98 882	16 950,638	253 969,992	14,983	14,514	27	99 296	17 021,524	259 286,710	15,233	14,764
28	98 820	15 868,767	237 019,354	14,936	14,467	28	99 269	15 940,938	242 265,186	15,198	14,729
29	98 760	14 856,423	221 150,587	14,886	14,417	29	99 244	14 929,187	226 324,248	15,160	14,691
30	98 695	13 907,872	206 294,165	14,833	14,364	30	99 216	13 981,174	211 395,060	15,120	14,651
31	98 632	13 020,115	192 386,293	14,776	14,307	31	99 188	13 093,412	197 413,886	15,077	14,608
32	98 562	12 188,123	179 366,178	14,716	14,247	32	99 158	12 261,787	184 320,474	15,032	14,563
33	98 489	11 409,053	167 178,055	14,653	14,184	33	99 122	11 482,380	172 058,687	14,985	14,515
34	98 414	10 679,479	155 769,003	14,586	14,117	34	99 086	10 752,395	160 576,308	14,934	14,465
35	98 336	9 996,261	145 089,524	14,514	14,045	35	99 044	10 068,222	149 823,913	14,881	14,412
36	98 254	9 356,313	135 093,263	14,439	13,970	36	99 005	9 427,839	139 755,690	14,824	14,355
37	98 167	8 756,975	125 736,951	14,358	13,889	37	98 958	8 827,502	130 327,852	14,764	14,295
38	98 074	8 195,472	116 979,975	14,274	13,805	38	98 905	8 264,909	121 500,350	14,701	14,232
39	97 966	7 668,818	108 784,504	14,185	13,716	39	98 850	7 737,994	113 235,440	14,634	14,165
40	97 854	7 175,658	101 115,686	14,091	13,622	40	98 784	7 243,911	105 497,447	14,564	14,094
41	97 728	6 713,304	93 940,028	13,993	13,524	41	98 715	6 781,072	98 253,536	14,489	14,020
42	97 594	6 280,197	87 226,724	13,889	13,420	42	98 636	6 347,201	91 472,464	14,411	13,942
43	97 445	5 874,091	80 946,527	13,780	13,311	43	98 548	5 940,564	85 125,262	14,329	13,860
44	97 271	5 492,849	75 072,436	13,667	13,198	44	98 447	5 559,233	79 184,699	14,244	13,775
45	97 078	5 135,289	69 579,587	13,549	13,080	45	98 336	5 201,863	73 625,466	14,154	13,685
46	96 863	4 799,920	64 444,298	13,426	12,957	46	98 211	4 866,755	68 423,603	14,059	13,590
47	96 623	4 485,290	59 644,378	13,298	12,829	47	98 073	4 552,597	63 556,848	13,961	13,491
48	96 344	4 189,548	55 159,088	13,166	12,697	48	97 913	4 257,754	59 004,251	13,858	13,389
49	96 035	3 912,048	50 969,540	13,029	12,560	49	97 740	3 981,475	54 746,497	13,750	13,281

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 6,75%

x	l_x	D_x	N_x	$ä_x$	$ä_x^{(12)}$	y	l_y	D_y	N_y	$ä_y$	$ä_y^{(12)}$
			Männer						Frauen		
50	95 691	3 651,548	47 057,492	12,887	12,418	50	97 538	3 722,045	50 765,022	13,639	13,170
51	95 308	3 406,969	43 405,944	12,740	12,271	51	97 324	3 479,012	47 042,977	13,522	13,053
52	94 857	3 176,441	39 998,975	12,592	12,123	52	97 085	3 251,053	43 563,965	13,400	12,931
53	94 382	2 960,693	36 822,535	12,437	11,968	53	96 819	3 037,122	40 312,912	13,273	12,804
54	93 861	2 758,174	33 861,842	12,277	11,808	54	96 528	2 836,525	37 275,790	13,141	12,672
55	93 280	2 567,768	31 103,669	12,113	11,644	55	96 220	2 648,687	34 439,265	13,002	12,533
56	92 649	2 389,128	28 535,900	11,944	11,475	56	95 879	2 472,414	31 790,578	12,858	12,389
57	91 974	2 221,745	26 146,772	11,769	11,299	57	95 517	2 307,342	29 318,163	12,706	12,237
58	91 234	2 064,516	23 925,027	11,589	11,120	58	95 135	2 152,806	27 010,821	12,547	12,078
59	90 431	1 916,965	21 860,511	11,404	10,935	59	94 716	2 007,782	24 858,015	12,381	11,912
60	89 568	1 778,615	19 943,545	11,213	10,744	60	94 268	1 871,945	22 850,232	12,207	11,738
61	88 638	1 648,836	18 164,930	11,017	10,548	61	93 760	1 744,128	20 978,287	12,028	11,559
62	87 648	1 527,331	16 516,094	10,814	10,345	62	93 222	1 624,454	19 234,159	11,840	11,371
63	86 597	1 413,603	14 988,763	10,603	10,134	63	92 634	1 512,138	17 609,705	11,646	11,176
64	85 502	1 307,475	13 575,161	10,383	9,914	64	92 009	1 406,979	16 097,566	11,441	10,972
65	84 297	1 207,536	12 267,685	10,159	9,690	65	91 333	1 308,326	14 690,588	11,229	10,759
66	83 028	1 114,147	11 060,149	9,927	9,458	66	90 620	1 216,027	13 382,261	11,005	10,536
67	81 654	1 026,434	9 946,002	9,690	9,221	67	89 845	1 129,391	12 166,235	10,772	10,303
68	80 194	944,338	8 919,568	9,445	8,976	68	89 024	1 048,315	11 036,844	10,528	10,059
69	78 659	867,687	7 975,230	9,191	8,722	69	88 160	972,492	9 988,529	10,271	9,802
70	77 011	795,799	7 107,543	8,931	8,462	70	87 223	901,324	9 016,036	10,003	9,534
71	75 258	728,506	6 311,744	8,664	8,195	71	86 211	834,533	8 114,713	9,724	9,255
72	73 382	665,429	5 583,239	8,390	7,921	72	85 101	771,697	7 280,180	9,434	8,965
73	71 393	606,454	4 917,810	8,109	7,640	73	83 869	712,435	6 508,483	9,136	8,666
74	69 262	551,149	4 311,355	7,822	7,353	74	82 505	656,534	5 796,047	8,828	8,359
75	66 916	498,813	3 760,206	7,538	7,069	75	80 970	603,576	5 139,513	8,515	8,046
76	64 411	449,779	3 261,392	7,251	6,782	76	79 232	553,278	4 535,937	8,198	7,729
77	61 730	403,803	2 811,613	6,963	6,494	77	77 292	505,599	3 982,658	7,877	7,408
78	58 844	360,588	2 407,810	6,677	6,208	78	75 149	460,498	3 477,059	7,551	7,082
79	55 736	319,945	2 047,222	6,399	5,930	79	72 739	417,547	3 016,561	7,224	6,755
80	52 456	282,075	1 727,277	6,123	5,654	80	70 098	376,944	2 599,014	6,895	6,426
81	49 044	247,049	1 445,202	5,850	5,381	81	67 171	338,361	2 222,071	6,567	6,098
82	45 471	214,568	1 198,153	5,584	5,115	82	63 974	301,881	1 883,710	6,240	5,771
83	41 818	184,854	983,585	5,321	4,852	83	60 446	267,198	1 581,828	5,920	5,451
84	38 142	157,944	798,731	5,057	4,588	84	56 655	234,606	1 314,630	5,604	5,134
85	34 397	133,428	640,787	4,802	4,333	85	52 558	203,878	1 080,024	5,297	4,828
86	30 660	111,413	507,359	4,554	4,085	86	48 209	175,182	876,146	5,001	4,532
87	26 953	91,749	395,945	4,316	3,846	87	43 667	148,642	700,964	4,716	4,247
88	23 308	74,323	304,197	4,093	3,624	88	38 938	124,165	552,321	4,448	3,979
89	19 851	59,298	229,873	3,877	3,407	89	34 176	102,090	428,157	4,194	3,725
90	16 530	46,257	170,575	3,688	3,218	90	29 340	82,101	326,067	3,972	3,502
91	13 621	35,706	124,319	3,482	3,013	91	24 798	65,004	243,967	3,753	3,284
92	10 899	26,764	88,613	3,311	2,842	92	20 392	50,074	178,963	3,574	3,105
93	8 541	19,648	61,848	3,148	2,679	93	16 533	38,031	128,889	3,389	2,920
94	6 537	14,086	42,201	2,996	2,527	94	13 107	28,243	90,858	3,217	2,748
95	4 880	9,850	28,114	2,854	2,385	95	10 146	20,481	62,615	3,057	2,588
96	3 548	6,709	18,265	2,723	2,253	96	7 660	14,484	42,134	2,909	2,440
97	2 509	4,445	11,556	2,600	2,131	97	5 632	9,977	27,650	2,771	2,302
98	1 724	2,860	7,111	2,486	2,017	98	4 028	6,684	17,673	2,644	2,175
99	1 149	1,786	4,251	2,380	1,911	99	2 799	4,351	10,989	2,526	2,057
100	742	1,080	2,465	2,282	1,813	100	1 887	2,747	6,638	2,416	1,947

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 7%

x	l_x	D_x	N_x	$ä_x$	$^{(12)}ä_x$	y	l_y	D_y	N_y	$ä_y$	$^{(12)}ä_y$
			Männer						Frauen		
0	100 000	100 000,000	1 507 651,259	15,077	14,607	0	100 000	100 000,000	1 513 622,359	15,136	14,667
1	99 613	93 096,466	1 407 651,259	15,120	14,651	1	99 685	93 163,300	1 413 622,359	15,174	14,704
2	99 581	86 977,573	1 314 554,793	15,114	14,644	2	99 658	87 045,522	1 320 459,058	15,170	14,700
3	99 562	81 272,109	1 227 577,220	15,105	14,635	3	99 644	81 338,839	1 233 413,536	15,164	14,694
4	99 548	75 944,680	1 146 305,111	15,094	14,624	4	99 632	76 009,112	1 152 074,698	15,157	14,688
5	99 535	70 966,911	1 070 360,432	15,083	14,613	5	99 621	71 028,088	1 076 065,585	15,150	14,680
6	99 524	66 317,050	999 393,521	15,070	14,600	6	99 610	66 374,681	1 005 037,498	15,142	14,672
7	99 513	61 972,003	933 076,471	15,056	14,587	7	99 602	62 027,010	938 662,817	15,133	14,664
8	99 505	57 912,988	871 104,467	15,042	14,572	8	99 593	57 964,192	876 635,808	15,124	14,654
9	99 497	54 119,779	813 191,479	15,026	14,556	9	99 586	54 168,153	818 671,615	15,114	14,644
10	99 489	50 575,261	759 071,700	15,009	14,539	10	99 579	50 620,950	764 503,462	15,103	14,633
11	99 480	47 262,375	708 496,439	14,991	14,521	11	99 572	47 305,941	713 882,512	15,091	14,621
12	99 472	44 166,653	661 234,064	14,971	14,502	12	99 564	44 207,625	666 576,571	15,078	14,609
13	99 461	41 272,653	617 067,411	14,951	14,481	13	99 556	41 312,211	622 368,946	15,065	14,595
14	99 450	38 568,295	575 794,758	14,929	14,460	14	99 547	38 606,085	581 056,735	15,051	14,581
15	99 435	36 039,725	537 226,463	14,907	14,437	15	99 536	36 076,542	542 450,650	15,036	14,567
16	99 417	33 675,990	501 186,738	14,883	14,413	16	99 524	33 712,153	506 374,108	15,021	14,551
17	99 391	31 464,714	467 510,748	14,858	14,389	17	99 508	31 501,837	472 661,955	15,004	14,535
18	99 358	29 396,313	436 046,034	14,833	14,364	18	99 493	29 436,245	441 160,117	14,987	14,517
19	99 310	27 459,962	406 649,721	14,809	14,339	19	99 470	27 504,226	411 723,872	14,969	14,500
20	99 261	25 650,974	379 189,759	14,783	14,313	20	99 449	25 699,575	384 219,646	14,950	14,481
21	99 208	23 959,979	353 538,785	14,755	14,286	21	99 427	24 012,962	358 520,071	14,930	14,461
22	99 154	22 380,402	329 578,806	14,726	14,257	22	99 406	22 437,324	334 507,109	14,909	14,439
23	99 101	20 905,149	307 198,404	14,695	14,225	23	99 384	20 964,758	312 069,785	14,885	14,416
24	99 050	19 527,309	286 293,254	14,661	14,192	24	99 361	19 588,753	291 105,027	14,861	14,391
25	98 994	18 239,609	266 765,945	14,626	14,156	25	99 341	18 303,545	271 516,274	14,834	14,365
26	98 940	17 036,999	248 526,336	14,587	14,118	26	99 319	17 102,354	253 212,729	14,806	14,336
27	98 882	15 913,177	231 489,337	14,547	14,078	27	99 296	15 979,726	236 110,376	14,776	14,306
28	98 820	14 862,715	215 576,160	14,504	14,035	28	99 269	14 930,311	220 130,650	14,744	14,274
29	98 760	13 882,041	200 713,445	14,458	13,989	29	99 244	13 950,033	205 200,339	14,710	14,240
30	98 695	12 965,338	186 831,404	14,410	13,941	30	99 216	13 033,673	191 250,306	14,674	14,204
31	98 632	12 109,385	173 866,065	14,358	13,888	31	99 188	12 177,556	178 216,633	14,635	14,165
32	98 562	11 309,105	161 756,680	14,303	13,834	32	99 158	11 377,456	166 039,077	14,594	14,124
33	98 489	10 561,487	150 447,575	14,245	13,775	33	99 122	10 629,367	154 661,621	14,550	14,081
34	98 414	9 863,014	139 886,088	14,183	13,713	34	99 086	9 930,356	144 032,254	14,504	14,035
35	98 336	9 210,459	130 023,074	14,117	13,647	35	99 044	9 276,764	134 101,899	14,456	13,986
36	98 254	8 600,675	120 812,615	14,047	13,577	36	99 005	8 666,424	124 825,135	14,403	13,934
37	98 167	8 030,934	112 211,940	13,972	13,503	37	98 958	8 095,613	116 158,710	14,348	13,879
38	98 074	7 498,424	104 181,006	13,894	13,424	38	98 905	7 561,956	108 063,097	14,290	13,821
39	97 966	7 000,170	96 682,582	13,811	13,342	39	98 850	7 063,314	100 501,141	14,229	13,759
40	97 854	6 534,704	89 682,412	13,724	13,255	40	98 784	6 596,861	93 437,828	14,164	13,694
41	97 728	6 099,366	83 147,708	13,632	13,163	41	98 715	6 160,936	86 840,967	14,095	13,626
42	97 594	5 692,535	77 048,342	13,535	13,065	42	98 636	5 753,270	80 680,030	14,023	13,554
43	97 445	5 311,990	71 355,807	13,433	12,963	43	98 548	5 372,102	74 926,761	13,947	13,478
44	97 271	4 955,624	66 043,818	13,327	12,858	44	98 447	5 015,515	69 554,659	13,868	13,398
45	97 078	4 622,210	61 088,194	13,216	12,747	45	98 336	4 682,132	64 539,144	13,784	13,315
46	96 863	4 310,254	56 465,984	13,100	12,631	46	98 211	4 370,271	59 857,012	13,696	13,227
47	96 623	4 018,311	52 155,730	12,980	12,510	47	98 073	4 078,610	55 486,741	13,604	13,135
48	96 344	3 744,590	48 137,419	12,855	12,386	48	97 913	3 805,552	51 408,131	13,509	13,039
49	96 035	3 488,393	44 392,829	12,726	12,256	49	97 740	3 550,301	47 602,579	13,408	12,939

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 7%

x	l_x	D_x	N_x	$ä_x$	$ä_x^{(12)}$	y	l_y	D_y	N_y	$ä_y$	$ä_y^{(12)}$
			Männer						Frauen		
50	95 691	3 248,496	40 904,437	12,592	12,122	50	97 538	3 311,211	44 052,278	13,304	12,834
51	95 308	3 023,831	37 655,941	12,453	11,984	51	97 324	3 087,773	40 741,067	13,194	12,725
52	94 857	2 812,641	34 632,109	12,313	11,844	52	97 085	2 878,708	37 653,294	13,080	12,610
53	94 382	2 615,477	31 819,469	12,166	11,696	53	96 819	2 682,995	34 774,586	12,961	12,492
54	93 861	2 430,879	29 203,992	12,014	11,544	54	96 528	2 499,933	32 091,591	12,837	12,367
55	93 280	2 257,780	26 773,113	11,858	11,389	55	96 220	2 328,930	29 591,658	12,706	12,237
56	92 649	2 095,798	24 515,333	11,697	11,228	56	95 879	2 168,858	27 262,728	12,570	12,101
57	91 974	1 944,412	22 419,535	11,530	11,061	57	95 517	2 019,324	25 093,869	12,427	11,957
58	91 234	1 802,588	20 475,123	11,359	10,889	58	95 135	1 879,677	23 074,545	12,276	11,806
59	90 431	1 669,846	18 672,535	11,182	10,713	59	94 716	1 748,956	21 194,869	12,119	11,649
60	89 568	1 545,711	17 002,688	11,000	10,530	60	94 268	1 626,820	19 445,913	11,953	11,484
61	88 638	1 429,578	15 456,977	10,812	10,343	61	93 760	1 512,199	17 819,093	11,784	11,314
62	87 648	1 321,137	14 027,399	10,618	10,148	62	93 222	1 405,148	16 306,894	11,605	11,136
63	86 597	1 219,905	12 706,263	10,416	9,946	63	92 634	1 304,939	14 901,746	11,419	10,950
64	85 502	1 125,683	11 486,358	10,204	9,734	64	92 009	1 211,352	13 596,807	11,224	10,755
65	84 297	1 037,211	10 360,674	9,989	9,519	65	91 333	1 123,784	12 385,455	11,021	10,552
66	83 028	954,759	9 323,463	9,765	9,296	66	90 620	1 042,063	11 261,671	10,807	10,338
67	81 654	877,538	8 368,704	9,537	9,067	67	89 845	965,560	10 219,608	10,584	10,115
68	80 194	805,465	7 491,166	9,300	8,831	68	89 024	894,152	9 254,048	10,350	9,880
69	78 659	738,357	6 685,701	9,055	8,585	69	88 160	827,541	8 359,896	10,102	9,633
70	77 011	675,602	5 947,344	8,803	8,334	70	87 223	765,188	7 532,355	9,844	9,374
71	75 258	617,027	5 271,743	8,544	8,074	71	86 211	706,830	6 767,167	9,574	9,104
72	73 382	562,286	4 654,715	8,278	7,809	72	85 101	652,082	6 060,337	9,294	8,824
73	71 393	511,255	4 092,429	8,005	7,535	73	83 869	600,600	5 408,254	9,005	8,535
74	69 262	463,546	3 581,174	7,726	7,256	74	82 505	552,181	4 807,655	8,707	8,237
75	66 916	418,549	3 117,627	7,449	6,979	75	80 970	506,454	4 255,474	8,402	7,933
76	64 411	376,523	2 699,079	7,168	6,699	76	79 232	463,165	3 749,020	8,094	7,625
77	61 730	337,246	2 322,556	6,887	6,417	77	77 292	422,263	3 285,855	7,782	7,312
78	58 844	300,449	1 985,310	6,608	6,138	78	75 149	383,697	2 863,592	7,463	6,994
79	55 736	265,962	1 684,861	6,335	5,865	79	72 739	347,096	2 479,895	7,145	6,675
80	52 456	233,934	1 418,899	6,065	5,596	80	70 098	312,611	2 132,799	6,823	6,353
81	49 044	204,407	1 184,965	5,797	5,328	81	67 171	279,958	1 820,188	6,502	6,032
82	45 471	177,117	980,558	5,536	5,067	82	63 974	249,191	1 540,230	6,181	5,711
83	41 818	152,234	803,440	5,278	4,808	83	60 446	220,047	1 291,039	5,867	5,398
84	38 142	129,768	651,207	5,018	4,549	84	56 655	192,754	1 070,992	5,556	5,087
85	34 397	109,370	521,439	4,768	4,298	85	52 558	167,117	878,238	5,255	4,786
86	30 660	91,111	412,069	4,523	4,053	86	48 209	143,259	711,121	4,964	4,494
87	26 953	74,854	320,958	4,288	3,818	87	43 667	121,272	567,862	4,683	4,213
88	23 308	60,496	246,104	4,068	3,599	88	38 938	101,065	446,590	4,419	3,949
89	19 851	48,153	185,608	3,855	3,385	89	34 176	82,902	345,526	4,168	3,698
90	16 530	37,475	137,455	3,668	3,198	90	29 340	66,514	262,623	3,948	3,479
91	13 621	28,860	99,980	3,464	2,995	91	24 798	52,540	196,109	3,733	3,263
92	10 899	21,582	71,120	3,295	2,826	92	20 392	40,378	143,568	3,556	3,086
93	8 541	15,806	49,538	3,134	2,665	93	16 533	30,596	103,190	3,373	2,903
94	6 537	11,306	33,731	2,984	2,514	94	13 107	22,668	72,594	3,202	2,733
95	4 880	7,887	22,425	2,843	2,374	95	10 146	16,400	49,926	3,044	2,575
96	3 548	5,359	14,538	2,713	2,243	96	7 660	11,571	33,526	2,897	2,428
97	2 509	3,542	9,179	2,591	2,122	97	5 632	7,951	21,955	2,761	2,292
98	1 724	2,274	5,637	2,478	2,009	98	4 028	5,315	14,004	2,635	2,165
99	1 149	1,417	3,362	2,373	1,904	99	2 799	3,451	8,689	2,518	2,048
100	742	0,855	1,945	2,276	1,806	100	1 887	2,174	5,238	2,409	1,939

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 7,25%

x	l_x	D_x	N_x	$ä_x$	$ä_x^{(12)}$	y	l_y	D_y	N_y	$ä_y$	$ä_y^{(12)}$
			Männer						Frauen		
0	100 000	100 000,000	1 460 736,343	14,607	14,137	0	100 000	100 000,000	1 466 070,554	14,661	14,191
1	99 613	92 879,458	1 360 736,343	14,651	14,181	1	99 685	92 946,136	1 366 070,554	14,697	14,228
2	99 581	86 572,556	1 267 856,885	14,645	14,175	2	99 658	86 640,188	1 273 124,417	14,694	14,224
3	99 562	80 705,096	1 181 284,329	14,637	14,167	3	99 644	80 771,360	1 186 484,229	14,689	14,220
4	99 548	75 239,043	1 100 579,233	14,628	14,158	4	99 632	75 302,877	1 105 712,869	14,684	14,214
5	99 535	70 143,638	1 025 340,190	14,618	14,148	5	99 621	70 204,105	1 030 409,992	14,677	14,207
6	99 524	65 394,927	955 196,552	14,607	14,137	6	99 610	65 451,757	960 205,887	14,670	14,201
7	99 513	60 967,849	889 801,625	14,595	14,125	7	99 602	61 021,964	894 754,131	14,663	14,193
8	99 505	56 841,795	828 833,776	14,581	14,112	8	99 593	56 892,053	833 732,166	14,655	14,185
9	99 497	52 994,928	771 991,981	14,567	14,097	9	99 586	53 042,297	776 840,114	14,646	14,176
10	99 489	49 408,640	718 997,052	14,552	14,082	10	99 579	49 453,275	723 797,817	14,636	14,166
11	99 480	46 064,545	669 588,412	14,536	14,066	11	99 572	46 107,007	674 344,542	14,626	14,156
12	99 472	42 946,939	623 523,867	14,518	14,049	12	99 564	42 986,779	628 237,535	14,615	14,145
13	99 461	40 039,310	580 576,929	14,500	14,030	13	99 556	40 077,686	585 250,756	14,603	14,133
14	99 450	37 328,550	540 537,619	14,481	14,011	14	99 547	37 365,125	545 173,070	14,590	14,121
15	99 435	34 799,950	503 209,069	14,460	13,990	15	99 536	34 835,501	507 807,945	14,577	14,107
16	99 417	32 441,730	468 409,119	14,438	13,969	16	99 524	32 476,568	472 972,445	14,563	14,094
17	99 391	30 240,844	435 967,389	14,417	13,947	17	99 508	30 276,523	440 495,877	14,549	14,079
18	99 358	28 187,038	405 726,546	14,394	13,924	18	99 493	28 225,328	410 219,354	14,534	14,064
19	99 310	26 268,967	377 539,508	14,372	13,902	19	99 470	26 311,311	381 994,026	14,518	14,048
20	99 261	24 481,240	351 270,541	14,349	13,879	20	99 449	24 527,624	355 682,716	14,501	14,031
21	99 208	22 814,053	326 789,302	14,324	13,854	21	99 427	22 864,502	331 155,092	14,483	14,013
22	99 154	21 260,349	303 975,249	14,298	13,828	22	99 406	21 314,422	308 290,590	14,464	13,994
23	99 101	19 812,635	282 714,900	14,269	13,800	23	99 384	19 869,128	286 976,168	14,443	13,973
24	99 050	18 463,662	262 902,265	14,239	13,769	24	99 361	18 521,759	267 107,040	14,421	13,951
25	98 994	17 205,902	244 438,603	14,207	13,737	25	99 341	17 266,215	248 585,281	14,397	13,927
26	98 940	16 033,986	227 232,701	14,172	13,702	26	99 319	16 095,493	231 319,066	14,372	13,902
27	98 882	14 941,417	211 198,715	14,135	13,665	27	99 296	15 003,901	215 223,573	14,345	13,875
28	98 820	13 922,573	196 257,298	14,096	13,626	28	99 269	13 985,893	200 219,672	14,316	13,846
29	98 760	12 973,619	182 334,725	14,054	13,584	29	99 244	13 037,162	186 233,779	14,285	13,815
30	98 695	12 088,660	169 361,106	14,010	13,540	30	99 216	12 152,374	173 196,617	14,252	13,782
31	98 632	11 264,265	157 272,446	13,962	13,492	31	99 188	11 327,678	161 044,243	14,217	13,747
32	98 562	10 495,315	146 008,181	13,912	13,442	32	99 158	10 558,748	149 716,565	14,179	13,709
33	98 489	9 778,648	135 512,866	13,858	13,388	33	99 122	9 841,496	139 157,817	14,140	13,670
34	98 414	9 110,661	125 734,218	13,801	13,331	34	99 086	9 172,865	129 316,320	14,098	13,628
35	98 336	8 488,051	116 623,557	13,740	13,270	35	99 044	8 549,155	120 143,455	14,053	13,583
36	98 254	7 907,618	108 135,506	13,675	13,205	36	99 005	7 968,070	111 594,300	14,005	13,535
37	98 167	7 366,576	100 227,888	13,606	13,136	37	98 958	7 425,905	103 626,230	13,955	13,485
38	98 074	6 862,085	92 861,311	13,533	13,063	38	98 905	6 920,226	96 200,325	13,901	13,431
39	97 966	6 391,182	85 999,226	13,456	12,986	39	98 850	6 448,833	89 280,100	13,844	13,374
40	97 854	5 952,303	79 608,045	13,374	12,904	40	98 784	6 008,920	82 831,267	13,785	13,315
41	97 728	5 542,813	73 655,742	13,289	12,819	41	98 715	5 598,766	76 822,348	13,721	13,251
42	97 594	5 161,046	68 112,929	13,198	12,728	42	98 636	5 216,110	71 223,582	13,655	13,185
43	97 445	4 804,804	62 951,883	13,102	12,632	43	98 548	4 859,177	66 007,472	13,584	13,114
44	97 271	4 472,015	58 147,078	13,002	12,533	44	98 447	4 526,062	61 148,295	13,510	13,040
45	97 078	4 161,416	53 675,063	12,898	12,428	45	98 336	4 215,365	56 622,233	13,432	12,962
46	96 863	3 871,514	49 513,647	12,789	12,319	46	98 211	3 925,421	52 406,868	13,351	12,881
47	96 623	3 600,874	45 642,133	12,675	12,205	47	98 073	3 654,909	48 481,447	13,265	12,795
48	96 344	3 347,766	42 041,259	12,558	12,088	48	97 913	3 402,268	44 826,538	13,175	12,706
49	96 035	3 111,449	38 693,493	12,436	11,966	49	97 740	3 166,668	41 424,270	13,081	12,611

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 7,25%

x	l_x	D_x	N_x	$\ddot{a}_x$	$\ddot{a}_x^{(12)}$	y	l_y	D_y	N_y	$\ddot{a}_y$	$\ddot{a}_y^{(12)}$
		Männer						Frauen			
50	95 691	2 890,721	35 582,043	12,309	11,839	50	97 538	2 946,529	38 257,601	12,984	12,514
51	95 308	2 684,528	32 691,322	12,178	11,708	51	97 324	2 741,294	35 311,072	12,881	12,411
52	94 857	2 491,214	30 006,795	12,045	11,575	52	97 085	2 549,731	32 569,778	12,774	12,304
53	94 382	2 311,182	27 515,581	11,905	11,436	53	96 819	2 370,845	30 020,047	12,662	12,192
54	93 861	2 143,054	25 204,398	11,761	11,291	54	96 528	2 203,932	27 649,202	12,545	12,076
55	93 280	1 985,811	23 061,345	11,613	11,143	55	96 220	2 048,390	25 445,270	12,422	11,952
56	92 649	1 839,044	21 075,534	11,460	10,990	56	95 879	1 903,154	23 396,880	12,294	11,824
57	91 974	1 702,227	19 236,490	11,301	10,831	57	95 517	1 767,809	21 493,726	12,158	11,689
58	91 234	1 574,389	17 534,263	11,137	10,667	58	95 135	1 641,719	19 725,918	12,015	11,546
59	90 431	1 455,052	15 959,874	10,969	10,499	59	94 716	1 523,986	18 084,199	11,866	11,396
60	89 568	1 343,745	14 504,821	10,794	10,324	60	94 268	1 414,256	16 560,213	11,709	11,240
61	88 638	1 239,889	13 161,076	10,615	10,145	61	93 760	1 311,547	15 145,957	11,548	11,078
62	87 648	1 143,166	11 921,187	10,428	9,958	62	93 222	1 215,860	13 834,409	11,378	10,908
63	86 597	1 053,111	10 778,020	10,234	9,765	63	92 634	1 126,518	12 618,549	11,201	10,731
64	85 502	969,507	9 724,910	10,031	9,561	64	92 009	1 043,290	11 492,031	11,015	10,545
65	84 297	891,227	8 755,403	9,824	9,354	65	91 333	965,615	10 448,741	10,821	10,351
66	83 028	818,467	7 864,177	9,608	9,139	66	90 620	893,309	9 483,126	10,616	10,146
67	81 654	750,516	7 045,710	9,388	8,918	67	89 845	825,797	8 589,818	10,402	9,932
68	80 194	687,270	6 295,194	9,160	8,690	68	89 024	762,942	7 764,021	10,176	9,707
69	78 659	628,540	5 607,924	8,922	8,452	69	88 160	704,460	7 001,079	9,938	9,468
70	77 011	573,778	4 979,384	8,678	8,208	70	87 223	649,863	6 296,619	9,689	9,219
71	75 258	522,810	4 405,605	8,427	7,957	71	86 211	598,901	5 646,756	9,429	8,959
72	73 382	475,317	3 882,795	8,169	7,699	72	85 101	551,225	5 047,855	9,158	8,688
73	71 393	431,172	3 407,478	7,903	7,433	73	83 869	506,522	4 496,630	8,877	8,408
74	69 262	390,025	2 976,305	7,631	7,161	74	82 505	464,601	3 990,109	8,588	8,118
75	66 916	351,343	2 586,280	7,361	6,891	75	80 970	425,134	3 525,507	8,293	7,823
76	64 411	315,329	2 234,937	7,088	6,618	76	79 232	387,890	3 100,373	7,993	7,523
77	61 730	281,777	1 919,608	6,813	6,343	77	77 292	352,810	2 712,484	7,688	7,218
78	58 844	250,447	1 637,832	6,540	6,070	78	75 149	319,841	2 359,674	7,378	6,908
79	55 736	221,183	1 387,384	6,273	5,803	79	72 739	288,656	2 039,833	7,067	6,597
80	52 456	194,094	1 166,201	6,008	5,539	80	70 098	259,372	1 751,177	6,752	6,282
81	49 044	169,200	972,108	5,745	5,275	81	67 171	231,738	1 491,805	6,437	5,968
82	45 471	146,269	802,908	5,489	5,019	82	63 974	205,790	1 260,067	6,123	5,653
83	41 818	125,426	656,639	5,235	4,765	83	60 446	181,298	1 054,277	5,815	5,345
84	38 142	106,667	531,212	4,980	4,510	84	56 655	158,441	872,979	5,510	5,040
85	34 397	89,691	424,545	4,733	4,264	85	52 558	137,047	714,538	5,214	4,744
86	30 660	74,543	334,854	4,492	4,022	86	48 209	117,209	577,491	4,927	4,457
87	26 953	61,100	260,311	4,260	3,791	87	43 667	98,988	460,282	4,650	4,180
88	23 308	49,265	199,211	4,044	3,574	88	38 938	82,302	361,294	4,390	3,920
89	19 851	39,122	149,947	3,833	3,363	89	34 176	67,354	278,992	4,142	3,672
90	16 530	30,376	110,825	3,648	3,179	90	29 340	53,914	211,638	3,926	3,456
91	13 621	23,338	80,449	3,447	2,977	91	24 798	42,488	157,724	3,712	3,242
92	10 899	17,412	57,111	3,280	2,810	92	20 392	32,576	115,237	3,537	3,068
93	8 541	12,723	39,699	3,120	2,650	93	16 533	24,627	82,660	3,357	2,887
94	6 537	9,079	26,976	2,971	2,501	94	13 107	18,203	58,034	3,188	2,718
95	4 880	6,319	17,897	2,832	2,362	95	10 146	13,139	39,831	3,032	2,562
96	3 548	4,284	11,579	2,703	2,233	96	7 660	9,248	26,692	2,886	2,416
97	2 509	2,825	7,295	2,583	2,113	97	5 632	6,341	17,443	2,751	2,281
98	1 724	1,809	4,470	2,470	2,001	98	4 028	4,228	11,103	2,626	2,156
99	1 149	1,124	2,661	2,366	1,896	99	2 799	2,739	6,874	2,509	2,040
100	742	0,677	1,536	2,269	1,799	100	1 887	1,722	4,135	2,402	1,932

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 7,5%

x	l_x	D_x	N_x	$ä_x$	$^{(12)}ä_x$	y	l_y	D_y	N_y	$ä_y$	$^{(12)}ä_y$
			Männer						Frauen		
0	100 000	100 000,000	1 416 731,661	14,167	13,697	0	100 000	100 000,000	1 421 515,039	14,215	13,745
1	99 613	92 663,459	1 316 731,661	14,210	13,740	1	99 685	92 729,983	1 321 515,039	14,251	13,781
2	99 581	86 170,361	1 224 068,202	14,205	13,735	2	99 658	86 237,679	1 228 785,056	14,249	13,779
3	99 562	80 143,346	1 137 897,841	14,198	13,728	3	99 644	80 209,149	1 142 547,377	14,245	13,774
4	99 548	74 541,583	1 057 754,495	14,190	13,720	4	99 632	74 604,825	1 062 338,228	14,240	13,769
5	99 535	69 331,799	983 212,913	14,181	13,711	5	99 621	69 391,566	987 733,403	14,234	13,764
6	99 524	64 487,729	913 881,114	14,171	13,701	6	99 610	64 543,770	918 341,837	14,228	13,758
7	99 513	59 982,247	849 393,385	14,161	13,690	7	99 602	60 035,487	853 798,068	14,222	13,751
8	99 505	55 792,841	789 411,139	14,149	13,679	8	99 593	55 842,171	793 762,581	14,214	13,744
9	99 497	51 895,995	733 618,297	14,136	13,666	9	99 586	51 942,380	737 920,409	14,207	13,736
10	99 489	48 271,552	681 722,303	14,123	13,652	10	99 579	48 315,160	685 978,029	14,198	13,728
11	99 480	44 899,757	633 450,750	14,108	13,638	11	99 572	44 941,145	637 662,869	14,189	13,719
12	99 472	41 763,631	588 550,993	14,092	13,622	12	99 564	41 802,374	592 721,723	14,179	13,709
13	99 461	38 845,566	546 787,362	14,076	13,606	13	99 556	38 882,799	550 919,350	14,169	13,698
14	99 450	36 131,403	507 941,796	14,058	13,588	14	99 547	36 166,805	512 036,551	14,158	13,687
15	99 435	33 605,563	471 810,393	14,040	13,569	15	99 536	33 639,893	475 869,746	14,146	13,676
16	99 417	31 255,423	438 204,830	14,020	13,550	16	99 524	31 288,988	442 229,853	14,134	13,663
17	99 391	29 067,262	406 949,406	14,000	13,530	17	99 508	29 101,556	410 940,865	14,121	13,651
18	99 358	27 030,153	377 882,145	13,980	13,510	18	99 493	27 066,871	381 839,309	14,107	13,637
19	99 310	25 132,222	350 851,992	13,960	13,490	19	99 470	25 172,734	354 772,438	14,094	13,623
20	99 261	23 367,386	325 719,770	13,939	13,469	20	99 449	23 411,660	329 599,704	14,078	13,608
21	99 208	21 725,411	302 352,384	13,917	13,447	21	99 427	21 773,454	306 188,044	14,062	13,592
22	99 154	20 198,764	280 626,972	13,893	13,423	22	99 406	20 250,137	284 414,591	14,045	13,575
23	99 101	18 779,563	260 428,209	13,868	13,397	23	99 384	18 833,111	264 164,454	14,027	13,556
24	99 050	17 460,228	241 648,646	13,840	13,370	24	99 361	17 515,168	245 331,344	14,007	13,537
25	98 994	16 232,984	224 188,417	13,811	13,340	25	99 341	16 289,886	227 816,176	13,985	13,515
26	98 940	15 092,155	207 955,433	13,779	13,309	26	99 319	15 150,049	211 526,290	13,962	13,492
27	98 882	14 031,056	192 863,278	13,745	13,275	27	99 296	14 089,733	196 376,241	13,938	13,467
28	98 820	13 043,884	178 832,222	13,710	13,240	28	99 269	13 103,208	182 286,507	13,912	13,441
29	98 760	12 126,554	165 788,338	13,672	13,201	29	99 244	12 185,948	169 183,299	13,883	13,413
30	98 695	11 273,097	153 661,784	13,631	13,161	30	99 216	11 332,513	156 997,351	13,854	13,383
31	98 632	10 479,892	142 388,687	13,587	13,117	31	99 188	10 538,889	145 664,838	13,822	13,351
32	98 562	9 741,779	131 908,795	13,541	13,070	32	99 158	9 800,657	135 125,949	13,787	13,317
33	98 489	9 055,458	122 167,016	13,491	13,021	33	99 122	9 113,658	125 325,292	13,751	13,281
34	98 414	8 417,252	113 111,558	13,438	12,968	34	99 086	8 474,722	116 211,633	13,713	13,242
35	98 336	7 823,791	104 694,306	13,382	12,911	35	99 044	7 880,114	107 736,911	13,672	13,202
36	98 254	7 271,832	96 870,515	13,321	12,851	36	99 005	7 327,423	99 856,798	13,628	13,158
37	98 167	6 758,536	89 598,683	13,257	12,787	37	98 958	6 812,968	92 529,375	13,581	13,111
38	98 074	6 281,045	82 840,147	13,189	12,719	38	98 905	6 334,262	85 716,407	13,532	13,062
39	97 966	5 836,410	76 559,102	13,117	12,647	39	98 850	5 889,057	79 382,145	13,480	13,009
40	97 854	5 422,986	70 722,692	13,041	12,571	40	98 784	5 474,568	73 493,088	13,424	12,954
41	97 728	5 038,167	65 299,706	12,961	12,491	41	98 715	5 089,025	68 018,520	13,366	12,895
42	97 594	4 680,248	60 261,540	12,876	12,405	42	98 636	4 730,182	62 929,495	13,304	12,834
43	97 445	4 347,061	55 581,292	12,786	12,316	43	98 548	4 396,253	58 199,313	13,238	12,768
44	97 271	4 036,566	51 234,231	12,693	12,222	44	98 447	4 085,350	53 803,060	13,170	12,699
45	97 078	3 747,475	47 197,665	12,595	12,124	45	98 336	3 796,058	49 717,709	13,097	12,627
46	96 863	3 478,302	43 450,189	12,492	12,022	46	98 211	3 526,734	45 921,652	13,021	12,551
47	96 623	3 227,626	39 971,887	12,384	11,914	47	98 073	3 276,060	42 394,917	12,941	12,471
48	96 344	2 993,776	36 744,261	12,274	11,803	48	97 913	3 042,515	39 118,857	12,857	12,387
49	96 035	2 775,976	33 750,485	12,158	11,688	49	97 740	2 825,241	36 076,342	12,769	12,299

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 7,5%

x	l_x	D_x	N_x	$ä_x$	$ä_x^{(12)}$	y	l_y	D_y	N_y	$ä_y$	$ä_y^{(12)}$
			Männer						Frauen		
50	95 691	2 573,049	30 974,509	12,038	11,568	50	97 538	2 622,724	33 251,101	12,678	12,208
51	95 308	2 383,958	28 401,460	11,914	11,443	51	97 324	2 434,368	30 628,377	12,582	12,111
52	94 857	2 207,143	26 017,502	11,788	11,318	52	97 085	2 258,988	28 194,009	12,481	12,011
53	94 382	2 042,878	23 810,359	11,655	11,185	53	96 819	2 095,615	25 935,021	12,376	11,906
54	93 861	1 889,863	21 767,481	11,518	11,048	54	96 528	1 943,548	23 839,406	12,266	11,796
55	93 280	1 747,125	19 877,618	11,377	10,907	55	96 220	1 802,182	21 895,858	12,150	11,679
56	92 649	1 614,236	18 130,493	11,232	10,761	56	95 879	1 670,509	20 093,675	12,028	11,558
57	91 974	1 490,669	16 516,258	11,080	10,609	57	95 517	1 548,100	18 423,167	11,901	11,430
58	91 234	1 375,513	15 025,589	10,924	10,453	58	95 135	1 434,337	16 875,067	11,765	11,295
59	90 431	1 268,294	13 650,076	10,763	10,292	59	94 716	1 328,380	15 440,729	11,624	11,153
60	89 568	1 168,550	12 381,782	10,596	10,126	60	94 268	1 229,867	14 112,349	11,475	11,004
61	88 638	1 075,727	11 213,232	10,424	9,954	61	93 760	1 137,897	12 882,482	11,321	10,851
62	87 648	989,503	10 137,505	10,245	9,775	62	93 222	1 052,426	11 744,585	11,160	10,689
63	86 597	909,433	9 148,002	10,059	9,589	63	92 634	972,826	10 692,159	10,991	10,521
64	85 502	835,288	8 238,569	9,863	9,393	64	92 009	898,857	9 719,334	10,813	10,343
65	84 297	766,059	7 403,281	9,664	9,194	65	91 333	830,000	8 820,477	10,627	10,157
66	83 028	701,882	6 637,221	9,456	8,986	66	90 620	766,064	7 990,477	10,431	9,960
67	81 654	642,114	5 935,339	9,243	8,773	67	89 845	706,521	7 224,413	10,225	9,755
68	80 194	586,635	5 293,225	9,023	8,553	68	89 024	651,227	6 517,892	10,009	9,538
69	78 659	535,258	4 706,590	8,793	8,323	69	88 160	599,910	5 866,665	9,779	9,309
70	77 011	487,486	4 171,332	8,557	8,087	70	87 223	552,128	5 266,755	9,539	9,069
71	75 258	443,151	3 683,846	8,313	7,843	71	86 211	507,648	4 714,626	9,287	8,817
72	73 382	401,957	3 240,695	8,062	7,592	72	85 101	466,149	4 206,979	9,025	8,555
73	71 393	363,777	2 838,738	7,803	7,333	73	83 869	427,349	3 740,829	8,754	8,283
74	69 262	328,297	2 474,960	7,539	7,069	74	82 505	391,070	3 313,480	8,473	8,003
75	66 916	295,049	2 146,664	7,276	6,805	75	80 970	357,017	2 922,410	8,186	7,715
76	64 411	264,189	1 851,614	7,009	6,538	76	79 232	324,982	2 565,393	7,894	7,424
77	61 730	235,530	1 587,425	6,740	6,270	77	77 292	294,905	2 240,411	7,597	7,127
78	58 844	208,855	1 351,896	6,473	6,003	78	75 149	266,724	1 945,506	7,294	6,824
79	55 736	184,022	1 143,040	6,211	5,741	79	72 739	240,159	1 678,782	6,990	6,520
80	52 456	161,108	959,018	5,953	5,482	80	70 098	215,293	1 438,623	6,682	6,212
81	49 044	140,119	797,910	5,695	5,224	81	67 171	191,908	1 223,330	6,375	5,904
82	45 471	120,847	657,791	5,443	4,973	82	63 974	170,023	1 031,422	6,066	5,596
83	41 818	103,386	536,944	5,194	4,723	83	60 446	149,440	861,398	5,764	5,294
84	38 142	87,719	433,558	4,943	4,472	84	56 655	130,296	711,959	5,464	4,994
85	34 397	73,587	345,839	4,700	4,229	85	52 558	112,440	581,663	5,173	4,703
86	30 660	61,016	272,252	4,462	3,992	86	48 209	95,940	469,223	4,891	4,421
87	26 953	49,897	211,236	4,233	3,763	87	43 667	80,837	373,283	4,618	4,147
88	23 308	40,138	161,339	4,020	3,549	88	38 938	67,054	292,445	4,361	3,891
89	19 851	31,800	121,201	3,811	3,341	89	34 176	54,748	225,391	4,117	3,647
90	16 530	24,633	89,401	3,629	3,159	90	29 340	43,721	170,643	3,903	3,433
91	13 621	18,882	64,768	3,430	2,960	91	24 798	34,375	126,922	3,692	3,222
92	10 899	14,055	45,886	3,265	2,795	92	20 392	26,295	92,546	3,520	3,049
93	8 541	10,246	31,831	3,107	2,637	93	16 533	19,832	66,251	3,341	2,870
94	6 537	7,294	21,586	2,959	2,489	94	13 107	14,625	46,419	3,174	2,704
95	4 880	5,065	14,292	2,822	2,351	95	10 146	10,532	31,794	3,019	2,549
96	3 548	3,426	9,227	2,693	2,223	96	7 660	7,396	21,262	2,875	2,405
97	2 509	2,254	5,801	2,574	2,104	97	5 632	5,059	13,866	2,741	2,271
98	1 724	1,440	3,547	2,463	1,993	98	4 028	3,366	8,808	2,617	2,147
99	1 149	0,893	2,107	2,359	1,889	99	2 799	2,175	5,442	2,501	2,031
100	742	0,536	1,214	2,263	1,793	100	1 887	1,364	3,266	2,394	1,924

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 7,75%

x	l_x	D_x	N_x	$ä_x$	$^{(12)}ä_x$	y	l_y	D_y	N_y	$ä_y$	$^{(12)}ä_y$
			Männer						Frauen		
0	100 000	100 000,000	1 375 387,565	13,754	13,283	0	100 000	100 000,000	1 379 693,307	13,797	13,326
1	99 613	92 448,462	1 275 387,565	13,796	13,325	1	99 685	92 514,832	1 279 693,307	13,832	13,362
2	99 581	85 770,962	1 182 939,103	13,792	13,321	2	99 658	85 837,969	1 187 178,475	13,830	13,360
3	99 562	79 586,797	1 097 168,140	13,786	13,315	3	99 644	79 652,143	1 101 340,507	13,827	13,356
4	99 548	73 852,185	1 017 581,343	13,779	13,308	4	99 632	73 914,843	1 021 688,364	13,823	13,352
5	99 535	68 531,209	943 729,158	13,771	13,300	5	99 621	68 590,286	947 773,521	13,818	13,347
6	99 524	63 595,179	875 197,949	13,762	13,291	6	99 610	63 650,444	879 183,235	13,813	13,342
7	99 513	59 014,812	811 602,770	13,753	13,282	7	99 602	59 067,193	815 532,791	13,807	13,336
8	99 505	54 765,614	752 587,958	13,742	13,271	8	99 593	54 814,036	756 465,597	13,801	13,330
9	99 497	50 822,323	697 822,344	13,731	13,260	9	99 586	50 867,749	701 651,561	13,794	13,323
10	99 489	47 163,184	647 000,021	13,718	13,248	10	99 579	47 205,791	650 783,813	13,786	13,315
11	99 480	43 767,025	599 836,837	13,705	13,235	11	99 572	43 807,370	603 578,022	13,778	13,307
12	99 472	40 615,563	556 069,812	13,691	13,220	12	99 564	40 653,240	559 770,652	13,769	13,299
13	99 461	37 690,063	515 454,249	13,676	13,205	13	99 556	37 726,188	519 117,412	13,760	13,289
14	99 450	34 975,298	477 764,185	13,660	13,189	14	99 547	35 009,567	481 391,224	13,750	13,280
15	99 435	32 454,801	442 788,887	13,643	13,173	15	99 536	32 487,956	446 381,657	13,740	13,269
16	99 417	30 115,103	410 334,086	13,626	13,155	16	99 524	30 147,443	413 893,701	13,729	13,258
17	99 391	27 941,793	380 218,983	13,608	13,137	17	99 508	27 974,760	383 746,258	13,718	13,247
18	99 358	25 923,273	352 277,190	13,589	13,119	18	99 493	25 958,488	355 771,498	13,705	13,235
19	99 310	24 047,139	326 353,917	13,571	13,101	19	99 470	24 085,901	329 813,010	13,693	13,223
20	99 261	22 306,624	302 306,778	13,552	13,082	20	99 449	22 348,888	305 727,109	13,680	13,209
21	99 208	20 691,068	280 000,154	13,532	13,062	21	99 427	20 736,823	283 378,221	13,665	13,195
22	99 154	19 192,470	259 309,086	13,511	13,040	22	99 406	19 241,283	262 641,398	13,650	13,179
23	99 101	17 802,572	240 116,616	13,488	13,017	23	99 384	17 853,334	243 400,115	13,633	13,163
24	99 050	16 513,471	222 314,044	13,463	12,992	24	99 361	16 565,432	225 546,781	13,616	13,145
25	98 994	15 317,151	205 800,573	13,436	12,965	25	99 341	15 370,843	208 981,350	13,596	13,125
26	98 940	14 207,644	190 483,422	13,407	12,936	26	99 319	14 262,145	193 610,507	13,575	13,104
27	98 882	13 178,087	176 275,778	13,376	12,906	27	99 296	13 233,197	179 348,361	13,553	13,082
28	98 820	12 222,502	163 097,691	13,344	12,873	28	99 269	12 278,090	166 115,164	13,529	13,059
29	98 760	11 336,573	150 875,189	13,309	12,838	29	99 244	11 392,098	153 837,074	13,504	13,033
30	98 695	10 514,263	139 538,616	13,271	12,801	30	99 216	10 569,679	142 444,976	13,477	13,006
31	98 632	9 751,772	129 024,353	13,231	12,760	31	99 188	9 806,671	131 875,297	13,448	12,977
32	98 562	9 043,909	119 272,581	13,188	12,718	32	99 158	9 098,570	122 068,627	13,416	12,946
33	98 489	8 387,249	110 228,672	13,142	12,672	33	99 122	8 441,155	112 970,057	13,383	12,913
34	98 414	7 778,048	101 841,423	13,093	12,623	34	99 086	7 831,154	104 528,902	13,348	12,877
35	98 336	7 212,880	94 063,375	13,041	12,570	35	99 044	7 264,805	96 697,748	13,310	12,840
36	98 254	6 688,466	86 850,494	12,985	12,514	36	99 005	6 739,597	89 432,943	13,270	12,799
37	98 167	6 201,925	80 162,029	12,925	12,455	37	98 958	6 251,874	82 693,347	13,227	12,756
38	98 074	5 750,385	73 960,104	12,862	12,391	38	98 905	5 799,107	76 441,473	13,182	12,711
39	97 966	5 330,918	68 209,718	12,795	12,324	39	98 850	5 379,005	70 642,366	13,133	12,662
40	97 854	4 941,808	62 878,800	12,724	12,253	40	98 784	4 988,814	65 263,361	13,082	12,611
41	97 728	4 580,481	57 936,992	12,649	12,178	41	98 715	4 626,720	60 274,547	13,027	12,557
42	97 594	4 245,205	53 356,510	12,569	12,098	42	98 636	4 290,498	55 647,828	12,970	12,499
43	97 445	3 933,840	49 111,305	12,484	12,014	43	98 548	3 978,356	51 357,330	12,909	12,439
44	97 271	3 644,385	45 177,466	12,396	11,926	44	98 447	3 688,429	47 378,974	12,845	12,375
45	97 078	3 375,531	41 533,081	12,304	11,833	45	98 336	3 419,292	43 690,545	12,778	12,307
46	96 863	3 125,805	38 157,550	12,207	11,737	46	98 211	3 169,329	40 271,253	12,707	12,236
47	96 623	2 893,803	35 031,745	12,106	11,635	47	98 073	2 937,228	37 101,924	12,632	12,161
48	96 344	2 677,911	32 137,942	12,001	11,530	48	97 913	2 721,508	34 164,697	12,554	12,083
49	96 035	2 477,330	29 460,030	11,892	11,421	49	97 740	2 521,295	31 443,188	12,471	12,000

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 7,75%

x	l_x	D_x	N_x	$ä_x$	$ä_x^{(12)}$	y	l_y	D_y	N_y	$ä_y$	$ä_y^{(12)}$
			Männer						Frauen		
50	95 691	2 290,906	26 982,701	11,778	11,308	50	97 538	2 335,134	28 921,894	12,386	11,915
51	95 308	2 117,625	24 691,795	11,660	11,189	51	97 324	2 162,404	26 586,759	12,295	11,824
52	94 857	1 956,015	22 574,170	11,541	11,070	52	97 085	2 001,961	24 424,356	12,200	11,730
53	94 382	1 806,240	20 618,155	11,415	10,944	53	96 819	1 852,867	22 422,395	12,101	11,631
54	93 861	1 667,072	18 811,915	11,284	10,814	54	96 528	1 714,428	20 569,528	11,998	11,527
55	93 280	1 537,585	17 144,844	11,151	10,680	55	96 220	1 586,039	18 855,100	11,888	11,418
56	92 649	1 417,338	15 607,259	11,012	10,541	56	95 879	1 466,747	17 269,061	11,774	11,303
57	91 974	1 305,806	14 189,921	10,867	10,396	57	95 517	1 356,115	15 802,314	11,653	11,182
58	91 234	1 202,135	12 884,115	10,718	10,247	58	95 135	1 253,545	14 446,199	11,524	11,054
59	90 431	1 105,859	11 681,980	10,564	10,093	59	94 716	1 158,250	13 192,653	11,390	10,919
60	89 568	1 016,525	10 576,120	10,404	9,934	60	94 268	1 069,866	12 034,403	11,249	10,778
61	88 638	933,607	9 559,595	10,239	9,769	61	93 760	987,564	10 964,537	11,103	10,632
62	87 648	856,783	8 625,987	10,068	9,597	62	93 222	911,266	9 976,973	10,948	10,478
63	86 597	785,625	7 769,204	9,889	9,419	63	92 634	840,388	9 065,708	10,788	10,317
64	85 502	719,900	6 983,579	9,701	9,230	64	92 009	774,687	8 225,320	10,618	10,147
65	84 297	658,703	6 263,679	9,509	9,038	65	91 333	713,683	7 450,633	10,440	9,969
66	83 028	602,119	5 604,976	9,309	8,838	66	90 620	657,178	6 736,950	10,251	9,781
67	81 654	549,568	5 002,857	9,103	8,633	67	89 845	604,693	6 079,772	10,054	9,584
68	80 194	500,920	4 453,289	8,890	8,420	68	89 024	556,075	5 475,079	9,846	9,375
69	78 659	455,989	3 952,369	8,668	8,197	69	88 160	511,067	4 919,005	9,625	9,154
70	77 011	414,329	3 496,379	8,439	7,968	70	87 223	469,270	4 407,938	9,393	8,923
71	75 258	375,773	3 082,050	8,202	7,731	71	86 211	430,464	3 938,667	9,150	8,679
72	73 382	340,052	2 706,277	7,958	7,488	72	85 101	394,358	3 508,204	8,896	8,425
73	71 393	307,038	2 366,225	7,707	7,236	73	83 869	360,695	3 113,846	8,633	8,162
74	69 262	276,448	2 059,187	7,449	6,978	74	82 505	329,308	2 753,151	8,360	7,890
75	66 916	247,875	1 782,738	7,192	6,721	75	80 970	299,935	2 423,844	8,081	7,611
76	64 411	221,434	1 534,863	6,931	6,461	76	79 232	272,389	2 123,908	7,797	7,327
77	61 730	196,955	1 313,428	6,669	6,198	77	77 292	246,606	1 851,519	7,508	7,037
78	58 844	174,244	1 116,474	6,408	5,937	78	75 149	222,523	1 604,914	7,212	6,742
79	55 736	153,170	942,229	6,152	5,681	79	72 739	199,895	1 382,390	6,916	6,445
80	52 456	133,787	789,060	5,898	5,427	80	70 098	178,782	1 182,495	6,614	6,143
81	49 044	116,087	655,273	5,645	5,174	81	67 171	158,993	1 003,713	6,313	5,842
82	45 471	99,888	539,186	5,398	4,927	82	63 974	140,535	844,719	6,011	5,540
83	41 818	85,257	439,298	5,153	4,682	83	60 446	123,235	704,184	5,714	5,243
84	38 142	72,169	354,041	4,906	4,435	84	56 655	107,199	580,949	5,419	4,949
85	34 397	60,402	281,872	4,667	4,196	85	52 558	92,294	473,750	5,133	4,662
86	30 660	49,968	221,470	4,432	3,962	86	48 209	78,567	381,456	4,855	4,384
87	26 953	40,766	171,502	4,207	3,736	87	43 667	66,046	302,889	4,586	4,115
88	23 308	32,717	130,736	3,996	3,525	88	38 938	54,658	236,843	4,333	3,863
89	19 851	25,861	98,018	3,790	3,320	89	34 176	44,523	182,185	4,092	3,621
90	16 530	19,986	72,158	3,610	3,140	90	29 340	35,473	137,662	3,881	3,410
91	13 621	15,284	52,171	3,413	2,943	91	24 798	27,826	102,189	3,672	3,202
92	10 899	11,350	36,887	3,250	2,779	92	20 392	21,236	74,363	3,502	3,031
93	8 541	8,255	25,537	3,093	2,623	93	16 533	15,979	53,128	3,325	2,854
94	6 537	5,863	17,282	2,947	2,477	94	13 107	11,756	37,149	3,160	2,689
95	4 880	4,062	11,418	2,811	2,340	95	10 146	8,446	25,393	3,006	2,536
96	3 548	2,741	7,356	2,684	2,213	96	7 660	5,918	16,947	2,864	2,393
97	2 509	1,799	4,615	2,565	2,095	97	5 632	4,038	11,029	2,731	2,260
98	1 724	1,147	2,816	2,455	1,985	98	4 028	2,681	6,991	2,608	2,137
99	1 149	0,710	1,669	2,353	1,882	99	2 799	1,729	4,310	2,494	2,023
100	742	0,425	0,960	2,257	1,786	100	1 887	1,081	2,582	2,387	1,917

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 8%

x	l_x	D_x	N_x	$ä_x$	$ä_x^{(12)}$	y	l_y	D_y	N_y	$ä_y$	$ä_y^{(12)}$
			Männer						Frauen		
0	100 000	100 000,000	1 336 480,621	13,365	12,894	0	100 000	100 000,000	1 340 371,112	13,404	12,933
1	99 613	92 234,461	1 236 480,621	13,406	12,935	1	99 685	92 300,677	1 240 371,112	13,438	12,967
2	99 581	85 374,334	1 144 246,160	13,403	12,932	2	99 658	85 441,031	1 148 070,435	13,437	12,966
3	99 562	79 035,389	1 058 871,825	13,397	12,926	3	99 644	79 100,282	1 062 629,404	13,434	12,963
4	99 548	73 170,739	979 836,436	13,391	12,920	4	99 632	73 232,819	983 529,122	13,430	12,959
5	99 535	67 741,688	906 665,697	13,384	12,913	5	99 621	67 800,084	910 296,303	13,426	12,955
6	99 524	62 717,008	838 924,009	13,376	12,905	6	99 610	62 771,510	842 496,219	13,422	12,951
7	99 513	58 065,168	776 207,001	13,368	12,897	7	99 602	58 116,707	779 724,709	13,417	12,945
8	99 505	53 759,615	718 141,832	13,358	12,887	8	99 593	53 807,147	721 608,002	13,411	12,940
9	99 497	49 773,275	664 382,217	13,348	12,877	9	99 586	49 817,764	667 800,854	13,405	12,934
10	99 489	46 082,746	614 608,942	13,337	12,866	10	99 579	46 124,377	617 983,091	13,398	12,927
11	99 480	42 665,396	568 526,196	13,325	12,854	11	99 572	42 704,725	571 858,714	13,391	12,920
12	99 472	39 501,606	525 860,800	13,312	12,841	12	99 564	39 538,250	529 153,989	13,383	12,912
13	99 461	36 571,491	486 359,193	13,299	12,828	13	99 556	36 606,544	489 615,738	13,375	12,904
14	99 450	33 858,737	449 787,702	13,284	12,813	14	99 547	33 891,912	453 009,194	13,366	12,895
15	99 435	31 345,977	415 928,965	13,269	12,798	15	99 536	31 377,999	419 117,282	13,357	12,886
16	99 417	29 018,885	384 582,989	13,253	12,782	16	99 524	29 050,048	387 739,284	13,347	12,876
17	99 391	26 862,360	355 564,103	13,237	12,765	17	99 508	26 894,053	358 689,236	13,337	12,866
18	99 358	24 864,129	328 701,743	13,220	12,749	18	99 493	24 897,905	331 795,182	13,326	12,855
19	99 310	23 011,257	303 837,613	13,204	12,733	19	99 470	23 048,350	306 897,277	13,315	12,844
20	99 261	21 296,308	280 826,356	13,187	12,716	20	99 449	21 336,657	283 848,927	13,303	12,832
21	99 208	19 708,197	259 530,048	13,169	12,698	21	99 427	19 751,779	262 512,270	13,291	12,820
22	99 154	18 238,469	239 821,851	13,149	12,678	22	99 406	18 284,856	242 760,491	13,277	12,806
23	99 101	16 878,498	221 583,382	13,128	12,657	23	99 384	16 926,624	224 475,635	13,262	12,791
24	99 050	15 620,068	204 704,885	13,105	12,634	24	99 361	15 669,218	207 549,010	13,246	12,775
25	98 994	14 454,933	189 084,816	13,081	12,610	25	99 341	14 505,602	191 879,793	13,228	12,757
26	98 940	13 376,844	174 629,883	13,055	12,584	26	99 319	13 428,159	177 374,190	13,209	12,738
27	98 882	12 378,770	161 253,039	13,027	12,556	27	99 296	12 430,538	163 946,032	13,189	12,718
28	98 820	11 454,569	148 874,269	12,997	12,526	28	99 269	11 506,665	151 515,494	13,168	12,697
29	98 760	10 599,709	137 419,699	12,964	12,493	29	99 244	10 651,625	140 008,829	13,144	12,673
30	98 695	9 808,092	126 819,990	12,930	12,459	30	99 216	9 859,786	129 357,203	13,120	12,649
31	98 632	9 075,755	117 011,898	12,893	12,422	31	99 188	9 126,848	119 497,417	13,093	12,622
32	98 562	8 397,479	107 936,142	12,853	12,382	32	99 158	8 448,233	110 370,569	13,064	12,593
33	98 489	7 769,728	99 538,663	12,811	12,340	33	99 122	7 819,665	101 922,337	13,034	12,563
34	98 414	7 188,701	91 768,935	12,766	12,295	34	99 086	7 237,783	94 102,672	13,002	12,531
35	98 336	6 650,925	84 580,234	12,717	12,246	35	99 044	6 698,804	86 864,889	12,967	12,496
36	98 254	6 153,091	77 929,309	12,665	12,194	36	99 005	6 200,129	80 166,085	12,930	12,459
37	98 167	5 692,288	71 776,218	12,609	12,138	37	98 958	5 738,132	73 965,955	12,890	12,419
38	98 074	5 265,636	66 083,930	12,550	12,079	38	98 905	5 310,250	68 227,823	12,848	12,377
39	97 966	4 870,230	60 818,294	12,488	12,017	39	98 850	4 914,161	62 917,573	12,803	12,332
40	97 854	4 504,295	55 948,065	12,421	11,950	40	98 784	4 547,139	58 003,412	12,756	12,285
41	97 728	4 165,293	51 443,770	12,351	11,880	41	98 715	4 207,340	53 456,273	12,705	12,234
42	97 594	3 851,471	47 278,476	12,275	11,804	42	98 636	3 892,563	49 248,933	12,652	12,181
43	97 445	3 560,723	43 427,005	12,196	11,725	43	98 548	3 601,017	45 356,370	12,595	12,124
44	97 271	3 291,086	39 866,283	12,113	11,642	44	98 447	3 330,861	41 755,353	12,536	12,065
45	97 078	3 041,240	36 575,196	12,026	11,555	45	98 336	3 080,667	38 424,492	12,473	12,002
46	96 863	2 809,726	33 533,956	11,935	11,464	46	98 211	2 848,849	35 343,825	12,406	11,935
47	96 623	2 595,163	30 724,231	11,839	11,368	47	98 073	2 634,106	32 494,977	12,336	11,865
48	96 344	2 395,992	28 129,068	11,740	11,269	48	97 913	2 434,999	29 860,871	12,263	11,792
49	96 035	2 211,396	25 733,076	11,637	11,166	49	97 740	2 250,641	27 425,872	12,186	11,715

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 8%

x	l_x	D_x	N_x	$ä_x$	$ä_x^{(12)}$	y	l_y	D_y	N_y	$ä_y$	$ä_y^{(12)}$
			Männer						Frauen		
50	95 691	2 040,250	23 521,681	11,529	11,058	50	97 538	2 079,639	25 175,231	12,106	11,635
51	95 308	1 881,563	21 481,430	11,417	10,946	51	97 324	1 921,350	23 095,592	12,021	11,549
52	94 857	1 733,945	19 599,868	11,304	10,833	52	97 085	1 774,675	21 174,242	11,931	11,460
53	94 382	1 597,468	17 865,922	11,184	10,713	53	96 819	1 638,706	19 399,567	11,838	11,367
54	93 861	1 470,972	16 268,455	11,060	10,589	54	96 528	1 512,758	17 760,861	11,741	11,270
55	93 280	1 353,577	14 797,482	10,932	10,461	55	96 220	1 396,232	16 248,103	11,637	11,166
56	92 649	1 244,832	13 443,906	10,800	10,329	56	95 879	1 288,227	14 851,871	11,529	11,058
57	91 974	1 144,220	12 199,074	10,661	10,190	57	95 517	1 188,303	13 563,643	11,414	10,943
58	91 234	1 050,940	11 054,854	10,519	10,048	58	95 135	1 095,884	12 375,340	11,293	10,822
59	90 431	964,535	10 003,914	10,372	9,901	59	94 716	1 010,230	11 279,456	11,165	10,694
60	89 568	884,565	9 039,380	10,219	9,748	60	94 268	930,981	10 269,227	11,031	10,559
61	88 638	810,530	8 154,815	10,061	9,590	61	93 760	857,374	9 338,246	10,892	10,421
62	87 648	742,112	7 344,285	9,896	9,425	62	93 222	789,302	8 480,872	10,745	10,274
63	86 597	678,903	6 602,173	9,725	9,254	63	92 634	726,226	7 691,569	10,591	10,120
64	85 502	620,666	5 923,271	9,543	9,072	64	92 009	667,900	6 965,344	10,429	9,958
65	84 297	566,590	5 302,605	9,359	8,888	65	91 333	613,881	6 297,443	10,258	9,787
66	83 028	516,720	4 736,015	9,166	8,694	66	90 620	563,969	5 683,562	10,078	9,607
67	81 654	470,530	4 219,296	8,967	8,496	67	89 845	517,727	5 119,593	9,889	9,418
68	80 194	427,886	3 748,765	8,761	8,290	68	89 024	474,999	4 601,866	9,688	9,217
69	78 659	388,604	3 320,879	8,546	8,075	69	88 160	435,543	4 126,867	9,475	9,004
70	77 011	352,283	2 932,275	8,324	7,853	70	87 223	398,997	3 691,324	9,252	8,780
71	75 258	318,762	2 579,991	8,094	7,623	71	86 211	365,154	3 292,327	9,016	8,545
72	73 382	287,792	2 261,230	7,857	7,386	72	85 101	333,752	2 927,172	8,770	8,299
73	71 393	259,250	1 973,438	7,612	7,141	73	83 869	304,556	2 593,420	8,515	8,044
74	69 262	232,881	1 714,187	7,361	6,890	74	82 505	277,410	2 288,864	8,251	7,780
75	66 916	208,328	1 481,306	7,110	6,639	75	80 970	252,082	2 011,454	7,979	7,508
76	64 411	185,675	1 272,978	6,856	6,385	76	79 232	228,401	1 759,372	7,703	7,232
77	61 730	164,766	1 087,303	6,599	6,128	77	77 292	206,302	1 530,971	7,421	6,950
78	58 844	145,430	922,537	6,344	5,872	78	75 149	185,725	1 324,669	7,132	6,661
79	55 736	127,544	777,107	6,093	5,622	79	72 739	166,453	1 138,944	6,842	6,371
80	52 456	111,146	649,563	5,844	5,373	80	70 098	148,527	972,491	6,548	6,077
81	49 044	96,218	538,416	5,596	5,125	81	67 171	131,782	823,963	6,252	5,781
82	45 471	82,601	442,198	5,353	4,882	82	63 974	116,213	692,182	5,956	5,485
83	41 818	70,338	359,597	5,112	4,641	83	60 446	101,671	575,969	5,665	5,194
84	38 142	59,403	289,259	4,869	4,398	84	56 655	88,236	474,298	5,375	4,904
85	34 397	49,602	229,856	4,634	4,163	85	52 558	75,792	386,062	5,094	4,623
86	30 660	40,938	180,254	4,403	3,932	86	48 209	64,370	310,270	4,820	4,349
87	26 953	33,323	139,315	4,181	3,710	87	43 667	53,986	245,900	4,555	4,084
88	23 308	26,681	105,993	3,973	3,501	88	38 938	44,574	191,914	4,306	3,834
89	19 851	21,041	79,311	3,769	3,298	89	34 176	36,225	147,340	4,067	3,596
90	16 530	16,224	58,270	3,592	3,121	90	29 340	28,795	111,115	3,859	3,388
91	13 621	12,378	42,047	3,397	2,926	91	24 798	22,535	82,320	3,653	3,182
92	10 899	9,171	29,669	3,235	2,764	92	20 392	17,158	59,785	3,484	3,013
93	8 541	6,654	20,498	3,080	2,609	93	16 533	12,881	42,627	3,309	2,838
94	6 537	4,716	13,843	2,936	2,465	94	13 107	9,455	29,746	3,146	2,675
95	4 880	3,259	9,128	2,800	2,329	95	10 146	6,777	20,291	2,994	2,523
96	3 548	2,194	5,868	2,674	2,203	96	7 660	4,737	13,514	2,853	2,382
97	2 509	1,437	3,674	2,557	2,086	97	5 632	3,225	8,777	2,721	2,250
98	1 724	0,914	2,237	2,448	1,977	98	4 028	2,136	5,552	2,599	2,128
99	1 149	0,564	1,323	2,346	1,875	99	2 799	1,374	3,416	2,486	2,015
100	742	0,337	0,759	2,251	1,780	100	1 887	0,858	2,042	2,380	1,909

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 8,25%

x	l_x	D_x	N_x	$ä_x$	$^{(12)}ä_x$	y	l_y	D_y	N_y	$ä_y$	$^{(12)}ä_y$
			Männer						Frauen		
0	100 000	100 000,000	1 299 810,452	12,998	12,527	0	100 000	100 000,000	1 303 338,965	13,033	12,562
1	99 613	92 021,449	1 199 810,452	13,038	12,567	1	99 685	92 087,512	1 203 338,965	13,067	12,596
2	99 581	84 980,451	1 107 789,003	13,036	12,564	2	99 658	85 046,840	1 111 251,453	13,066	12,595
3	99 562	78 489,063	1 022 808,552	13,031	12,560	3	99 644	78 553,508	1 026 204,613	13,064	12,592
4	99 548	72 497,135	944 319,489	13,026	12,554	4	99 632	72 558,643	947 651,105	13,060	12,589
5	99 535	66 963,056	871 822,353	13,019	12,548	5	99 621	67 020,781	875 092,462	13,057	12,586
6	99 524	61 852,953	804 859,297	13,012	12,541	6	99 610	61 906,704	808 071,681	13,053	12,582
7	99 513	57 132,949	743 006,345	13,005	12,533	7	99 602	57 183,660	746 164,977	13,049	12,577
8	99 505	52 774,357	685 873,396	12,996	12,525	8	99 593	52 821,019	688 981,317	13,044	12,572
9	99 497	48 748,232	633 099,038	12,987	12,516	9	99 586	48 791,805	636 160,298	13,038	12,567
10	99 489	45 029,472	584 350,806	12,977	12,506	10	99 579	45 070,151	587 368,494	13,032	12,561
11	99 480	41 593,948	539 321,333	12,966	12,495	11	99 572	41 632,289	542 298,342	13,026	12,554
12	99 472	38 420,673	497 727,386	12,955	12,483	12	99 564	38 456,314	500 666,054	13,019	12,548
13	99 461	35 488,588	459 306,713	12,942	12,471	13	99 556	35 522,603	462 209,740	13,012	12,540
14	99 450	32 780,280	423 818,125	12,929	12,458	14	99 547	32 812,398	426 687,137	13,004	12,532
15	99 435	30 277,469	391 037,845	12,915	12,444	15	99 536	30 308,399	393 874,738	12,996	12,524
16	99 417	27 964,968	360 760,376	12,900	12,429	16	99 524	27 994,999	363 566,339	12,987	12,515
17	99 391	25 826,980	332 795,408	12,886	12,414	17	99 508	25 857,452	335 571,340	12,978	12,506
18	99 358	23 850,559	306 968,428	12,870	12,399	18	99 493	23 882,958	309 713,888	12,968	12,497
19	99 310	22 022,241	283 117,868	12,856	12,385	19	99 470	22 057,740	285 830,930	12,958	12,487
20	99 261	20 333,930	261 095,627	12,840	12,369	20	99 449	20 372,456	263 773,191	12,948	12,476
21	99 208	18 774,127	240 761,698	12,824	12,353	21	99 427	18 815,643	243 400,734	12,936	12,465
22	99 154	17 333,932	221 987,571	12,807	12,335	22	99 406	17 378,019	224 585,091	12,924	12,452
23	99 101	16 004,361	204 653,639	12,787	12,316	23	99 384	16 049,996	207 207,073	12,910	12,439
24	99 050	14 776,900	188 649,277	12,766	12,295	24	99 361	14 823,397	191 157,077	12,896	12,424
25	98 994	13 643,078	173 872,377	12,744	12,273	25	99 341	13 690,901	176 333,680	12,880	12,408
26	98 940	12 596,381	160 229,299	12,720	12,249	26	99 319	12 644,701	162 642,779	12,863	12,391
27	98 882	11 629,618	147 632,918	12,695	12,223	27	99 296	11 678,253	149 998,078	12,844	12,373
28	98 820	10 736,496	136 003,300	12,667	12,196	28	99 269	10 785,326	138 319,825	12,825	12,353
29	98 760	9 912,281	125 266,804	12,638	12,166	29	99 244	9 960,830	127 534,499	12,804	12,332
30	98 695	9 150,821	115 354,522	12,606	12,134	30	99 216	9 199,051	117 573,669	12,781	12,310
31	98 632	8 448,005	106 203,702	12,571	12,100	31	99 188	8 495,563	108 374,618	12,757	12,285
32	98 562	7 798,591	97 755,697	12,535	12,064	32	99 158	7 845,725	99 879,055	12,730	12,259
33	98 489	7 198,945	89 957,106	12,496	12,024	33	99 122	7 245,214	92 033,330	12,703	12,231
34	98 414	6 645,220	82 758,161	12,454	11,982	34	99 086	6 690,591	84 788,116	12,673	12,201
35	98 336	6 133,902	76 112,941	12,409	11,937	35	99 044	6 178,059	78 097,525	12,641	12,170
36	98 254	5 661,662	69 979,039	12,360	11,889	36	99 005	5 704,944	71 919,466	12,607	12,135
37	98 167	5 225,566	64 317,377	12,308	11,837	37	98 958	5 267,651	66 214,522	12,570	12,099
38	98 074	4 822,732	59 091,811	12,253	11,781	38	98 905	4 863,594	60 946,871	12,531	12,060
39	97 966	4 450,283	54 269,079	12,195	11,723	39	98 850	4 490,426	56 083,277	12,490	12,018
40	97 854	4 106,396	49 818,796	12,132	11,661	40	98 784	4 145,455	51 592,851	12,446	11,974
41	97 728	3 788,571	45 712,400	12,066	11,594	41	98 715	3 826,815	47 447,396	12,399	11,927
42	97 594	3 495,042	41 923,829	11,995	11,524	42	98 636	3 532,331	43 620,581	12,349	11,878
43	97 445	3 223,738	38 428,787	11,921	11,449	43	98 548	3 260,219	40 088,250	12,296	11,825
44	97 271	2 972,738	35 205,049	11,843	11,371	44	98 447	3 008,666	36 828,031	12,241	11,769
45	97 078	2 740,715	32 232,311	11,761	11,289	45	98 336	2 776,246	33 819,365	12,182	11,710
46	96 863	2 526,231	29 491,595	11,674	11,203	46	98 211	2 561,406	31 043,119	12,120	11,648
47	96 623	2 327,928	26 965,364	11,583	11,112	47	98 073	2 362,861	28 481,713	12,054	11,582
48	96 344	2 144,303	24 637,436	11,490	11,018	48	97 913	2 179,212	26 118,852	11,985	11,514
49	96 035	1 974,527	22 493,133	11,392	10,920	49	97 740	2 009,569	23 939,639	11,913	11,441

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 8,25%

x	l_x	D_x	N_x	$ä_x$	$^{(12)}ä_x$	y	l_y	D_y	N_y	$ä_y$	$^{(12)}ä_y$
			Männer						Frauen		
50	95 691	1 817,506	20 518,606	11,289	10,818	50	97 538	1 852,595	21 930,070	11,837	11,366
51	95 308	1 672,273	18 701,100	11,183	10,712	51	97 324	1 707,634	20 077,475	11,757	11,286
52	94 857	1 537,516	17 028,827	11,076	10,604	52	97 085	1 573,631	18 369,841	11,674	11,202
53	94 382	1 413,228	15 491,311	10,962	10,490	53	96 819	1 449,710	16 796,210	11,586	11,114
54	93 861	1 298,316	14 078,083	10,843	10,372	54	96 528	1 335,198	15 346,500	11,494	11,022
55	93 280	1 191,941	12 779,767	10,722	10,250	55	96 220	1 229,503	14 011,302	11,396	10,924
56	92 649	1 093,650	11 587,827	10,596	10,124	56	95 879	1 131,775	12 781,800	11,294	10,822
57	91 974	1 002,936	10 494,177	10,463	9,992	57	95 517	1 041,576	11 650,025	11,185	10,714
58	91 234	919,046	9 491,241	10,327	9,856	58	95 135	958,349	10 608,449	11,070	10,598
59	90 431	841,537	8 572,196	10,186	9,715	59	94 716	881,405	9 650,100	10,949	10,477
60	89 568	769,982	7 730,659	10,040	9,569	60	94 268	810,386	8 768,695	10,820	10,349
61	88 638	703,908	6 960,677	9,889	9,417	61	93 760	744,590	7 958,309	10,688	10,217
62	87 648	643,001	6 256,768	9,731	9,259	62	93 222	683,890	7 213,720	10,548	10,077
63	86 597	586,876	5 613,767	9,566	9,094	63	92 634	627,784	6 529,830	10,401	9,930
64	85 502	535,294	5 026,892	9,391	8,919	64	92 009	576,031	5 902,046	10,246	9,775
65	84 297	487,527	4 491,598	9,213	8,742	65	91 333	528,220	5 326,014	10,083	9,612
66	83 028	443,589	4 004,071	9,027	8,555	66	90 620	484,152	4 797,795	9,910	9,438
67	81 654	403,004	3 560,481	8,835	8,363	67	89 845	443,428	4 313,643	9,728	9,257
68	80 194	365,634	3 157,477	8,636	8,164	68	89 024	405,892	3 870,215	9,535	9,064
69	78 659	331,300	2 791,844	8,427	7,956	69	88 160	371,317	3 464,323	9,330	8,858
70	77 011	299,641	2 460,543	8,212	7,740	70	87 223	339,375	3 093,006	9,114	8,642
71	75 258	270,503	2 160,902	7,988	7,517	71	86 211	309,872	2 753,632	8,886	8,415
72	73 382	243,658	1 890,400	7,758	7,287	72	85 101	282,570	2 443,760	8,648	8,177
73	71 393	218,986	1 646,742	7,520	7,048	73	83 869	257,255	2 161,190	8,401	7,930
74	69 262	196,258	1 427,756	7,275	6,803	74	82 505	233,785	1 903,935	8,144	7,673
75	66 916	175,161	1 231,498	7,031	6,559	75	80 970	211,949	1 670,151	7,880	7,409
76	64 411	155,753	1 056,337	6,782	6,311	76	79 232	191,594	1 458,202	7,611	7,139
77	61 730	137,895	900,583	6,531	6,060	77	77 292	172,657	1 266,608	7,336	6,865
78	58 844	121,431	762,689	6,281	5,809	78	75 149	155,077	1 093,951	7,054	6,583
79	55 736	106,251	641,258	6,035	5,564	79	72 739	138,664	938,874	6,771	6,299
80	52 456	92,377	535,006	5,792	5,320	80	70 098	123,445	800,210	6,482	6,011
81	49 044	79,785	442,630	5,548	5,076	81	67 171	109,274	676,765	6,193	5,722
82	45 471	68,335	362,844	5,310	4,838	82	63 974	96,142	567,491	5,903	5,431
83	41 818	58,056	294,510	5,073	4,601	83	60 446	83,917	471,348	5,617	5,145
84	38 142	48,917	236,453	4,834	4,362	84	56 655	72,660	387,431	5,332	4,861
85	34 397	40,752	187,536	4,602	4,130	85	52 558	62,269	314,771	5,055	4,584
86	30 660	33,556	146,785	4,374	3,903	86	48 209	52,763	252,502	4,786	4,314
87	26 953	27,251	113,228	4,155	3,684	87	43 667	44,149	199,739	4,524	4,053
88	23 308	21,769	85,978	3,949	3,478	88	38 938	36,368	155,590	4,278	3,807
89	19 851	17,128	64,208	3,749	3,277	89	34 176	29,488	119,223	4,043	3,572
90	16 530	13,176	47,081	3,573	3,102	90	29 340	23,385	89,735	3,837	3,366
91	13 621	10,029	33,905	3,381	2,909	91	24 798	18,259	66,350	3,634	3,162
92	10 899	7,414	23,876	3,220	2,749	92	20 392	13,870	48,090	3,467	2,996
93	8 541	5,367	16,462	3,067	2,596	93	16 533	10,389	34,220	3,294	2,823
94	6 537	3,795	11,095	2,924	2,453	94	13 107	7,608	23,831	3,132	2,661
95	4 880	2,617	7,300	2,790	2,319	95	10 146	5,441	16,224	2,982	2,511
96	3 548	1,757	4,684	2,665	2,194	96	7 660	3,794	10,783	2,842	2,370
97	2 509	1,148	2,926	2,549	2,077	97	5 632	2,577	6,989	2,712	2,240
98	1 724	0,729	1,778	2,440	1,969	98	4 028	1,703	4,411	2,591	2,119
99	1 149	0,449	1,049	2,339	1,868	99	2 799	1,093	2,708	2,478	2,007
100	742	0,268	0,601	2,245	1,774	100	1 887	0,681	1,615	2,373	1,902

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 8,5%

x	l_x	D_x	N_x	$ä_x$	$ä_x^{(12)}$	y	l_y	D_y	N_y	$ä_y$	$ä_y^{(12)}$
			Männer						Frauen		
0	100 000	100 000,000	1 265 196,997	12,652	12,180	0	100 000	100 000,000	1 268 409,118	12,684	12,212
1	99 613	91 809,418	1 165 196,997	12,691	12,220	1	99 685	91 875,328	1 168 409,118	12,717	12,246
2	99 581	84 589,287	1 073 387,579	12,689	12,218	2	99 658	84 655,370	1 076 533,789	12,717	12,245
3	99 562	77 947,762	988 798,292	12,685	12,214	3	99 644	78 011,762	991 878,419	12,714	12,243
4	99 548	71 831,265	910 850,530	12,680	12,209	4	99 632	71 892,208	913 866,657	12,712	12,240
5	99 535	66 195,139	839 019,266	12,675	12,203	5	99 621	66 252,202	841 974,450	12,709	12,237
6	99 524	61 002,753	772 824,127	12,669	12,197	6	99 610	61 055,766	775 722,248	12,705	12,233
7	99 513	56 217,795	711 821,373	12,662	12,190	7	99 602	56 267,694	714 666,482	12,701	12,229
8	99 505	51 809,367	655 603,578	12,654	12,182	8	99 593	51 855,175	658 398,787	12,697	12,225
9	99 497	47 746,591	603 794,211	12,646	12,174	9	99 586	47 789,269	606 543,612	12,692	12,220
10	99 489	44 002,619	556 047,619	12,637	12,165	10	99 579	44 042,370	558 754,344	12,687	12,215
11	99 480	40 551,785	512 045,000	12,627	12,155	11	99 572	40 589,166	514 711,973	12,681	12,209
12	99 472	37 371,710	471 493,215	12,616	12,145	12	99 564	37 406,378	474 122,808	12,675	12,203
13	99 461	34 440,139	434 121,505	12,605	12,133	13	99 556	34 473,149	436 716,430	12,668	12,197
14	99 450	31 738,543	399 681,367	12,593	12,121	14	99 547	31 769,641	402 243,281	12,661	12,189
15	99 435	29 247,723	367 942,823	12,580	12,108	15	99 536	29 277,602	370 473,640	12,654	12,182
16	99 417	26 951,628	338 695,100	12,567	12,095	16	99 524	26 980,570	341 196,038	12,646	12,174
17	99 391	24 833,759	311 743,472	12,553	12,081	17	99 508	24 863,059	314 215,468	12,638	12,166
18	99 358	22 880,503	286 909,713	12,539	12,068	18	99 493	22 911,584	289 352,409	12,629	12,157
19	99 310	21 077,868	264 029,209	12,526	12,055	19	99 470	21 111,844	266 440,825	12,620	12,149
20	99 261	19 417,113	242 951,341	12,512	12,040	20	99 449	19 453,902	245 328,980	12,611	12,139
21	99 208	17 886,331	223 534,228	12,497	12,026	21	99 427	17 925,884	225 875,078	12,600	12,129
22	99 154	16 476,189	205 647,898	12,482	12,010	22	99 406	16 518,094	207 949,194	12,589	12,117
23	99 101	15 177,358	189 171,709	12,464	11,992	23	99 384	15 220,634	191 431,101	12,577	12,105
24	99 050	13 981,036	173 994,351	12,445	11,973	24	99 361	14 025,028	176 210,466	12,564	12,092
25	98 994	12 878,537	160 013,315	12,425	11,953	25	99 341	12 923,680	162 185,438	12,549	12,078
26	98 940	11 863,098	147 134,778	12,403	11,931	26	99 319	11 908,606	149 261,758	12,534	12,062
27	98 882	10 927,378	135 271,680	12,379	11,907	27	99 296	10 973,076	137 353,153	12,517	12,045
28	98 820	10 064,942	124 344,302	12,354	11,882	28	99 269	10 110,717	126 380,077	12,500	12,028
29	98 760	9 270,869	114 279,361	12,327	11,855	29	99 244	9 316,277	116 269,360	12,480	12,008
30	98 695	8 538,961	105 008,491	12,298	11,826	30	99 216	8 583,967	106 953,083	12,460	11,988
31	98 632	7 864,974	96 469,530	12,266	11,794	31	99 188	7 909,251	98 369,116	12,437	11,965
32	98 562	7 243,650	88 604,555	12,232	11,760	32	99 158	7 287,430	90 459,865	12,413	11,941
33	98 489	6 671,268	81 360,905	12,196	11,724	33	99 122	6 714,145	83 172,435	12,388	11,916
34	98 414	6 143,941	74 689,637	12,157	11,685	34	99 086	6 185,889	76 458,290	12,360	11,888
35	98 336	5 658,127	68 545,696	12,115	11,643	35	99 044	5 698,859	70 272,401	12,331	11,859
36	98 254	5 210,483	62 887,570	12,069	11,598	36	99 005	5 250,315	64 573,542	12,299	11,827
37	98 167	4 798,058	57 677,087	12,021	11,549	37	98 958	4 836,701	59 323,227	12,265	11,793
38	98 074	4 417,977	52 879,029	11,969	11,497	38	98 905	4 455,410	54 486,526	12,229	11,757
39	97 966	4 067,393	48 461,052	11,915	11,443	39	98 850	4 104,082	50 031,117	12,191	11,719
40	97 854	3 744,446	44 393,659	11,856	11,384	40	98 784	3 780,062	45 927,035	12,150	11,678
41	97 728	3 446,675	40 649,213	11,794	11,322	41	98 715	3 481,468	42 146,973	12,106	11,634
42	97 594	3 172,308	37 202,539	11,727	11,255	42	98 636	3 206,154	38 665,505	12,060	11,588
43	97 445	2 919,315	34 030,230	11,657	11,185	43	98 548	2 952,351	35 459,351	12,011	11,539
44	97 271	2 685,815	31 110,916	11,583	11,112	44	98 447	2 718,274	32 507,001	11,959	11,487
45	97 078	2 470,481	28 425,101	11,506	11,034	45	98 336	2 502,508	29 788,727	11,904	11,432
46	96 863	2 271,897	25 954,620	11,424	10,952	46	98 211	2 303,532	27 286,219	11,845	11,374
47	96 623	2 088,735	23 682,723	11,338	10,867	47	98 073	2 120,079	24 982,687	11,784	11,312
48	96 344	1 919,544	21 593,988	11,250	10,778	48	97 913	1 950,795	22 862,608	11,720	11,248
49	96 035	1 763,491	19 674,444	11,157	10,685	49	97 740	1 794,788	20 911,813	11,651	11,180

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 8,5%

x	l_x	D_x	N_x	$ä_x$	$ä_x^{(12)}$	y	l_y	D_y	N_y	$ä_y$	$ä_y^{(12)}$
			Männer						Frauen		
50	95 691	1 619,513	17 910,952	11,059	10,588	50	97 538	1 650,779	19 117,026	11,581	11,109
51	95 308	1 486,667	16 291,440	10,958	10,487	51	97 324	1 518,103	17 466,247	11,505	11,034
52	94 857	1 363,717	14 804,773	10,856	10,384	52	97 085	1 395,750	15 948,144	11,426	10,954
53	94 382	1 250,590	13 441,056	10,748	10,276	53	96 819	1 282,874	14 552,394	11,344	10,872
54	93 861	1 146,256	12 190,466	10,635	10,163	54	96 528	1 178,817	13 269,520	11,257	10,785
55	93 280	1 049,914	11 044,210	10,519	10,047	55	96 220	1 083,000	12 090,702	11,164	10,692
56	92 649	961,116	9 994,296	10,399	9,927	56	95 879	994,620	11 007,702	11,067	10,595
57	91 974	879,364	9 033,181	10,272	9,801	57	95 517	913,243	10 013,081	10,964	10,493
58	91 234	803,953	8 153,817	10,142	9,670	58	95 135	838,335	9 099,838	10,855	10,383
59	90 431	734,454	7 349,864	10,007	9,535	59	94 716	769,249	8 261,504	10,740	10,268
60	89 568	670,457	6 615,409	9,867	9,395	60	94 268	705,638	7 492,254	10,618	10,146
61	88 638	611,511	5 944,953	9,722	9,250	61	93 760	646,852	6 786,616	10,492	10,020
62	87 648	557,312	5 333,442	9,570	9,098	62	93 222	592,751	6 139,764	10,358	9,886
63	86 597	507,494	4 776,130	9,411	8,939	63	92 634	542,869	5 547,013	10,218	9,746
64	85 502	461,822	4 268,636	9,243	8,771	64	92 009	496,969	5 004,144	10,069	9,598
65	84 297	419,643	3 806,814	9,072	8,600	65	91 333	454,669	4 507,176	9,913	9,441
66	83 028	380,943	3 387,171	8,892	8,420	66	90 620	415,777	4 052,506	9,747	9,275
67	81 654	345,292	3 006,228	8,706	8,235	67	89 845	379,927	3 636,729	9,572	9,100
68	80 194	312,551	2 660,936	8,514	8,042	68	89 024	346,965	3 256,802	9,387	8,915
69	78 659	282,550	2 348,385	8,311	7,840	69	88 160	316,678	2 909,837	9,189	8,717
70	77 011	254,961	2 065,835	8,103	7,631	70	87 223	288,769	2 593,159	8,980	8,508
71	75 258	229,637	1 810,874	7,886	7,414	71	86 211	263,058	2 304,390	8,760	8,288
72	73 382	206,371	1 581,237	7,662	7,190	72	85 101	239,328	2 041,331	8,529	8,058
73	71 393	185,047	1 374,867	7,430	6,958	73	83 869	217,385	1 802,004	8,289	7,818
74	69 262	165,460	1 189,819	7,191	6,719	74	82 505	197,097	1 584,618	8,040	7,568
75	66 916	147,333	1 024,360	6,953	6,481	75	80 970	178,276	1 387,521	7,783	7,311
76	64 411	130,707	877,027	6,710	6,238	76	79 232	160,784	1 209,245	7,521	7,049
77	61 730	115,454	746,320	6,464	5,992	77	77 292	144,558	1 048,461	7,253	6,781
78	58 844	101,435	630,867	6,219	5,748	78	75 149	129,540	903,903	6,978	6,506
79	55 736	88,550	529,432	5,979	5,507	79	72 739	115,563	774,363	6,701	6,229
80	52 456	76,810	440,882	5,740	5,268	80	70 098	102,643	658,800	6,418	5,947
81	49 044	66,187	364,072	5,501	5,029	81	67 171	90,650	556,157	6,135	5,663
82	45 471	56,558	297,885	5,267	4,795	82	63 974	79,573	465,507	5,850	5,378
83	41 818	47,940	241,327	5,034	4,562	83	60 446	69,295	385,934	5,569	5,098
84	38 142	40,300	193,388	4,799	4,327	84	56 655	59,861	316,639	5,290	4,818
85	34 397	33,496	153,087	4,570	4,099	85	52 558	51,182	256,779	5,017	4,545
86	30 660	27,518	119,592	4,346	3,874	86	48 209	43,268	205,597	4,752	4,280
87	26 953	22,296	92,074	4,130	3,658	87	43 667	36,121	162,329	4,494	4,022
88	23 308	17,770	69,778	3,927	3,455	88	38 938	29,686	126,208	4,251	3,780
89	19 851	13,949	52,008	3,729	3,257	89	34 176	24,015	96,521	4,019	3,547
90	16 530	10,706	38,060	3,555	3,083	90	29 340	19,001	72,507	3,816	3,344
91	13 621	8,130	27,354	3,364	2,893	91	24 798	14,802	53,506	3,615	3,143
92	10 899	5,996	19,224	3,206	2,734	92	20 392	11,218	38,704	3,450	2,978
93	8 541	4,331	13,228	3,054	2,583	93	16 533	8,383	27,486	3,279	2,807
94	6 537	3,055	8,897	2,912	2,441	94	13 107	6,125	19,103	3,119	2,647
95	4 880	2,102	5,842	2,780	2,308	95	10 146	4,370	12,978	2,970	2,498
96	3 548	1,408	3,740	2,656	2,184	96	7 660	3,041	8,608	2,831	2,359
97	2 509	0,918	2,332	2,540	2,069	97	5 632	2,061	5,568	2,702	2,230
98	1 724	0,581	1,414	2,433	1,961	98	4 028	1,358	3,507	2,582	2,110
99	1 149	0,357	0,833	2,333	1,861	99	2 799	0,870	2,149	2,470	1,999
100	742	0,212	0,476	2,239	1,767	100	1 887	0,540	1,279	2,367	1,895

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 8,75%

x	l_x	D_x	N_x	$ä_x$	$^{(12)}ä_x$	y	l_y	D_y	N_y	$ä_y$	$^{(12)}ä_y$
			Männer						Frauen		
0	100 000	100 000,000	1 232 478,135	12,325	11,853	0	100 000	100 000,000	1 235 412,952	12,354	11,882
1	99 613	91 598,362	1 132 478,135	12,364	11,891	1	99 685	91 664,121	1 135 412,952	12,387	11,914
2	99 581	84 200,818	1 040 879,774	12,362	11,890	2	99 658	84 266,597	1 043 748,831	12,386	11,914
3	99 562	77 411,426	956 678,956	12,358	11,886	3	99 644	77 474,985	959 482,234	12,384	11,912
4	99 548	71 173,021	879 267,530	12,354	11,882	4	99 632	71 233,406	882 007,249	12,382	11,910
5	99 535	65 437,766	808 094,509	12,349	11,877	5	99 621	65 494,176	810 773,843	12,379	11,907
6	99 524	60 166,157	742 656,743	12,343	11,871	6	99 610	60 218,442	745 279,667	12,376	11,904
7	99 513	55 319,356	682 490,586	12,337	11,865	7	99 602	55 368,458	685 061,224	12,373	11,901
8	99 505	50 864,183	627 171,230	12,330	11,858	8	99 593	50 909,155	629 692,766	12,369	11,897
9	99 497	46 767,766	576 307,047	12,323	11,851	9	99 586	46 809,568	578 783,612	12,365	11,892
10	99 489	43 001,465	529 539,281	12,314	11,842	10	99 579	43 040,312	531 974,043	12,360	11,888
11	99 480	39 538,043	486 537,816	12,306	11,833	11	99 572	39 574,490	488 933,731	12,355	11,883
12	99 472	36 353,701	446 999,772	12,296	11,824	12	99 564	36 387,425	449 359,242	12,349	11,877
13	99 461	33 424,971	410 646,071	12,286	11,813	13	99 556	33 457,008	412 971,817	12,343	11,871
14	99 450	30 732,197	377 221,100	12,274	11,802	14	99 547	30 762,309	379 514,809	12,337	11,865
15	99 435	28 255,250	346 488,903	12,263	11,791	15	99 536	28 284,115	348 752,500	12,330	11,858
16	99 417	25 977,214	318 233,653	12,250	11,778	16	99 524	26 005,110	320 468,386	12,323	11,851
17	99 391	23 880,890	292 256,440	12,238	11,766	17	99 508	23 909,065	294 463,276	12,316	11,844
18	99 358	21 951,999	268 375,550	12,226	11,753	18	99 493	21 981,819	270 554,211	12,308	11,836
19	99 310	20 176,027	246 423,551	12,214	11,741	19	99 470	20 208,550	248 572,392	12,300	11,828
20	99 261	18 543,602	226 247,524	12,201	11,729	20	99 449	18 578,737	228 363,842	12,292	11,819
21	99 208	17 042,417	207 703,921	12,187	11,715	21	99 427	17 080,103	209 785,105	12,282	11,810
22	99 154	15 662,719	190 661,504	12,173	11,701	22	99 406	15 702,555	192 705,002	12,272	11,800
23	99 101	14 394,847	174 998,785	12,157	11,685	23	99 384	14 435,892	177 002,447	12,261	11,789
24	99 050	13 229,721	160 603,938	12,140	11,667	24	99 361	13 271,349	162 566,555	12,249	11,777
25	98 994	12 158,453	147 374,217	12,121	11,649	25	99 341	12 201,073	149 295,206	12,236	11,764
26	98 940	11 174,045	135 215,764	12,101	11,629	26	99 319	11 216,909	137 094,133	12,222	11,750
27	98 882	10 269,014	124 041,719	12,079	11,607	27	99 296	10 311,958	125 877,224	12,207	11,735
28	98 820	9 436,794	113 772,706	12,056	11,584	28	99 269	9 479,713	115 565,266	12,191	11,719
29	98 760	8 672,298	104 335,911	12,031	11,559	29	99 244	8 714,773	106 085,553	12,173	11,701
30	98 695	7 969,282	95 663,614	12,004	11,532	30	99 216	8 011,285	97 370,780	12,154	11,682
31	98 632	7 323,387	87 694,331	11,975	11,502	31	99 188	7 364,614	89 359,495	12,134	11,661
32	98 562	6 729,342	80 370,945	11,943	11,471	32	99 158	6 770,014	81 994,880	12,111	11,639
33	98 489	6 183,352	73 641,602	11,910	11,437	33	99 122	6 223,093	75 224,867	12,088	11,616
34	98 414	5 681,501	67 458,250	11,873	11,401	34	99 086	5 720,292	69 001,774	12,063	11,590
35	98 336	5 220,225	61 776,750	11,834	11,362	35	99 044	5 257,804	63 281,482	12,036	11,564
36	98 254	4 796,174	56 556,525	11,792	11,320	36	99 005	4 832,840	58 023,677	12,006	11,534
37	98 167	4 406,391	51 760,350	11,747	11,274	37	98 958	4 441,879	53 190,837	11,975	11,503
38	98 074	4 048,009	47 353,960	11,698	11,226	38	98 905	4 082,306	48 748,959	11,942	11,469
39	97 966	3 718,215	43 305,951	11,647	11,175	39	98 850	3 751,755	44 666,652	11,906	11,433
40	97 854	3 415,124	39 587,736	11,592	11,120	40	98 784	3 447,607	40 914,897	11,868	11,395
41	97 728	3 136,315	36 172,612	11,533	11,061	41	98 715	3 167,975	37 467,290	11,827	11,355
42	97 594	2 880,018	33 036,297	11,471	10,999	42	98 636	2 910,745	34 299,315	11,784	11,312
43	97 445	2 644,242	30 156,279	11,405	10,932	43	98 548	2 674,165	31 388,570	11,738	11,266
44	97 271	2 427,151	27 512,037	11,335	10,863	44	98 447	2 456,485	28 714,404	11,689	11,217
45	97 078	2 227,423	25 084,886	11,262	10,790	45	98 336	2 256,299	26 257,920	11,638	11,165
46	96 863	2 043,668	22 857,463	11,185	10,712	46	98 211	2 072,125	24 001,620	11,583	11,111
47	96 623	1 874,587	20 813,794	11,103	10,631	47	98 073	1 902,717	21 929,496	11,525	11,053
48	96 344	1 718,782	18 939,207	11,019	10,547	48	97 913	1 746,764	20 026,778	11,465	10,993
49	96 035	1 575,420	17 220,425	10,931	10,459	49	97 740	1 603,379	18 280,014	11,401	10,929

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 8,75%

x	l_x	D_x	N_x	$\ddot{a}_x$	$\ddot{a}_x^{(12)}$	y	l_y	D_y	N_y	$\ddot{a}_y$	$\ddot{a}_y^{(12)}$
			Männer						Frauen		
50	95 691	1 443,471	15 645,005	10,838	10,366	50	97 538	1 471,338	16 676,635	11,334	10,862
51	95 308	1 322,019	14 201,534	10,742	10,270	51	97 324	1 349,974	15 205,297	11,263	10,791
52	94 857	1 209,898	12 879,515	10,645	10,173	52	97 085	1 238,318	13 855,323	11,189	10,717
53	94 382	1 106,981	11 669,617	10,542	10,070	53	96 819	1 135,557	12 617,005	11,111	10,639
54	93 861	1 012,295	10 562,636	10,434	9,962	54	96 528	1 041,051	11 481,448	11,029	10,557
55	93 280	925,081	9 550,341	10,324	9,852	55	96 220	954,233	10 440,396	10,941	10,469
56	92 649	844,894	8 625,260	10,209	9,737	56	95 879	874,347	9 486,163	10,849	10,377
57	91 974	771,251	7 780,367	10,088	9,616	57	95 517	800,964	8 611,816	10,752	10,280
58	91 234	703,490	7 009,116	9,963	9,491	58	95 135	733,576	7 810,851	10,648	10,175
59	90 431	641,199	6 305,626	9,834	9,362	59	94 716	671,576	7 077,276	10,538	10,066
60	89 568	583,981	5 664,427	9,700	9,227	60	94 268	614,625	6 405,700	10,422	9,950
61	88 638	531,414	5 080,445	9,560	9,088	61	93 760	562,126	5 791,075	10,302	9,830
62	87 648	483,201	4 549,031	9,414	8,942	62	93 222	513,927	5 228,949	10,174	9,702
63	86 597	438,996	4 065,830	9,262	8,789	63	92 634	469,596	4 715,021	10,041	9,568
64	85 502	398,570	3 626,835	9,100	8,627	64	92 009	428,903	4 245,425	9,898	9,426
65	84 297	361,335	3 228,264	8,934	8,462	65	91 333	391,495	3 816,522	9,749	9,276
66	83 028	327,259	2 866,929	8,760	8,288	66	90 620	357,184	3 425,027	9,589	9,117
67	81 654	295,950	2 539,670	8,581	8,109	67	89 845	325,635	3 067,843	9,421	8,949
68	80 194	267,272	2 243,720	8,395	7,923	68	89 024	296,700	2 742,208	9,242	8,770
69	78 659	241,061	1 976,448	8,199	7,727	69	88 160	270,179	2 445,507	9,051	8,579
70	77 011	217,023	1 735,387	7,996	7,524	70	87 223	245,801	2 175,329	8,850	8,378
71	75 258	195,018	1 518,363	7,786	7,314	71	86 211	223,401	1 929,528	8,637	8,165
72	73 382	174,857	1 323,345	7,568	7,096	72	85 101	202,781	1 706,126	8,414	7,941
73	71 393	156,429	1 148,489	7,342	6,870	73	83 869	183,766	1 503,345	8,181	7,709
74	69 262	139,549	992,060	7,109	6,637	74	82 505	166,232	1 319,580	7,938	7,466
75	66 916	123,975	852,511	6,876	6,404	75	80 970	150,013	1 153,347	7,688	7,216
76	64 411	109,732	728,535	6,639	6,167	76	79 232	134,983	1 003,335	7,433	6,961
77	61 730	96,704	618,803	6,399	5,927	77	77 292	121,082	868,352	7,172	6,699
78	58 844	84,766	522,099	6,159	5,687	78	75 149	108,253	747,270	6,903	6,431
79	55 736	73,829	437,333	5,924	5,451	79	72 739	96,351	639,017	6,632	6,160
80	52 456	63,893	363,504	5,689	5,217	80	70 098	85,382	542,666	6,356	5,884
81	49 044	54,930	299,611	5,454	4,982	81	67 171	75,233	457,284	6,078	5,606
82	45 471	46,831	244,681	5,225	4,753	82	63 974	65,887	382,051	5,799	5,326
83	41 818	39,604	197,850	4,996	4,524	83	60 446	57,245	316,163	5,523	5,051
84	38 142	33,216	158,247	4,764	4,292	84	56 655	49,338	258,918	5,248	4,776
85	34 397	27,544	125,031	4,539	4,067	85	52 558	42,088	209,580	4,980	4,507
86	30 660	22,577	97,486	4,318	3,846	86	48 209	35,499	167,492	4,718	4,246
87	26 953	18,250	74,910	4,105	3,632	87	43 667	29,567	131,994	4,464	3,992
88	23 308	14,512	56,660	3,904	3,432	88	38 938	24,244	102,427	4,225	3,753
89	19 851	11,365	42,148	3,709	3,236	89	34 176	19,567	78,184	3,996	3,524
90	16 530	8,703	30,783	3,537	3,065	90	29 340	15,446	58,617	3,795	3,323
91	13 621	6,594	22,080	3,349	2,876	91	24 798	12,005	43,171	3,596	3,124
92	10 899	4,852	15,486	3,192	2,720	92	20 392	9,077	31,166	3,433	2,961
93	8 541	3,496	10,634	3,042	2,569	93	16 533	6,768	22,088	3,264	2,792
94	6 537	2,461	7,138	2,901	2,429	94	13 107	4,933	15,321	3,106	2,633
95	4 880	1,689	4,678	2,770	2,297	95	10 146	3,512	10,388	2,958	2,486
96	3 548	1,129	2,989	2,647	2,175	96	7 660	2,438	6,876	2,820	2,348
97	2 509	0,734	1,859	2,532	2,060	97	5 632	1,648	4,438	2,693	2,220
98	1 724	0,464	1,125	2,426	1,953	98	4 028	1,084	2,790	2,573	2,101
99	1 149	0,284	0,661	2,326	1,854	99	2 799	0,693	1,706	2,463	1,991
100	742	0,169	0,377	2,233	1,761	100	1 887	0,429	1,013	2,360	1,888

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 9%

x	l_x	D_x	N_x	$ä_x$	$^{(12)}ä_x$	y	l_y	D_y	N_y	$ä_y$	$^{(12)}ä_y$
			Männer						Frauen		
0	100 000	100 000,000	1 201 507,615	12,015	11,543	0	100 000	100 000,000	1 204 198,715	12,042	11,569
1	99 613	91 388,274	1 101 507,615	12,053	11,580	1	99 685	91 453,882	1 104 198,715	12,074	11,601
2	99 581	83 815,019	1 010 119,341	12,052	11,579	2	99 658	83 880,497	1 012 744,833	12,074	11,601
3	99 562	76 879,999	926 304,323	12,049	11,576	3	99 644	76 943,122	928 864,336	12,072	11,600
4	99 548	70 522,301	849 424,324	12,045	11,572	4	99 632	70 582,133	851 921,214	12,070	11,597
5	99 535	64 690,767	778 902,023	12,040	11,568	5	99 621	64 746,533	781 339,081	12,068	11,595
6	99 524	59 342,915	714 211,256	12,035	11,563	6	99 610	59 394,485	716 592,548	12,065	11,592
7	99 513	54 437,289	654 868,341	12,030	11,557	7	99 602	54 485,608	657 198,062	12,062	11,589
8	99 505	49 938,353	600 431,051	12,023	11,551	8	99 593	49 982,506	602 712,454	12,058	11,586
9	99 497	45 811,186	550 492,699	12,017	11,544	9	99 586	45 852,133	552 729,948	12,055	11,582
10	99 489	42 025,310	504 681,513	12,009	11,536	10	99 579	42 063,275	506 877,815	12,050	11,578
11	99 480	38 551,885	462 656,202	12,001	11,528	11	99 572	38 587,422	464 814,539	12,046	11,573
12	99 472	35 365,667	424 104,317	11,992	11,519	12	99 564	35 398,474	426 227,117	12,041	11,568
13	99 461	32 441,955	388 738,651	11,983	11,510	13	99 556	32 473,050	390 828,644	12,035	11,563
14	99 450	29 759,961	356 296,696	11,972	11,500	14	99 547	29 789,120	358 355,594	12,030	11,557
15	99 435	27 298,618	326 536,735	11,962	11,489	15	99 536	27 326,506	328 566,474	12,024	11,551
16	99 417	25 040,145	299 238,116	11,950	11,478	16	99 524	25 067,035	301 239,968	12,017	11,545
17	99 391	22 966,645	274 197,971	11,939	11,466	17	99 508	22 993,741	276 172,933	12,011	11,538
18	99 358	21 063,178	251 231,326	11,928	11,455	18	99 493	21 091,790	253 179,191	12,004	11,531
19	99 310	19 314,712	230 168,148	11,917	11,444	19	99 470	19 345,847	232 087,401	11,997	11,524
20	99 261	17 711,260	210 853,436	11,905	11,432	20	99 449	17 744,817	212 741,554	11,989	11,516
21	99 208	16 240,123	193 142,176	11,893	11,420	21	99 427	16 276,035	194 996,737	11,981	11,508
22	99 154	14 891,143	176 902,053	11,880	11,407	22	99 406	14 929,017	178 720,702	11,971	11,499
23	99 101	13 654,340	162 010,910	11,865	11,393	23	99 384	13 693,273	163 791,685	11,961	11,489
24	99 050	12 520,368	148 356,570	11,849	11,377	24	99 361	12 559,765	150 098,412	11,951	11,478
25	98 994	11 480,149	135 836,202	11,832	11,360	25	99 341	11 520,391	137 538,647	11,939	11,466
26	98 940	10 526,461	124 356,052	11,814	11,341	26	99 319	10 566,841	126 018,256	11,926	11,453
27	98 882	9 651,692	113 829,592	11,794	11,321	27	99 296	9 692,055	115 451,416	11,912	11,439
28	98 820	8 849,159	104 177,900	11,773	11,300	28	99 269	8 889,405	105 759,361	11,897	11,425
29	98 760	8 113,616	95 328,741	11,749	11,277	29	99 244	8 153,355	96 869,956	11,881	11,408
30	98 695	7 438,789	87 215,125	11,724	11,252	30	99 216	7 477,996	88 716,601	11,864	11,391
31	98 632	6 820,210	79 776,336	11,697	11,224	31	99 188	6 858,605	81 238,605	11,845	11,372
32	98 562	6 252,608	72 956,126	11,668	11,196	32	99 158	6 290,398	74 380,000	11,824	11,352
33	98 489	5 732,120	66 703,518	11,637	11,164	33	99 122	5 768,961	68 089,602	11,803	11,330
34	98 414	5 254,812	60 971,398	11,603	11,130	34	99 086	5 290,690	62 320,641	11,779	11,307
35	98 336	4 817,104	55 716,586	11,566	11,094	35	99 044	4 851,782	57 029,951	11,754	11,282
36	98 254	4 415,650	50 899,481	11,527	11,055	36	99 005	4 449,406	52 178,168	11,727	11,254
37	98 167	4 047,486	46 483,832	11,485	11,012	37	98 958	4 080,084	47 728,763	11,698	11,225
38	98 074	3 709,767	42 436,345	11,439	10,967	38	98 905	3 741,199	43 648,679	11,667	11,194
39	97 966	3 399,715	38 726,579	11,391	10,919	39	98 850	3 430,381	39 907,480	11,634	11,161
40	97 854	3 115,424	35 326,864	11,339	10,867	40	98 784	3 145,057	36 477,099	11,598	11,126
41	97 728	2 854,520	32 211,440	11,284	10,812	41	98 715	2 883,336	33 332,042	11,560	11,088
42	97 594	2 615,239	29 356,920	11,225	10,753	42	98 636	2 643,142	30 448,706	11,520	11,047
43	97 445	2 395,633	26 741,680	11,163	10,690	43	98 548	2 422,742	27 805,564	11,477	11,004
44	97 271	2 193,909	24 346,047	11,097	10,625	44	98 447	2 220,424	25 382,822	11,432	10,959
45	97 078	2 008,756	22 152,138	11,028	10,555	45	98 336	2 034,798	23 162,398	11,383	10,911
46	96 863	1 838,814	20 143,382	10,955	10,482	46	98 211	1 864,418	21 127,600	11,332	10,859
47	96 623	1 682,812	18 304,568	10,877	10,405	47	98 073	1 708,065	19 263,183	11,278	10,805
48	96 344	1 539,408	16 621,756	10,797	10,325	48	97 913	1 564,470	17 555,118	11,221	10,749
49	96 035	1 407,771	15 082,348	10,714	10,241	49	97 740	1 432,755	15 990,648	11,161	10,688

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 9%

x	l_x	D_x	N_x	$ä_x$	$ä_x^{(12)}$	y	l_y	D_y	N_y	$ä_y$	$ä_y^{(12)}$
			Männer						Frauen		
50	95 691	1 286,905	13 674,577	10,626	10,153	50	97 538	1 311,749	14 557,893	11,098	10,626
51	95 308	1 175,923	12 387,673	10,534	10,062	51	97 324	1 200,789	13 246,144	11,031	10,559
52	94 857	1 073,724	11 211,750	10,442	9,969	52	97 085	1 098,945	12 045,355	10,961	10,488
53	94 382	980,137	10 138,025	10,343	9,871	53	96 819	1 005,439	10 946,410	10,887	10,415
54	93 861	894,245	9 157,888	10,241	9,768	54	96 528	919,648	9 940,971	10,810	10,337
55	93 280	815,327	8 263,644	10,135	9,663	55	96 220	841,021	9 021,323	10,727	10,254
56	92 649	742,946	7 448,316	10,025	9,553	56	95 879	768,845	8 180,302	10,640	10,167
57	91 974	676,633	6 705,371	9,910	9,437	57	95 517	702,702	7 411,457	10,547	10,075
58	91 234	615,770	6 028,737	9,791	9,318	58	95 135	642,104	6 708,755	10,448	9,976
59	90 431	559,959	5 412,967	9,667	9,194	59	94 716	586,487	6 066,651	10,344	9,871
60	89 568	508,821	4 853,008	9,538	9,065	60	94 268	535,521	5 480,165	10,233	9,761
61	88 638	461,957	4 344,187	9,404	8,931	61	93 760	488,656	4 944,644	10,119	9,646
62	87 648	419,082	3 882,230	9,264	8,791	62	93 222	445,732	4 455,988	9,997	9,524
63	86 597	379,870	3 463,148	9,117	8,644	63	92 634	406,349	4 010,257	9,869	9,396
64	85 502	344,098	3 083,278	8,960	8,488	64	92 009	370,285	3 603,908	9,733	9,260
65	84 297	311,236	2 739,180	8,801	8,328	65	91 333	337,214	3 233,623	9,589	9,117
66	83 028	281,238	2 427,944	8,633	8,160	66	90 620	306,955	2 896,408	9,436	8,963
67	81 654	253,749	2 146,706	8,460	7,987	67	89 845	279,201	2 589,454	9,275	8,802
68	80 194	228,635	1 892,957	8,279	7,807	68	89 024	253,809	2 310,252	9,102	8,630
69	78 659	205,740	1 664,323	8,089	7,617	69	88 160	230,591	2 056,444	8,918	8,446
70	77 011	184,799	1 458,583	7,893	7,420	70	87 223	209,304	1 825,853	8,723	8,251
71	75 258	165,680	1 273,783	7,688	7,216	71	86 211	189,794	1 616,549	8,517	8,045
72	73 382	148,211	1 108,103	7,477	7,004	72	85 101	171,881	1 426,755	8,301	7,828
73	71 393	132,288	959,892	7,256	6,784	73	83 869	155,406	1 254,875	8,075	7,602
74	69 262	117,742	827,604	7,029	6,556	74	82 505	140,255	1 099,469	7,839	7,366
75	66 916	104,362	709,862	6,802	6,329	75	80 970	126,280	959,214	7,596	7,123
76	64 411	92,160	605,500	6,570	6,098	76	79 232	113,368	832,933	7,347	6,875
77	61 730	81,032	513,339	6,335	5,862	77	77 292	101,460	719,566	7,092	6,620
78	58 844	70,866	432,307	6,100	5,628	78	75 149	90,502	618,106	6,830	6,357
79	55 736	61,581	361,441	5,869	5,397	79	72 739	80,366	527,605	6,565	6,092
80	52 456	53,171	299,860	5,640	5,167	80	70 098	71,054	447,238	6,294	5,822
81	49 044	45,607	246,689	5,409	4,936	81	67 171	62,464	376,184	6,022	5,550
82	45 471	38,793	201,082	5,183	4,711	82	63 974	54,580	313,720	5,748	5,275
83	41 818	32,731	162,289	4,958	4,486	83	60 446	47,312	259,140	5,477	5,005
84	38 142	27,389	129,557	4,730	4,258	84	56 655	40,683	211,829	5,207	4,734
85	34 397	22,660	102,168	4,509	4,036	85	52 558	34,625	171,146	4,943	4,470
86	30 660	18,531	79,508	4,291	3,818	86	48 209	29,137	136,521	4,685	4,213
87	26 953	14,945	60,977	4,080	3,607	87	43 667	24,213	107,383	4,435	3,962
88	23 308	11,857	46,032	3,882	3,410	88	38 938	19,808	83,171	4,199	3,726
89	19 851	9,265	34,175	3,689	3,216	89	34 176	15,950	63,363	3,973	3,500
90	16 530	7,078	24,910	3,519	3,047	90	29 340	12,562	47,413	3,774	3,302
91	13 621	5,351	17,832	3,333	2,860	91	24 798	9,741	34,850	3,578	3,105
92	10 899	3,928	12,482	3,178	2,705	92	20 392	7,349	25,109	3,417	2,944
93	8 541	2,824	8,554	3,029	2,556	93	16 533	5,466	17,760	3,249	2,777
94	6 537	1,983	5,730	2,890	2,417	94	13 107	3,976	12,294	3,092	2,620
95	4 880	1,358	3,747	2,759	2,287	95	10 146	2,823	8,318	2,946	2,474
96	3 548	0,906	2,389	2,638	2,165	96	7 660	1,956	5,495	2,810	2,337
97	2 509	0,588	1,483	2,524	2,052	97	5 632	1,319	3,539	2,683	2,211
98	1 724	0,370	0,896	2,418	1,946	98	4 028	0,866	2,220	2,565	2,092
99	1 149	0,226	0,525	2,319	1,847	99	2 799	0,552	1,355	2,455	1,983
100	742	0,134	0,299	2,227	1,755	100	1 887	0,341	0,803	2,353	1,880

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 9,25%

x	l_x	D_x	N_x	$ä_x$	$^{(12)}ä_x$	y	l_y	D_y	N_y	$ä_y$	$^{(12)}ä_y$
			Männer						Frauen		
0	100 000	100 000,000	1 172 153,250	11,722	11,249	0	100 000	100 000,000	1 174 629,555	11,746	11,273
1	99 613	91 179,147	1 072 153,250	11,759	11,286	1	99 685	91 244,605	1 074 629,555	11,777	11,305
2	99 581	83 431,865	980 974,103	11,758	11,285	2	99 658	83 497,043	983 384,950	11,777	11,305
3	99 562	76 353,425	897 542,238	11,755	11,282	3	99 644	76 416,117	899 887,906	11,776	11,303
4	99 548	69 879,000	821 188,813	11,752	11,279	4	99 632	69 938,287	823 471,790	11,774	11,301
5	99 535	63 953,978	751 309,813	11,748	11,275	5	99 621	64 009,109	753 533,503	11,772	11,299
6	99 524	58 532,786	687 355,835	11,743	11,270	6	99 610	58 583,651	689 524,394	11,770	11,297
7	99 513	53 571,260	628 823,049	11,738	11,265	7	99 602	53 618,810	630 940,743	11,767	11,294
8	99 505	49 031,438	575 251,790	11,732	11,259	8	99 593	49 074,790	577 321,933	11,764	11,291
9	99 497	44 876,296	526 220,352	11,726	11,253	9	99 586	44 916,408	528 247,143	11,761	11,288
10	99 489	41 073,475	481 344,055	11,719	11,246	10	99 579	41 110,581	483 330,736	11,757	11,284
11	99 480	37 592,499	440 270,580	11,712	11,239	11	99 572	37 627,151	442 220,155	11,753	11,280
12	99 472	34 406,657	402 678,081	11,703	11,231	12	99 564	34 438,574	404 593,004	11,748	11,275
13	99 461	31 490,003	368 271,425	11,695	11,222	13	99 556	31 520,185	370 154,429	11,743	11,270
14	99 450	28 820,605	336 781,422	11,685	11,213	14	99 547	28 848,843	338 634,244	11,738	11,265
15	99 435	26 376,457	307 960,817	11,676	11,203	15	99 536	26 403,402	309 785,401	11,733	11,260
16	99 417	24 138,912	281 584,361	11,665	11,192	16	99 524	24 164,834	283 381,999	11,727	11,254
17	99 391	22 089,376	257 445,449	11,655	11,182	17	99 508	22 115,437	259 217,165	11,721	11,248
18	99 358	20 212,258	235 356,073	11,644	11,171	18	99 493	20 239,715	237 101,728	11,715	11,242
19	99 310	18 492,015	215 143,815	11,634	11,161	19	99 470	18 521,823	216 862,013	11,708	11,236
20	99 261	16 918,058	196 651,800	11,624	11,151	20	99 449	16 950,112	198 340,190	11,701	11,228
21	99 208	15 477,307	179 733,742	11,613	11,140	21	99 427	15 511,533	181 390,078	11,694	11,221
22	99 154	14 159,216	164 256,435	11,601	11,128	22	99 406	14 195,228	165 878,545	11,686	11,213
23	99 101	12 953,494	150 097,220	11,587	11,114	23	99 384	12 990,429	151 683,317	11,677	11,204
24	99 050	11 850,546	137 143,726	11,573	11,100	24	99 361	11 887,835	138 692,889	11,667	11,194
25	98 994	10 841,112	125 293,180	11,557	11,084	25	99 341	10 879,114	126 805,054	11,656	11,183
26	98 940	9 917,763	114 452,068	11,540	11,067	26	99 319	9 955,808	115 925,940	11,644	11,171
27	98 882	9 072,769	104 534,305	11,522	11,049	27	99 296	9 110,711	105 970,132	11,631	11,158
28	98 820	8 299,338	95 461,535	11,502	11,029	28	99 269	8 337,083	96 859,421	11,618	11,145
29	98 760	7 592,083	87 162,197	11,481	11,008	29	99 244	7 629,268	88 522,337	11,603	11,130
30	98 695	6 944,705	79 570,114	11,458	10,985	30	99 216	6 981,308	80 893,070	11,587	11,114
31	98 632	6 352,642	72 625,409	11,432	10,959	31	99 188	6 388,405	73 911,762	11,570	11,097
32	98 562	5 810,625	66 272,767	11,405	10,933	32	99 158	5 845,744	67 523,357	11,551	11,078
33	98 489	5 314,740	60 462,142	11,376	10,903	33	99 122	5 348,899	61 677,613	11,531	11,058
34	98 414	4 861,037	55 147,402	11,345	10,872	34	99 086	4 894,227	56 328,715	11,509	11,036
35	98 336	4 445,933	50 286,365	11,311	10,838	35	99 044	4 477,939	51 434,488	11,486	11,013
36	98 254	4 066,085	45 840,432	11,274	10,801	36	99 005	4 097,169	46 956,549	11,461	10,988
37	98 167	3 718,539	41 774,346	11,234	10,761	37	98 958	3 748,487	42 859,380	11,434	10,961
38	98 074	3 400,467	38 055,807	11,191	10,718	38	98 905	3 429,278	39 110,893	11,405	10,932
39	97 966	3 109,135	34 655,340	11,146	10,673	39	98 850	3 137,180	35 681,614	11,374	10,901
40	97 854	2 842,623	31 546,206	11,098	10,625	40	98 784	2 869,661	32 544,434	11,341	10,868
41	97 728	2 598,605	28 703,583	11,046	10,573	41	98 715	2 624,837	29 674,773	11,305	10,832
42	97 594	2 375,328	26 104,978	10,990	10,517	42	98 636	2 400,671	27 049,936	11,268	10,795
43	97 445	2 170,888	23 729,649	10,931	10,458	43	98 548	2 195,455	24 649,265	11,227	10,754
44	97 271	1 983,540	21 558,761	10,869	10,396	44	98 447	2 007,512	22 453,810	11,185	10,712
45	97 078	1 811,985	19 575,221	10,803	10,330	45	98 336	1 835,476	20 446,298	11,140	10,667
46	96 863	1 654,894	17 763,236	10,734	10,261	46	98 211	1 677,937	18 610,823	11,091	10,619
47	96 623	1 511,030	16 108,342	10,661	10,188	47	98 073	1 533,705	16 932,886	11,041	10,568
48	96 344	1 379,101	14 597,312	10,585	10,112	48	97 913	1 401,553	15 399,181	10,987	10,514
49	96 035	1 258,287	13 218,211	10,505	10,032	49	97 740	1 280,618	13 997,628	10,930	10,457

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 9,25%

x	l_x	D_x	N_x	$ä_x$	$ä_x^{(12)}$	y	l_y	D_y	N_y	$ä_y$	$ä_y^{(12)}$
			Männer						Frauen		
50	95 691	1 147,622	11 959,924	10,421	9,949	50	97 538	1 169,778	12 717,010	10,871	10,398
51	95 308	1 046,252	10 812,302	10,334	9,861	51	97 324	1 068,376	11 547,232	10,808	10,335
52	94 857	953,137	9 766,049	10,246	9,773	52	97 085	975,526	10 478,856	10,742	10,269
53	94 382	868,070	8 812,912	10,152	9,679	53	96 819	890,479	9 503,330	10,672	10,199
54	93 861	790,186	7 944,842	10,054	9,581	54	96 528	812,633	8 612,851	10,599	10,126
55	93 280	718,803	7 154,657	9,954	9,481	55	96 220	741,455	7 800,218	10,520	10,047
56	92 649	653,492	6 435,853	9,848	9,375	56	95 879	676,273	7 058,763	10,438	9,965
57	91 974	593,801	5 782,362	9,738	9,265	57	95 517	616,679	6 382,491	10,350	9,877
58	91 234	539,153	5 188,560	9,624	9,151	58	95 135	562,210	5 765,812	10,256	9,783
59	90 431	489,164	4 649,408	9,505	9,032	59	94 716	512,338	5 203,602	10,157	9,684
60	89 568	443,474	4 160,244	9,381	8,908	60	94 268	466,745	4 691,264	10,051	9,578
61	88 638	401,708	3 716,770	9,252	8,779	61	93 760	424,924	4 224,520	9,942	9,469
62	87 648	363,590	3 315,063	9,118	8,645	62	93 222	386,711	3 799,596	9,825	9,352
63	86 597	328,816	2 951,472	8,976	8,503	63	92 634	351,736	3 412,885	9,703	9,230
64	85 502	297,170	2 622,656	8,825	8,352	64	92 009	319,786	3 061,149	9,572	9,100
65	84 297	268,175	2 325,486	8,672	8,199	65	91 333	290,559	2 741,362	9,435	8,962
66	83 028	241,773	2 057,311	8,509	8,036	66	90 620	263,881	2 450,803	9,288	8,815
67	81 654	217,642	1 815,538	8,342	7,869	67	89 845	239,472	2 186,922	9,132	8,659
68	80 194	195,652	1 597,896	8,167	7,694	68	89 024	217,195	1 947,450	8,966	8,493
69	78 659	175,658	1 402,243	7,983	7,510	69	88 160	196,875	1 730,255	8,789	8,316
70	77 011	157,418	1 226,586	7,792	7,319	70	87 223	178,292	1 533,380	8,600	8,127
71	75 258	140,809	1 069,168	7,593	7,120	71	86 211	161,302	1 355,088	8,401	7,928
72	73 382	125,674	928,359	7,387	6,914	72	85 101	145,744	1 193,786	8,191	7,718
73	71 393	111,915	802,685	7,172	6,699	73	83 869	131,473	1 048,042	7,972	7,499
74	69 262	99,382	690,770	6,951	6,478	74	82 505	118,384	916,569	7,742	7,269
75	66 916	87,886	591,389	6,729	6,256	75	80 970	106,344	798,185	7,506	7,033
76	64 411	77,433	503,502	6,502	6,029	76	79 232	95,252	691,841	7,263	6,790
77	61 730	67,928	426,069	6,272	5,799	77	77 292	85,052	596,589	7,014	6,542
78	58 844	59,270	358,141	6,043	5,570	78	75 149	75,692	511,537	6,758	6,285
79	55 736	51,386	298,872	5,816	5,343	79	72 739	67,062	435,845	6,499	6,026
80	52 456	44,267	247,486	5,591	5,118	80	70 098	59,155	368,784	6,234	5,761
81	49 044	37,883	203,219	5,364	4,891	81	67 171	51,885	309,629	5,968	5,495
82	45 471	32,149	165,336	5,143	4,670	82	63 974	45,232	257,744	5,698	5,225
83	41 818	27,063	133,186	4,921	4,448	83	60 446	39,119	212,512	5,432	4,960
84	38 142	22,595	106,123	4,697	4,224	84	56 655	33,561	173,393	5,166	4,694
85	34 397	18,651	83,528	4,479	4,006	85	52 558	28,498	139,832	4,907	4,434
86	30 660	15,217	64,878	4,263	3,791	86	48 209	23,927	111,333	4,653	4,180
87	26 953	12,244	49,661	4,056	3,583	87	43 667	19,837	87,407	4,406	3,933
88	23 308	9,692	37,416	3,861	3,388	88	38 938	16,191	67,569	4,173	3,700
89	19 851	7,556	27,724	3,669	3,196	89	34 176	13,008	51,378	3,950	3,477
90	16 530	5,759	20,168	3,502	3,029	90	29 340	10,222	38,370	3,754	3,281
91	13 621	4,344	14,409	3,317	2,844	91	24 798	7,908	28,148	3,559	3,087
92	10 899	3,181	10,066	3,164	2,691	92	20 392	5,952	20,240	3,400	2,927
93	8 541	2,282	6,884	3,017	2,544	93	16 533	4,417	14,288	3,234	2,762
94	6 537	1,599	4,602	2,879	2,406	94	13 107	3,205	9,870	3,079	2,606
95	4 880	1,092	3,003	2,750	2,277	95	10 146	2,271	6,665	2,935	2,462
96	3 548	0,727	1,911	2,629	2,156	96	7 660	1,569	4,394	2,800	2,327
97	2 509	0,471	1,184	2,516	2,043	97	5 632	1,056	2,824	2,674	2,201
98	1 724	0,296	0,714	2,411	1,938	98	4 028	0,692	1,768	2,557	2,084
99	1 149	0,181	0,418	2,313	1,840	99	2 799	0,440	1,077	2,448	1,975
100	742	0,107	0,237	2,222	1,749	100	1 887	0,271	0,637	2,346	1,873

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 9,5%

x	l_x	D_x	N_x	$ä_x$	$ä_x^{(12)}$	y	l_y	D_y	N_y	$ä_y$	$ä_y^{(12)}$
			Männer						Frauen		
0	100 000	100 000,000	1 144 295,345	11,443	10,970	0	100 000	100 000,000	1 146 581,813	11,466	10,993
1	99 613	90 970,976	1 044 295,345	11,479	11,006	1	99 685	91 036,284	1 046 581,813	11,496	11,023
2	99 581	83 051,332	953 324,369	11,479	11,005	2	99 658	83 116,214	955 545,528	11,496	11,023
3	99 562	75 831,650	870 273,037	11,476	11,003	3	99 644	75 893,913	872 429,315	11,495	11,022
4	99 548	69 243,018	794 441,387	11,473	11,000	4	99 632	69 301,765	796 535,402	11,494	11,020
5	99 535	63 227,235	725 198,369	11,470	10,996	5	99 621	63 281,740	727 233,637	11,492	11,019
6	99 524	57 735,529	661 971,133	11,466	10,992	6	99 610	57 785,702	663 951,897	11,490	11,017
7	99 513	52 720,940	604 235,604	11,461	10,988	7	99 602	52 767,735	606 166,195	11,487	11,014
8	99 505	48 143,010	551 514,664	11,456	10,982	8	99 593	48 185,576	553 398,460	11,485	11,011
9	99 497	43 962,557	503 371,654	11,450	10,977	9	99 586	44 001,852	505 212,883	11,482	11,008
10	99 489	40 145,301	459 409,097	11,444	10,970	10	99 579	40 181,567	461 211,031	11,478	11,005
11	99 480	36 659,099	419 263,796	11,437	10,964	11	99 572	36 692,891	421 029,464	11,474	11,001
12	99 472	33 475,756	382 604,697	11,429	10,956	12	99 564	33 506,810	384 336,573	11,470	10,997
13	99 461	30 568,065	349 128,941	11,421	10,948	13	99 556	30 597,363	350 829,763	11,466	10,993
14	99 450	27 912,945	318 560,877	11,413	10,939	14	99 547	27 940,294	320 232,400	11,461	10,988
15	99 435	25 487,448	290 647,932	11,404	10,930	15	99 536	25 513,485	292 292,105	11,456	10,983
16	99 417	23 272,064	265 160,484	11,394	10,921	16	99 524	23 297,015	266 778,620	11,451	10,978
17	99 391	21 247,507	241 888,420	11,384	10,911	17	99 508	21 272,576	243 481,565	11,446	10,972
18	99 358	19 397,543	220 640,913	11,375	10,901	18	99 493	19 423,892	222 208,989	11,440	10,967
19	99 310	17 706,122	201 243,370	11,366	10,892	19	99 470	17 734,663	202 785,097	11,434	10,961
20	99 261	16 162,072	183 537,248	11,356	10,883	20	99 449	16 192,694	185 050,434	11,428	10,955
21	99 208	14 751,944	167 375,176	11,346	10,873	21	99 427	14 784,566	168 857,740	11,421	10,948
22	99 154	13 464,815	152 623,232	11,335	10,862	22	99 406	13 499,061	154 073,174	11,414	10,940
23	99 101	12 290,100	139 158,418	11,323	10,849	23	99 384	12 325,144	140 574,114	11,405	10,932
24	99 050	11 217,968	126 868,318	11,309	10,836	24	99 361	11 253,266	128 248,970	11,397	10,923
25	98 994	10 238,987	115 650,350	11,295	10,822	25	99 341	10 274,878	116 995,704	11,387	10,913
26	98 940	9 345,536	105 411,362	11,279	10,806	26	99 319	9 381,386	106 720,826	11,376	10,902
27	98 882	8 529,777	96 065,826	11,262	10,789	27	99 296	8 565,448	97 339,440	11,364	10,891
28	98 820	7 784,820	87 536,049	11,244	10,771	28	99 269	7 820,226	88 773,991	11,352	10,879
29	98 760	7 105,153	79 751,229	11,224	10,751	29	99 244	7 139,953	80 953,766	11,338	10,865
30	98 695	6 484,457	72 646,076	11,203	10,730	30	99 216	6 518,634	73 813,813	11,324	10,850
31	98 632	5 918,089	66 161,619	11,180	10,706	31	99 188	5 951,405	67 295,179	11,307	10,834
32	98 562	5 400,790	60 243,530	11,155	10,681	32	99 158	5 433,432	61 343,774	11,290	10,817
33	98 489	4 928,603	54 842,740	11,127	10,654	33	99 122	4 960,279	55 910,342	11,272	10,798
34	98 414	4 497,571	49 914,137	11,098	10,625	34	99 086	4 528,279	50 950,062	11,252	10,778
35	98 336	4 104,113	45 416,566	11,066	10,593	35	99 044	4 133,658	46 421,783	11,230	10,757
36	98 254	3 744,900	41 312,453	11,032	10,558	36	99 005	3 773,529	42 288,125	11,207	10,733
37	98 167	3 416,988	37 567,553	10,994	10,521	37	98 958	3 444,507	38 514,596	11,181	10,708
38	98 074	3 117,576	34 150,565	10,954	10,481	38	98 905	3 143,990	35 070,089	11,155	10,681
39	97 966	2 843,972	31 032,989	10,912	10,439	39	98 850	2 869,625	31 926,099	11,126	10,652
40	97 854	2 594,253	28 189,018	10,866	10,393	40	98 784	2 618,929	29 056,474	11,095	10,621
41	97 728	2 366,141	25 594,765	10,817	10,344	41	98 715	2 390,027	26 437,545	11,062	10,588
42	97 594	2 157,900	23 228,624	10,764	10,291	42	98 636	2 180,923	24 047,519	11,026	10,553
43	97 445	1 967,671	21 070,724	10,708	10,235	43	98 548	1 989,938	21 866,595	10,989	10,515
44	97 271	1 793,756	19 103,052	10,650	10,176	44	98 447	1 815,434	19 876,657	10,949	10,475
45	97 078	1 634,874	17 309,297	10,588	10,114	45	98 336	1 656,069	18 061,223	10,906	10,433
46	96 863	1 489,729	15 674,423	10,522	10,048	46	98 211	1 510,472	16 405,155	10,861	10,388
47	96 623	1 357,118	14 184,694	10,452	9,979	47	98 073	1 377,483	14 894,683	10,813	10,340
48	96 344	1 235,799	12 827,576	10,380	9,907	48	97 913	1 255,918	13 517,200	10,763	10,289
49	96 035	1 124,964	11 591,777	10,304	9,831	49	97 740	1 144,929	12 261,282	10,709	10,236

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 9,5%

x	l_x	D_x	N_x	$ä_x$	$ä_x^{(12)}$	y	l_y	D_y	N_y	$ä_y$	$ä_y^{(12)}$
			Männer						Frauen		
50	95 691	1 023,682	10 466,813	10,225	9,751	50	97 538	1 043,446	11 116,354	10,654	10,180
51	95 308	931,130	9 443,131	10,142	9,668	51	97 324	950,819	10 072,908	10,594	10,121
52	94 857	846,324	8 512,001	10,058	9,584	52	97 085	866,203	9 122,089	10,531	10,058
53	94 382	769,029	7 665,678	9,968	9,495	53	96 819	788,882	8 255,886	10,465	9,992
54	93 861	698,433	6 896,648	9,874	9,401	54	96 528	718,274	7 467,004	10,396	9,922
55	93 280	633,888	6 198,215	9,778	9,305	55	96 220	653,864	6 748,730	10,321	9,848
56	92 649	574,977	5 564,327	9,677	9,204	56	95 879	595,021	6 094,866	10,243	9,770
57	91 974	521,265	4 989,350	9,572	9,098	57	95 517	541,348	5 499,845	10,160	9,686
58	91 234	472,212	4 468,085	9,462	8,989	58	95 135	492,406	4 958,497	10,070	9,597
59	90 431	427,451	3 995,873	9,348	8,875	59	94 716	447,702	4 466,091	9,976	9,502
60	89 568	386,641	3 568,422	9,229	8,756	60	94 268	406,929	4 018,390	9,875	9,402
61	88 638	349,427	3 181,781	9,106	8,632	61	93 760	369,622	3 611,460	9,771	9,297
62	87 648	315,549	2 832,354	8,976	8,503	62	93 222	335,615	3 241,838	9,659	9,186
63	86 597	284,718	2 516,805	8,840	8,366	63	92 634	304,564	2 906,223	9,542	9,069
64	85 502	256,729	2 232,087	8,694	8,221	64	92 009	276,267	2 601,659	9,417	8,944
65	84 297	231,151	1 975,358	8,546	8,072	65	91 333	250,444	2 325,393	9,285	8,812
66	83 028	207,918	1 744,208	8,389	7,916	66	90 620	226,930	2 074,949	9,144	8,670
67	81 654	186,738	1 536,290	8,227	7,754	67	89 845	205,469	1 848,019	8,994	8,521
68	80 194	167,488	1 349,552	8,058	7,584	68	89 024	185,929	1 642,550	8,834	8,361
69	78 659	150,028	1 182,064	7,879	7,406	69	88 160	168,150	1 456,620	8,663	8,189
70	77 011	134,143	1 032,036	7,694	7,220	70	87 223	151,930	1 288,471	8,481	8,007
71	75 258	119,715	897,893	7,500	7,027	71	86 211	137,139	1 136,540	8,288	7,814
72	73 382	106,604	778,178	7,300	6,826	72	85 101	123,628	999,402	8,084	7,611
73	71 393	94,716	671,574	7,090	6,617	73	83 869	111,268	875,773	7,871	7,398
74	69 262	83,917	576,858	6,874	6,401	74	82 505	99,962	764,505	7,648	7,175
75	66 916	74,041	492,942	6,658	6,184	75	80 970	89,591	664,543	7,418	6,944
76	64 411	65,086	418,901	6,436	5,963	76	79 232	80,063	574,952	7,181	6,708
77	61 730	56,965	353,815	6,211	5,738	77	77 292	71,326	494,889	6,938	6,465
78	58 844	49,591	296,850	5,986	5,513	78	75 149	63,332	423,564	6,688	6,215
79	55 736	42,897	247,259	5,764	5,291	79	72 739	55,983	360,232	6,435	5,961
80	52 456	36,869	204,362	5,543	5,070	80	70 098	49,269	304,249	6,175	5,702
81	49 044	31,480	167,493	5,321	4,847	81	67 171	43,116	254,980	5,914	5,441
82	45 471	26,655	136,013	5,103	4,629	82	63 974	37,501	211,864	5,650	5,176
83	41 818	22,387	109,358	4,885	4,412	83	60 446	32,359	174,363	5,388	4,915
84	38 142	18,647	86,971	4,664	4,191	84	56 655	27,698	142,004	5,127	4,653
85	34 397	15,357	68,324	4,449	3,976	85	52 558	23,466	114,306	4,871	4,398
86	30 660	12,501	52,966	4,237	3,764	86	48 209	19,657	90,839	4,621	4,148
87	26 953	10,036	40,465	4,032	3,558	87	43 667	16,260	71,183	4,378	3,904
88	23 308	7,926	30,428	3,839	3,366	88	38 938	13,241	54,923	4,148	3,675
89	19 851	6,165	22,502	3,650	3,177	89	34 176	10,614	41,681	3,927	3,454
90	16 530	4,688	16,338	3,485	3,011	90	29 340	8,321	31,068	3,734	3,260
91	13 621	3,528	11,649	3,302	2,829	91	24 798	6,423	22,746	3,541	3,068
92	10 899	2,578	8,121	3,150	2,677	92	20 392	4,823	16,324	3,384	2,911
93	8 541	1,845	5,543	3,004	2,531	93	16 533	3,571	11,500	3,220	2,747
94	6 537	1,290	3,698	2,868	2,394	94	13 107	2,586	7,929	3,066	2,593
95	4 880	0,879	2,408	2,740	2,266	95	10 146	1,828	5,343	2,923	2,450
96	3 548	0,584	1,529	2,620	2,147	96	7 660	1,260	3,515	2,789	2,316
97	2 509	0,377	0,946	2,508	2,035	97	5 632	0,846	2,255	2,665	2,191
98	1 724	0,237	0,569	2,404	1,931	98	4 028	0,553	1,409	2,548	2,075
99	1 149	0,144	0,332	2,307	1,833	99	2 799	0,351	0,856	2,440	1,967
100	742	0,085	0,188	2,216	1,743	100	1 887	0,216	0,505	2,340	1,866

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 9,75%

x	l_x	D_x	N_x	$ä_x$	$^{(12)}ä_x$	y	l_y	D_y	N_y	$ä_y$	$^{(12)}ä_y$
			Männer						Frauen		
0	100 000	100 000,000	1 117 825,315	11,178	10,705	0	100 000	100 000,000	1 119 943,531	11,199	10,726
1	99 613	90 763,752	1 017 825,315	11,214	10,740	1	99 685	90 828,912	1 019 943,531	11,229	10,756
2	99 581	82 673,397	927 061,562	11,214	10,740	2	99 658	82 737,983	929 114,619	11,230	10,756
3	99 562	75 314,618	844 388,165	11,211	10,738	3	99 644	75 376,456	846 376,635	11,229	10,755
4	99 548	68 614,255	769 073,548	11,209	10,735	4	99 632	68 672,468	771 000,180	11,227	10,754
5	99 535	62 510,381	700 459,293	11,205	10,732	5	99 621	62 564,268	702 327,711	11,226	10,752
6	99 524	56 950,913	637 948,912	11,202	10,728	6	99 610	57 000,405	639 763,444	11,224	10,750
7	99 513	51 886,010	580 997,999	11,198	10,724	7	99 602	51 932,064	582 763,039	11,222	10,748
8	99 505	47 272,652	529 111,989	11,193	10,719	8	99 593	47 314,448	530 830,975	11,219	10,746
9	99 497	43 069,443	481 839,337	11,187	10,714	9	99 586	43 107,940	483 516,527	11,216	10,743
10	99 489	39 240,146	438 769,894	11,182	10,708	10	99 579	39 275,595	440 408,587	11,213	10,740
11	99 480	35 750,924	399 529,747	11,175	10,702	11	99 572	35 783,880	401 132,992	11,210	10,736
12	99 472	32 572,079	363 778,823	11,168	10,695	12	99 564	32 602,294	365 349,112	11,206	10,733
13	99 461	29 675,129	331 206,744	11,161	10,687	13	99 556	29 703,572	332 746,818	11,202	10,729
14	99 450	27 035,843	301 531,615	11,153	10,679	14	99 547	27 062,333	303 043,246	11,198	10,724
15	99 435	24 630,328	274 495,772	11,145	10,671	15	99 536	24 655,490	275 980,912	11,193	10,720
16	99 417	22 438,217	249 865,443	11,136	10,662	16	99 524	22 462,313	251 325,422	11,189	10,715
17	99 391	20 439,536	227 427,226	11,127	10,653	17	99 508	20 463,651	228 863,109	11,184	10,710
18	99 358	18 617,413	206 987,690	11,118	10,644	18	99 493	18 642,703	208 399,459	11,179	10,705
19	99 310	16 955,307	188 370,277	11,110	10,636	19	99 470	16 982,638	189 756,755	11,174	10,700
20	99 261	15 441,477	171 414,970	11,101	10,627	20	99 449	15 470,734	172 774,117	11,168	10,694
21	99 208	14 062,115	155 973,493	11,092	10,618	21	99 427	14 093,211	157 303,383	11,162	10,688
22	99 154	12 805,937	141 911,378	11,082	10,608	22	99 406	12 838,507	143 210,172	11,155	10,681
23	99 101	11 662,080	129 105,441	11,071	10,597	23	99 384	11 695,332	130 371,665	11,147	10,674
24	99 050	10 620,485	117 443,361	11,058	10,585	24	99 361	10 653,903	118 676,332	11,139	10,666
25	98 994	9 671,565	106 822,876	11,045	10,571	25	99 341	9 705,467	108 022,429	11,130	10,656
26	98 940	8 807,518	97 151,311	11,030	10,557	26	99 319	8 841,305	98 316,962	11,120	10,647
27	98 882	8 020,411	88 343,792	11,015	10,541	27	99 296	8 053,952	89 475,657	11,110	10,636
28	98 820	7 303,266	80 323,381	10,998	10,525	28	99 269	7 336,481	81 421,705	11,098	10,625
29	98 760	6 650,458	73 020,115	10,980	10,506	29	99 244	6 683,031	74 085,224	11,086	10,612
30	98 695	6 055,658	66 369,658	10,960	10,486	30	99 216	6 087,575	67 402,194	11,072	10,598
31	98 632	5 514,153	60 314,000	10,938	10,464	31	99 188	5 545,195	61 314,619	11,057	10,584
32	98 562	5 020,699	54 799,847	10,915	10,441	32	99 158	5 051,044	55 769,424	11,041	10,567
33	98 489	4 571,306	49 779,148	10,889	10,416	33	99 122	4 600,686	50 718,380	11,024	10,550
34	98 414	4 162,020	45 207,842	10,862	10,388	34	99 086	4 190,436	46 117,694	11,005	10,532
35	98 336	3 789,265	41 045,823	10,832	10,358	35	99 044	3 816,543	41 927,258	10,986	10,512
36	98 254	3 449,733	37 256,558	10,800	10,326	36	99 005	3 476,105	38 110,714	10,964	10,490
37	98 167	3 140,496	33 806,824	10,765	10,291	37	98 958	3 165,789	34 634,609	10,940	10,467
38	98 074	2 858,785	30 666,328	10,727	10,253	38	98 905	2 883,006	31 468,820	10,915	10,442
39	97 966	2 601,952	27 807,544	10,687	10,214	39	98 850	2 625,423	28 585,814	10,888	10,414
40	97 854	2 368,077	25 205,592	10,644	10,170	40	98 784	2 390,602	25 960,391	10,859	10,386
41	97 728	2 154,933	22 837,514	10,598	10,124	41	98 715	2 176,687	23 569,789	10,828	10,355
42	97 594	1 960,804	20 682,581	10,548	10,074	42	98 636	1 981,724	21 393,103	10,795	10,322
43	97 445	1 783,877	18 721,777	10,495	10,021	43	98 548	1 804,064	19 411,378	10,760	10,286
44	97 271	1 622,502	16 937,900	10,439	9,966	44	98 447	1 642,111	17 607,315	10,722	10,249
45	97 078	1 475,421	15 315,398	10,380	9,907	45	98 336	1 494,548	15 965,204	10,682	10,209
46	96 863	1 341,369	13 839,977	10,318	9,844	46	98 211	1 360,047	14 470,656	10,640	10,166
47	96 623	1 219,181	12 498,608	10,252	9,778	47	98 073	1 237,476	13 110,609	10,595	10,121
48	96 344	1 107,664	11 279,427	10,183	9,709	48	97 913	1 125,697	11 873,133	10,547	10,074
49	96 035	1 006,024	10 171,763	10,111	9,637	49	97 740	1 023,878	10 747,436	10,497	10,023

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 9,75%

x	l_x	D_x	N_x	$ä_x$	$ä_x^{(12)}$	y	l_y	D_y	N_y	$ä_y$	$ä_y^{(12)}$
			Männer						Frauen		
50	95 691	913,366	9 165 738	10,035	9,561	50	97 538	930,999	9 723 557	10,444	9,971
51	95 308	828,894	8 252 372	9,956	9,482	51	97 324	846,422	8 792 558	10,388	9,914
52	94 857	751,684	7 423 478	9,876	9,402	52	97 085	769,340	7 946 136	10,329	9,855
53	94 382	681,477	6 671 794	9,790	9,317	53	96 819	699,069	7 176 796	10,266	9,793
54	93 861	617,508	5 990 317	9,701	9,227	54	96 528	635,050	6 477 726	10,200	9,727
55	93 280	559,165	5 372 809	9,609	9,135	55	96 220	576,787	5 842 677	10,130	9,656
56	92 649	506,043	4 813 644	9,512	9,039	56	95 879	523,684	5 265 890	10,055	9,582
57	91 974	457,726	4 307 601	9,411	8,937	57	95 517	475,361	4 742 206	9,976	9,502
58	91 234	413,707	3 849 875	9,306	8,832	58	95 135	431,399	4 266 846	9,891	9,417
59	90 431	373,639	3 436 168	9,196	8,723	59	94 716	391,340	3 835 446	9,801	9,327
60	89 568	337,197	3 062 529	9,082	8,609	60	94 268	354,891	3 444 106	9,705	9,231
61	88 638	304,048	2 725 332	8,963	8,490	61	93 760	321,620	3 089 215	9,605	9,131
62	87 648	273,944	2 421 284	8,839	8,365	62	93 222	291,364	2 767 595	9,499	9,025
63	86 597	246,615	2 147 340	8,707	8,234	63	92 634	263,805	2 476 232	9,387	8,913
64	85 502	221,865	1 900 726	8,567	8,093	64	92 009	238,749	2 212 427	9,267	8,793
65	84 297	199,305	1 678 861	8,424	7,950	65	91 333	215,941	1 973 677	9,140	8,666
66	83 028	178,864	1 479 556	8,272	7,798	66	90 620	195,220	1 757 737	9,004	8,530
67	81 654	160,279	1 300 692	8,115	7,642	67	89 845	176,355	1 562 517	8,860	8,386
68	80 194	143,429	1 140 413	7,951	7,477	68	89 024	159,221	1 386 161	8,706	8,232
69	78 659	128,184	996 985	7,778	7,304	69	88 160	143,667	1 226 940	8,540	8,066
70	77 011	114,350	868 800	7,598	7,124	70	87 223	129,514	1 083 273	8,364	7,890
71	75 258	101,820	754 450	7,410	6,936	71	86 211	116,638	953 759	8,177	7,703
72	73 382	90,461	652 630	7,214	6,741	72	85 101	104,908	837 121	7,980	7,506
73	71 393	80,191	562 169	7,010	6,537	73	83 869	94,204	732 213	7,773	7,299
74	69 262	70,886	481 978	6,799	6,326	74	82 505	84,439	638 009	7,556	7,082
75	66 916	62,401	411 093	6,588	6,114	75	80 970	75,506	553 569	7,331	6,858
76	64 411	54,729	348 692	6,371	5,898	76	79 232	67,322	478 063	7,101	6,627
77	61 730	47,791	293 964	6,151	5,677	77	77 292	59,839	410 741	6,864	6,390
78	58 844	41,510	246 172	5,930	5,457	78	75 149	53,011	350 902	6,619	6,146
79	55 736	35,825	204 662	5,713	5,239	79	72 739	46,753	297 890	6,372	5,898
80	52 456	30,721	168 838	5,496	5,022	80	70 098	41,053	251 137	6,117	5,644
81	49 044	26,171	138 117	5,278	4,804	81	67 171	35,844	210 084	5,861	5,387
82	45 471	22,109	111 946	5,063	4,590	82	63 974	31,105	174 241	5,602	5,128
83	41 818	18,526	89 838	4,849	4,376	83	60 446	26,779	143 135	5,345	4,871
84	38 142	15,397	71 311	4,632	4,158	84	56 655	22,870	116 357	5,088	4,614
85	34 397	12,651	55 915	4,420	3,946	85	52 558	19,331	93 487	4,836	4,362
86	30 660	10,275	43 264	4,211	3,737	86	48 209	16,156	74 156	4,590	4,116
87	26 953	8,230	32 989	4,008	3,535	87	43 667	13,334	58 000	4,350	3,876
88	23 308	6,485	24 758	3,818	3,344	88	38 938	10,834	44 666	4,123	3,649
89	19 851	5,032	18 273	3,631	3,157	89	34 176	8,664	33 832	3,905	3,431
90	16 530	3,818	13 241	3,468	2,994	90	29 340	6,777	25 168	3,714	3,240
91	13 621	2,867	9 423	3,287	2,813	91	24 798	5,219	18 391	3,524	3,050
92	10 899	2,090	6 556	3,136	2,663	92	20 392	3,911	13 172	3,368	2,895
93	8 541	1,492	4 466	2,992	2,518	93	16 533	2,889	9 261	3,206	2,732
94	6 537	1,041	2 973	2,857	2,383	94	13 107	2,087	6 372	3,054	2,580
95	4 880	0,708	1 932	2,730	2,256	95	10 146	1,472	4 286	2,912	2,438
96	3 548	0,469	1 225	2,611	2,138	96	7 660	1,012	2 814	2,779	2,305
97	2 509	0,302	0,756	2,500	2,027	97	5 632	0,678	1,801	2,656	2,182
98	1 724	0,189	0,453	2,397	1,923	98	4 028	0,442	1,123	2,540	2,067
99	1 149	0,115	0,264	2,300	1,827	99	2 799	0,280	0,681	2,433	1,959
100	742	0,068	0,149	2,210	1,737	100	1 887	0,172	0,401	2,333	1,860

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 10%

x	l_x	D_x	N_x	$ä_x$	$^{(12)}ä_x$	y	l_y	D_y	N_y	$ä_y$	$^{(12)}ä_y$
			Männer						Frauen		
0	100 000	100 000,000	1 092 644,481	10,926	10,452	0	100 000	100 000,000	1 094 613,155	10,946	10,472
1	99 613	90 557,471	992 644,481	10,961	10,487	1	99 685	90 622,483	994 613,155	10,975	10,501
2	99 581	82 298,036	902 087,010	10,961	10,487	2	99 658	82 362,329	903 990,672	10,976	10,502
3	99 562	74 802,275	819 788,974	10,959	10,485	3	99 644	74 863,693	821 628,343	10,975	10,501
4	99 548	67 992,612	744 986,699	10,957	10,483	4	99 632	68 050,298	746 764,651	10,974	10,500
5	99 535	61 803,257	676 994,087	10,954	10,480	5	99 621	61 856,534	678 714,353	10,972	10,498
6	99 524	56 178,709	615 190,830	10,951	10,477	6	99 610	56 227,529	616 857,818	10,971	10,497
7	99 513	51 066,158	559 012,121	10,947	10,473	7	99 602	51 111,484	560 630,289	10,969	10,495
8	99 505	46 419,955	507 945,963	10,942	10,468	8	99 593	46 460,998	509 518,805	10,967	10,493
9	99 497	42 196,444	461 526,008	10,938	10,464	9	99 586	42 234,160	463 057,807	10,964	10,490
10	99 489	38 357,391	419 329,564	10,932	10,458	10	99 579	38 392,042	420 823,648	10,961	10,487
11	99 480	34 867,239	380 972,174	10,926	10,452	11	99 572	34 899,380	382 431,605	10,958	10,484
12	99 472	31 694,770	346 104,935	10,920	10,446	12	99 564	31 724,172	347 532,226	10,955	10,481
13	99 461	28 810,221	314 410,165	10,913	10,439	13	99 556	28 837,834	315 808,054	10,951	10,477
14	99 450	26 188,205	285 599,944	10,906	10,432	14	99 547	26 213,865	286 970,220	10,947	10,473
15	99 435	23 803,886	259 411,739	10,898	10,424	15	99 536	23 828,203	260 756,355	10,943	10,469
16	99 417	21 636,044	235 607,853	10,890	10,416	16	99 524	21 659,229	236 928,152	10,939	10,465
17	99 391	19 664,023	213 971,809	10,881	10,407	17	99 508	19 687,223	215 268,874	10,934	10,460
18	99 358	17 870,328	194 307,787	10,873	10,399	18	99 493	17 894,603	195 581,651	10,930	10,456
19	99 310	16 237,931	176 437,459	10,866	10,392	19	99 470	16 264,105	177 687,047	10,925	10,451
20	99 261	14 754,541	160 199,528	10,858	10,384	20	99 449	14 782,497	161 422,942	10,920	10,446
21	99 208	13 406,005	145 444,986	10,849	10,375	21	99 427	13 435,650	146 640,445	10,914	10,440
22	99 154	12 180,691	132 038,982	10,840	10,366	22	99 406	12 211,671	133 204,795	10,908	10,434
23	99 101	11 067,471	119 858,291	10,830	10,356	23	99 384	11 099,029	120 993,124	10,901	10,427
24	99 050	10 056,078	108 790,819	10,818	10,344	24	99 361	10 087,720	109 894,096	10,894	10,420
25	98 994	9 136,773	98 734,742	10,806	10,332	25	99 341	9 168,801	99 806,376	10,885	10,411
26	98 940	8 301,594	89 597,968	10,793	10,319	26	99 319	8 333,440	90 637,575	10,876	10,402
27	98 882	7 542,519	81 296,374	10,778	10,304	27	99 296	7 574,061	82 304,136	10,867	10,393
28	98 820	6 852,495	73 753,855	10,763	10,289	28	99 269	6 883,660	74 730,074	10,856	10,382
29	98 760	6 225,798	66 901,360	10,746	10,272	29	99 244	6 256,291	67 846,414	10,845	10,370
30	98 695	5 656,094	60 675,562	10,727	10,253	30	99 216	5 685,905	61 590,123	10,832	10,358
31	98 632	5 138,614	55 019,468	10,707	10,233	31	99 188	5 167,542	55 904,218	10,818	10,344
32	98 562	4 668,133	49 880,855	10,685	10,211	32	99 158	4 696,346	50 736,676	10,803	10,329
33	98 489	4 240,637	45 212,722	10,662	10,188	33	99 122	4 267,892	46 040,330	10,788	10,314
34	98 414	3 852,182	40 972,085	10,636	10,162	34	99 086	3 878,484	41 772,438	10,770	10,296
35	98 336	3 499,206	37 119,903	10,608	10,134	35	99 044	3 524,396	37 893,954	10,752	10,278
36	98 254	3 178,424	33 620,697	10,578	10,104	36	99 005	3 202,722	34 369,558	10,731	10,257
37	98 167	2 886,931	30 442,272	10,545	10,071	37	98 958	2 910,182	31 166,835	10,710	10,236
38	98 074	2 621,993	27 555,341	10,509	10,035	38	98 905	2 644,208	28 256,653	10,686	10,212
39	97 966	2 381,010	24 933,348	10,472	9,998	39	98 850	2 402,487	25 612,445	10,661	10,187
40	97 854	2 162,069	22 552,338	10,431	9,957	40	98 784	2 182,635	23 209,958	10,634	10,160
41	97 728	1 962,996	20 390,269	10,387	9,913	41	98 715	1 982,812	21 027,323	10,605	10,131
42	97 594	1 782,098	18 427,273	10,340	9,866	42	98 636	1 801,112	19 044,511	10,574	10,100
43	97 445	1 617,611	16 645,174	10,290	9,816	43	98 548	1 635,917	17 243,400	10,541	10,066
44	97 271	1 467,933	15 027,563	10,237	9,763	44	98 447	1 485,674	15 607,483	10,505	10,031
45	97 078	1 331,830	13 559,630	10,181	9,707	45	98 336	1 349,096	14 121,809	10,468	9,994
46	96 863	1 208,073	12 227,799	10,122	9,648	46	98 211	1 224,894	12 772,713	10,428	9,954
47	96 623	1 095,532	11 019,727	10,059	9,585	47	98 073	1 111,971	11 547,819	10,385	9,911
48	96 344	993,063	9 924,195	9,994	9,519	48	97 913	1 009,230	10 435,847	10,340	9,866
49	96 035	899,889	8 931,132	9,925	9,451	49	97 740	915,859	9 426,617	10,293	9,819

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 10%

x	l_x	D_x	N_x	$ä_x$	$ä_x^{(12)}$	y	l_y	D_y	N_y	$ä_y$	$ä_y^{(12)}$
		Männer						Frauen			
50	95 691	815,149	8 031,243	9,852	9,378	50	97 538	830,886	8 510,758	10,243	9,769
51	95 308	738,080	7 216,094	9,777	9,303	51	97 324	753,687	7 679,872	10,190	9,716
52	94 857	667,807	6 478,015	9,700	9,226	52	97 085	683,494	6 926,185	10,134	9,659
53	94 382	604,058	5 810,208	9,619	9,145	53	96 819	619,652	6 242,692	10,075	9,600
54	93 861	546,113	5 206,149	9,533	9,059	54	96 528	561,626	5 623,040	10,012	9,538
55	93 280	493,392	4 660,037	9,445	8,971	55	96 220	508,940	5 061,413	9,945	9,471
56	92 649	445,503	4 166,645	9,353	8,879	56	95 879	461,033	4 552,473	9,874	9,400
57	91 974	402,051	3 721,142	9,255	8,781	57	95 517	417,540	4 091,440	9,799	9,325
58	91 234	362,560	3 319,092	9,155	8,681	58	95 135	378,065	3 673,900	9,718	9,244
59	90 431	326,701	2 956,532	9,050	8,576	59	94 716	342,179	3 295,835	9,632	9,158
60	89 568	294,167	2 629,830	8,940	8,466	60	94 268	309,603	2 953,656	9,540	9,066
61	88 638	264,645	2 335,663	8,826	8,352	61	93 760	279,940	2 644,053	9,445	8,971
62	87 648	237,901	2 071,018	8,705	8,231	62	93 222	253,029	2 364,113	9,343	8,869
63	86 597	213,680	1 833,117	8,579	8,105	63	92 634	228,575	2 111,084	9,236	8,762
64	85 502	191,799	1 619,437	8,443	7,969	64	92 009	206,396	1 882,509	9,121	8,647
65	84 297	171,905	1 427,638	8,305	7,831	65	91 333	186,253	1 676,113	8,999	8,525
66	83 028	153,924	1 255,733	8,158	7,684	66	90 620	167,999	1 489,860	8,868	8,394
67	81 654	137,616	1 101,809	8,006	7,532	67	89 845	151,420	1 321,861	8,730	8,256
68	80 194	122,869	964,193	7,847	7,373	68	89 024	136,397	1 170,441	8,581	8,107
69	78 659	109,560	841,324	7,679	7,205	69	88 160	122,793	1 034,044	8,421	7,947
70	77 011	97,514	731,765	7,504	7,030	70	87 223	110,445	911,251	8,251	7,777
71	75 258	86,631	634,251	7,321	6,847	71	86 211	99,239	800,806	8,069	7,595
72	73 382	76,792	547,620	7,131	6,657	72	85 101	89,056	701,567	7,878	7,404
73	71 393	67,918	470,828	6,932	6,458	73	83 869	79,788	612,512	7,677	7,203
74	69 262	59,901	402,909	6,726	6,252	74	82 505	71,355	532,724	7,466	6,992
75	66 916	52,611	343,008	6,520	6,046	75	80 970	63,661	461,369	7,247	6,773
76	64 411	46,038	290,397	6,308	5,834	76	79 232	56,632	397,709	7,023	6,549
77	61 730	40,111	244,359	6,092	5,618	77	77 292	50,222	341,077	6,791	6,317
78	58 844	34,760	204,249	5,876	5,402	78	75 149	44,391	290,855	6,552	6,078
79	55 736	29,931	169,489	5,663	5,189	79	72 739	39,061	246,464	6,310	5,836
80	52 456	25,608	139,558	5,450	4,976	80	70 098	34,221	207,403	6,061	5,587
81	49 044	21,766	113,950	5,235	4,761	81	67 171	29,811	173,182	5,809	5,335
82	45 471	18,346	92,184	5,025	4,551	82	63 974	25,811	143,371	5,555	5,081
83	41 818	15,338	73,839	4,814	4,340	83	60 446	22,170	117,560	5,303	4,828
84	38 142	12,718	58,501	4,600	4,126	84	56 655	18,891	95,390	5,049	4,575
85	34 397	10,427	45,783	4,391	3,917	85	52 558	15,932	76,499	4,802	4,328
86	30 660	8,449	35,356	4,185	3,711	86	48 209	13,285	60,567	4,559	4,085
87	26 953	6,752	26,907	3,985	3,511	87	43 667	10,939	47,282	4,322	3,848
88	23 308	5,308	20,155	3,797	3,323	88	38 938	8,868	36,343	4,098	3,624
89	19 851	4,110	14,847	3,612	3,138	89	34 176	7,076	27,475	3,883	3,409
90	16 530	3,111	10,737	3,451	2,977	90	29 340	5,522	20,399	3,694	3,220
91	13 621	2,331	7,626	3,272	2,798	91	24 798	4,243	14,877	3,506	3,032
92	10 899	1,695	5,295	3,123	2,649	92	20 392	3,172	10,634	3,353	2,878
93	8 541	1,208	3,599	2,980	2,506	93	16 533	2,338	7,462	3,192	2,718
94	6 537	0,840	2,392	2,846	2,372	94	13 107	1,685	5,124	3,041	2,567
95	4 880	0,570	1,551	2,720	2,246	95	10 146	1,186	3,439	2,900	2,426
96	3 548	0,377	0,981	2,603	2,129	96	7 660	0,814	2,253	2,769	2,295
97	2 509	0,242	0,604	2,493	2,019	97	5 632	0,544	1,440	2,647	2,172
98	1 724	0,151	0,362	2,390	1,916	98	4 028	0,354	0,896	2,532	2,058
99	1 149	0,092	0,210	2,294	1,820	99	2 799	0,223	0,542	2,426	1,952
100	742	0,054	0,119	2,205	1,731	100	1 887	0,137	0,319	2,327	1,853

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 10,25%

x	l_x	D_x	N_x	$ä_x$	$^{(12)}ä_x$	y	l_y	D_y	N_y	$ä_y$	$^{(12)}ä_y$
			Männer						Frauen		
0	100 000	100 000,000	1 068 663,008	10,687	10,212	0	100 000	100 000,000	1 070 498,394	10,705	10,231
1	99 613	90 352,125	968 663,008	10,721	10,247	1	99 685	90 416,990	970 498,394	10,734	10,259
2	99 581	81 925,225	878 310,883	10,721	10,246	2	99 658	81 989,227	880 081,404	10,734	10,260
3	99 562	74 294,569	796 385,658	10,719	10,245	3	99 644	74 355,570	798 092,177	10,733	10,259
4	99 548	67 377,993	722 091,089	10,717	10,243	4	99 632	67 435,158	723 736,607	10,732	10,258
5	99 535	61 105,711	654 713,095	10,714	10,240	5	99 621	61 158,386	656 301,449	10,731	10,257
6	99 524	55 418,693	593 607,385	10,711	10,237	6	99 610	55 466,853	595 143,063	10,730	10,255
7	99 513	50 261,077	538 188,692	10,708	10,233	7	99 602	50 305,689	539 676,210	10,728	10,254
8	99 505	45 584,522	487 927,615	10,704	10,229	8	99 593	45 624,827	489 370,521	10,726	10,252
9	99 497	41 343,062	442 343,092	10,699	10,225	9	99 586	41 380,015	443 745,695	10,724	10,249
10	99 489	37 496,431	401 000,031	10,694	10,220	10	99 579	37 530,304	402 365,680	10,721	10,247
11	99 480	34 007,328	363 503,600	10,689	10,215	11	99 572	34 038,676	364 835,375	10,718	10,244
12	99 472	30 843,002	329 496,272	10,683	10,209	12	99 564	30 871,614	330 796,699	10,715	10,241
13	99 461	27 972,399	298 653,269	10,677	10,202	13	99 556	27 999,210	299 925,085	10,712	10,237
14	99 450	25 368,977	270 680,870	10,670	10,195	14	99 547	25 393,834	271 925,875	10,708	10,234
15	99 435	23 006,956	245 311,893	10,663	10,188	15	99 536	23 030,459	246 532,041	10,705	10,230
16	99 417	20 864,272	222 304,937	10,655	10,180	16	99 524	20 886,261	223 501,582	10,701	10,226
17	99 391	18 919,595	201 440,665	10,647	10,173	17	99 508	18 941,917	202 614,904	10,697	10,222
18	99 358	17 154,817	182 521,069	10,640	10,165	18	99 493	17 178,120	183 672,987	10,692	10,218
19	99 310	15 552,433	165 366,252	10,633	10,158	19	99 470	15 577,503	166 494,866	10,688	10,214
20	99 261	14 099,622	149 813,819	10,625	10,151	20	99 449	14 126,336	150 917,364	10,683	10,209
21	99 208	12 781,894	135 714,198	10,618	10,143	21	99 427	12 810,159	136 791,028	10,678	10,204
22	99 154	11 587,289	122 932,304	10,609	10,135	22	99 406	11 616,760	123 980,869	10,673	10,198
23	99 101	10 504,428	111 345,015	10,600	10,125	23	99 384	10 534,380	112 364,109	10,666	10,192
24	99 050	9 522,845	100 840,587	10,589	10,115	24	99 361	9 552,809	101 829,729	10,660	10,185
25	98 994	8 632,668	91 317,742	10,578	10,104	25	99 341	8 662,928	92 276,920	10,652	10,178
26	98 940	7 825,782	82 685,075	10,566	10,091	26	99 319	7 855,803	83 613,992	10,644	10,169
27	98 882	7 094,091	74 859,292	10,552	10,078	27	99 296	7 123,758	75 758,190	10,635	10,160
28	98 820	6 430,477	67 765,201	10,538	10,064	28	99 269	6 459,723	68 634,432	10,625	10,151
29	98 760	5 829,127	61 334,724	10,522	10,048	29	99 244	5 857,677	62 174,709	10,614	10,140
30	98 695	5 283,713	55 505,597	10,505	10,031	30	99 216	5 311,562	56 317,032	10,603	10,128
31	98 632	4 789,417	50 221,884	10,486	10,012	31	99 188	4 816,379	51 005,470	10,590	10,116
32	98 562	4 341,042	45 432,467	10,466	9,991	32	99 158	4 367,279	46 189,091	10,576	10,102
33	98 489	3 934,558	41 091,425	10,444	9,969	33	99 122	3 959,846	41 821,812	10,561	10,087
34	98 414	3 566,036	37 156,867	10,420	9,945	34	99 086	3 590,384	37 861,966	10,545	10,071
35	98 336	3 231,935	33 590,830	10,393	9,919	35	99 044	3 255,201	34 271,582	10,528	10,054
36	98 254	2 928,998	30 358,896	10,365	9,891	36	99 005	2 951,389	31 016,381	10,509	10,035
37	98 167	2 654,347	27 429,898	10,334	9,860	37	98 958	2 675,724	28 064,992	10,489	10,014
38	98 074	2 405,286	24 775,551	10,300	9,826	38	98 905	2 425,666	25 389,268	10,467	9,992
39	97 966	2 179,268	22 370,265	10,265	9,791	39	98 850	2 198,925	22 963,602	10,443	9,969
40	97 854	1 974,391	20 190,997	10,226	9,752	40	98 784	1 993,171	20 764,677	10,418	9,943
41	97 728	1 788,533	18 216,606	10,185	9,711	41	98 715	1 806,588	18 771,506	10,391	9,916
42	97 594	1 620,031	16 428,073	10,141	9,666	42	98 636	1 637,315	16 964,918	10,361	9,887
43	97 445	1 467,168	14 808,042	10,093	9,619	43	98 548	1 483,771	15 327,603	10,330	9,856
44	97 271	1 328,392	13 340,874	10,043	9,568	44	98 447	1 344,446	13 843,832	10,297	9,823
45	97 078	1 202,494	12 012,482	9,990	9,515	45	98 336	1 218,083	12 499,386	10,262	9,787
46	96 863	1 088,281	10 809,989	9,933	9,459	46	98 211	1 103,435	11 281,303	10,224	9,749
47	96 623	984,662	9 721,707	9,873	9,399	47	98 073	999,437	10 177,868	10,184	9,709
48	96 344	890,539	8 737,046	9,811	9,337	48	97 913	905,037	9 178,431	10,141	9,667
49	96 035	805,154	7 846,507	9,745	9,271	49	97 740	819,443	8 273,394	10,096	9,622

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 10,25%

x	l_x	D_x	N_x	$ä_x$	$ä_x^{(12)}$	y	l_y	D_y	N_y	$ä_y$	$ä_y^{(12)}$
		Männer						Frauen			
50	95 691	727,681	7 041,353	9,676	9,202	50	97 538	741,730	7 453,950	10,049	9,575
51	95 308	657,388	6 313,671	9,604	9,130	51	97 324	671,289	6 712,220	9,999	9,525
52	94 857	593,449	5 656,283	9,531	9,057	52	97 085	607,389	6 040,931	9,946	9,471
53	94 382	535,581	5 062,834	9,453	8,979	53	96 819	549,407	5 433,542	9,890	9,415
54	93 861	483,107	4 527,253	9,371	8,897	54	96 528	496,830	4 884,135	9,831	9,356
55	93 280	435,478	4 044,146	9,287	8,812	55	96 220	449,202	4 387,305	9,767	9,292
56	92 649	392,319	3 608,668	9,198	8,724	56	95 879	405,996	3 938,103	9,700	9,225
57	91 974	353,251	3 216,349	9,105	8,631	57	95 517	366,861	3 532,108	9,628	9,153
58	91 234	317,831	2 863,098	9,008	8,534	58	95 135	331,424	3 165,247	9,550	9,076
59	90 431	285,747	2 545,266	8,907	8,433	59	94 716	299,285	2 833,823	9,469	8,994
60	89 568	256,708	2 259,519	8,802	8,327	60	94 268	270,178	2 534,539	9,381	8,907
61	88 638	230,422	2 002,811	8,692	8,218	61	93 760	243,739	2 264,360	9,290	8,816
62	87 648	206,666	1 772,389	8,576	8,102	62	93 222	219,808	2 020,622	9,193	8,718
63	86 597	185,205	1 565,723	8,454	7,980	63	92 634	198,115	1 800,814	9,090	8,615
64	85 502	165,862	1 380,518	8,323	7,849	64	92 009	178,485	1 602,699	8,979	8,505
65	84 297	148,321	1 214,656	8,189	7,715	65	91 333	160,701	1 424,214	8,862	8,388
66	83 028	132,506	1 066,335	8,047	7,573	66	90 620	144,623	1 263,513	8,737	8,262
67	81 654	118,199	933,829	7,900	7,426	67	89 845	130,055	1 118,890	8,603	8,129
68	80 194	105,293	815,630	7,746	7,272	68	89 024	116,886	988,835	8,460	7,985
69	78 659	93,675	710,337	7,583	7,109	69	88 160	104,990	871,949	8,305	7,831
70	77 011	83,187	616,662	7,413	6,939	70	87 223	94,217	766,959	8,140	7,666
71	75 258	73,735	533,475	7,235	6,761	71	86 211	84,466	672,742	7,965	7,490
72	73 382	65,212	459,741	7,050	6,575	72	85 101	75,627	588,276	7,779	7,304
73	71 393	57,546	394,528	6,856	6,381	73	83 869	67,603	512,649	7,583	7,109
74	69 262	50,638	336,982	6,655	6,180	74	82 505	60,320	445,047	7,378	6,904
75	66 916	44,375	286,344	6,453	5,978	75	80 970	53,694	384,726	7,165	6,691
76	64 411	38,742	241,969	6,246	5,771	76	79 232	47,657	331,032	6,946	6,472
77	61 730	33,678	203,227	6,034	5,560	77	77 292	42,168	283,374	6,720	6,246
78	58 844	29,119	169,549	5,823	5,348	78	75 149	37,187	241,207	6,486	6,012
79	55 736	25,017	140,430	5,613	5,139	79	72 739	32,648	204,020	6,249	5,775
80	52 456	21,355	115,414	5,404	4,930	80	70 098	28,538	171,371	6,005	5,531
81	49 044	18,110	94,058	5,194	4,719	81	67 171	24,803	142,834	5,759	5,284
82	45 471	15,230	75,948	4,987	4,512	82	63 974	21,427	118,030	5,509	5,034
83	41 818	12,704	60,719	4,780	4,305	83	60 446	18,363	96,603	5,261	4,786
84	38 142	10,510	48,015	4,569	4,094	84	56 655	15,611	78,240	5,012	4,537
85	34 397	8,597	37,505	4,363	3,888	85	52 558	13,136	62,629	4,768	4,293
86	30 660	6,950	28,908	4,159	3,685	86	48 209	10,929	49,493	4,529	4,054
87	26 953	5,542	21,958	3,962	3,488	87	43 667	8,979	38,564	4,295	3,821
88	23 308	4,347	16,416	3,776	3,302	88	38 938	7,262	29,586	4,074	3,600
89	19 851	3,358	12,069	3,594	3,120	89	34 176	5,781	22,324	3,861	3,387
90	16 530	2,536	8,711	3,434	2,960	90	29 340	4,502	16,542	3,675	3,200
91	13 621	1,896	6,174	3,257	2,783	91	24 798	3,451	12,041	3,489	3,014
92	10 899	1,376	4,279	3,110	2,635	92	20 392	2,574	8,590	3,337	2,863
93	8 541	0,978	2,903	2,968	2,494	93	16 533	1,893	6,015	3,178	2,703
94	6 537	0,679	1,925	2,835	2,361	94	13 107	1,361	4,123	3,029	2,554
95	4 880	0,460	1,246	2,711	2,236	95	10 146	0,956	2,761	2,889	2,415
96	3 548	0,303	0,786	2,594	2,120	96	7 660	0,654	1,806	2,759	2,285
97	2 509	0,194	0,483	2,485	2,011	97	5 632	0,436	1,151	2,638	2,163
98	1 724	0,121	0,289	2,383	1,909	98	4 028	0,283	0,715	2,524	2,050
99	1 149	0,073	0,168	2,288	1,813	99	2 799	0,178	0,432	2,419	1,944
100	742	0,043	0,094	2,199	1,725	100	1 887	0,109	0,253	2,320	1,846

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 10,5%

x	l_x	D_x	N_x	$ä_x$	$^{(12)}ä_x$	y	l_y	D_y	N_y	$ä_y$	$^{(12)}ä_y$
			Männer						Frauen		
0	100 000	100 000,000	1 045 798,973	10,458	9,983	0	100 000	100 000,000	1 047 515,221	10,475	10,000
1	99 613	90 147,709	945 798,973	10,492	10,017	1	99 685	90 212,427	947 515,221	10,503	10,028
2	99 581	81 554,942	855 651,264	10,492	10,017	2	99 658	81 618,655	857 302,794	10,504	10,029
3	99 562	73 791,447	774 096,321	10,490	10,016	3	99 644	73 852,035	775 684,139	10,503	10,028
4	99 548	66 770,304	700 304,874	10,488	10,013	4	99 632	66 826,953	701 832,104	10,502	10,027
5	99 535	60 417,590	633 534,570	10,486	10,011	5	99 621	60 469,673	635 005,151	10,501	10,026
6	99 524	54 670,645	573 116,980	10,483	10,008	6	99 610	54 718,155	574 535,478	10,500	10,025
7	99 513	49 470,470	518 446,335	10,480	10,005	7	99 602	49 514,380	519 817,324	10,498	10,024
8	99 505	44 765,967	468 975,865	10,476	10,001	8	99 593	44 805,547	470 302,944	10,497	10,022
9	99 497	40 508,813	424 209,898	10,472	9,997	9	99 586	40 545,021	425 497,397	10,494	10,020
10	99 489	36 656,680	383 701,085	10,467	9,993	10	99 579	36 689,795	384 952,376	10,492	10,017
11	99 480	33 170,501	347 044,405	10,462	9,988	11	99 572	33 201,078	348 262,581	10,489	10,015
12	99 472	30 015,977	313 873,904	10,457	9,982	12	99 564	30 043,822	315 061,503	10,487	10,012
13	99 461	27 160,757	283 857,927	10,451	9,976	13	99 556	27 186,790	285 017,681	10,484	10,009
14	99 450	24 577,145	256 697,169	10,445	9,970	14	99 547	24 601,226	257 830,891	10,480	10,006
15	99 435	22 238,422	232 120,024	10,438	9,963	15	99 536	22 261,140	233 229,665	10,477	10,002
16	99 417	20 121,686	209 881,602	10,431	9,956	16	99 524	20 143,294	210 968,525	10,473	9,999
17	99 391	18 204,942	189 759,916	10,424	9,949	17	99 508	18 226,420	190 825,231	10,470	9,995
18	99 358	16 469,479	171 554,975	10,417	9,942	18	99 493	16 491,851	172 598,811	10,466	9,991
19	99 310	14 897,329	155 085,496	10,410	9,935	19	99 470	14 921,343	156 106,960	10,462	9,987
20	99 261	13 475,158	140 188,166	10,403	9,929	20	99 449	13 500,689	141 185,617	10,458	9,983
21	99 208	12 188,154	126 713,009	10,396	9,922	21	99 427	12 215,106	127 684,928	10,453	9,978
22	99 154	11 024,043	114 524,855	10,389	9,914	22	99 406	11 052,081	115 469,822	10,448	9,973
23	99 101	9 971,208	103 500,812	10,380	9,905	23	99 384	9 999,639	104 417,741	10,442	9,967
24	99 050	9 019,000	93 529,605	10,370	9,895	24	99 361	9 047,379	94 418,102	10,436	9,961
25	98 994	8 157,424	84 510,605	10,360	9,885	25	99 341	8 186,018	85 370,723	10,429	9,954
26	98 940	7 378,228	76 353,181	10,348	9,874	26	99 319	7 406,532	77 184,704	10,421	9,946
27	98 882	6 673,250	68 974,952	10,336	9,861	27	99 296	6 701,157	69 778,173	10,413	9,938
28	98 820	6 035,318	62 301,702	10,323	9,848	28	99 269	6 062,766	63 077,016	10,404	9,929
29	98 760	5 458,544	56 266,385	10,308	9,833	29	99 244	5 485,279	57 014,249	10,394	9,919
30	98 695	4 936,610	50 807,841	10,292	9,817	30	99 216	4 962,629	51 528,970	10,383	9,909
31	98 632	4 464,662	45 871,230	10,274	9,799	31	99 188	4 489,796	46 566,341	10,372	9,897
32	98 562	4 037,534	41 406,568	10,255	9,781	32	99 158	4 061,937	42 076,545	10,359	9,884
33	98 489	3 651,191	37 369,034	10,235	9,760	33	99 122	3 674,658	38 014,608	10,345	9,870
34	98 414	3 301,723	33 717,843	10,212	9,737	34	99 086	3 324,266	34 339,951	10,330	9,855
35	98 336	2 985,615	30 416,120	10,188	9,713	35	99 044	3 007,108	31 015,684	10,314	9,839
36	98 254	2 699,644	27 430,505	10,161	9,686	36	99 005	2 720,282	28 008,577	10,296	9,821
37	98 167	2 440,965	24 730,861	10,132	9,657	37	98 958	2 460,624	25 288,295	10,277	9,802
38	98 074	2 206,922	22 289,896	10,100	9,625	38	98 905	2 225,621	22 827,671	10,257	9,782
39	97 966	1 995,019	20 082,974	10,067	9,592	39	98 850	2 013,015	20 602,050	10,234	9,760
40	97 854	1 803,375	18 087,955	10,030	9,555	40	98 784	1 820,528	18 589,035	10,211	9,736
41	97 728	1 629,920	16 284,581	9,991	9,516	41	98 715	1 646,373	16 768,507	10,185	9,710
42	97 594	1 473,020	14 654,661	9,949	9,474	42	98 636	1 488,736	15 122,135	10,158	9,683
43	97 445	1 331,011	13 181,641	9,903	9,429	43	98 548	1 346,073	13 633,398	10,128	9,653
44	97 271	1 202,387	11 850,630	9,856	9,381	44	98 447	1 216,919	12 287,325	10,097	9,622
45	97 078	1 085,968	10 648,243	9,805	9,330	45	98 336	1 100,047	11 070,407	10,064	9,589
46	96 863	980,600	9 562,274	9,751	9,277	46	98 211	994,254	9 970,360	10,028	9,553
47	96 623	885,226	8 581,674	9,694	9,220	47	98 073	898,509	8 976,106	9,990	9,515
48	96 344	798,797	7 696,449	9,635	9,160	48	97 913	811,801	8 077,596	9,950	9,475
49	96 035	720,574	6 897,652	9,572	9,098	49	97 740	733,362	7 265,795	9,908	9,433

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 10,5%

x	l_x	D_x	N_x	$ä_x$	$^{(12)}ä_x$	y	l_y	D_y	N_y	$ä_y$	$^{(12)}ä_y$
			Männer						Frauen		
50	95 691	649,767	6 177,078	9,507	9,032	50	97 538	662,311	6 532,433	9,863	9,388
51	95 308	585,671	5 527,311	9,438	8,963	51	97 324	598,056	5 870,122	9,815	9,341
52	94 857	527,512	4 941,640	9,368	8,893	52	97 085	539,903	5 272,066	9,765	9,290
53	94 382	474,996	4 414,128	9,293	8,818	53	96 819	487,258	4 732,163	9,712	9,237
54	93 861	427,488	3 939,131	9,215	8,740	54	96 528	439,632	4 244,905	9,656	9,181
55	93 280	384,471	3 511,643	9,134	8,659	55	96 220	396,587	3 805,273	9,595	9,120
56	92 649	345,584	3 127,172	9,049	8,574	56	95 879	357,631	3 408,685	9,531	9,056
57	91 974	310,466	2 781,588	8,959	8,485	57	95 517	322,427	3 051,054	9,463	8,988
58	91 234	278,704	2 471,122	8,866	8,392	58	95 135	290,623	2 728,627	9,389	8,914
59	90 431	250,003	2 192,418	8,770	8,295	59	94 716	261,847	2 438,004	9,311	8,836
60	89 568	224,088	1 942,415	8,668	8,193	60	94 268	235,847	2 176,157	9,227	8,752
61	88 638	200,687	1 718,327	8,562	8,087	61	93 760	212,285	1 940,311	9,140	8,665
62	87 648	179,589	1 517,640	8,451	7,976	62	93 222	191,010	1 728,025	9,047	8,572
63	86 597	160,576	1 338,051	8,333	7,858	63	92 634	171,769	1 537,016	8,948	8,473
64	85 502	143,480	1 177,475	8,207	7,732	64	92 009	154,400	1 365,247	8,842	8,367
65	84 297	128,016	1 033,994	8,077	7,602	65	91 333	138,701	1 210,847	8,730	8,255
66	83 028	114,107	905,978	7,940	7,465	66	90 620	124,541	1 072,146	8,609	8,134
67	81 654	101,556	791,871	7,797	7,323	67	89 845	111,743	947,605	8,480	8,005
68	80 194	90,263	690,315	7,648	7,173	68	89 024	100,201	835,862	8,342	7,867
69	78 659	80,122	600,052	7,489	7,014	69	88 160	89,799	735,660	8,192	7,717
70	77 011	70,990	519,931	7,324	6,849	70	87 223	80,403	645,861	8,033	7,558
71	75 258	62,781	448,941	7,151	6,676	71	86 211	71,919	565,458	7,862	7,388
72	73 382	55,399	386,159	6,970	6,496	72	85 101	64,247	493,539	7,682	7,207
73	71 393	48,776	330,760	6,781	6,306	73	83 869	57,300	429,293	7,492	7,017
74	69 262	42,824	281,984	6,585	6,110	74	82 505	51,012	371,993	7,292	6,817
75	66 916	37,442	239,160	6,387	5,913	75	80 970	45,306	320,981	7,085	6,610
76	64 411	32,616	201,718	6,185	5,710	76	79 232	40,121	275,675	6,871	6,396
77	61 730	28,288	169,103	5,978	5,503	77	77 292	35,419	235,554	6,650	6,176
78	58 844	24,403	140,815	5,770	5,296	78	75 149	31,165	200,135	6,422	5,947
79	55 736	20,918	116,411	5,565	5,090	79	72 739	27,299	168,970	6,190	5,715
80	52 456	17,816	95,493	5,360	4,885	80	70 098	23,808	141,671	5,951	5,476
81	49 044	15,074	77,677	5,153	4,678	81	67 171	20,646	117,863	5,709	5,234
82	45 471	12,648	62,603	4,950	4,475	82	63 974	17,795	97,217	5,463	4,988
83	41 818	10,527	49,955	4,746	4,271	83	60 446	15,216	79,422	5,220	4,745
84	38 142	8,689	39,428	4,538	4,063	84	56 655	12,907	64,206	4,975	4,500
85	34 397	7,091	30,739	4,335	3,860	85	52 558	10,835	51,300	4,734	4,260
86	30 660	5,720	23,648	4,134	3,659	86	48 209	8,994	40,464	4,499	4,024
87	26 953	4,551	17,928	3,939	3,465	87	43 667	7,373	31,470	4,268	3,794
88	23 308	3,561	13,377	3,756	3,281	88	38 938	5,950	24,097	4,050	3,575
89	19 851	2,745	9,815	3,576	3,101	89	34 176	4,726	18,147	3,840	3,365
90	16 530	2,069	7,070	3,418	2,943	90	29 340	3,672	13,422	3,656	3,181
91	13 621	1,543	5,002	3,242	2,768	91	24 798	2,808	9,750	3,472	2,997
92	10 899	1,117	3,459	3,097	2,622	92	20 392	2,090	6,942	3,322	2,847
93	8 541	0,792	2,342	2,956	2,482	93	16 533	1,533	4,852	3,164	2,689
94	6 537	0,549	1,550	2,825	2,350	94	13 107	1,100	3,318	3,016	2,542
95	4 880	0,371	1,001	2,701	2,226	95	10 146	0,771	2,218	2,878	2,404
96	3 548	0,244	0,631	2,586	2,111	96	7 660	0,527	1,448	2,749	2,274
97	2 509	0,156	0,387	2,477	2,003	97	5 632	0,350	0,921	2,629	2,154
98	1 724	0,097	0,231	2,376	1,901	98	4 028	0,227	0,571	2,516	2,042
99	1 149	0,059	0,134	2,282	1,807	99	2 799	0,143	0,344	2,412	1,937
100	742	0,034	0,075	2,194	1,719	100	1 887	0,087	0,201	2,314	1,839

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 10,75%

x	l_x	D_x	N_x	$ä_x$	$^{(12)}ä_x$	y	l_y	D_y	N_y	$ä_y$	$^{(12)}ä_y$
			Männer						Frauen		
0	100 000	100 000,000	1 023 977,539	10,240	9,765	0	100 000	100 000,000	1 025 587,000	10,256	9,781
1	99 613	89 944,215	923 977,539	10,273	9,798	1	99 685	90 008,787	925 587,000	10,283	9,808
2	99 581	81 187,164	834 033,323	10,273	9,798	2	99 658	81 250,589	835 578,213	10,284	9,809
3	99 562	73 292,858	752 846,159	10,272	9,797	3	99 644	73 353,036	754 327,624	10,284	9,808
4	99 548	66 169,450	679 553,301	10,270	9,795	4	99 632	66 225,589	680 974,587	10,283	9,807
5	99 535	59 738,748	613 383,851	10,268	9,793	5	99 621	59 790,245	614 748,998	10,282	9,807
6	99 524	53 934,351	553 645,103	10,265	9,790	6	99 610	53 981,221	554 958,753	10,281	9,805
7	99 513	48 694,043	499 710,752	10,262	9,787	7	99 602	48 737,264	500 977,532	10,279	9,804
8	99 505	43 963,910	451 016,709	10,259	9,784	8	99 593	44 002,782	452 240,268	10,278	9,802
9	99 497	39 693,227	407 052,799	10,255	9,780	9	99 586	39 728,705	408 237,486	10,276	9,800
10	99 489	35 837,570	367 359,572	10,251	9,776	10	99 579	35 869,946	368 508,781	10,273	9,798
11	99 480	32 356,088	331 522,002	10,246	9,771	11	99 572	32 385,914	332 638,835	10,271	9,796
12	99 472	29 212,922	299 165,914	10,241	9,766	12	99 564	29 240,022	300 252,921	10,269	9,793
13	99 461	26 374,421	269 952,991	10,235	9,760	13	99 556	26 399,700	271 012,899	10,266	9,791
14	99 450	23 811,735	243 578,570	10,229	9,754	14	99 547	23 835,066	244 613,199	10,263	9,788
15	99 435	21 497,211	219 766,835	10,223	9,748	15	99 536	21 519,172	220 778,133	10,260	9,784
16	99 417	19 407,118	198 269,624	10,216	9,741	16	99 524	19 427,959	199 258,962	10,256	9,781
17	99 391	17 518,807	178 862,506	10,210	9,735	17	99 508	17 539,476	179 831,003	10,253	9,778
18	99 358	15 812,977	161 343,699	10,203	9,728	18	99 493	15 834,457	162 291,527	10,249	9,774
19	99 310	14 271,208	145 530,723	10,198	9,722	19	99 470	14 294,213	146 457,069	10,246	9,771
20	99 261	12 879,670	131 259,514	10,191	9,716	20	99 449	12 904,072	132 162,857	10,242	9,767
21	99 208	11 623,243	118 379,845	10,185	9,710	21	99 427	11 648,946	119 258,784	10,238	9,763
22	99 154	10 489,356	106 756,601	10,178	9,702	22	99 406	10 516,034	107 609,838	10,233	9,758
23	99 101	9 466,169	96 267,245	10,170	9,694	23	99 384	9 493,161	97 093,804	10,228	9,753
24	99 050	8 542,863	86 801,076	10,161	9,685	24	99 361	8 569,743	87 600,643	10,222	9,747
25	98 994	7 709,329	78 258,214	10,151	9,676	25	99 341	7 736,353	79 030,900	10,216	9,740
26	98 940	6 957,196	70 548,884	10,140	9,665	26	99 319	6 983,884	71 294,547	10,208	9,733
27	98 882	6 278,242	63 591,689	10,129	9,654	27	99 296	6 304,497	64 310,663	10,201	9,726
28	98 820	5 665,253	57 313,446	10,117	9,641	28	99 269	5 691,019	58 006,165	10,193	9,717
29	98 760	5 112,279	51 648,193	10,103	9,628	29	99 244	5 137,318	52 315,146	10,183	9,708
30	98 695	4 613,018	46 535,914	10,088	9,613	30	99 216	4 637,331	47 177,828	10,173	9,698
31	98 632	4 162,588	41 922,896	10,071	9,596	31	99 188	4 186,021	42 540,497	10,163	9,687
32	98 562	3 755,862	37 760,308	10,054	9,579	32	99 158	3 778,562	38 354,475	10,151	9,675
33	98 489	3 388,804	34 004,446	10,034	9,559	33	99 122	3 410,585	34 575,913	10,138	9,663
34	98 414	3 057,533	30 615,642	10,013	9,538	34	99 086	3 078,409	31 165,329	10,124	9,649
35	98 336	2 758,562	27 558,109	9,990	9,515	35	99 044	2 778,421	28 086,920	10,109	9,634
36	98 254	2 488,709	24 799,547	9,965	9,490	36	99 005	2 507,734	25 308,500	10,092	9,617
37	98 167	2 245,162	22 310,838	9,937	9,462	37	98 958	2 263,244	22 800,766	10,074	9,599
38	98 074	2 025,310	20 065,677	9,907	9,432	38	98 905	2 042,470	20 537,522	10,055	9,580
39	97 966	1 826,713	18 040,366	9,876	9,401	39	98 850	1 843,190	18 495,051	10,034	9,559
40	97 854	1 647,508	16 213,653	9,841	9,366	40	98 784	1 663,179	16 651,861	10,012	9,537
41	97 728	1 485,684	14 566,145	9,804	9,329	41	98 715	1 500,681	14 988,682	9,988	9,513
42	97 594	1 339,638	13 080,461	9,764	9,289	42	98 636	1 353,931	13 488,001	9,962	9,487
43	97 445	1 207,756	11 740,823	9,721	9,246	43	98 548	1 221,423	12 134,070	9,934	9,459
44	97 271	1 088,580	10 533,067	9,676	9,201	44	98 447	1 101,736	10 912,647	9,905	9,430
45	97 078	980,961	9 444,488	9,628	9,153	45	98 336	993,678	9 810,911	9,873	9,398
46	96 863	883,781	8 463,527	9,576	9,101	46	98 211	896,087	8 817,233	9,840	9,365
47	96 623	796,023	7 579,746	9,522	9,047	47	98 073	807,968	7 921,146	9,804	9,329
48	96 344	716,682	6 783,723	9,465	8,990	48	97 913	728,349	7 113,178	9,766	9,291
49	96 035	645,041	6 067,041	9,406	8,930	49	97 740	656,489	6 384,829	9,726	9,251

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 10,75%

x	l_x	D_x	N_x	$ä_x$	$ä_x^{(12)}$	y	l_y	D_y	N_y	$ä_y$	$ä_y^{(12)}$
			Männer						Frauen		
50	95 691	580,343	5 422,000	9,343	8,868	50	97 538	591,547	5 728,340	9,684	9,208
51	95 308	521,915	4 841,657	9,277	8,802	51	97 324	532,951	5 136,793	9,638	9,163
52	94 857	469,026	4 319,742	9,210	8,735	52	97 085	480,043	4 603,842	9,590	9,115
53	94 382	421,379	3 850,717	9,138	8,663	53	96 819	432,257	4 123,799	9,540	9,065
54	93 861	378,378	3 429,337	9,063	8,588	54	96 528	389,126	3 691,542	9,487	9,012
55	93 280	339,535	3 050,960	8,986	8,511	55	96 220	350,234	3 302,416	9,429	8,954
56	92 649	304,503	2 711,425	8,904	8,429	56	95 879	315,118	2 952,181	9,368	8,893
57	91 974	272,942	2 406,922	8,818	8,343	57	95 517	283,458	2 637,063	9,303	8,828
58	91 234	244,466	2 133,980	8,729	8,254	58	95 135	254,921	2 353,605	9,233	8,758
59	90 431	218,796	1 889,513	8,636	8,161	59	94 716	229,161	2 098,684	9,158	8,683
60	89 568	195,673	1 670,718	8,538	8,063	60	94 268	205,941	1 869,523	9,078	8,603
61	88 638	174,844	1 475,045	8,436	7,961	61	93 760	184,949	1 663,582	8,995	8,520
62	87 648	156,110	1 300,201	8,329	7,854	62	93 222	166,037	1 478,633	8,905	8,430
63	86 597	139,267	1 144,091	8,215	7,740	63	92 634	148,975	1 312,597	8,811	8,336
64	85 502	124,159	1 004,824	8,093	7,618	64	92 009	133,608	1 163,622	8,709	8,234
65	84 297	110,527	880,664	7,968	7,493	65	91 333	119,753	1 030,013	8,601	8,126
66	83 028	98,296	770,137	7,835	7,360	66	90 620	107,284	910,261	8,485	8,009
67	81 654	87,287	671,841	7,697	7,222	67	89 845	96,042	802,976	8,361	7,885
68	80 194	77,405	584,554	7,552	7,077	68	89 024	85,928	706,934	8,227	7,752
69	78 659	68,553	507,149	7,398	6,923	69	88 160	76,834	621,006	8,082	7,607
70	77 011	60,603	438,596	7,237	6,762	70	87 223	68,639	544,172	7,928	7,453
71	75 258	53,475	377,993	7,069	6,593	71	86 211	61,257	475,533	7,763	7,288
72	73 382	47,080	324,518	6,893	6,418	72	85 101	54,599	414,276	7,588	7,112
73	71 393	41,358	277,438	6,708	6,233	73	83 869	48,586	359,677	7,403	6,928
74	69 262	36,229	236,079	6,516	6,041	74	82 505	43,156	311,091	7,208	6,733
75	66 916	31,605	199,850	6,323	5,848	75	80 970	38,242	267,935	7,006	6,531
76	64 411	27,468	168,246	6,125	5,650	76	79 232	33,789	229,693	6,798	6,323
77	61 730	23,770	140,777	5,922	5,447	77	77 292	29,762	195,903	6,582	6,107
78	58 844	20,459	117,007	5,719	5,244	78	75 149	26,128	166,141	6,359	5,883
79	55 736	17,498	96,548	5,518	5,043	79	72 739	22,836	140,013	6,131	5,656
80	52 456	14,870	79,050	5,316	4,841	80	70 098	19,870	117,177	5,897	5,422
81	49 044	12,553	64,181	5,113	4,638	81	67 171	17,192	97,307	5,660	5,185
82	45 471	10,509	51,628	4,913	4,438	82	63 974	14,785	80,114	5,419	4,944
83	41 818	8,726	41,119	4,712	4,237	83	60 446	12,614	65,329	5,179	4,704
84	38 142	7,187	32,393	4,507	4,032	84	56 655	10,675	52,716	4,938	4,463
85	34 397	5,852	25,206	4,307	3,832	85	52 558	8,942	42,041	4,702	4,226
86	30 660	4,710	19,354	4,109	3,634	86	48 209	7,406	33,099	4,469	3,994
87	26 953	3,739	14,644	3,917	3,442	87	43 667	6,057	25,693	4,242	3,767
88	23 308	2,919	10,906	3,736	3,261	88	38 938	4,877	19,637	4,027	3,551
89	19 851	2,245	7,987	3,558	3,083	89	34 176	3,865	14,760	3,819	3,344
90	16 530	1,688	5,742	3,402	2,927	90	29 340	2,996	10,895	3,637	3,162
91	13 621	1,256	4,054	3,228	2,753	91	24 798	2,286	7,899	3,455	2,980
92	10 899	0,907	2,798	3,084	2,609	92	20 392	1,698	5,613	3,306	2,831
93	8 541	0,642	1,891	2,945	2,470	93	16 533	1,243	3,915	3,150	2,675
94	6 537	0,444	1,249	2,814	2,339	94	13 107	0,890	2,672	3,004	2,529
95	4 880	0,299	0,805	2,692	2,217	95	10 146	0,622	1,783	2,867	2,392
96	3 548	0,196	0,506	2,577	2,102	96	7 660	0,424	1,161	2,739	2,264
97	2 509	0,125	0,310	2,470	1,995	97	5 632	0,281	0,737	2,620	2,145
98	1 724	0,078	0,184	2,370	1,894	98	4 028	0,182	0,456	2,509	2,033
99	1 149	0,047	0,107	2,276	1,801	99	2 799	0,114	0,274	2,405	1,929
100	742	0,027	0,060	2,188	1,713	100	1 887	0,069	0,160	2,308	1,832

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 11%

x	l_x	D_x	N_x	$ä_x$	$^{(12)}ä_x$	y	l_y	D_y	N_y	$ä_y$	$^{(12)}ä_y$
			Männer						Frauen		
0	100 000	100 000,000	1 003 130,236	10,031	9,556	0	100 000	100 000,000	1 004 643,713	10,046	9,571
1	99 613	89 741,638	903 130,236	10,064	9,588	1	99 685	89 806,064	904 643,713	10,073	9,598
2	99 581	80 821,868	813 388,598	10,064	9,588	2	99 658	80 885,008	814 837,649	10,074	9,598
3	99 562	72 798,751	732 566,730	10,063	9,587	3	99 644	72 858,523	733 952,641	10,074	9,598
4	99 548	65 575,340	659 767,979	10,061	9,586	4	99 632	65 630,975	661 094,118	10,073	9,597
5	99 535	59 069,038	594 192,639	10,059	9,584	5	99 621	59 119,958	595 463,143	10,072	9,597
6	99 524	53 209,600	535 123,602	10,057	9,581	6	99 610	53 255,840	536 343,185	10,071	9,596
7	99 513	47 931,512	481 914,002	10,054	9,579	7	99 602	47 974,056	483 087,345	10,070	9,594
8	99 505	43 177,984	433 982,490	10,051	9,575	8	99 593	43 216,161	435 113,289	10,068	9,593
9	99 497	38 895,845	390 804,506	10,047	9,572	9	99 586	38 930,611	391 897,128	10,067	9,591
10	99 489	35 038,550	351 908,661	10,043	9,568	10	99 579	35 070,203	352 966,518	10,065	9,589
11	99 480	31 563,440	316 870,111	10,039	9,564	11	99 572	31 592,535	317 896,315	10,062	9,587
12	99 472	28 433,091	285 306,672	10,034	9,559	12	99 564	28 459,467	286 303,780	10,060	9,585
13	99 461	25 612,547	256 873,580	10,029	9,554	13	99 556	25 637,096	257 844,312	10,057	9,582
14	99 450	23 071,808	231 261,033	10,024	9,548	14	99 547	23 094,414	232 207,216	10,055	9,579
15	99 435	20 782,293	208 189,226	10,018	9,542	15	99 536	20 803,523	209 112,803	10,052	9,576
16	99 417	18 719,453	187 406,933	10,011	9,536	16	99 524	18 739,555	188 309,279	10,049	9,573
17	99 391	16 859,992	168 687,480	10,005	9,530	17	99 508	16 879,884	169 569,724	10,046	9,570
18	99 358	15 184,037	151 827,488	9,999	9,524	18	99 493	15 204,663	152 689,840	10,042	9,567
19	99 310	13 672,726	136 643,451	9,994	9,518	19	99 470	13 694,766	137 485,177	10,039	9,564
20	99 261	12 311,752	122 970,725	9,988	9,513	20	99 449	12 335,078	123 790,412	10,036	9,560
21	99 208	11 085,702	110 658,973	9,982	9,507	21	99 427	11 110,216	111 455,333	10,032	9,556
22	99 154	9 981,722	99 573,271	9,976	9,500	22	99 406	10 007,109	100 345,117	10,027	9,552
23	99 101	8 987,764	89 591,549	9,968	9,493	23	99 384	9 013,391	90 338,008	10,023	9,547
24	99 050	8 092,851	80 603,786	9,960	9,484	24	99 361	8 118,316	81 324,616	10,017	9,542
25	98 994	7 286,777	72 510,934	9,951	9,475	25	99 341	7 312,320	73 206,300	10,011	9,536
26	98 940	6 561,058	65 224,157	9,941	9,466	26	99 319	6 586,226	65 893,980	10,005	9,529
27	98 882	5 907,429	58 663,099	9,930	9,455	27	99 296	5 932,133	59 307,754	9,998	9,522
28	98 820	5 318,639	52 755,670	9,919	9,443	28	99 269	5 342,828	53 375,621	9,990	9,515
29	98 760	4 788,687	47 437,031	9,906	9,431	29	99 244	4 812,142	48 032,792	9,982	9,506
30	98 695	4 311,296	42 648,344	9,892	9,417	30	99 216	4 334,019	43 220,651	9,972	9,497
31	98 632	3 881,565	38 337,048	9,877	9,401	31	99 188	3 903,416	38 886,632	9,962	9,487
32	98 562	3 494,409	34 455,483	9,860	9,385	32	99 158	3 515,529	34 983,215	9,951	9,476
33	98 489	3 145,802	30 961,074	9,842	9,366	33	99 122	3 166,021	31 467,686	9,939	9,464
34	98 414	2 831,893	27 815,271	9,822	9,347	34	99 086	2 851,228	28 301,665	9,926	9,451
35	98 336	2 549,231	24 983,378	9,800	9,325	35	99 044	2 567,583	25 450,437	9,912	9,437
36	98 254	2 294,676	22 434,147	9,777	9,301	36	99 005	2 312,218	22 882,854	9,896	9,421
37	98 167	2 065,454	20 139,471	9,751	9,275	37	98 958	2 082,089	20 570,637	9,880	9,404
38	98 074	1 859,004	18 074,017	9,722	9,247	38	98 905	1 874,755	18 488,548	9,862	9,386
39	97 966	1 672,938	16 215,013	9,693	9,217	39	98 850	1 688,028	16 613,793	9,842	9,367
40	97 854	1 505,421	14 542,075	9,660	9,184	40	98 784	1 519,740	14 925,765	9,821	9,346
41	97 728	1 354,495	13 036,655	9,625	9,149	41	98 715	1 368,168	13 406,025	9,799	9,323
42	97 594	1 218,595	11 682,160	9,587	9,111	42	98 636	1 231,596	12 037,857	9,774	9,299
43	97 445	1 096,154	10 463,565	9,546	9,070	43	98 548	1 108,558	10 806,261	9,748	9,272
44	97 271	985,765	9 367,411	9,503	9,027	44	98 447	997,679	9 697,702	9,720	9,245
45	97 078	886,310	8 381,646	9,457	8,981	45	98 336	897,800	8 700,023	9,690	9,215
46	96 863	796,709	7 495,336	9,408	8,932	46	98 211	807,802	7 802,223	9,659	9,183
47	96 623	715,980	6 698,627	9,356	8,880	47	98 073	726,724	6 994,421	9,625	9,149
48	96 344	643,165	5 982,647	9,302	8,826	48	97 913	653,636	6 267,697	9,589	9,113
49	96 035	577,570	5 339,482	9,245	8,769	49	97 740	587,820	5 614,061	9,551	9,075

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 11%

x	l_x	D_x	N_x	$ä_x$	$ä_x^{(12)}$	y	l_y	D_y	N_y	$ä_y$	$ä_y^{(12)}$
			Männer						Frauen		
50	95 691	518,468	4 761,912	9,185	8,709	50	97 538	528,478	5 026,241	9,511	9,035
51	95 308	465,220	4 243,443	9,121	8,646	51	97 324	475,057	4 497,763	9,468	8,992
52	94 857	417,134	3 778,223	9,058	8,582	52	97 085	426,932	4 022,705	9,422	8,947
53	94 382	373,915	3 361,089	8,989	8,513	53	96 819	383,568	3 595,773	9,375	8,899
54	93 861	335,001	2 987,174	8,917	8,441	54	96 528	344,518	3 212,205	9,324	8,848
55	93 280	299,934	2 652,173	8,843	8,367	55	96 220	309,386	2 867,687	9,269	8,793
56	92 649	268,382	2 352,239	8,765	8,289	56	95 879	277,738	2 558,302	9,211	8,736
57	91 974	240,024	2 083,856	8,682	8,206	57	95 517	249,271	2 280,563	9,149	8,673
58	91 234	214,498	1 843,833	8,596	8,121	58	95 135	223,671	2 031,292	9,082	8,606
59	90 431	191,542	1 629,335	8,506	8,031	59	94 716	200,616	1 807,621	9,010	8,535
60	89 568	170,913	1 437,793	8,412	7,937	60	94 268	179,882	1 607,005	8,934	8,458
61	88 638	152,376	1 266,880	8,314	7,839	61	93 760	161,182	1 427,123	8,854	8,379
62	87 648	135,743	1 114,504	8,210	7,735	62	93 222	144,375	1 265,941	8,768	8,293
63	86 597	120,825	978,761	8,101	7,625	63	92 634	129,247	1 121,566	8,678	8,202
64	85 502	107,475	857,936	7,983	7,507	64	92 009	115,654	992,319	8,580	8,105
65	84 297	95,459	750,461	7,862	7,386	65	91 333	103,427	876,665	8,476	8,001
66	83 028	84,704	655,001	7,733	7,257	66	90 620	92,450	773,238	8,364	7,888
67	81 654	75,048	570,297	7,599	7,124	67	89 845	82,576	680,788	8,244	7,769
68	80 194	66,402	495,249	7,458	6,983	68	89 024	73,713	598,212	8,115	7,640
69	78 659	58,676	428,847	7,309	6,833	69	88 160	65,763	524,499	7,976	7,500
70	77 011	51,754	370,171	7,152	6,677	70	87 223	58,617	458,735	7,826	7,350
71	75 258	45,564	318,416	6,988	6,513	71	86 211	52,195	400,118	7,666	7,190
72	73 382	40,025	272,852	6,817	6,341	72	85 101	46,417	347,923	7,496	7,020
73	71 393	35,081	232,827	6,637	6,161	73	83 869	41,212	301,505	7,316	6,840
74	69 262	30,661	197,746	6,449	5,974	74	82 505	36,524	260,293	7,127	6,651
75	66 916	26,687	167,084	6,261	5,785	75	80 970	32,292	223,769	6,929	6,454
76	64 411	23,143	140,397	6,067	5,591	76	79 232	28,468	191,477	6,726	6,251
77	61 730	19,981	117,254	5,868	5,393	77	77 292	25,019	163,009	6,515	6,040
78	58 844	17,160	97,273	5,669	5,193	78	75 149	21,914	137,990	6,297	5,821
79	55 736	14,643	80,113	5,471	4,996	79	72 739	19,110	116,076	6,074	5,599
80	52 456	12,415	65,470	5,273	4,798	80	70 098	16,591	96,966	5,845	5,369
81	49 044	10,457	53,055	5,073	4,598	81	67 171	14,322	80,375	5,612	5,136
82	45 471	8,735	42,598	4,877	4,401	82	63 974	12,289	66,053	5,375	4,899
83	41 818	7,237	33,863	4,679	4,204	83	60 446	10,461	53,764	5,140	4,664
84	38 142	5,947	26,626	4,477	4,002	84	56 655	8,833	43,303	4,902	4,427
85	34 397	4,831	20,679	4,280	3,805	85	52 558	7,382	34,470	4,669	4,194
86	30 660	3,880	15,848	4,085	3,609	86	48 209	6,100	27,088	4,440	3,965
87	26 953	3,073	11,968	3,895	3,420	87	43 667	4,978	20,987	4,216	3,741
88	23 308	2,394	8,896	3,716	3,241	88	38 938	3,999	16,010	4,003	3,528
89	19 851	1,837	6,502	3,540	3,064	89	34 176	3,162	12,011	3,798	3,323
90	16 530	1,378	4,665	3,386	2,910	90	29 340	2,446	8,848	3,618	3,143
91	13 621	1,023	3,287	3,214	2,738	91	24 798	1,862	6,403	3,438	2,963
92	10 899	0,737	2,264	3,071	2,595	92	20 392	1,380	4,541	3,291	2,816
93	8 541	0,521	1,527	2,933	2,458	93	16 533	1,008	3,161	3,137	2,661
94	6 537	0,359	1,006	2,804	2,329	94	13 107	0,720	2,153	2,992	2,517
95	4 880	0,241	0,648	2,683	2,207	95	10 146	0,502	1,434	2,857	2,381
96	3 548	0,158	0,406	2,569	2,093	96	7 660	0,341	0,932	2,730	2,254
97	2 509	0,101	0,248	2,462	1,987	97	5 632	0,226	0,590	2,611	2,136
98	1 724	0,062	0,147	2,363	1,887	98	4 028	0,146	0,364	2,501	2,025
99	1 149	0,037	0,085	2,270	1,794	99	2 799	0,091	0,219	2,398	1,922
100	742	0,022	0,048	2,183	1,707	100	1 887	0,055	0,127	2,301	1,826

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 11,25%

x	l_x	D_x	N_x	$ä_x$	$^{(12)}ä_x$	y	l_y	D_y	N_y	$ä_y$	$^{(12)}ä_y$
			Männer						Frauen		
0	100 000	100 000,000	983 194,317	9,832	9,356	0	100 000	100 000,000	984 621,281	9,846	9,370
1	99 613	89 539,971	883 194,317	9,864	9,388	1	99 685	89 604,253	884 621,281	9,873	9,397
2	99 581	80 459,032	793 654,345	9,864	9,388	2	99 658	80 521,888	795 017,028	9,873	9,397
3	99 562	72 309,075	713 195,314	9,863	9,387	3	99 644	72 368,445	714 495,140	9,873	9,397
4	99 548	64 987,883	640 886,239	9,862	9,386	4	99 632	65 043,019	642 126,695	9,872	9,396
5	99 535	58 408,317	575 898,357	9,860	9,384	5	99 621	58 458,667	577 083,675	9,872	9,396
6	99 524	52 496,186	517 490,040	9,858	9,382	6	99 610	52 541,806	518 625,008	9,871	9,395
7	99 513	47 182,597	464 993,854	9,855	9,379	7	99 602	47 224,476	466 083,202	9,870	9,394
8	99 505	42 407,829	417 811,257	9,852	9,376	8	99 593	42 445,324	418 858,726	9,868	9,392
9	99 497	38 116,221	375 403,429	9,849	9,373	9	99 586	38 150,291	376 413,402	9,867	9,391
10	99 489	34 259,081	337 287,207	9,845	9,369	10	99 579	34 290,030	338 263,111	9,865	9,389
11	99 480	30 791,928	303 028,126	9,841	9,365	11	99 572	30 820,312	303 973,081	9,863	9,387
12	99 472	27 675,762	272 236,198	9,837	9,361	12	99 564	27 701,436	273 152,769	9,861	9,385
13	99 461	24 874,321	244 560,436	9,832	9,356	13	99 556	24 898,162	245 451,334	9,858	9,382
14	99 450	22 356,461	219 686,115	9,827	9,351	14	99 547	22 378,366	220 553,171	9,856	9,380
15	99 435	20 092,679	197 329,654	9,821	9,345	15	99 536	20 113,205	198 174,805	9,853	9,377
16	99 417	18 057,620	177 236,975	9,815	9,339	16	99 524	18 077,011	178 061,600	9,850	9,374
17	99 391	16 227,353	159 179,356	9,809	9,333	17	99 508	16 246,498	159 984,589	9,847	9,371
18	99 358	14 581,443	142 952,003	9,804	9,328	18	99 493	14 601,251	143 738,091	9,844	9,368
19	99 310	13 100,604	128 370,560	9,799	9,323	19	99 470	13 121,722	129 136,840	9,841	9,366
20	99 261	11 770,070	115 269,956	9,793	9,318	20	99 449	11 792,370	116 015,118	9,838	9,362
21	99 208	10 574,147	103 499,886	9,788	9,312	21	99 427	10 597,530	104 222,748	9,835	9,359
22	99 154	9 499,715	92 925,739	9,782	9,306	22	99 406	9 523,876	93 625,218	9,831	9,355
23	99 101	8 534,532	83 426,024	9,775	9,299	23	99 384	8 558,867	84 101,342	9,826	9,350
24	99 050	7 667,479	74 891,492	9,767	9,292	24	99 361	7 691,605	75 542,475	9,821	9,346
25	98 994	6 888,259	67 224,013	9,759	9,283	25	99 341	6 912,405	67 850,870	9,816	9,340
26	98 940	6 188,292	60 335,754	9,750	9,274	26	99 319	6 212,031	60 938,465	9,810	9,334
27	98 882	5 559,278	54 147,462	9,740	9,264	27	99 296	5 582,526	54 726,434	9,803	9,327
28	98 820	4 993,941	48 588,184	9,729	9,254	28	99 269	5 016,653	49 143,908	9,796	9,320
29	98 760	4 486,238	43 594,244	9,717	9,241	29	99 244	4 508,211	44 127,255	9,788	9,312
30	98 695	4 029,922	39 108,006	9,704	9,229	30	99 216	4 051,162	39 619,044	9,780	9,304
31	98 632	3 620,084	35 078,084	9,690	9,214	31	99 188	3 640,463	35 567,882	9,770	9,294
32	98 562	3 251,685	31 458,001	9,674	9,198	32	99 158	3 271,338	31 927,419	9,760	9,284
33	98 489	2 920,714	28 206,315	9,657	9,181	33	99 122	2 939,486	28 656,082	9,749	9,273
34	98 414	2 623,357	25 285,601	9,639	9,163	34	99 086	2 641,269	25 716,595	9,736	9,261
35	98 336	2 356,204	22 662,244	9,618	9,142	35	99 044	2 373,166	23 075,327	9,723	9,248
36	98 254	2 116,157	20 306,040	9,596	9,120	36	99 005	2 132,334	20 702,161	9,709	9,233
37	98 167	1 900,488	18 189,883	9,571	9,095	37	98 958	1 915,794	18 569,827	9,693	9,217
38	98 074	1 706,683	16 289,396	9,544	9,069	38	98 905	1 721,143	16 654,033	9,676	9,200
39	97 966	1 532,411	14 582,713	9,516	9,040	39	98 850	1 546,233	14 932,890	9,658	9,182
40	97 854	1 375,866	13 050,302	9,485	9,009	40	98 784	1 388,953	13 386,657	9,638	9,162
41	97 728	1 235,147	11 674,436	9,452	8,976	41	98 715	1 247,616	11 997,703	9,617	9,141
42	97 594	1 108,724	10 439,289	9,416	8,940	42	98 636	1 120,553	10 750,088	9,594	9,118
43	97 445	995,082	9 330,564	9,377	8,901	43	98 548	1 006,342	9 629,534	9,569	9,093
44	97 271	892,861	8 335,483	9,336	8,860	44	98 447	903,651	8 623,192	9,543	9,067
45	97 078	800,975	7 442,622	9,292	8,816	45	98 336	811,359	7 719,541	9,514	9,038
46	96 863	718,383	6 641,647	9,245	8,769	46	98 211	728,385	6 908,182	9,484	9,008
47	96 623	644,140	5 923,265	9,196	8,720	47	98 073	653,806	6 179,797	9,452	8,976
48	96 344	577,331	5 279,125	9,144	8,668	48	97 913	586,730	5 525,991	9,418	8,942
49	96 035	517,285	4 701,794	9,089	8,613	49	97 740	526,465	4 939,261	9,382	8,906

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 11,25%

x	l_x	D_x	N_x	$ä_x$	$ä_x^{(12)}$	y	l_y	D_y	N_y	$ä_y$	$ä_y^{(12)}$
			Männer						Frauen		
50	95 691	463,308	4 184,510	9,032	8,556	50	97 538	472,253	4 412,796	9,344	8,868
51	95 308	414,791	3 721,201	8,971	8,495	51	97 324	423,562	3 940,543	9,303	8,827
52	94 857	371,082	3 306,410	8,910	8,434	52	97 085	379,798	3 516,981	9,260	8,784
53	94 382	331,887	2 935,329	8,844	8,368	53	96 819	340,454	3 137,183	9,215	8,739
54	93 861	296,679	2 603,442	8,775	8,299	54	96 528	305,106	2 796,729	9,166	8,690
55	93 280	265,026	2 306,763	8,704	8,228	55	96 220	273,378	2 491,622	9,114	8,638
56	92 649	236,614	2 041,737	8,629	8,153	56	95 879	244,862	2 218,244	9,059	8,583
57	91 974	211,136	1 805,123	8,550	8,074	57	95 517	219,271	1 973,382	9,000	8,524
58	91 234	188,258	1 593,987	8,467	7,991	58	95 135	196,309	1 754,112	8,935	8,460
59	90 431	167,733	1 405,729	8,381	7,905	59	94 716	175,679	1 557,802	8,867	8,391
60	89 568	149,332	1 237,996	8,290	7,814	60	94 268	157,168	1 382,123	8,794	8,318
61	88 638	132,836	1 088,664	8,196	7,720	61	93 760	140,513	1 224,955	8,718	8,242
62	87 648	118,070	955,827	8,095	7,619	62	93 222	125,578	1 084,441	8,636	8,160
63	86 597	104,858	837,757	7,989	7,514	63	92 634	112,167	958,863	8,548	8,073
64	85 502	93,063	732,899	7,875	7,399	64	92 009	100,145	846,695	8,455	7,979
65	84 297	82,473	639,836	7,758	7,282	65	91 333	89,357	746,550	8,355	7,879
66	83 028	73,017	557,363	7,633	7,157	66	90 620	79,693	657,193	8,247	7,771
67	81 654	64,547	484,346	7,504	7,028	67	89 845	71,022	577,500	8,131	7,655
68	80 194	56,983	419,799	7,367	6,891	68	89 024	63,257	506,478	8,007	7,531
69	78 659	50,240	362,816	7,222	6,746	69	88 160	56,308	443,221	7,871	7,395
70	77 011	44,213	312,577	7,070	6,594	70	87 223	50,076	386,914	7,726	7,251
71	75 258	38,837	268,363	6,910	6,434	71	86 211	44,490	336,837	7,571	7,095
72	73 382	34,040	229,526	6,743	6,267	72	85 101	39,476	292,347	7,406	6,930
73	71 393	29,768	195,486	6,567	6,091	73	83 869	34,970	252,871	7,231	6,755
74	69 262	25,959	165,718	6,384	5,908	74	82 505	30,923	217,901	7,047	6,571
75	66 916	22,544	139,759	6,199	5,724	75	80 970	27,279	186,978	6,854	6,378
76	64 411	19,505	117,215	6,009	5,533	76	79 232	23,994	159,700	6,656	6,180
77	61 730	16,803	97,709	5,815	5,339	77	77 292	21,039	135,706	6,450	5,974
78	58 844	14,398	80,906	5,619	5,143	78	75 149	18,387	114,666	6,236	5,760
79	55 736	12,258	66,508	5,425	4,950	79	72 739	15,998	96,279	6,018	5,542
80	52 456	10,370	54,249	5,231	4,755	80	70 098	13,858	80,281	5,793	5,317
81	49 044	8,715	43,879	5,035	4,559	81	67 171	11,937	66,423	5,565	5,089
82	45 471	7,263	35,164	4,841	4,365	82	63 974	10,219	54,486	5,332	4,856
83	41 818	6,004	27,901	4,647	4,171	83	60 446	8,679	44,268	5,101	4,625
84	38 142	4,923	21,896	4,448	3,972	84	56 655	7,312	35,589	4,867	4,391
85	34 397	3,990	16,974	4,254	3,778	85	52 558	6,097	28,277	4,638	4,162
86	30 660	3,197	12,983	4,061	3,585	86	48 209	5,027	22,179	4,412	3,936
87	26 953	2,526	9,786	3,873	3,398	87	43 667	4,093	17,152	4,191	3,715
88	23 308	1,964	7,260	3,697	3,221	88	38 938	3,281	13,059	3,981	3,505
89	19 851	1,503	5,296	3,522	3,047	89	34 176	2,588	9,778	3,778	3,302
90	16 530	1,125	3,792	3,370	2,894	90	29 340	1,997	7,190	3,600	3,124
91	13 621	0,834	2,667	3,200	2,724	91	24 798	1,517	5,193	3,422	2,946
92	10 899	0,600	1,833	3,058	2,582	92	20 392	1,122	3,675	3,277	2,801
93	8 541	0,422	1,234	2,922	2,446	93	16 533	0,817	2,553	3,124	2,648
94	6 537	0,291	0,812	2,794	2,318	94	13 107	0,582	1,736	2,980	2,504
95	4 880	0,195	0,521	2,674	2,198	95	10 146	0,405	1,154	2,846	2,370
96	3 548	0,127	0,326	2,561	2,085	96	7 660	0,275	0,748	2,720	2,244
97	2 509	0,081	0,199	2,455	1,979	97	5 632	0,182	0,473	2,603	2,127
98	1 724	0,050	0,118	2,356	1,880	98	4 028	0,117	0,291	2,493	2,017
99	1 149	0,030	0,068	2,264	1,788	99	2 799	0,073	0,175	2,391	1,915
100	742	0,017	0,038	2,177	1,701	100	1 887	0,044	0,102	2,295	1,819

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 11,5%

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
			Männer						Frauen		
0	100 000	100 000,000	964 112,188	9,641	9,165	0	100 000	100 000,000	965 460,962	9,655	9,178
1	99 613	89 339,209	864 112,188	9,672	9,196	1	99 685	89 403,346	865 460,962	9,680	9,204
2	99 581	80 098,633	774 772,979	9,673	9,196	2	99 658	80 161,208	776 057,616	9,681	9,205
3	99 562	71 823,780	694 674,345	9,672	9,196	3	99 644	71 882,752	695 896,407	9,681	9,205
4	99 548	64 406,989	622 850,565	9,671	9,194	4	99 632	64 461,633	624 013,655	9,680	9,204
5	99 535	57 756,445	558 443,576	9,669	9,193	5	99 621	57 806,234	559 552,022	9,680	9,204
6	99 524	51 793,906	500 687,131	9,667	9,191	6	99 610	51 838,915	501 745,789	9,679	9,203
7	99 513	46 447,025	448 893,226	9,665	9,188	7	99 602	46 488,252	449 906,873	9,678	9,202
8	99 505	41 653,093	402 446,200	9,662	9,186	8	99 593	41 689,921	403 418,621	9,677	9,200
9	99 497	37 353,922	360 793,107	9,659	9,183	9	99 586	37 387,310	361 728,700	9,675	9,199
10	99 489	33 498,645	323 439,185	9,655	9,179	10	99 579	33 528,907	324 341,390	9,673	9,197
11	99 480	30 040,942	289 940,540	9,652	9,175	11	99 572	30 068,634	290 812,483	9,672	9,195
12	99 472	26 940,237	259 899,598	9,647	9,171	12	99 564	26 965,228	260 743,849	9,670	9,193
13	99 461	24 158,959	232 959,361	9,643	9,167	13	99 556	24 182,115	233 778,621	9,667	9,191
14	99 450	21 664,825	208 800,402	9,638	9,161	14	99 547	21 686,052	209 596,506	9,665	9,189
15	99 435	19 427,420	187 135,577	9,633	9,156	15	99 536	19 447,266	187 910,454	9,663	9,186
16	99 417	17 420,593	167 708,157	9,627	9,151	16	99 524	17 439,300	168 463,187	9,660	9,184
17	99 391	15 619,793	150 287,564	9,622	9,145	17	99 508	15 638,222	151 023,887	9,657	9,181
18	99 358	14 004,037	134 667,771	9,616	9,140	18	99 493	14 023,060	135 385,665	9,655	9,178
19	99 310	12 553,627	120 663,734	9,612	9,136	19	99 470	12 573,863	121 362,605	9,652	9,176
20	99 261	11 253,356	108 110,107	9,607	9,131	20	99 449	11 274,678	108 788,742	9,649	9,173
21	99 208	10 087,268	96 856,751	9,602	9,126	21	99 427	10 109,574	97 514,064	9,646	9,169
22	99 154	9 041,988	86 769,483	9,596	9,120	22	99 406	9 064,985	87 404,490	9,642	9,166
23	99 101	8 105,097	77 727,495	9,590	9,114	23	99 384	8 128,208	78 339,505	9,638	9,162
24	99 050	7 265,345	69 622,398	9,583	9,107	24	99 361	7 288,206	70 211,298	9,634	9,157
25	98 994	6 512,358	62 357,053	9,575	9,099	25	99 341	6 535,186	62 923,092	9,628	9,152
26	98 940	5 837,471	55 844,695	9,567	9,090	26	99 319	5 859,864	56 387,906	9,623	9,146
27	98 882	5 232,358	50 007,223	9,557	9,081	27	99 296	5 254,240	50 528,041	9,617	9,140
28	98 820	4 689,728	44 774,865	9,547	9,071	28	99 269	4 711,057	45 273,802	9,610	9,134
29	98 760	4 203,506	40 085,137	9,536	9,060	29	99 244	4 224,095	40 562,745	9,603	9,126
30	98 695	3 767,482	35 881,631	9,524	9,048	30	99 216	3 787,339	36 338,650	9,595	9,118
31	98 632	3 376,745	32 114,149	9,510	9,034	31	99 188	3 395,755	32 551,312	9,586	9,110
32	98 562	3 026,310	28 737,404	9,496	9,020	32	99 158	3 044,600	29 155,557	9,576	9,100
33	98 489	2 712,184	25 711,094	9,480	9,004	33	99 122	2 729,615	26 110,956	9,566	9,090
34	98 414	2 430,595	22 998,910	9,462	8,986	34	99 086	2 447,190	23 381,341	9,554	9,078
35	98 336	2 178,177	20 568,315	9,443	8,967	35	99 044	2 193,857	20 934,151	9,542	9,066
36	98 254	1 951,881	18 390,138	9,422	8,945	36	99 005	1 966,802	18 740,293	9,528	9,052
37	98 167	1 749,024	16 438,257	9,399	8,922	37	98 958	1 763,110	16 773,491	9,514	9,037
38	98 074	1 567,143	14 689,234	9,373	8,897	38	98 905	1 580,421	15 010,381	9,498	9,021
39	97 966	1 403,964	13 122,091	9,346	8,870	39	98 850	1 416,629	13 429,960	9,480	9,004
40	97 854	1 257,715	11 718,126	9,317	8,841	40	98 784	1 269,678	12 013,332	9,462	8,985
41	97 728	1 126,549	10 460,411	9,285	8,809	41	98 715	1 137,921	10 743,653	9,441	8,965
42	97 594	1 008,974	9 333,862	9,251	8,775	42	98 636	1 019,739	9 605,732	9,420	8,944
43	97 445	903,525	8 324,888	9,214	8,738	43	98 548	913,750	8 585,993	9,396	8,920
44	97 271	808,892	7 421,363	9,175	8,698	44	98 447	818,668	7 672,244	9,372	8,895
45	97 078	724,020	6 612,471	9,133	8,657	45	98 336	733,406	6 853,576	9,345	8,869
46	96 863	647,907	5 888,451	9,088	8,612	46	98 211	656,929	6 120,170	9,316	8,840
47	96 623	579,645	5 240,544	9,041	8,565	47	98 073	588,343	5 463,241	9,286	8,810
48	96 344	518,361	4 660,899	8,992	8,515	48	97 913	526,800	4 874,898	9,254	8,778
49	96 035	463,406	4 142,538	8,939	8,463	49	97 740	471,630	4 348,098	9,219	8,743

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 11,5%

x	l_x	D_x	N_x	$ä_x$	$ä_x^{(12)}$	y	l_y	D_y	N_y	$ä_y$	$ä_y^{(12)}$
			Männer						Frauen		
50	95 691	414,122	3 679,132	8,884	8,408	50	97 538	422,117	3 876,468	9,183	8,707
51	95 308	369,924	3 265,010	8,826	8,350	51	97 324	377,746	3 454,351	9,145	8,668
52	94 857	330,200	2 895,087	8,768	8,291	52	97 085	337,957	3 076,605	9,104	8,627
53	94 382	294,661	2 564,886	8,705	8,228	53	96 819	302,268	2 738,649	9,060	8,584
54	93 861	262,812	2 270,225	8,638	8,162	54	96 528	270,277	2 436,381	9,014	8,538
55	93 280	234,246	2 007,414	8,570	8,093	55	96 220	241,628	2 166,103	8,965	8,488
56	92 649	208,664	1 773,168	8,498	8,021	56	95 879	215,939	1 924,476	8,912	8,436
57	91 974	185,779	1 564,503	8,421	7,945	57	95 517	192,936	1 708,537	8,855	8,379
58	91 234	165,277	1 378,725	8,342	7,866	58	95 135	172,345	1 515,601	8,794	8,318
59	90 431	146,927	1 213,447	8,259	7,783	59	94 716	153,888	1 343,255	8,729	8,253
60	89 568	130,516	1 066,520	8,172	7,695	60	94 268	137,364	1 189,367	8,658	8,182
61	88 638	115,838	936,004	8,080	7,604	61	93 760	122,533	1 052,003	8,585	8,109
62	87 648	102,731	820,166	7,984	7,507	62	93 222	109,263	929,470	8,507	8,030
63	86 597	91,031	717,435	7,881	7,405	63	92 634	97,376	820,207	8,423	7,947
64	85 502	80,610	626,405	7,771	7,295	64	92 009	86,744	722,831	8,333	7,857
65	84 297	71,276	545,795	7,657	7,181	65	91 333	77,226	636,087	8,237	7,760
66	83 028	62,962	474,519	7,537	7,060	66	90 620	68,720	558,861	8,132	7,656
67	81 654	55,535	411,556	7,411	6,935	67	89 845	61,105	490,141	8,021	7,545
68	80 194	48,916	356,022	7,278	6,802	68	89 024	54,302	429,036	7,901	7,425
69	78 659	43,031	307,106	7,137	6,661	69	88 160	48,229	374,734	7,770	7,294
70	77 011	37,785	264,075	6,989	6,513	70	87 223	42,795	326,505	7,630	7,153
71	75 258	33,116	226,290	6,833	6,357	71	86 211	37,936	283,711	7,479	7,002
72	73 382	28,960	193,174	6,670	6,194	72	85 101	33,585	245,775	7,318	6,842
73	71 393	25,269	164,214	6,499	6,022	73	83 869	29,685	212,190	7,148	6,672
74	69 262	21,986	138,945	6,320	5,843	74	82 505	26,190	182,505	6,968	6,492
75	66 916	19,051	116,959	6,139	5,663	75	80 970	23,052	156,315	6,781	6,305
76	64 411	16,446	97,908	5,953	5,477	76	79 232	20,231	133,263	6,587	6,111
77	61 730	14,136	81,462	5,763	5,286	77	77 292	17,700	113,032	6,386	5,910
78	58 844	12,086	67,326	5,571	5,094	78	75 149	15,434	95,332	6,177	5,700
79	55 736	10,267	55,240	5,381	4,904	79	72 739	13,398	79,898	5,963	5,487
80	52 456	8,666	44,973	5,190	4,714	80	70 098	11,580	66,500	5,743	5,266
81	49 044	7,266	36,308	4,997	4,520	81	67 171	9,952	54,919	5,518	5,042
82	45 471	6,042	29,041	4,806	4,330	82	63 974	8,501	44,967	5,290	4,813
83	41 818	4,984	22,999	4,615	4,139	83	60 446	7,204	36,466	5,062	4,586
84	38 142	4,077	18,015	4,419	3,943	84	56 655	6,056	29,263	4,832	4,356
85	34 397	3,297	13,939	4,227	3,751	85	52 558	5,038	23,207	4,606	4,130
86	30 660	2,636	10,641	4,037	3,561	86	48 209	4,145	18,169	4,384	3,907
87	26 953	2,078	8,005	3,852	3,376	87	43 667	3,367	14,024	4,165	3,689
88	23 308	1,612	5,927	3,677	3,201	88	38 938	2,693	10,657	3,958	3,482
89	19 851	1,231	4,315	3,505	3,029	89	34 176	2,120	7,965	3,758	3,281
90	16 530	0,919	3,084	3,354	2,878	90	29 340	1,632	5,845	3,582	3,105
91	13 621	0,680	2,165	3,186	2,710	91	24 798	1,237	4,213	3,406	2,929
92	10 899	0,488	1,485	3,046	2,569	92	20 392	0,912	2,976	3,262	2,786
93	8 541	0,343	0,998	2,911	2,435	93	16 533	0,663	2,064	3,111	2,634
94	6 537	0,235	0,655	2,784	2,307	94	13 107	0,472	1,400	2,969	2,492
95	4 880	0,157	0,420	2,664	2,188	95	10 146	0,327	0,929	2,835	2,359
96	3 548	0,103	0,262	2,553	2,076	96	7 660	0,222	0,601	2,711	2,235
97	2 509	0,065	0,159	2,448	1,971	97	5 632	0,146	0,379	2,594	2,118
98	1 724	0,040	0,094	2,350	1,873	98	4 028	0,094	0,233	2,486	2,009
99	1 149	0,024	0,054	2,258	1,782	99	2 799	0,058	0,139	2,384	1,908
100	742	0,014	0,030	2,172	1,696	100	1 887	0,035	0,081	2,289	1,813

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 11,75%

x	l_x	D_x	N_x	$ä_x$	$^{(12)}ä_x$	y	l_y	D_y	N_y	$ä_y$	$^{(12)}ä_y$
			Männer						Frauen		
0	100 000	100 000,000	945 830,907	9,458	8,982	0	100 000	100 000,000	947 108,823	9,471	8,994
1	99 613	89 139,345	845 830,907	9,489	9,012	1	99 685	89 203,339	847 108,823	9,496	9,020
2	99 581	79 740,651	756 691,562	9,489	9,013	2	99 658	79 802,946	757 905,484	9,497	9,021
3	99 562	71 342,819	676 950,911	9,489	9,012	3	99 644	71 401,396	678 102,537	9,497	9,020
4	99 548	63 832,571	605 608,091	9,487	9,011	4	99 632	63 886,728	606 701,141	9,497	9,020
5	99 535	57 113,284	541 775,520	9,486	9,009	5	99 621	57 162,518	542 814,413	9,496	9,019
6	99 524	51 102,562	484 662,237	9,484	9,007	6	99 610	51 146,971	485 651,895	9,495	9,019
7	99 513	45 724,531	433 559,674	9,482	9,005	7	99 602	45 765,116	434 504,924	9,494	9,018
8	99 505	40 913,435	387 835,144	9,479	9,003	8	99 593	40 949,609	388 739,808	9,493	9,016
9	99 497	36 608,525	346 921,709	9,477	9,000	9	99 586	36 641,247	347 790,200	9,492	9,015
10	99 489	32 756,734	310 313,184	9,473	8,997	10	99 579	32 786,326	311 148,953	9,490	9,014
11	99 480	29 309,894	277 556,450	9,470	8,993	11	99 572	29 336,912	278 362,627	9,488	9,012
12	99 472	26 225,842	248 246,557	9,466	8,989	12	99 564	26 250,171	249 025,716	9,487	9,010
13	99 461	23 465,703	222 020,714	9,461	8,985	13	99 556	23 488,195	222 775,545	9,485	9,008
14	99 450	20 996,064	198 555,011	9,457	8,980	14	99 547	21 016,636	199 287,350	9,482	9,006
15	99 435	18 785,604	177 558,947	9,452	8,975	15	99 536	18 804,795	178 270,715	9,480	9,003
16	99 417	16 807,391	158 773,343	9,447	8,970	16	99 524	16 825,440	159 465,920	9,478	9,001
17	99 391	15 036,265	141 965,952	9,442	8,965	17	99 508	15 054,005	142 640,480	9,475	8,999
18	99 358	13 450,712	126 929,687	9,437	8,960	18	99 493	13 468,984	127 586,475	9,473	8,996
19	99 310	12 030,636	113 478,975	9,432	8,956	19	99 470	12 050,029	114 117,491	9,470	8,994
20	99 261	10 760,409	101 448,338	9,428	8,951	20	99 449	10 780,797	102 067,461	9,468	8,991
21	99 208	9 623,822	90 687,929	9,423	8,947	21	99 427	9 645,104	91 286,665	9,465	8,988
22	99 154	8 607,267	81 064,107	9,418	8,941	22	99 406	8 629,159	81 641,561	9,461	8,984
23	99 101	7 698,160	72 456,840	9,412	8,936	23	99 384	7 720,110	73 012,402	9,457	8,981
24	99 050	6 885,132	64 758,680	9,406	8,929	24	99 361	6 906,797	65 292,292	9,453	8,977
25	98 994	6 157,745	57 873,547	9,398	8,922	25	99 341	6 179,330	58 385,495	9,449	8,972
26	98 940	5 507,259	51 715,802	9,390	8,914	26	99 319	5 528,385	52 206,165	9,443	8,967
27	98 882	4 925,332	46 208,544	9,382	8,905	27	99 296	4 945,930	46 677,780	9,438	8,961
28	98 820	4 404,667	41 283,211	9,373	8,896	28	99 269	4 424,699	41 731,850	9,432	8,955
29	98 760	3 939,168	36 878,545	9,362	8,885	29	99 244	3 958,461	37 307,151	9,425	8,948
30	98 695	3 522,664	32 939,377	9,351	8,874	30	99 216	3 541,231	33 348,690	9,417	8,941
31	98 632	3 150,255	29 416,713	9,338	8,861	31	99 188	3 167,990	29 807,460	9,409	8,932
32	98 562	2 817,008	26 266,458	9,324	8,848	32	99 158	2 834,034	26 639,470	9,400	8,923
33	98 489	2 518,960	23 449,450	9,309	8,833	33	99 122	2 535,149	23 805,436	9,390	8,914
34	98 414	2 252,382	20 930,490	9,293	8,816	34	99 086	2 267,760	21 270,287	9,379	8,903
35	98 336	2 013,956	18 678,109	9,274	8,798	35	99 044	2 028,454	19 002,527	9,368	8,891
36	98 254	1 800,684	16 664,153	9,254	8,778	36	99 005	1 814,449	16 974,073	9,355	8,878
37	98 167	1 609,931	14 863,470	9,232	8,756	37	98 958	1 622,897	15 159,624	9,341	8,864
38	98 074	1 439,287	13 253,539	9,208	8,732	38	98 905	1 451,481	13 536,727	9,326	8,850
39	97 966	1 286,537	11 814,252	9,183	8,706	39	98 850	1 298,142	12 085,246	9,310	8,833
40	97 854	1 149,942	10 527,716	9,155	8,678	40	98 784	1 160,880	10 787,104	9,292	8,816
41	97 728	1 027,710	9 377,774	9,125	8,648	41	98 715	1 038,085	9 626,225	9,273	8,796
42	97 594	918,392	8 350,064	9,092	8,615	42	98 636	928,190	8 588,140	9,253	8,776
43	97 445	820,570	7 431,672	9,057	8,580	43	98 548	829,856	7 659,950	9,230	8,754
44	97 271	732,982	6 611,101	9,019	8,543	44	98 447	741,840	6 830,094	9,207	8,730
45	97 078	654,607	5 878,120	8,980	8,503	45	98 336	663,093	6 088,253	9,182	8,705
46	96 863	584,481	5 223,513	8,937	8,460	46	98 211	592,619	5 425,160	9,155	8,678
47	96 623	521,732	4 639,032	8,892	8,415	47	98 073	529,561	4 832,541	9,126	8,649
48	96 344	465,526	4 117,300	8,844	8,368	48	97 913	473,105	4 302,980	9,095	8,619
49	96 035	415,242	3 651,774	8,794	8,318	49	97 740	422,611	3 829,875	9,062	8,586

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 11,75%

x	l_x	D_x	N_x	$ä_x$	$ä_x^{(12)}$	y	l_y	D_y	N_y	$ä_y$	$ä_y^{(12)}$
			Männer						Frauen		
50	95 691	370,250	3 236,532	8,741	8,265	50	97 538	377,398	3 407,264	9,028	8,552
51	95 308	329,994	2 866,282	8,686	8,209	51	97 324	336,972	3 029,866	8,991	8,515
52	94 857	293,900	2 536,288	8,630	8,153	52	97 085	300,803	2 692,894	8,952	8,476
53	94 382	261,681	2 242,389	8,569	8,093	53	96 819	268,436	2 392,091	8,911	8,435
54	93 861	232,874	1 980,708	8,505	8,029	54	96 528	239,489	2 123,655	8,867	8,391
55	93 280	207,098	1 747,834	8,440	7,963	55	96 220	213,624	1 884,166	8,820	8,343
56	92 649	184,068	1 540,736	8,370	7,894	56	95 879	190,485	1 670,542	8,770	8,293
57	91 974	163,514	1 356,668	8,297	7,820	57	95 517	169,813	1 480,057	8,716	8,239
58	91 234	145,144	1 193,154	8,220	7,744	58	95 135	151,351	1 310,243	8,657	8,180
59	90 431	128,740	1 048,010	8,140	7,664	59	94 716	134,840	1 158,892	8,595	8,118
60	89 568	114,105	919,270	8,056	7,580	60	94 268	120,092	1 024,053	8,527	8,051
61	88 638	101,046	805,165	7,968	7,492	61	93 760	106,886	903,961	8,457	7,981
62	87 648	89,412	704,120	7,875	7,398	62	93 222	95,098	797,075	8,382	7,905
63	86 597	79,051	614,708	7,776	7,299	63	92 634	84,562	701,977	8,301	7,825
64	85 502	69,845	535,656	7,669	7,193	64	92 009	75,161	617,416	8,215	7,738
65	84 297	61,620	465,811	7,559	7,083	65	91 333	66,763	542,255	8,122	7,645
66	83 028	54,311	404,191	7,442	6,966	66	90 620	59,277	475,492	8,022	7,545
67	81 654	47,796	349,880	7,320	6,844	67	89 845	52,591	416,215	7,914	7,438
68	80 194	42,006	302,084	7,191	6,715	68	89 024	46,631	363,624	7,798	7,321
69	78 659	36,869	260,078	7,054	6,577	69	88 160	41,323	316,993	7,671	7,194
70	77 011	32,302	223,208	6,910	6,433	70	87 223	36,585	275,670	7,535	7,058
71	75 258	28,247	190,906	6,758	6,282	71	86 211	32,359	239,085	7,389	6,912
72	73 382	24,647	162,659	6,600	6,123	72	85 101	28,583	206,726	7,232	6,756
73	71 393	21,458	138,012	6,432	5,955	73	83 869	25,208	178,143	7,067	6,590
74	69 262	18,628	116,554	6,257	5,780	74	82 505	22,190	152,935	6,892	6,415
75	66 916	16,105	97,926	6,080	5,604	75	80 970	19,488	130,745	6,709	6,233
76	64 411	13,872	81,821	5,898	5,422	76	79 232	17,064	111,258	6,520	6,043
77	61 730	11,897	67,948	5,711	5,235	77	77 292	14,896	94,193	6,323	5,847
78	58 844	10,148	56,051	5,523	5,047	78	75 149	12,960	79,297	6,118	5,642
79	55 736	8,602	45,903	5,337	4,860	79	72 739	11,226	66,337	5,909	5,433
80	52 456	7,244	37,301	5,149	4,672	80	70 098	9,681	55,111	5,693	5,216
81	49 044	6,061	30,057	4,959	4,483	81	67 171	8,301	45,430	5,473	4,996
82	45 471	5,028	23,996	4,772	4,295	82	63 974	7,075	37,129	5,248	4,772
83	41 818	4,138	18,968	4,584	4,107	83	60 446	5,982	30,055	5,024	4,548
84	38 142	3,378	14,830	4,391	3,914	84	56 655	5,017	24,073	4,798	4,322
85	34 397	2,726	11,452	4,201	3,725	85	52 558	4,165	19,056	4,575	4,099
86	30 660	2,174	8,726	4,014	3,537	86	48 209	3,419	14,891	4,356	3,879
87	26 953	1,710	6,552	3,831	3,354	87	43 667	2,771	11,473	4,140	3,664
88	23 308	1,323	4,842	3,658	3,182	88	38 938	2,211	8,702	3,936	3,459
89	19 851	1,009	3,518	3,488	3,011	89	34 176	1,737	6,491	3,738	3,261
90	16 530	0,752	2,510	3,339	2,862	90	29 340	1,334	4,754	3,564	3,087
91	13 621	0,554	1,758	3,172	2,695	91	24 798	1,009	3,420	3,390	2,913
92	10 899	0,397	1,204	3,033	2,557	92	20 392	0,742	2,411	3,247	2,771
93	8 541	0,278	0,807	2,900	2,423	93	16 533	0,539	1,669	3,098	2,621
94	6 537	0,191	0,529	2,774	2,297	94	13 107	0,382	1,130	2,957	2,480
95	4 880	0,127	0,338	2,655	2,179	95	10 146	0,265	0,748	2,825	2,348
96	3 548	0,083	0,211	2,544	2,068	96	7 660	0,179	0,483	2,702	2,225
97	2 509	0,052	0,128	2,440	1,964	97	5 632	0,118	0,304	2,586	2,109
98	1 724	0,032	0,076	2,343	1,866	98	4 028	0,075	0,187	2,478	2,001
99	1 149	0,019	0,043	2,252	1,775	99	2 799	0,047	0,111	2,377	1,900
100	742	0,011	0,024	2,167	1,690	100	1 887	0,028	0,064	2,283	1,806

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 12%

x	l_x	D_x	N_x	$ä_x$	$ä_x^{(12)}$	y	l_y	D_y	N_y	$ä_y$	$ä_y^{(12)}$
			Männer						Frauen		
0	100 000	100 000,000	928 301,734	9,283	8,806	0	100 000	100 000,000	929 515,265	9,295	8,818
1	99 613	88 940,373	828 301,734	9,313	8,836	1	99 685	89 004,224	829 515,265	9,320	8,843
2	99 581	79 385,063	739 361,361	9,314	8,837	2	99 658	79 447,081	740 511,041	9,321	8,844
3	99 562	70 866,143	659 976,297	9,313	8,836	3	99 644	70 924,328	661 063,960	9,321	8,844
4	99 548	63 264,543	589 110,155	9,312	8,835	4	99 632	63 318,218	590 139,631	9,320	8,843
5	99 535	56 478,698	525 845,612	9,311	8,834	5	99 621	56 527,385	526 821,414	9,320	8,843
6	99 524	50 421,961	469 366,914	9,309	8,832	6	99 610	50 465,778	470 294,029	9,319	8,842
7	99 513	45 014,851	418 944,953	9,307	8,830	7	99 602	45 054,806	419 828,250	9,318	8,841
8	99 505	40 188,520	373 930,102	9,304	8,827	8	99 593	40 224,053	374 773,444	9,317	8,840
9	99 497	35 879,618	333 741,582	9,302	8,825	9	99 586	35 911,688	334 549,391	9,316	8,839
10	99 489	32 032,858	297 861,964	9,299	8,822	10	99 579	32 061,795	298 637,702	9,314	8,837
11	99 480	28 598,210	265 829,106	9,295	8,818	11	99 572	28 624,571	266 575,907	9,313	8,836
12	99 472	25 531,924	237 230,896	9,292	8,815	12	99 564	25 555,609	237 951,335	9,311	8,834
13	99 461	22 793,824	211 698,972	9,288	8,811	13	99 556	22 815,672	212 395,726	9,309	8,832
14	99 450	20 349,372	188 905,148	9,283	8,806	14	99 547	20 369,311	189 580,054	9,307	8,830
15	99 435	18 166,355	168 555,776	9,278	8,801	15	99 536	18 184,913	169 210,744	9,305	8,828
16	99 417	16 217,072	150 389,421	9,274	8,797	16	99 524	16 234,487	151 025,831	9,303	8,826
17	99 391	14 475,769	134 172,348	9,269	8,792	17	99 508	14 492,847	134 791,344	9,301	8,824
18	99 358	12 920,415	119 696,580	9,264	8,787	18	99 493	12 937,966	120 298,496	9,298	8,821
19	99 310	11 530,530	106 776,165	9,260	8,783	19	99 470	11 549,117	107 360,530	9,296	8,819
20	99 261	10 290,085	95 245,635	9,256	8,779	20	99 449	10 309,582	95 811,414	9,293	8,816
21	99 208	9 182,634	84 955,550	9,252	8,775	21	99 427	9 202,940	85 501,832	9,291	8,814
22	99 154	8 194,350	75 772,916	9,247	8,770	22	99 406	8 215,191	76 298,892	9,288	8,811
23	99 101	7 312,496	67 578,566	9,242	8,765	23	99 384	7 333,347	68 083,701	9,284	8,807
24	99 050	6 525,601	60 266,070	9,235	8,758	24	99 361	6 546,134	60 750,354	9,280	8,803
25	98 994	5 823,169	53 740,469	9,229	8,752	25	99 341	5 843,581	54 204,220	9,276	8,799
26	98 940	5 196,402	47 917,300	9,221	8,744	26	99 319	5 216,336	48 360,639	9,271	8,794
27	98 882	4 636,949	42 720,898	9,213	8,736	27	99 296	4 656,340	43 144,303	9,266	8,789
28	98 820	4 137,512	38 083,949	9,205	8,728	28	99 269	4 156,330	38 487,963	9,260	8,783
29	98 760	3 691,987	33 946,437	9,195	8,718	29	99 244	3 710,070	34 331,633	9,254	8,777
30	98 695	3 294,250	30 254,450	9,184	8,707	30	99 216	3 311,612	30 621,563	9,247	8,770
31	98 632	2 939,412	26 960,200	9,172	8,695	31	99 188	2 955,960	27 309,951	9,239	8,762
32	98 562	2 622,602	24 020,788	9,159	8,682	32	99 158	2 638,453	24 353,991	9,230	8,753
33	98 489	2 339,888	21 398,186	9,145	8,668	33	99 122	2 354,926	21 715,538	9,221	8,744
34	98 414	2 087,591	19 058,298	9,129	8,652	34	99 086	2 101,844	19 360,612	9,211	8,734
35	98 336	1 862,442	16 970,707	9,112	8,635	35	99 044	1 875,849	17 258,768	9,201	8,724
36	98 254	1 661,498	15 108,266	9,093	8,616	36	99 005	1 674,199	15 382,919	9,188	8,711
37	98 167	1 482,173	13 446,768	9,072	8,595	37	98 958	1 494,110	13 708,719	9,175	8,698
38	98 074	1 322,113	11 964,595	9,050	8,573	38	98 905	1 333,315	12 214,609	9,161	8,684
39	97 966	1 179,161	10 642,482	9,025	8,548	39	98 850	1 189,797	10 881,294	9,146	8,669
40	97 854	1 051,613	9 463,321	8,999	8,522	40	98 784	1 061,616	9 691,497	9,129	8,652
41	97 728	937,736	8 411,707	8,970	8,493	41	98 715	947,202	8 629,881	9,111	8,634
42	97 594	836,118	7 473,971	8,939	8,462	42	98 636	845,038	7 682,678	9,092	8,615
43	97 445	745,392	6 637,854	8,905	8,428	43	98 548	753,827	6 837,640	9,071	8,594
44	97 271	664,342	5 892,462	8,870	8,393	44	98 447	672,371	6 083,813	9,048	8,571
45	97 078	591,982	5 228,120	8,832	8,355	45	98 336	599,657	5 411,442	9,024	8,547
46	96 863	527,385	4 636,138	8,791	8,314	46	98 211	534,728	4 811,786	8,999	8,522
47	96 623	469,715	4 108,753	8,747	8,270	47	98 073	476,763	4 277,057	8,971	8,494
48	96 344	418,177	3 639,038	8,702	8,225	48	97 913	424,985	3 800,294	8,942	8,465
49	96 035	372,175	3 220,861	8,654	8,177	49	97 740	378,780	3 375,309	8,911	8,434

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2009/2011

Zinsfuß 12%

x	l_x	D_x	N_x	$\ddot{a}_x$	$\overset{(12)}{\ddot{a}}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$\overset{(12)}{\ddot{a}}_y$
			Männer						Frauen		
50	95 691	331,108	2 848,686	8,603	8,126	50	97 538	337,501	2 996,529	8,879	8,402
51	95 308	294,450	2 517,578	8,550	8,073	51	97 324	300,676	2 659,028	8,843	8,366
52	94 857	261,658	2 223,128	8,496	8,019	52	97 085	267,804	2 358,352	8,806	8,329
53	94 382	232,453	1 961,470	8,438	7,961	53	96 819	238,454	2 090,548	8,767	8,290
54	93 861	206,402	1 729,017	8,377	7,900	54	96 528	212,265	1 852,094	8,725	8,248
55	93 280	183,146	1 522,615	8,314	7,837	55	96 220	188,918	1 639,829	8,680	8,203
56	92 649	162,417	1 339,468	8,247	7,770	56	95 879	168,079	1 450,911	8,632	8,155
57	91 974	143,958	1 177,051	8,176	7,699	57	95 517	149,504	1 282,832	8,581	8,104
58	91 234	127,500	1 033,093	8,103	7,626	58	95 135	132,953	1 133,328	8,524	8,047
59	90 431	112,838	905,593	8,026	7,549	59	94 716	118,184	1 000,375	8,465	7,988
60	89 568	99,787	792,755	7,944	7,467	60	94 268	105,023	882,191	8,400	7,923
61	88 638	88,170	692,968	7,859	7,382	61	93 760	93,265	777,168	8,333	7,856
62	87 648	77,844	604,798	7,769	7,292	62	93 222	82,794	683,903	8,260	7,783
63	86 597	68,670	526,954	7,674	7,197	63	92 634	73,457	601,109	8,183	7,706
64	85 502	60,538	458,284	7,570	7,093	64	92 009	65,145	527,652	8,100	7,623
65	84 297	53,289	397,747	7,464	6,987	65	91 333	57,737	462,507	8,011	7,534
66	83 028	46,863	344,457	7,350	6,873	66	90 620	51,149	404,770	7,914	7,437
67	81 654	41,150	297,594	7,232	6,755	67	89 845	45,278	353,621	7,810	7,333
68	80 194	36,084	256,444	7,107	6,630	68	89 024	40,057	308,343	7,698	7,221
69	78 659	31,601	220,359	6,973	6,496	69	88 160	35,418	268,286	7,575	7,098
70	77 011	27,624	188,758	6,833	6,356	70	87 223	31,288	232,868	7,443	6,966
71	75 258	24,103	161,134	6,685	6,208	71	86 211	27,611	201,580	7,301	6,824
72	73 382	20,984	137,031	6,530	6,053	72	85 101	24,335	173,969	7,149	6,672
73	71 393	18,228	116,047	6,366	5,889	73	83 869	21,413	149,634	6,988	6,511
74	69 262	15,789	97,819	6,195	5,718	74	82 505	18,808	128,220	6,817	6,340
75	66 916	13,620	82,029	6,023	5,546	75	80 970	16,481	109,412	6,639	6,162
76	64 411	11,705	68,409	5,844	5,367	76	79 232	14,399	92,932	6,454	5,977
77	61 730	10,016	56,704	5,661	5,184	77	77 292	12,541	78,533	6,262	5,785
78	58 844	8,525	46,688	5,476	4,999	78	75 149	10,887	65,991	6,061	5,584
79	55 736	7,210	38,162	5,293	4,816	79	72 739	9,409	55,104	5,857	5,380
80	52 456	6,058	30,953	5,109	4,632	80	70 098	8,096	45,695	5,644	5,167
81	49 044	5,057	24,894	4,922	4,445	81	67 171	6,927	37,599	5,428	4,951
82	45 471	4,187	19,837	4,738	4,261	82	63 974	5,890	30,673	5,207	4,730
83	41 818	3,438	15,651	4,553	4,076	83	60 446	4,969	24,782	4,987	4,510
84	38 142	2,800	12,213	4,362	3,885	84	56 655	4,158	19,813	4,765	4,288
85	34 397	2,254	9,413	4,176	3,699	85	52 558	3,444	15,655	4,545	4,068
86	30 660	1,794	7,159	3,991	3,514	86	48 209	2,821	12,211	4,329	3,852
87	26 953	1,408	5,365	3,810	3,333	87	43 667	2,281	9,390	4,116	3,639
88	23 308	1,087	3,957	3,640	3,163	88	38 938	1,816	7,108	3,914	3,437
89	19 851	0,827	2,870	3,471	2,994	89	34 176	1,423	5,292	3,718	3,241
90	16 530	0,615	2,043	3,324	2,847	90	29 340	1,091	3,869	3,546	3,069
91	13 621	0,452	1,428	3,158	2,681	91	24 798	0,823	2,778	3,374	2,897
92	10 899	0,323	0,976	3,021	2,544	92	20 392	0,605	1,954	3,233	2,756
93	8 541	0,226	0,653	2,889	2,412	93	16 533	0,438	1,350	3,085	2,608
94	6 537	0,154	0,427	2,764	2,287	94	13 107	0,310	0,912	2,945	2,468
95	4 880	0,103	0,272	2,647	2,170	95	10 146	0,214	0,603	2,815	2,338
96	3 548	0,067	0,170	2,537	2,060	96	7 660	0,144	0,389	2,692	2,215
97	2 509	0,042	0,103	2,433	1,956	97	5 632	0,095	0,244	2,578	2,101
98	1 724	0,026	0,060	2,337	1,860	98	4 028	0,060	0,149	2,471	1,994
99	1 149	0,015	0,035	2,246	1,769	99	2 799	0,038	0,089	2,370	1,893
100	742	0,009	0,019	2,161	1,684	100	1 887	0,023	0,051	2,277	1,800

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

Notation

x   Alter des Mannes

y   Alter der Frau

l_{xy} Lebende gemäß Sterbetafel

D_{xy} Diskontierte Zahl der Lebenden

N_{xy} Erste Summe der diskontierten Zahlen der Lebenden

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

$^{(12)}\ddot{a}_{xy}$ Barwert der sofort beginnenden und lebenslänglich, *monatlich* vorschüssig
zahlbaren Verbindungsrente „1" auf das *kürzere Leben*

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

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

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

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	0	100 000	100 000,000	5 173 479,995	51,735	51,275	50	50	93 336	56 751,625	1 290 530,278	22,740	22,280
1	1	99 299	98 316,009	5 073 479,995	51,604	51,144	51	51	92 757	55 841,634	1 233 778,653	22,094	21,634
2	2	99 240	97 285,045	4 975 163,986	51,140	50,680	52	52	92 093	54 892,534	1 177 937,019	21,459	20,999
3	3	99 207	96 289,303	4 877 878,941	50,659	50,199	53	53	91 380	53 928,510	1 123 044,486	20,825	20,365
4	4	99 182	95 312,035	4 781 589,639	50,168	49,708	54	54	90 602	52 940,193	1 069 115,976	20,195	19,735
5	5	99 157	94 344,575	4 686 277,604	49,672	49,212	55	55	89 754	51 925,190	1 016 175,783	19,570	19,110
6	6	99 136	93 390,938	4 591 933,029	49,169	48,709	56	56	88 831	50 882,301	964 250,592	18,951	18,491
7	7	99 117	92 448,453	4 498 542,092	48,660	48,200	57	57	87 851	49 822,643	913 368,291	18,332	17,872
8	8	99 101	91 517,725	4 406 093,638	48,145	47,685	58	58	86 796	48 736,926	863 545,648	17,719	17,259
9	9	99 085	90 597,389	4 314 575,913	47,624	47,164	59	59	85 653	47 618,980	814 808,722	17,111	16,651
10	10	99 070	89 687,153	4 223 978,525	47,097	46,637	60	60	84 435	46 477,068	767 189,742	16,507	16,047
11	11	99 055	88 784,924	4 134 291,372	46,565	46,105	61	61	83 107	45 293,273	720 712,674	15,912	15,452
12	12	99 038	87 891,292	4 045 506,448	46,029	45,569	62	62	81 707	44 089,294	675 419,401	15,319	14,859
13	13	99 019	87 004,393	3 957 615,156	45,488	45,028	63	63	80 218	42 857,388	631 330,107	14,731	14,271
14	14	98 999	86 125,695	3 870 610,762	44,941	44,481	64	64	78 670	41 614,264	588 472,719	14,141	13,681
15	15	98 974	85 250,926	3 784 485,067	44,392	43,932	65	65	76 991	40 322,913	546 858,455	13,562	13,102
16	16	98 944	84 381,215	3 699 234,142	43,840	43,380	66	66	75 240	39 015,366	506 535,542	12,983	12,523
17	17	98 903	83 511,208	3 614 852,927	43,286	42,826	67	67	73 362	37 665,130	467 520,176	12,413	11,953
18	18	98 853	82 643,089	3 531 341,719	42,730	42,270	68	68	71 392	36 290,945	429 855,046	11,845	11,385
19	19	98 783	81 766,763	3 448 698,630	42,177	41,717	69	69	69 345	34 901,356	393 564,101	11,276	10,816
20	20	98 714	80 900,916	3 366 931,867	41,618	41,158	70	70	67 172	33 472,760	358 662,745	10,715	10,255
21	21	98 639	80 039,060	3 286 030,952	41,055	40,595	71	71	64 881	32 010,938	325 189,985	10,159	9,699
22	22	98 566	79 187,192	3 205 991,891	40,486	40,026	72	72	62 449	30 505,973	293 179,047	9,611	9,151
23	23	98 491	78 343,920	3 126 804,699	39,911	39,451	73	73	59 876	28 959,719	262 673,074	9,070	8,610
24	24	98 417	77 509,965	3 048 460,779	39,330	38,870	74	74	57 144	27 364,770	233 713,355	8,541	8,081
25	25	98 342	76 684,093	2 970 950,814	38,743	38,283	75	75	54 182	25 689,155	206 348,585	8,033	7,573
26	26	98 266	75 866,440	2 894 266,720	38,149	37,690	76	76	51 034	23 957,244	180 659,430	7,541	7,081
27	27	98 186	75 053,876	2 818 400,280	37,552	37,092	77	77	47 712	22 176,078	156 702,185	7,066	6,606
28	28	98 098	74 243,781	2 743 346,405	36,951	36,491	78	78	44 221	20 349,878	134 526,107	6,611	6,151
29	29	98 014	73 445,945	2 669 102,623	36,341	35,881	79	79	40 542	18 472,158	114 176,230	6,181	5,721
30	30	97 921	72 650,087	2 595 656,679	35,728	35,268	80	80	36 771	16 587,938	95 704,072	5,769	5,310
31	31	97 831	71 864,406	2 523 006,591	35,108	34,648	81	81	32 943	14 713,971	79 116,134	5,377	4,917
32	32	97 732	71 080,617	2 451 142,186	34,484	34,024	82	82	29 089	12 864,144	64 402,163	5,006	4,546
33	33	97 625	70 300,186	2 380 061,569	33,856	33,396	83	83	25 277	11 067,712	51 538,018	4,657	4,197
34	34	97 515	69 525,583	2 309 761,382	33,222	32,762	84	84	21 610	9 368,072	40 470,307	4,320	3,860
35	35	97 396	68 753,394	2 240 235,799	32,584	32,124	85	85	18 078	7 759,673	31 102,234	4,008	3,548
36	36	97 276	67 988,433	2 171 482,405	31,939	31,479	86	86	14 781	6 281,499	23 342,561	3,716	3,256
37	37	97 144	67 224,025	2 103 493,972	31,291	30,831	87	87	11 769	4 952,169	17 061,062	3,445	2,985
38	38	97 000	66 459,797	2 036 269,947	30,639	30,179	88	88	9 075	3 780,846	12 108,893	3,203	2,743
39	39	96 839	65 692,859	1 969 810,150	29,985	29,525	89	89	6 784	2 798,350	8 328,047	2,976	2,516
40	40	96 664	64 924,787	1 904 117,291	29,328	28,868	90	90	4 850	1 980,696	5 529,697	2,792	2,332
41	41	96 472	64 154,163	1 839 192,505	28,668	28,208	91	91	3 378	1 365,801	3 549,001	2,598	2,138
42	42	96 263	63 381,142	1 775 038,341	28,006	27,546	92	92	2 223	889,797	2 183,200	2,454	1,994
43	43	96 030	62 601,860	1 711 657,199	27,342	26,882	93	93	1 412	559,746	1 293,403	2,311	1,851
44	44	95 760	61 808,160	1 649 055,339	26,680	26,220	94	94	857	336,247	733,657	2,182	1,722
45	45	95 463	61 005,857	1 587 247,178	26,018	25,558	95	95	495	192,375	397,410	2,066	1,606
46	46	95 130	60 191,556	1 526 241,321	25,356	24,896	96	96	272	104,548	205,035	1,961	1,501
47	47	94 761	59 364,420	1 466 049,766	24,696	24,236	97	97	141	53,829	100,487	1,867	1,407
48	48	94 333	58 511,154	1 406 685,346	24,041	23,581	98	98	69	26,188	46,658	1,782	1,322
49	49	93 864	57 643,913	1 348 174,191	23,388	22,928	99	99	32	12,007	20,470	1,705	1,245
							100	100	14	5,175	8,462	1,635	1,175

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	1	99 685	99 684,731	5 154 431,447	51,707	51,247	50	51	93 130	56 626,601	1 273 256,874	22,485	22,025
1	2	99 273	98 290,057	5 054 746,716	51,427	50,967	51	52	92 530	55 705,001	1 216 630,274	21,841	21,381
2	3	99 226	97 270,555	4 956 456,659	50,955	50,495	52	53	91 840	54 741,833	1 160 925,272	21,207	20,747
3	4	99 196	96 278,544	4 859 186,104	50,470	50,010	53	54	91 105	53 766,371	1 106 183,439	20,574	20,114
4	5	99 170	95 300,676	4 762 907,560	49,978	49,518	54	55	90 313	52 771,249	1 052 417,068	19,943	19,483
5	6	99 147	94 335,039	4 667 606,884	49,479	49,019	55	56	89 436	51 741,211	999 645,818	19,320	18,860
6	7	99 128	93 382,804	4 573 271,845	48,973	48,513	56	57	88 496	50 690,362	947 904,607	18,700	18,240
7	8	99 109	92 440,519	4 479 889,041	48,462	48,002	57	58	87 500	49 623,524	897 214,245	18,080	17,620
8	9	99 093	91 510,985	4 387 448,522	47,945	47,485	58	59	86 413	48 521,883	847 590,721	17,468	17,008
9	10	99 078	90 591,139	4 295 937,537	47,421	46,961	59	60	85 248	47 394,122	799 068,838	16,860	16,400
10	11	99 063	89 680,788	4 205 346,398	46,892	46,432	60	61	83 980	46 226,586	751 674,715	16,261	15,801
11	12	99 047	88 777,824	4 115 665,611	46,359	45,899	61	62	82 629	45 032,986	705 448,129	15,665	15,205
12	13	99 030	87 884,217	4 026 887,787	45,820	45,360	62	63	81 191	43 811,194	660 415,143	15,074	14,614
13	14	99 010	86 996,600	3 939 003,569	45,278	44,818	63	64	79 678	42 568,621	616 603,949	14,485	14,025
14	15	98 989	86 116,360	3 852 006,970	44,730	44,270	64	65	78 092	41 308,424	574 035,328	13,896	13,436
15	16	98 961	85 240,202	3 765 890,609	44,180	43,720	65	66	76 390	40 007,996	532 726,904	13,316	12,856
16	17	98 928	84 368,231	3 680 650,408	43,626	43,166	66	67	74 596	38 681,618	492 718,908	12,738	12,278
17	18	98 887	83 497,807	3 596 282,177	43,070	42,610	67	68	72 692	37 321,161	454 037,290	12,166	11,706
18	19	98 831	82 624,212	3 512 784,370	42,515	42,055	68	69	70 699	35 938,537	416 716,129	11,595	11,135
19	20	98 763	81 749,875	3 430 160,158	41,959	41,499	69	70	68 609	34 530,651	380 777,592	11,027	10,567
20	21	98 693	80 882,957	3 348 410,283	41,398	40,938	70	71	66 392	33 084,318	346 246,941	10,466	10,006
21	22	98 619	80 022,309	3 267 527,327	40,833	40,373	71	72	64 045	31 598,727	313 162,623	9,911	9,451
22	23	98 543	79 169,428	3 187 505,018	40,262	39,802	72	73	61 545	30 064,316	281 563,896	9,365	8,905
23	24	98 469	78 326,012	3 108 335,589	39,685	39,225	73	74	58 903	28 488,800	251 499,580	8,828	8,368
24	25	98 397	77 494,297	3 030 009,577	39,100	38,640	74	75	56 081	26 855,579	223 010,781	8,304	7,844
25	26	98 321	76 667,225	2 952 515,280	38,511	38,051	75	76	53 019	25 137,919	196 155,202	7,803	7,343
26	27	98 243	75 848,485	2 875 848,055	37,916	37,456	76	77	49 784	23 370,464	171 017,283	7,318	6,858
27	28	98 160	75 033,712	2 799 999,570	37,317	36,857	77	78	46 390	21 561,275	147 646,819	6,848	6,388
28	29	98 073	74 225,007	2 724 965,858	36,712	36,252	78	79	42 803	19 697,293	126 085,544	6,401	5,941
29	30	97 986	73 424,872	2 650 740,851	36,101	35,641	79	80	39 070	17 801,509	106 388,251	5,976	5,516
30	31	97 894	72 629,525	2 577 315,979	35,486	35,026	80	81	35 235	15 895,133	88 586,742	5,573	5,113
31	32	97 801	71 842,701	2 504 686,454	34,863	34,403	81	82	31 375	14 013,728	72 691,609	5,187	4,727
32	33	97 697	71 055,421	2 432 843,753	34,239	33,779	82	83	27 485	12 154,760	58 677,881	4,828	4,368
33	34	97 589	70 274,482	2 361 788,332	33,608	33,148	83	84	23 692	10 373,638	46 523,121	4,485	4,025
34	35	97 474	69 496,051	2 291 513,850	32,973	32,513	84	85	20 047	8 690,614	36 149,483	4,160	3,700
35	36	97 358	68 726,047	2 222 017,800	32,332	31,872	85	86	16 582	7 117,524	27 458,869	3,858	3,398
36	37	97 230	67 956,124	2 153 291,753	31,687	31,227	86	87	13 388	5 689,639	20 341,345	3,575	3,115
37	38	97 092	67 188,148	2 085 335,629	31,037	30,577	87	88	10 495	4 415,891	14 651,706	3,318	2,858
38	39	96 946	66 422,798	2 018 147,480	30,383	29,923	88	89	7 966	3 318,497	10 235,815	3,084	2,624
39	40	96 775	65 649,400	1 951 724,682	29,730	29,270	89	90	5 824	2 402,336	6 917,318	2,879	2,419
40	41	96 596	64 878,935	1 886 075,283	29,071	28,611	90	91	4 099	1 674,093	4 514,982	2,697	2,237
41	42	96 395	64 102,744	1 821 196,348	28,411	27,951	91	92	2 778	1 123,117	2 840,889	2,529	2,069
42	43	96 177	63 324,728	1 757 093,604	27,747	27,287	92	93	1 802	721,425	1 717,773	2,381	1,921
43	44	95 932	62 537,760	1 693 768,876	27,084	26,624	93	94	1 119	443,737	996,348	2,245	1,785
44	45	95 653	61 738,740	1 631 231,116	26,422	25,962	94	95	663	260,295	552,611	2,123	1,663
45	46	95 341	60 928,426	1 569 492,376	25,760	25,300	95	96	374	145,233	292,316	2,013	1,553
46	47	94 996	60 106,739	1 508 563,950	25,098	24,638	96	97	200	76,874	147,084	1,913	1,453
47	48	94 606	59 267,352	1 448 457,210	24,439	23,979	97	98	101	38,500	70,210	1,824	1,364
48	49	94 166	58 407,681	1 389 189,858	23,784	23,324	98	99	48	18,196	31,710	1,743	1,283
49	50	93 671	57 525,302	1 330 782,177	23,134	22,674	99	100	22	8,094	13,514	1,670	1,210

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	2	99 658	99 658,418	5 134 363,500	51,520	51,060	50	52	92 902	56 488,047	1 254 792,325	22,213	21,753
1	3	99 258	98 275,417	5 034 705,082	51,231	50,771	51	53	92 276	55 552,070	1 198 304,278	21,571	21,111
2	4	99 215	97 259,687	4 936 429,665	50,755	50,295	52	54	91 564	54 577,250	1 142 752,208	20,938	20,478
3	5	99 184	96 267,069	4 839 169,978	50,268	49,808	53	55	90 815	53 594,791	1 088 174,958	20,304	19,844
4	6	99 160	95 291,043	4 742 902,909	49,773	49,313	54	56	89 993	52 584,272	1 034 580,167	19,675	19,215
5	7	99 138	94 326,823	4 647 611,865	49,271	48,811	55	57	89 099	51 546,032	981 995,895	19,051	18,591
6	8	99 119	93 374,789	4 553 285,042	48,764	48,304	56	58	88 142	50 487,775	930 449,862	18,429	17,969
7	9	99 101	92 433,711	4 459 910,253	48,250	47,790	57	59	87 113	49 404,570	879 962,087	17,811	17,351
8	10	99 086	91 504,672	4 367 476,542	47,730	47,270	58	60	86 005	48 292,762	830 557,518	17,198	16,738
9	11	99 071	90 584,710	4 275 971,870	47,204	46,744	59	61	84 789	47 138,698	782 264,756	16,595	16,135
10	12	99 055	89 673,616	4 185 387,160	46,674	46,214	60	62	83 497	45 960,936	735 126,057	15,995	15,535
11	13	99 039	88 770,677	4 095 713,544	46,138	45,678	61	63	82 108	44 748,934	689 165,121	15,401	14,941
12	14	99 021	87 876,345	4 006 942,866	45,598	45,138	62	64	80 644	43 516,001	644 416,187	14,809	14,349
13	15	99 000	86 987,170	3 919 066,522	45,053	44,593	63	65	79 092	42 255,766	600 900,187	14,221	13,761
14	16	98 976	86 105,528	3 832 079,351	44,504	44,044	64	66	77 482	40 985,810	558 644,420	13,630	13,170
15	17	98 946	85 227,086	3 745 973,824	43,953	43,493	65	67	75 736	39 665,757	517 658,610	13,051	12,591
16	18	98 913	84 354,692	3 660 746,738	43,397	42,937	66	68	73 915	38 328,366	477 992,853	12,471	12,011
17	19	98 864	83 478,735	3 576 392,046	42,842	42,382	67	69	71 986	36 958,749	439 664,487	11,896	11,436
18	20	98 810	82 607,147	3 492 913,311	42,283	41,823	68	70	69 948	35 556,815	402 705,738	11,326	10,866
19	21	98 741	81 731,727	3 410 306,164	41,726	41,266	69	71	67 813	34 129,932	367 148,923	10,757	10,297
20	22	98 672	80 866,029	3 328 574,437	41,162	40,702	70	72	65 537	32 658,285	333 018,990	10,197	9,737
21	23	98 597	80 004,358	3 247 708,408	40,594	40,134	71	73	63 118	31 141,249	300 360,705	9,645	9,185
22	24	98 521	79 151,332	3 167 704,051	40,021	39,561	72	74	60 544	29 575,434	269 219,456	9,103	8,643
23	25	98 449	78 310,180	3 088 552,719	39,440	38,980	73	75	57 807	27 958,693	239 644,022	8,571	8,111
24	26	98 376	77 477,250	3 010 242,539	38,853	38,393	74	76	54 878	26 279,314	211 685,329	8,055	7,595
25	27	98 297	76 649,080	2 932 765,289	38,262	37,802	75	77	51 721	24 522,221	185 406,015	7,561	7,101
26	28	98 217	75 828,108	2 856 116,209	37,666	37,206	76	78	48 404	22 722,548	160 883,795	7,080	6,620
27	29	98 135	75 014,739	2 780 288,101	37,063	36,603	77	79	44 902	20 869,842	138 161,247	6,620	6,160
28	30	98 045	74 203,711	2 705 273,362	36,457	35,997	78	80	41 249	18 982,164	117 291,404	6,179	5,719
29	31	97 958	73 404,090	2 631 069,652	35,844	35,384	79	81	37 438	17 058,019	98 309,240	5,763	5,303
30	32	97 864	72 607,589	2 557 665,562	35,226	34,766	80	82	33 558	15 138,678	81 251,221	5,367	4,907
31	33	97 767	71 817,235	2 485 057,973	34,603	34,143	81	83	29 645	13 240,951	66 112,543	4,993	4,533
32	34	97 661	71 029,440	2 413 240,738	33,975	33,515	82	84	25 762	11 392,516	52 871,592	4,641	4,181
33	35	97 548	70 244,631	2 342 211,297	33,344	32,884	83	85	21 979	9 623,461	41 479,077	4,310	3,850
34	36	97 435	69 468,408	2 271 966,666	32,705	32,245	84	86	18 388	7 971,425	31 855,616	3,996	3,536
35	37	97 311	68 693,387	2 202 498,258	32,063	31,603	85	87	15 020	6 446,892	23 884,191	3,705	3,245
36	38	97 178	67 919,857	2 133 804,871	31,417	30,957	86	88	11 938	5 073,499	17 437,299	3,437	2,977
37	39	97 038	67 150,744	2 065 885,014	30,765	30,305	87	89	9 211	3 875,884	12 363,800	3,190	2,730
38	40	96 882	66 378,856	1 998 734,270	30,111	29,651	88	90	6 838	2 848,874	8 487,916	2,979	2,519
39	41	96 707	65 603,036	1 932 355,414	29,455	28,995	89	91	4 923	2 030,465	5 639,042	2,777	2,317
40	42	96 518	64 826,935	1 866 752,378	28,796	28,336	90	92	3 371	1 376,629	3 608,577	2,621	2,161
41	43	96 309	64 045,687	1 801 925,443	28,135	27,675	91	93	2 252	910,594	2 231,948	2,451	1,991
42	44	96 078	63 259,887	1 737 879,756	27,472	27,012	92	94	1 429	571,907	1 321,354	2,310	1,850
43	45	95 824	62 467,520	1 674 619,869	26,808	26,348	93	95	867	343,505	749,447	2,182	1,722
44	46	95 532	61 660,379	1 612 152,349	26,146	25,686	94	96	501	196,508	405,942	2,066	1,606
45	47	95 207	60 842,571	1 550 491,969	25,484	25,024	95	97	275	106,789	209,434	1,961	1,501
46	48	94 841	60 008,458	1 489 649,398	24,824	24,364	96	98	143	54,982	102,645	1,867	1,407
47	49	94 439	59 162,542	1 429 640,940	24,165	23,705	97	99	70	26,750	47,663	1,782	1,322
48	50	93 973	58 287,499	1 370 478,398	23,512	23,052	98	100	33	12,266	20,912	1,705	1,245
49	51	93 465	57 398,574	1 312 190,899	22,861	22,401							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	3	99 644	99 643,575	5 112 951,771	51,312	50,852	50	53	92 647	56 332,967	1 235 116,265	21,925	21,465
1	4	99 247	98 264,437	5 013 308,197	51,019	50,559	51	54	91 999	55 385,051	1 178 783,298	21,283	20,823
2	5	99 203	97 248,095	4 915 043,760	50,541	50,081	52	55	91 271	54 403,082	1 123 398,248	20,650	20,190
3	6	99 174	96 257,339	4 817 795,664	50,051	49,591	53	56	90 493	53 404,896	1 068 995,166	20,017	19,557
4	7	99 152	95 282,745	4 721 538,325	49,553	49,093	54	57	89 654	52 385,913	1 015 590,270	19,387	18,927
5	8	99 130	94 318,727	4 626 255,581	49,049	48,589	55	58	88 742	51 340,025	963 204,357	18,761	18,301
6	9	99 112	93 367,913	4 531 936,853	48,538	48,079	56	59	87 753	50 265,007	911 864,331	18,141	17,681
7	10	99 095	92 427,334	4 438 568,941	48,022	47,562	57	60	86 702	49 171,280	861 599,324	17,522	17,062
8	11	99 079	91 498,178	4 346 141,606	47,500	47,040	58	61	85 541	48 032,495	812 428,044	16,914	16,454
9	12	99 063	90 577,466	4 254 643,428	46,972	46,512	59	62	84 302	46 867,806	764 395,549	16,310	15,850
10	13	99 047	89 666,398	4 164 065,962	46,440	45,980	60	63	82 970	45 671,031	717 527,743	15,711	15,251
11	14	99 030	88 762,726	4 074 399,565	45,902	45,442	61	64	81 555	44 447,422	671 856,712	15,116	14,656
12	15	99 011	87 866,820	3 985 636,839	45,360	44,900	62	65	80 052	43 196,184	627 409,290	14,525	14,065
13	16	98 987	86 976,228	3 897 770,019	44,814	44,354	63	66	78 474	41 925,754	584 213,106	13,934	13,474
14	17	98 961	86 092,278	3 810 793,791	44,264	43,804	64	67	76 819	40 635,207	542 287,352	13,345	12,885
15	18	98 930	85 213,409	3 724 701,512	43,710	43,250	65	68	75 045	39 303,518	501 652,145	12,764	12,304
16	19	98 890	84 335,424	3 639 488,103	43,155	42,695	66	69	73 197	37 956,173	462 348,628	12,181	11,721
17	20	98 844	83 461,494	3 555 152,679	42,596	42,136	67	70	71 222	36 566,191	424 392,454	11,606	11,146
18	21	98 788	82 588,809	3 471 691,185	42,036	41,576	68	71	69 136	35 144,188	387 826,264	11,035	10,575
19	22	98 720	81 714,622	3 389 102,376	41,475	41,015	69	72	66 939	33 690,435	352 682,075	10,468	10,008
20	23	98 650	80 847,888	3 307 387,755	40,909	40,449	70	73	64 589	32 185,467	318 991,640	9,911	9,451
21	24	98 574	79 986,070	3 226 539,867	40,339	39,879	71	74	62 092	30 634,855	286 806,173	9,362	8,902
22	25	98 501	79 135,332	3 146 553,797	39,762	39,302	72	75	59 417	29 025,108	256 171,318	8,826	8,366
23	26	98 427	78 292,953	3 067 418,465	39,179	38,719	73	76	56 566	27 358,757	227 146,210	8,303	7,843
24	27	98 352	77 458,914	2 989 125,511	38,590	38,130	74	77	53 534	25 635,659	199 787,452	7,793	7,333
25	28	98 271	76 628,488	2 911 666,598	37,997	37,537	75	78	50 287	23 842,374	174 151,793	7,304	6,844
26	29	98 192	75 808,934	2 835 038,109	37,397	36,937	76	79	46 852	21 993,876	150 309,419	6,834	6,374
27	30	98 107	74 993,215	2 759 229,176	36,793	36,333	77	80	43 272	20 112,143	128 315,544	6,380	5,920
28	31	98 017	74 182,709	2 684 235,961	36,184	35,724	78	81	39 526	18 189,363	108 203,400	5,949	5,489
29	32	97 928	73 381,920	2 610 053,252	35,568	35,108	79	82	35 657	16 246,222	90 014,037	5,541	5,081
30	33	97 829	72 581,852	2 536 671,332	34,949	34,489	80	83	31 708	14 303,866	73 767,816	5,157	4,697
31	34	97 731	71 790,976	2 464 089,480	34,323	33,863	81	84	27 786	12 410,590	59 463,949	4,791	4,331
32	35	97 620	70 999,269	2 392 298,504	33,695	33,235	82	85	23 899	10 568,658	47 053,360	4,452	3,992
33	36	97 509	70 216,691	2 321 299,235	33,059	32,599	83	86	20 160	8 827,075	36 484,702	4,133	3,673
34	37	97 388	69 435,396	2 251 082,545	32,420	31,960	84	87	16 655	7 220,336	27 657,627	3,831	3,371
35	38	97 259	68 656,727	2 181 647,149	31,776	31,316	85	88	13 393	5 748,748	20 437,291	3,555	3,095
36	39	97 124	67 882,045	2 112 990,422	31,127	30,667	86	89	10 478	4 453,075	14 688,543	3,299	2,839
37	40	96 974	67 106,320	2 045 108,377	30,476	30,016	87	90	7 908	3 327,381	10 235,468	3,076	2,616
38	41	96 813	66 331,977	1 978 002,057	29,820	29,360	88	91	5 780	2 407,881	6 908,087	2,869	2,409
39	42	96 629	65 550,456	1 911 670,079	29,163	28,703	89	92	4 048	1 669,679	4 500,207	2,695	2,235
40	43	96 433	64 769,233	1 846 119,623	28,503	28,043	90	93	2 733	1 116,135	2 830,528	2,536	2,076
41	44	96 210	63 980,108	1 781 350,390	27,842	27,382	91	94	1 785	721,871	1 714,393	2,375	1,915
42	45	95 971	63 188,836	1 717 370,282	27,178	26,718	92	95	1 106	442,723	992,522	2,242	1,782
43	46	95 702	62 388,234	1 654 181,445	26,514	26,054	93	96	654	259,327	549,798	2,120	1,660
44	47	95 397	61 573,493	1 591 793,211	25,852	25,392	94	97	368	144,492	290,471	2,010	1,550
45	48	95 051	60 743,087	1 530 219,718	25,192	24,732	95	98	197	76,378	145,979	1,911	1,451
46	49	94 673	59 902,337	1 469 476,631	24,531	24,071	96	99	99	38,202	69,601	1,822	1,362
47	50	94 245	59 040,806	1 409 574,294	23,875	23,415	97	100	47	18,032	31,399	1,741	1,281
48	51	93 766	58 159,092	1 350 533,488	23,221	22,761							
49	52	93 236	57 258,132	1 292 374,396	22,571	22,111							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß 1,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	4	99 632	99 632,441	5 090 156,573	51,089	50,629	50	54	92 368	56 163,599	1 214 218,898	21,619	21,159
1	5	99 235	98 252,726	4 990 524,132	50,793	50,333	51	55	91 705	55 208,305	1 158 055,299	20,976	20,516
2	6	99 193	97 238,266	4 892 271,406	50,312	49,852	52	56	90 948	54 210,323	1 102 846,994	20,344	19,884
3	7	99 165	96 248,956	4 795 033,140	49,819	49,359	53	57	90 151	53 203,441	1 048 636,671	19,710	19,250
4	8	99 143	95 274,567	4 698 784,184	49,318	48,858	54	58	89 295	52 176,550	995 433,230	19,078	18,618
5	9	99 123	94 311,781	4 603 509,617	48,812	48,352	55	59	88 351	51 113,497	943 256,680	18,454	17,994
6	10	99 105	93 361,472	4 509 197,836	48,298	47,838	56	60	87 339	50 027,655	892 143,183	17,833	17,373
7	11	99 088	92 420,775	4 415 836,364	47,780	47,320	57	61	86 235	48 906,279	842 115,528	17,219	16,759
8	12	99 071	91 490,861	4 323 415,589	47,255	46,795	58	62	85 050	47 756,467	793 209,249	16,609	16,149
9	13	99 055	90 570,174	4 231 924,728	46,725	46,265	59	63	83 770	46 572,181	745 452,783	16,006	15,546
10	14	99 039	89 658,366	4 141 354,553	46,190	45,730	60	64	82 411	45 363,306	698 880,602	15,406	14,946
11	15	99 019	88 753,105	4 051 696,188	45,651	45,191	61	65	80 956	44 120,760	653 517,297	14,812	14,352
12	16	98 998	87 855,767	3 962 943,083	45,107	44,647	62	66	79 427	42 858,827	609 396,537	14,219	13,759
13	17	98 972	86 962,845	3 875 087,315	44,560	44,100	63	67	77 803	41 567,110	566 537,710	13,629	13,169
14	18	98 945	86 078,463	3 788 124,470	44,008	43,548	64	68	76 118	40 264,114	524 970,600	13,038	12,578
15	19	98 908	85 193,945	3 702 046,007	43,454	42,994	65	69	74 316	38 921,856	484 706,486	12,453	11,993
16	20	98 869	84 318,006	3 616 852,062	42,895	42,435	66	70	72 420	37 553,021	445 784,630	11,871	11,411
17	21	98 822	83 442,966	3 532 534,056	42,335	41,875	67	71	70 395	36 141,850	408 231,609	11,295	10,835
18	22	98 768	82 571,524	3 449 091,090	41,771	41,311	68	72	68 246	34 691,630	372 089,759	10,726	10,266
19	23	98 698	81 696,290	3 366 519,567	41,208	40,748	69	73	65 970	33 202,674	337 398,129	10,162	9,702
20	24	98 627	80 829,408	3 284 823,276	40,639	40,179	70	74	63 538	31 662,093	304 195,455	9,608	9,148
21	25	98 554	79 969,902	3 203 993,869	40,065	39,605	71	75	60 936	30 064,816	272 533,361	9,065	8,605
22	26	98 479	79 117,924	3 124 023,967	39,486	39,026	72	76	58 142	28 402,289	242 468,546	8,537	8,077
23	27	98 404	78 274,424	3 044 906,042	38,900	38,440	73	77	55 181	26 688,664	214 066,256	8,021	7,561
24	28	98 326	77 438,105	2 966 631,619	38,310	37,850	74	78	52 049	24 924,944	187 377,592	7,518	7,058
25	29	98 246	76 609,111	2 889 193,514	37,713	37,253	75	79	48 674	23 077,790	162 452,648	7,039	6,579
26	30	98 164	75 787,182	2 812 584,403	37,112	36,652	76	80	45 151	21 195,368	139 374,858	6,576	6,116
27	31	98 079	74 971,990	2 736 797,221	36,504	36,044	77	81	41 464	19 272,148	118 179,490	6,132	5,672
28	32	97 987	74 160,304	2 661 825,231	35,893	35,433	78	82	37 645	17 323,725	98 907,342	5,709	5,249
29	33	97 894	73 355,908	2 587 664,927	35,275	34,816	79	83	33 690	15 350,335	81 583,617	5,315	4,855
30	34	97 794	72 555,313	2 514 309,019	34,654	34,194	80	84	29 719	13 406,848	66 233,282	4,940	4,480
31	35	97 690	71 760,481	2 441 753,706	34,026	33,566	81	85	25 776	11 513,109	52 826,434	4,588	4,128
32	36	97 581	70 971,029	2 369 993,225	33,394	32,934	82	86	21 921	9 694,052	41 313,325	4,262	3,802
33	37	97 463	70 183,323	2 299 022,196	32,757	32,297	83	87	18 260	7 995,364	31 619,273	3,955	3,495
34	38	97 337	69 398,339	2 228 838,873	32,117	31,657	84	88	14 852	6 438,434	23 623,908	3,669	3,209
35	39	97 205	68 618,505	2 159 440,534	31,470	31,010	85	89	11 756	5 045,750	17 185,474	3,406	2,946
36	40	97 059	67 837,138	2 090 822,029	30,821	30,361	86	90	8 996	3 822,889	12 139,724	3,176	2,716
37	41	96 905	67 058,928	2 022 984,892	30,167	29,707	87	91	6 684	2 812,317	8 316,835	2,957	2,497
38	42	96 736	66 278,813	1 955 925,964	29,511	29,051	88	92	4 753	1 980,033	5 504,518	2,780	2,320
39	43	96 543	65 492,110	1 889 647,151	28,853	28,393	89	93	3 282	1 353,732	3 524,485	2,604	2,144
40	44	96 334	64 702,914	1 824 155,041	28,193	27,733	90	94	2 167	884,813	2 170,753	2,453	1,993
41	45	96 102	63 908,249	1 759 452,127	27,531	27,071	91	95	1 382	558,813	1 285,940	2,301	1,841
42	46	95 849	63 108,635	1 695 543,879	26,867	26,407	92	96	835	334,232	727,127	2,176	1,716
43	47	95 567	62 300,323	1 632 435,244	26,203	25,743	93	97	481	190,682	392,895	2,060	1,600
44	48	95 241	61 472,813	1 570 134,921	25,542	25,082	94	98	263	103,345	202,212	1,957	1,497
45	49	94 883	60 635,667	1 508 662,108	24,881	24,421	95	99	137	53,068	98,868	1,863	1,403
46	50	94 478	59 779,079	1 448 026,441	24,223	23,763	96	100	67	25,752	45,799	1,778	1,319
47	51	94 037	58 910,739	1 388 247,362	23,565	23,105							
48	52	93 536	58 016,788	1 329 336,623	22,913	22,453							
49	53	92 980	57 100,937	1 271 319,835	22,264	21,804							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	5	99 621	99 620,567	5 065 953,252	50,852	50,393
1	6	99 225	98 242,795	4 966 332,685	50,552	50,092
2	7	99 184	97 229,797	4 868 089,890	50,068	49,608
3	8	99 157	96 240,695	4 770 860,093	49,572	49,112
4	9	99 136	95 267,550	4 674 619,397	49,068	48,608
5	10	99 116	94 305,275	4 579 351,847	48,559	48,099
6	11	99 098	93 354,846	4 485 046,572	48,043	47,583
7	12	99 080	92 413,384	4 391 691,726	47,522	47,062
8	13	99 064	91 483,496	4 299 278,341	46,995	46,535
9	14	99 046	90 562,061	4 207 794,845	46,463	46,003
10	15	99 028	89 648,648	4 117 232,784	45,926	45,466
11	16	99 007	88 741,941	4 027 584,136	45,385	44,925
12	17	98 983	87 842,249	3 938 842,195	44,840	44,380
13	18	98 956	86 948,890	3 850 999,947	44,290	43,830
14	19	98 922	86 058,802	3 764 051,057	43,738	43,278
15	20	98 887	85 176,349	3 677 992,255	43,181	42,721
16	21	98 848	84 299,288	3 592 815,906	42,620	42,160
17	22	98 801	83 425,502	3 508 516,618	42,056	41,596
18	23	98 746	82 553,001	3 425 091,115	41,490	41,030
19	24	98 675	81 677,616	3 342 538,115	40,924	40,464
20	25	98 607	80 813,069	3 260 860,499	40,351	39,891
21	26	98 533	79 952,310	3 180 047,430	39,774	39,314
22	27	98 456	79 099,200	3 100 095,119	39,192	38,733
23	28	98 377	78 253,395	3 020 995,920	38,605	38,145
24	29	98 301	77 418,523	2 942 742,524	38,011	37,551
25	30	98 218	76 587,130	2 865 324,002	37,413	36,953
26	31	98 136	75 765,732	2 788 736,871	36,807	36,347
27	32	98 049	74 949,346	2 712 971,139	36,197	35,737
28	33	97 953	74 134,016	2 638 021,793	35,584	35,125
29	34	97 858	73 329,087	2 563 887,777	34,964	34,504
30	35	97 752	72 524,493	2 490 558,690	34,341	33,881
31	36	97 651	71 731,938	2 418 034,197	33,709	33,249
32	37	97 535	70 937,302	2 346 302,259	33,076	32,616
33	38	97 411	70 145,867	2 275 364,957	32,438	31,978
34	39	97 282	69 359,704	2 205 219,090	31,794	31,334
35	40	97 141	68 573,110	2 135 859,385	31,147	30,687
36	41	96 991	67 789,229	2 067 286,275	30,496	30,036
37	42	96 828	67 005,181	1 999 497,046	29,841	29,381
38	43	96 650	66 219,819	1 932 491,865	29,183	28,723
39	44	96 445	65 425,050	1 866 272,047	28,525	28,065
40	45	96 226	64 630,242	1 800 846,996	27,864	27,404
41	46	95 980	63 827,134	1 736 216,754	27,202	26,742
42	47	95 714	63 019,708	1 672 389,620	26,538	26,078
43	48	95 411	62 198,454	1 609 369,912	25,875	25,415
44	49	95 072	61 364,103	1 547 171,458	25,213	24,753
45	50	94 688	60 510,900	1 485 807,355	24,554	24,094
46	51	94 270	59 647,386	1 425 296,455	23,895	23,435
47	52	93 807	58 766,597	1 365 649,069	23,239	22,779
48	53	93 279	57 857,511	1 306 882,472	22,588	22,128
49	54	92 701	56 929,260	1 249 024,962	21,940	21,480

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
50	55	92 074	55 984,369	1 192 095,701	21,293	20,833
51	56	91 380	55 012,693	1 136 111,333	20,652	20,192
52	57	90 605	54 005,830	1 081 098,640	20,018	19,558
53	58	89 791	52 990,810	1 027 092,810	19,382	18,922
54	59	88 901	51 946,331	974 101,999	18,752	18,292
55	60	87 934	50 872,138	922 155,669	18,127	17,667
56	61	86 868	49 758,038	871 283,531	17,510	17,050
57	62	85 739	48 625,229	821 525,492	16,895	16,435
58	63	84 513	47 455,236	772 900,264	16,287	15,827
59	64	83 205	46 258,384	725 445,028	15,682	15,222
60	65	81 806	45 029,912	679 186,644	15,083	14,623
61	66	80 323	43 776,182	634 156,732	14,486	14,026
62	67	78 747	42 492,201	590 380,550	13,894	13,434
63	68	77 092	41 187,507	547 888,349	13,302	12,842
64	69	75 379	39 873,124	506 700,842	12,708	12,248
65	70	73 527	38 508,447	466 827,718	12,123	11,663
66	71	71 579	37 117,229	428 319,271	11,540	11,080
67	72	69 489	35 676,445	391 202,043	10,965	10,505
68	73	67 258	34 189,374	355 525,598	10,399	9,939
69	74	64 897	32 662,759	321 336,224	9,838	9,378
70	75	62 356	31 072,939	288 673,465	9,290	8,830
71	76	59 629	29 419,687	257 600,526	8,756	8,296
72	77	56 718	27 706,637	228 180,838	8,236	7,776
73	78	53 651	25 948,756	200 474,201	7,726	7,266
74	79	50 380	24 125,644	174 525,446	7,234	6,774
75	80	46 907	22 239,930	150 399,801	6,763	6,303
76	81	43 265	20 310,131	128 159,871	6,310	5,850
77	82	39 491	18 354,980	107 849,740	5,876	5,416
78	83	35 569	16 368,420	89 494,761	5,468	5,008
79	84	31 578	14 387,691	73 126,341	5,083	4,623
80	85	27 570	12 437,323	58 738,650	4,723	4,263
81	86	23 643	10 560,346	46 301,327	4,384	3,924
82	87	19 855	8 780,653	35 740,981	4,070	3,610
83	88	16 283	7 129,534	26 960,328	3,781	3,322
84	89	13 036	5 651,096	19 830,795	3,509	3,049
85	90	10 092	4 331,691	14 179,698	3,273	2,813
86	91	7 603	3 231,123	9 848,008	3,048	2,588
87	92	5 496	2 312,606	6 616,885	2,861	2,401
88	93	3 853	1 605,359	4 304,279	2,681	2,221
89	94	2 602	1 073,168	2 698,919	2,515	2,055
90	95	1 677	684,949	1 625,752	2,374	1,914
91	96	1 043	421,873	940,803	2,230	1,770
92	97	614	245,759	518,929	2,112	1,652
93	98	344	136,381	273,170	2,003	1,543
94	99	183	71,805	136,788	1,905	1,445
95	100	92	35,773	64,984	1,817	1,357

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	6	99 610	99 610,498	5 040 329,079	50,600	50,140	50	56	91 747	55 786,007	1 168 745,310	20,951	20,491
1	7	99 217	98 234,239	4 940 718,581	50,295	49,835	51	57	91 036	54 805,173	1 112 959,304	20,308	19,848
2	8	99 176	97 221,453	4 842 484,342	49,809	49,349	52	58	90 243	53 789,992	1 058 154,130	19,672	19,212
3	9	99 150	96 233,608	4 745 262,890	49,310	48,850	53	59	89 395	52 756,999	1 004 364,138	19,038	18,578
4	10	99 129	95 260,978	4 649 029,282	48,803	48,343	54	60	88 482	51 701,039	951 607,139	18,406	17,946
5	11	99 109	94 298,582	4 553 768,304	48,291	47,831	55	61	87 460	50 597,970	899 906,100	17,785	17,325
6	12	99 090	93 347,381	4 459 469,721	47,773	47,313	56	62	86 369	49 472,093	849 308,130	17,167	16,707
7	13	99 072	92 405,945	4 366 122,341	47,249	46,789	57	63	85 198	48 318,518	799 836,037	16,553	16,093
8	14	99 055	91 475,302	4 273 716,396	46,720	46,260	58	64	83 944	47 135,489	751 517,519	15,944	15,484
9	15	99 036	90 552,246	4 182 241,094	46,186	45,726	59	65	82 594	45 918,412	704 382,030	15,340	14,880
10	16	99 015	89 637,371	4 091 688,848	45,647	45,187	60	66	81 167	44 678,234	658 463,618	14,738	14,278
11	17	98 991	88 728,286	4 002 051,478	45,105	44,645	61	67	79 636	43 401,709	613 785,384	14,142	13,682
12	18	98 967	87 828,153	3 913 323,192	44,557	44,097	62	68	78 028	42 104,150	570 383,675	13,547	13,087
13	19	98 933	86 929,030	3 825 495,039	44,007	43,547	63	69	76 344	40 787,550	528 279,525	12,952	12,492
14	20	98 902	86 041,027	3 738 566,010	43,451	42,991	64	70	74 578	39 449,611	487 491,975	12,357	11,897
15	21	98 865	85 157,441	3 652 524,983	42,891	42,431	65	71	72 673	38 061,567	448 042,364	11,772	11,312
16	22	98 827	84 281,645	3 567 367,541	42,327	41,867	66	72	70 657	36 639,263	409 980,797	11,190	10,730
17	23	98 779	83 406,787	3 483 085,897	41,760	41,300	67	73	68 483	35 159,931	373 341,534	10,618	10,158
18	24	98 723	82 534,130	3 399 679,109	41,191	40,731	68	74	66 164	33 633,414	338 181,603	10,055	9,595
19	25	98 656	81 661,106	3 317 144,979	40,621	40,161	69	75	63 690	32 054,985	304 548,189	9,501	9,041
20	26	98 586	80 795,292	3 235 483,872	40,045	39,585	70	76	61 018	30 406,179	272 493,204	8,962	8,502
21	27	98 509	79 933,388	3 154 688,581	39,466	39,006	71	77	58 168	28 699,116	242 087,026	8,435	7,975
22	28	98 430	79 077,950	3 074 755,192	38,883	38,423	72	78	55 146	26 938,506	213 387,909	7,921	7,461
23	29	98 352	78 233,607	2 995 677,243	38,291	37,831	73	79	51 930	25 116,624	186 449,403	7,423	6,963
24	30	98 273	77 396,310	2 917 443,635	37,695	37,235	74	80	48 551	23 244,740	161 332,778	6,939	6,479
25	31	98 190	76 565,454	2 840 047,326	37,093	36,633	75	81	44 948	21 311,066	138 083,038	6,479	6,019
26	32	98 106	75 742,849	2 763 481,872	36,485	36,025	76	82	41 206	19 343,565	116 771,972	6,037	5,577
27	33	98 015	74 922,779	2 687 739,023	35,873	35,413	77	83	37 313	17 342,807	97 428,407	5,618	5,158
28	34	97 917	74 106,910	2 612 816,244	35,257	34,797	78	84	33 339	15 341,931	80 085,600	5,220	4,760
29	35	97 816	73 297,938	2 538 709,334	34,635	34,176	79	85	29 294	13 347,235	64 743,669	4,851	4,391
30	36	97 713	72 495,646	2 465 411,396	34,008	33,548	80	86	25 288	11 408,076	51 396,434	4,505	4,045
31	37	97 604	71 697,850	2 392 915,749	33,375	32,915	81	87	21 416	9 565,322	39 988,358	4,181	3,721
32	38	97 483	70 899,444	2 321 217,899	32,740	32,280	82	88	17 705	7 829,782	30 423,036	3,886	3,426
33	39	97 357	70 106,816	2 250 318,455	32,098	31,638	83	89	14 292	6 257,683	22 593,254	3,610	3,151
34	40	97 218	69 313,819	2 180 211,640	31,454	30,994	84	90	11 191	4 851,370	16 335,571	3,367	2,907
35	41	97 072	68 524,682	2 110 897,820	30,805	30,345	85	91	8 530	3 661,164	11 484,201	3,137	2,677
36	42	96 913	67 734,897	2 042 373,138	30,152	29,692	86	92	6 252	2 656,996	7 823,037	2,944	2,484
37	43	96 741	66 945,540	1 974 638,242	29,496	29,036	87	93	4 456	1 875,001	5 166,041	2,755	2,295
38	44	96 551	66 152,014	1 907 692,701	28,838	28,378	88	94	3 055	1 272,644	3 291,040	2,586	2,126
39	45	96 336	65 351,568	1 841 540,688	28,179	27,719	89	95	2 014	830,758	2 018,395	2,430	1,970
40	46	96 103	64 548,211	1 776 189,120	27,517	27,057	90	96	1 266	517,100	1 187,638	2,297	1,837
41	47	95 845	63 737,195	1 711 640,909	26,855	26,395	91	97	767	310,202	670,538	2,162	1,702
42	48	95 557	62 916,663	1 647 903,714	26,192	25,732	92	98	439	175,774	360,336	2,050	1,590
43	49	95 242	62 088,461	1 584 987,051	25,528	25,068	93	99	239	94,759	184,562	1,948	1,488
44	50	94 877	61 237,837	1 522 898,590	24,869	24,409	94	100	123	48,403	89,803	1,855	1,395
45	51	94 480	60 377,594	1 461 660,753	24,209	23,749							
46	52	94 040	59 501,441	1 401 283,159	23,550	23,090							
47	53	93 549	58 605,261	1 341 781,718	22,895	22,435							
48	54	92 999	57 683,560	1 283 176,457	22,245	21,785							
49	55	92 405	56 747,587	1 225 492,897	21,596	21,136							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	7	99 602	99 601,823	5 013 275,998	50,333	49,873	50	57	91 401	55 575,570	1 144 183,119	20,588	20,128
1	8	99 208	98 225,808	4 913 674,175	50,024	49,564	51	58	90 672	54 586,141	1 088 607,549	19,943	19,483
2	9	99 168	97 214,293	4 815 448,367	49,534	49,074	52	59	89 845	53 552,654	1 034 021,408	19,308	18,849
3	10	99 143	96 226,969	4 718 234,074	49,032	48,572	53	60	88 973	52 507,879	980 468,754	18,673	18,213
4	11	99 122	95 254,218	4 622 007,105	48,523	48,063	54	61	88 005	51 422,404	927 960,875	18,046	17,586
5	12	99 101	94 291,042	4 526 752,887	48,008	47,548	55	62	86 957	50 307,199	876 538,471	17,424	16,964
6	13	99 082	93 339,866	4 432 461,846	47,487	47,027	56	63	85 824	49 160,041	826 231,273	16,807	16,347
7	14	99 063	92 397,668	4 339 121,980	46,961	46,501	57	64	84 624	47 992,954	777 071,232	16,191	15,731
8	15	99 044	91 465,387	4 246 724,312	46,430	45,970	58	65	83 327	46 789,071	729 078,277	15,582	15,122
9	16	99 023	90 540,855	4 155 258,925	45,894	45,434	59	66	81 949	45 559,795	682 289,206	14,976	14,516
10	17	99 000	89 623,578	4 064 718,070	45,353	44,893	60	67	80 472	44 296,045	636 729,411	14,374	13,914
11	18	98 975	88 714,047	3 975 094,492	44,808	44,348	61	68	78 909	43 005,352	592 433,367	13,776	13,316
12	19	98 944	87 808,092	3 886 380,445	44,260	43,800	62	69	77 270	41 695,292	549 428,015	13,177	12,717
13	20	98 913	86 911,075	3 798 572,353	43,706	43,246	63	70	75 533	40 354,325	507 732,723	12,582	12,122
14	21	98 880	86 021,927	3 711 661,278	43,148	42,688	64	71	73 713	38 991,809	467 378,399	11,987	11,527
15	22	98 844	85 139,619	3 625 639,351	42,585	42,125	65	72	71 738	37 571,441	428 386,589	11,402	10,942
16	23	98 805	84 262,738	3 540 499,732	42,017	41,557	66	73	69 634	36 108,810	390 815,149	10,823	10,363
17	24	98 756	83 387,722	3 456 236,994	41,448	40,988	67	74	67 369	34 588,188	354 706,339	10,255	9,795
18	25	98 703	82 517,447	3 372 849,272	40,874	40,414	68	75	64 933	33 007,579	320 118,150	9,698	9,238
19	26	98 634	81 643,142	3 290 331,825	40,301	39,841	69	76	62 323	31 367,151	287 110,571	9,153	8,693
20	27	98 562	80 776,170	3 208 688,682	39,723	39,263	70	77	59 524	29 661,446	255 743,420	8,622	8,162
21	28	98 483	79 911,914	3 127 912,512	39,142	38,682	71	78	56 556	27 903,470	226 081,974	8,102	7,642
22	29	98 405	79 057,953	3 048 000,598	38,554	38,094	72	79	53 377	26 074,635	198 178,504	7,600	7,140
23	30	98 324	78 211,161	2 968 942,645	37,961	37,501	73	80	50 045	24 204,742	172 103,868	7,110	6,650
24	31	98 245	77 374,404	2 890 731,484	37,360	36,900	74	81	46 523	22 278,702	147 899,126	6,639	6,179
25	32	98 160	76 542,329	2 813 357,080	36,756	36,296	75	82	42 809	20 296,865	125 620,425	6,189	5,729
26	33	98 072	75 716,000	2 736 814,751	36,146	35,686	76	83	38 934	18 276,877	105 323,560	5,763	5,303
27	34	97 979	74 895,385	2 661 098,751	35,531	35,071	77	84	34 973	16 255,212	87 046,682	5,355	4,895
28	35	97 875	74 075,431	2 586 203,366	34,913	34,453	78	85	30 928	14 232,468	70 791,470	4,974	4,514
29	36	97 777	73 268,784	2 512 127,935	34,286	33,826	79	86	26 870	12 242,689	56 559,002	4,620	4,160
30	37	97 667	72 461,196	2 438 859,151	33,657	33,197	80	87	22 906	10 333,177	44 316,313	4,289	3,829
31	38	97 552	71 659,586	2 366 397,956	33,023	32,563	81	88	19 096	8 529,478	33 983,136	3,984	3,524
32	39	97 428	70 859,973	2 294 738,370	32,384	31,924	82	89	15 540	6 872,300	25 453,658	3,704	3,244
33	40	97 292	70 060,437	2 223 878,397	31,742	31,282	83	90	12 269	5 372,115	18 581,358	3,459	2,999
34	41	97 149	69 264,868	2 153 817,960	31,095	30,635	84	91	9 458	4 100,400	13 209,243	3,221	2,761
35	42	96 994	68 469,760	2 084 553,092	30,445	29,985	85	92	7 014	3 010,625	9 108,844	3,026	2,566
36	43	96 827	67 674,607	2 016 083,332	29,791	29,331	86	93	5 069	2 154,223	6 098,219	2,831	2,371
37	44	96 642	66 876,992	1 948 408,726	29,134	28,674	87	94	3 533	1 486,402	3 943,995	2,653	2,193
38	45	96 442	66 077,715	1 881 531,734	28,475	28,015	88	95	2 365	985,176	2 457,593	2,495	2,035
39	46	96 214	65 268,622	1 815 454,019	27,815	27,355	89	96	1 521	627,177	1 472,417	2,348	1,888
40	47	95 968	64 457,256	1 750 185,397	27,153	26,693	90	97	931	380,221	845,240	2,223	1,763
41	48	95 688	63 632,977	1 685 728,141	26,491	26,031	91	98	549	221,865	465,019	2,096	1,636
42	49	95 388	62 805,400	1 622 095,165	25,827	25,367	92	99	305	122,129	243,154	1,991	1,531
43	50	95 046	61 960,704	1 559 289,765	25,166	24,706	93	100	161	63,877	121,025	1,895	1,435
44	51	94 668	61 102,930	1 497 329,061	24,505	24,045							
45	52	94 248	60 229,863	1 436 226,130	23,846	23,386							
46	53	93 781	59 338,087	1 375 996,268	23,189	22,729							
47	54	93 268	58 429,062	1 316 658,180	22,534	22,074							
48	55	92 702	57 499,479	1 258 229,118	21,882	21,422							
49	56	92 077	56 546,520	1 200 729,640	21,234	20,774							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	8	99 593	99 593,274	4 984 793,169	50,052	49,592	50	58	91 036	55 353,459	1 118 424,448	20,205	19,745
1	9	99 201	98 218,574	4 885 199,894	49,738	49,278	51	59	90 272	54 345,290	1 063 070,989	19,561	19,101
2	10	99 161	97 207,586	4 786 981,320	49,245	48,785	52	60	89 420	53 299,777	1 008 725,699	18,926	18,466
3	11	99 136	96 220,140	4 689 773,734	48,740	48,280	53	61	88 493	52 224,895	955 425,921	18,294	17,834
4	12	99 114	95 246,600	4 593 553,594	48,228	47,768	54	62	87 499	51 126,894	903 201,026	17,666	17,206
5	13	99 093	94 283,451	4 498 306,994	47,710	47,250	55	63	86 409	49 989,879	852 074,132	17,045	16,585
6	14	99 073	93 331,505	4 404 023,543	47,187	46,727	56	64	85 246	48 828,807	802 084,253	16,426	15,966
7	15	99 052	92 387,653	4 310 692,037	46,659	46,199	57	65	84 002	47 640,234	753 255,446	15,811	15,351
8	16	99 031	91 453,881	4 218 304,384	46,125	45,665	58	66	82 676	46 423,654	705 615,211	15,199	14,739
9	17	99 008	90 526,923	4 126 850,503	45,587	45,127	59	67	81 248	45 170,065	659 191,557	14,594	14,134
10	18	98 984	89 609,196	4 036 323,580	45,044	44,584	60	68	79 738	43 891,520	614 021,492	13,990	13,530
11	19	98 953	88 693,784	3 946 714,384	44,498	44,038	61	69	78 143	42 587,743	570 129,973	13,387	12,927
12	20	98 924	87 789,956	3 858 020,600	43,946	43,486	62	70	76 450	41 252,425	527 542,230	12,788	12,328
13	21	98 891	86 891,782	3 770 230,644	43,390	42,930	63	71	74 656	39 886,024	486 289,805	12,192	11,732
14	22	98 859	86 003,923	3 683 338,862	42,828	42,368	64	72	72 763	38 489,704	446 403,782	11,598	11,138
15	23	98 822	85 120,519	3 597 334,939	42,262	41,802	65	73	70 699	37 027,492	407 914,077	11,017	10,557
16	24	98 782	84 243,477	3 512 214,419	41,691	41,231	66	74	68 502	35 521,637	370 886,585	10,441	9,981
17	25	98 736	83 370,867	3 427 970,942	41,117	40,657	67	75	66 115	33 944,587	335 364,948	9,880	9,420
18	26	98 681	82 499,295	3 344 600,076	40,541	40,081	68	76	63 540	32 299,305	301 420,361	9,332	8,872
19	27	98 610	81 623,820	3 262 100,781	39,965	39,505	69	77	60 797	30 598,882	269 121,056	8,795	8,335
20	28	98 536	80 754,470	3 180 476,960	39,385	38,925	70	78	57 873	28 839,120	238 522,175	8,271	7,811
21	29	98 458	79 891,707	3 099 722,491	38,799	38,339	71	79	54 742	27 008,655	209 683,054	7,764	7,304
22	30	98 376	79 035,270	3 019 830,784	38,209	37,749	72	80	51 439	25 127,972	182 674,399	7,270	6,810
23	31	98 296	78 189,024	2 940 795,514	37,611	37,151	73	81	47 955	23 193,817	157 546,428	6,793	6,333
24	32	98 215	77 351,035	2 862 606,490	37,008	36,548	74	82	44 309	21 218,450	134 352,611	6,332	5,872
25	33	98 126	76 515,197	2 785 255,455	36,401	35,941	75	83	40 448	19 177,609	113 134,160	5,899	5,439
26	34	98 036	75 688,316	2 708 740,258	35,788	35,328	76	84	36 492	17 130,705	93 956,552	5,485	5,025
27	35	97 937	74 863,571	2 633 051,942	35,171	34,711	77	85	32 444	15 079,705	76 825,846	5,095	4,635
28	36	97 836	74 045,967	2 558 188,371	34,549	34,089	78	86	28 368	13 054,665	61 746,142	4,730	4,270
29	37	97 731	73 233,966	2 484 142,404	33,921	33,461	79	87	24 338	11 089,150	48 691,476	4,391	3,931
30	38	97 615	72 422,524	2 410 908,438	33,289	32,830	80	88	20 425	9 214,181	37 602,326	4,081	3,621
31	39	97 498	71 619,692	2 338 485,914	32,651	32,191	81	89	16 761	7 486,432	28 388,145	3,792	3,332
32	40	97 364	70 813,096	2 266 866,223	32,012	31,552	82	90	13 341	5 899,753	20 901,713	3,543	3,083
33	41	97 224	70 010,958	2 196 053,127	31,367	30,907	83	91	10 370	4 540,535	15 001,960	3,304	2,844
34	42	97 071	69 209,353	2 126 042,168	30,719	30,259	84	92	7 778	3 371,814	10 461,425	3,103	2,643
35	43	96 908	68 408,816	2 056 832,816	30,067	29,607	85	93	5 687	2 440,936	7 089,611	2,904	2,444
36	44	96 728	67 605,312	1 988 424,000	29,412	28,952	86	94	4 018	1 707,755	4 648,674	2,722	2,262
37	45	96 534	66 801,879	1 920 818,688	28,754	28,294	87	95	2 735	1 150,650	2 940,919	2,556	2,096
38	46	96 320	65 993,847	1 854 016,809	28,094	27,634	88	96	1 785	743,755	1 790,270	2,407	1,947
39	47	96 078	65 176,651	1 788 022,963	27,433	26,974	89	97	1 118	461,160	1 046,515	2,269	1,809
40	48	95 811	64 351,861	1 722 846,312	26,772	26,312	90	98	666	271,945	585,355	2,152	1,692
41	49	95 519	63 520,446	1 658 494,451	26,110	25,650	91	99	381	154,154	313,410	2,033	1,573
42	50	95 192	62 676,168	1 594 974,005	25,448	24,988	92	100	206	82,327	159,256	1,934	1,474
43	51	94 837	61 824,205	1 532 297,837	24,785	24,325							
44	52	94 436	60 953,424	1 470 473,632	24,125	23,665							
45	53	93 990	60 064,510	1 409 520,208	23,467	23,007							
46	54	93 499	59 159,685	1 349 455,698	22,810	22,350							
47	55	92 971	58 242,602	1 290 296,013	22,154	21,694							
48	56	92 374	57 295,748	1 232 053,411	21,503	21,043							
49	57	91 730	56 333,215	1 174 757,663	20,854	20,394							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$\ddot{a}^{(12)}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$\ddot{a}^{(12)}_{xy}$
0	9	99 586	99 585,940	4 954 887,419	49,755	49,295	50	59	90 634	55 109,223	1 091 490,762	19,806	19,346
1	10	99 194	98 211,798	4 855 301,479	49,437	48,977	51	60	89 846	54 088,670	1 036 381,539	19,161	18,701
2	11	99 154	97 200,688	4 757 089,681	48,941	48,481	52	61	88 939	53 012,526	982 292,869	18,529	18,069
3	12	99 128	96 212,445	4 659 888,993	48,433	47,973	53	62	87 985	51 924,774	929 280,343	17,897	17,437
4	13	99 106	95 238,933	4 563 676,548	47,918	47,458	54	63	86 947	50 804,404	877 355,569	17,269	16,809
5	14	99 084	94 275,006	4 468 437,615	47,398	46,938	55	64	85 827	49 653,054	826 551,165	16,647	16,187
6	15	99 063	93 321,389	4 374 162,609	46,872	46,412	56	65	84 619	48 469,944	776 898,111	16,028	15,568
7	16	99 040	92 376,031	4 280 841,220	46,341	45,881	57	66	83 346	47 268,170	728 428,167	15,411	14,951
8	17	99 016	91 439,809	4 188 465,188	45,806	45,346	58	67	81 969	46 026,534	681 159,996	14,799	14,339
9	18	98 992	90 512,396	4 097 025,379	45,265	44,805	59	68	80 506	44 757,558	635 133,462	14,191	13,731
10	19	98 962	89 588,728	4 006 512,983	44,721	44,261	60	69	78 963	43 465,306	590 375,905	13,583	13,123
11	20	98 932	88 675,465	3 916 924,255	44,171	43,711	61	70	77 313	42 135,396	546 910,599	12,980	12,520
12	21	98 902	87 770,467	3 828 248,789	43,617	43,157	62	71	75 562	40 773,702	504 775,203	12,380	11,920
13	22	98 870	86 873,596	3 740 478,322	43,057	42,597	63	72	73 695	39 372,404	464 001,501	11,785	11,325
14	23	98 837	85 984,630	3 653 604,726	42,491	42,031	64	73	71 710	37 932,461	424 629,097	11,194	10,734
15	24	98 800	85 101,062	3 567 620,096	41,922	41,462	65	74	69 549	36 425,380	386 696,636	10,616	10,156
16	25	98 762	84 226,448	3 482 519,033	41,347	40,887	66	75	67 227	34 860,667	350 271,256	10,048	9,588
17	26	98 715	83 352,527	3 398 292,585	40,770	40,310	67	76	64 697	33 216,207	315 410,589	9,496	9,036
18	27	98 658	82 479,770	3 314 940,058	40,191	39,731	68	77	61 984	31 508,204	282 194,382	8,956	8,496
19	28	98 584	81 601,892	3 232 460,288	39,613	39,153	69	78	59 111	29 750,567	250 686,178	8,426	7,966
20	29	98 511	80 734,049	3 150 858,396	39,028	38,568	70	79	56 017	27 914,300	220 935,611	7,915	7,455
21	30	98 430	79 868,784	3 070 124,347	38,440	37,980	71	80	52 755	26 028,081	193 021,311	7,416	6,956
22	31	98 349	79 012,900	2 990 255,562	37,845	37,385	72	81	49 291	24 078,487	166 993,230	6,935	6,475
23	32	98 267	78 165,409	2 911 242,662	37,245	36,785	73	82	45 673	22 090,015	142 914,743	6,470	6,010
24	33	98 180	77 323,616	2 833 077,253	36,639	36,179	74	83	41 866	20 048,374	120 824,728	6,027	5,567
25	34	98 090	76 487,220	2 755 753,636	36,029	35,569	75	84	37 911	17 974,950	100 776,354	5,606	5,147
26	35	97 994	75 656,165	2 679 266,416	35,414	34,954	76	85	33 853	15 891,886	82 801,404	5,210	4,750
27	36	97 898	74 833,793	2 603 610,251	34,792	34,332	77	86	29 759	13 831,789	66 909,518	4,837	4,377
28	37	97 790	74 010,779	2 528 776,457	34,168	33,708	78	87	25 695	11 824,620	53 077,728	4,489	4,029
29	38	97 679	73 194,882	2 454 765,678	33,537	33,077	79	88	21 702	9 888,289	41 253,109	4,172	3,712
30	39	97 560	72 382,205	2 381 570,796	32,903	32,443	80	89	17 927	8 087,405	31 364,820	3,878	3,418
31	40	97 433	71 572,312	2 309 188,591	32,264	31,804	81	90	14 389	6 426,975	23 277,415	3,622	3,162
32	41	97 295	70 763,086	2 237 616,279	31,621	31,161	82	91	11 276	4 986,497	16 850,440	3,379	2,919
33	42	97 146	69 954,845	2 166 853,193	30,975	30,515	83	92	8 527	3 733,743	11 863,943	3,177	2,718
34	43	96 985	69 147,750	2 096 898,349	30,325	29,865	84	93	6 306	2 733,779	8 130,200	2,974	2,514
35	44	96 809	68 338,769	2 027 750,598	29,672	29,212	85	94	4 508	1 935,046	5 396,420	2,789	2,329
36	45	96 619	67 529,381	1 959 411,829	29,016	28,556	86	95	3 111	1 322,003	3 461,374	2,618	2,158
37	46	96 411	66 717,092	1 891 882,448	28,357	27,897	87	96	2 065	868,678	2 139,372	2,463	2,003
38	47	96 184	65 900,854	1 825 165,357	27,696	27,236	88	97	1 313	546,879	1 270,693	2,324	1,864
39	48	95 921	65 070,079	1 759 264,503	27,036	26,576	89	98	800	329,835	723,814	2,194	1,734
40	49	95 642	64 238,059	1 694 194,423	26,374	25,914	90	99	463	188,950	393,979	2,085	1,625
41	50	95 322	63 389,744	1 629 956,364	25,713	25,253	91	100	257	103,914	205,029	1,973	1,513
42	51	94 982	62 538,093	1 566 566,621	25,050	24,590							
43	52	94 605	61 672,934	1 504 028,528	24,387	23,927							
44	53	94 177	60 786,084	1 442 355,594	23,728	23,268							
45	54	93 707	59 883,923	1 381 569,510	23,071	22,611							
46	55	93 201	58 970,893	1 321 685,587	22,413	21,953							
47	56	92 641	58 036,238	1 262 714,694	21,757	21,297							
48	57	92 025	57 079,617	1 204 678,455	21,105	20,645							
49	58	91 363	56 108,076	1 147 598,838	20,453	19,993							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	10	99 579	99 579,070	4 923 570,182	49,444	48,984	50	60	90 206	54 848,995	1 063 419,984	19,388	18,928
1	11	99 187	98 204,828	4 823 991,111	49,122	48,662	51	61	89 361	53 797,167	1 008 570,989	18,748	18,288
2	12	99 146	97 192,915	4 725 786,283	48,623	48,163	52	62	88 427	52 707,879	954 773,821	18,114	17,654
3	13	99 120	96 204,700	4 628 593,368	48,112	47,652	53	63	87 430	51 597,251	902 065,943	17,483	17,023
4	14	99 097	95 230,402	4 532 388,668	47,594	47,134	54	64	86 361	50 462,091	850 468,692	16,854	16,394
5	15	99 073	94 264,787	4 437 158,266	47,071	46,611	55	65	85 196	49 288,133	800 006,601	16,231	15,771
6	16	99 050	93 309,650	4 342 893,479	46,543	46,083	56	66	83 958	48 091,400	750 718,467	15,610	15,150
7	17	99 024	92 361,817	4 249 583,828	46,010	45,550	57	67	82 633	46 863,826	702 627,067	14,993	14,533
8	18	99 000	91 425,136	4 157 222,011	45,471	45,011	58	68	81 220	45 606,206	655 763,241	14,379	13,919
9	19	98 969	90 491,722	4 065 796,875	44,930	44,470	59	69	79 724	44 322,934	610 157,035	13,766	13,306
10	20	98 941	89 570,225	3 975 305,153	44,382	43,922	60	70	78 125	43 003,638	565 834,102	13,158	12,698
11	21	98 910	88 655,780	3 885 734,929	43,829	43,369	61	71	76 416	41 646,427	522 830,463	12,554	12,094
12	22	98 881	87 752,098	3 797 079,149	43,271	42,811	62	72	74 589	40 248,651	481 184,037	11,955	11,495
13	23	98 848	86 854,108	3 709 327,051	42,708	42,248	63	73	72 628	38 802,381	440 935,386	11,364	10,904
14	24	98 815	85 964,976	3 622 472,943	42,139	41,679	64	74	70 544	37 315,634	402 133,005	10,777	10,317
15	25	98 780	85 083,860	3 536 507,967	41,565	41,105	65	75	68 255	35 747,594	364 817,371	10,205	9,745
16	26	98 740	84 207,920	3 451 424,107	40,987	40,527	66	76	65 785	34 112,629	329 069,777	9,647	9,187
17	27	98 691	83 332,800	3 367 216,186	40,407	39,947	67	77	63 112	32 402,648	294 957,148	9,103	8,643
18	28	98 631	82 457,612	3 283 883,387	39,825	39,365	68	78	60 265	30 634,679	262 554,500	8,570	8,111
19	29	98 559	81 581,257	3 201 425,774	39,242	38,782	69	79	57 216	28 796,518	231 919,820	8,054	7,594
20	30	98 483	80 710,885	3 119 844,517	38,655	38,195	70	80	53 984	26 900,846	203 123,302	7,551	7,091
21	31	98 402	79 846,179	3 039 133,632	38,062	37,602	71	81	50 551	24 941,003	176 222,456	7,066	6,606
22	32	98 319	78 989,036	2 959 287,453	37,465	37,005	72	82	46 945	22 932,584	151 281,454	6,597	6,137
23	33	98 232	78 137,702	2 880 298,417	36,862	36,402	73	83	43 154	20 871,877	128 348,870	6,149	5,689
24	34	98 145	77 295,344	2 802 160,715	36,253	35,793	74	84	39 240	18 791,108	107 476,993	5,720	5,260
25	35	98 048	76 454,730	2 724 865,371	35,640	35,180	75	85	35 170	16 675,095	88 685,885	5,318	4,858
26	36	97 955	75 626,073	2 648 410,640	35,020	34,560	76	86	31 052	14 576,759	72 010,806	4,940	4,480
27	37	97 852	74 798,231	2 572 784,568	34,396	33,936	77	87	26 955	12 528,521	57 434,047	4,584	4,124
28	38	97 738	73 971,281	2 497 986,336	33,770	33,310	78	88	22 913	10 544,113	44 905,526	4,259	3,799
29	39	97 624	73 154,133	2 424 015,055	33,136	32,676	79	89	19 049	8 679,078	34 361,413	3,959	3,499
30	40	97 496	72 334,321	2 350 860,922	32,500	32,040	80	90	15 390	6 942,900	25 682,335	3,699	3,239
31	41	97 365	71 521,765	2 278 526,601	31,858	31,398	81	91	12 162	5 432,108	18 739,436	3,450	2,990
32	42	97 217	70 706,370	2 207 004,836	31,214	30,754	82	92	9 272	4 100,464	13 307,328	3,245	2,785
33	43	97 059	69 892,579	2 136 298,466	30,565	30,105	83	93	6 914	3 027,222	9 206,864	3,041	2,581
34	44	96 886	69 076,947	2 066 405,887	29,915	29,455	84	94	4 999	2 167,196	6 179,642	2,851	2,391
35	45	96 700	68 262,014	1 997 328,940	29,260	28,800	85	95	3 490	1 497,953	4 012,445	2,679	2,219
36	46	96 496	67 443,670	1 929 066,926	28,603	28,143	86	96	2 348	998,041	2 514,493	2,519	2,059
37	47	96 275	66 623,080	1 861 623,256	27,943	27,483	87	97	1 518	638,735	1 516,452	2,374	1,914
38	48	96 027	65 793,098	1 795 000,176	27,282	26,823	88	98	939	391,144	877,717	2,244	1,784
39	49	95 752	64 955,008	1 729 207,077	26,622	26,162	89	99	556	229,172	486,573	2,123	1,663
40	50	95 445	64 105,879	1 664 252,070	25,961	25,501	90	100	312	127,370	257,401	2,021	1,561
41	51	95 112	63 250,096	1 600 146,190	25,299	24,839							
42	52	94 750	62 385,075	1 536 896,094	24,636	24,176							
43	53	94 345	61 503,619	1 474 511,019	23,974	23,514							
44	54	93 894	60 603,328	1 413 007,401	23,316	22,856							
45	55	93 408	59 692,820	1 352 404,072	22,656	22,196							
46	56	92 871	58 761,950	1 292 711,252	21,999	21,539							
47	57	92 292	57 817,314	1 233 949,302	21,342	20,882							
48	58	91 657	56 851,495	1 176 131,989	20,688	20,228							
49	59	90 960	55 860,510	1 119 280,494	20,037	19,577							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	11	99 572	99 572,003	4 890 858,633	49,119	48,659	50	61	89 720	54 553,395	1 034 249,113	18,958	18,498
1	12	99 179	98 196,975	4 791 286,630	48,793	48,333	51	62	88 848	53 488,011	979 695,718	18,316	17,856
2	13	99 139	97 185,091	4 693 089,655	48,290	47,830	52	63	87 870	52 375,416	926 207,707	17,684	17,224
3	14	99 111	96 196,083	4 595 904,564	47,776	47,316	53	64	86 841	51 249,596	873 832,291	17,051	16,591
4	15	99 086	95 220,080	4 499 708,481	47,256	46,796	54	65	85 727	50 091,224	822 582,695	16,422	15,962
5	16	99 061	94 252,930	4 404 488,401	46,731	46,271	55	66	84 530	48 903,199	772 491,471	15,796	15,336
6	17	99 035	93 295,293	4 310 235,472	46,200	45,740	56	67	83 240	47 680,014	723 588,272	15,176	14,716
7	18	99 008	92 346,996	4 216 940,179	45,664	45,204	57	68	81 879	46 435,851	675 908,258	14,556	14,096
8	19	98 978	91 404,253	4 124 593,183	45,125	44,665	58	69	80 431	45 163,341	629 472,407	13,938	13,478
9	20	98 949	90 473,032	4 033 188,930	44,579	44,119	59	70	78 877	43 852,157	584 309,066	13,325	12,865
10	21	98 919	89 550,341	3 942 715,898	44,028	43,568	60	71	77 218	42 504,593	540 456,909	12,715	12,255
11	22	98 890	88 637,225	3 853 165,557	43,471	43,011	61	72	75 431	41 110,138	497 952,316	12,113	11,653
12	23	98 859	87 732,412	3 764 528,332	42,909	42,449	62	73	73 509	39 665,942	456 842,179	11,517	11,057
13	24	98 825	86 834,255	3 676 795,920	42,343	41,883	63	74	71 447	38 171,408	417 176,236	10,929	10,469
14	25	98 795	85 947,599	3 589 961,665	41,769	41,309	64	75	69 231	36 621,282	379 004,829	10,349	9,889
15	26	98 758	85 065,143	3 504 014,066	41,192	40,732	65	76	66 791	34 980,524	342 383,547	9,788	9,328
16	27	98 717	84 187,991	3 418 948,922	40,611	40,151	66	77	64 174	33 277,115	307 403,023	9,238	8,778
17	28	98 665	83 310,413	3 334 760,931	40,028	39,568	67	78	61 362	31 504,327	274 125,908	8,701	8,241
18	29	98 607	82 436,761	3 251 450,518	39,442	38,982	68	79	58 333	29 652,279	242 621,581	8,182	7,722
19	30	98 531	81 557,850	3 169 013,757	38,856	38,396	69	80	55 138	27 751,034	212 969,302	7,674	7,214
20	31	98 455	80 688,041	3 087 455,907	38,264	37,804	70	81	51 729	25 777,316	185 218,268	7,185	6,725
21	32	98 372	79 822,063	3 006 767,866	37,668	37,208	71	82	48 145	23 754,052	159 440,952	6,712	6,252
22	33	98 284	78 961,037	2 926 945,803	37,068	36,608	72	83	44 357	21 667,982	135 686,900	6,262	5,802
23	34	98 196	78 109,132	2 847 984,766	36,462	36,002	73	84	40 448	19 562,968	114 018,918	5,828	5,368
24	35	98 103	77 262,511	2 769 875,634	35,850	35,390	74	85	36 403	17 432,216	94 455,950	5,418	4,958
25	36	98 009	76 424,320	2 692 613,123	35,232	34,772	75	86	32 259	15 295,139	77 023,734	5,036	4,576
26	37	97 909	75 590,134	2 616 188,803	34,610	34,150	76	87	28 126	13 203,297	61 728,595	4,675	4,215
27	38	97 799	74 758,313	2 540 598,669	33,984	33,524	77	88	24 036	11 171,788	48 525,297	4,344	3,884
28	39	97 683	73 930,100	2 465 840,356	33,354	32,894	78	89	20 111	9 254,703	37 353,510	4,036	3,576
29	40	97 560	73 105,738	2 391 910,256	32,719	32,259	79	90	16 353	7 450,841	28 098,807	3,771	3,311
30	41	97 427	72 283,237	2 318 804,518	32,079	31,619	80	91	13 008	5 868,170	20 647,965	3,519	3,059
31	42	97 287	71 464,441	2 246 521,281	31,436	30,976	81	92	10 001	4 466,895	14 779,796	3,309	2,849
32	43	97 131	70 643,435	2 175 056,840	30,789	30,329	82	93	7 518	3 324,550	10 312,900	3,102	2,642
33	44	96 960	69 821,013	2 104 413,405	30,140	29,680	83	94	5 481	2 399,823	6 988,350	2,912	2,452
34	45	96 777	68 999,363	2 034 592,392	29,487	29,027	84	95	3 870	1 677,664	4 588,528	2,735	2,275
35	46	96 577	68 175,374	1 965 593,029	28,831	28,371	85	96	2 635	1 130,873	2 910,864	2,574	2,114
36	47	96 360	67 348,635	1 897 417,655	28,173	27,713	86	97	1 727	733,855	1 779,990	2,426	1,966
37	48	96 118	66 514,143	1 830 069,021	27,514	27,054	87	98	1 086	456,842	1 046,136	2,290	1,830
38	49	95 857	65 676,748	1 763 554,877	26,852	26,392	88	99	652	271,770	589,294	2,168	1,708
39	50	95 555	64 821,353	1 697 878,129	26,193	25,733	89	100	375	154,484	317,524	2,055	1,595
40	51	95 235	63 964,654	1 633 056,776	25,531	25,071							
41	52	94 880	63 095,336	1 569 092,122	24,869	24,409							
42	53	94 490	62 213,805	1 505 996,786	24,207	23,747							
43	54	94 062	61 318,706	1 443 782,981	23,546	23,086							
44	55	93 594	60 409,930	1 382 464,276	22,885	22,425							
45	56	93 077	59 481,319	1 322 054,346	22,226	21,766							
46	57	92 521	58 540,288	1 262 573,027	21,568	21,108							
47	58	91 923	57 586,243	1 204 032,740	20,908	20,448							
48	59	91 253	56 600,648	1 146 446,497	20,255	19,795							
49	60	90 531	55 596,735	1 089 845,848	19,603	19,143							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	12	99 564	99 564,040	4 856 774,868	48,780	48,320	50	62	89 205	54 239,892	1 004 039,264	18,511	18,051
1	13	99 171	98 189,070	4 757 210,828	48,449	47,990	51	63	88 287	53 150,627	949 799,371	17,870	17,410
2	14	99 130	97 176,385	4 659 021,757	47,944	47,484	52	64	87 278	52 022,518	896 648,744	17,236	16,776
3	15	99 100	96 185,656	4 561 845,372	47,428	46,968	53	65	86 202	50 872,942	844 626,226	16,603	16,143
4	16	99 074	95 208,102	4 465 659,716	46,904	46,444	54	66	85 057	49 700,018	793 753,285	15,971	15,511
5	17	99 046	94 238,427	4 370 451,613	46,377	45,917	55	67	83 807	48 484,868	744 053,266	15,346	14,886
6	18	99 019	93 280,321	4 276 213,187	45,843	45,383	56	68	82 480	47 244,586	695 568,398	14,723	14,263
7	19	98 986	92 325,903	4 182 932,865	45,306	44,846	57	69	81 084	45 984,930	648 323,813	14,099	13,639
8	20	98 957	91 385,375	4 090 606,963	44,762	44,302	58	70	79 577	44 683,638	602 338,883	13,480	13,020
9	21	98 927	90 452,948	3 999 221,588	44,213	43,753	59	71	77 962	43 343,265	557 655,245	12,866	12,406
10	22	98 899	89 531,599	3 908 768,640	43,658	43,198	60	72	76 224	41 957,253	514 311,980	12,258	11,798
11	23	98 868	88 617,341	3 819 237,041	43,098	42,638	61	73	74 339	40 514,956	472 354,727	11,659	11,199
12	24	98 836	87 712,358	3 730 619,700	42,532	42,072	62	74	72 314	39 020,926	431 839,771	11,067	10,607
13	25	98 806	86 816,702	3 642 907,341	41,961	41,501	63	75	70 118	37 461,132	392 818,844	10,486	10,026
14	26	98 773	85 928,692	3 556 090,639	41,384	40,924	64	76	67 746	35 835,465	355 357,712	9,916	9,456
15	27	98 735	85 045,011	3 470 161,947	40,804	40,344	65	77	65 155	34 123,753	319 522,248	9,364	8,904
16	28	98 691	84 165,374	3 385 116,935	40,220	39,760	66	78	62 394	32 354,550	285 398,495	8,821	8,361
17	29	98 640	83 289,346	3 300 951,561	39,632	39,172	67	79	59 395	30 494,038	253 043,945	8,298	7,838
18	30	98 578	82 413,108	3 217 662,215	39,043	38,583	68	80	56 215	28 575,725	222 549,907	7,788	7,328
19	31	98 503	81 534,767	3 135 249,107	38,453	37,993	69	81	52 835	26 591,996	193 974,182	7,294	6,834
20	32	98 425	80 663,672	3 053 714,341	37,857	37,397	70	82	49 267	24 550,565	167 382,185	6,818	6,358
21	33	98 337	79 793,769	2 973 050,669	37,259	36,799	71	83	45 491	22 444,151	142 831,621	6,364	5,904
22	34	98 248	78 932,166	2 893 256,900	36,655	36,195	72	84	41 575	20 309,149	120 387,470	5,928	5,468
23	35	98 154	78 075,953	2 814 324,734	36,046	35,586	73	85	37 523	18 148,258	100 078,321	5,514	5,055
24	36	98 064	77 231,779	2 736 248,781	35,429	34,969	74	86	33 390	15 989,619	81 930,063	5,124	4,664
25	37	97 962	76 388,022	2 659 017,002	34,809	34,349	75	87	29 220	13 853,990	65 940,444	4,760	4,300
26	38	97 856	75 549,793	2 582 629,000	34,184	33,724	76	88	25 080	11 773,491	52 086,454	4,424	3,964
27	39	97 745	74 716,694	2 507 079,207	33,554	33,094	77	89	21 097	9 805,621	40 312,962	4,111	3,651
28	40	97 619	73 881,192	2 432 362,513	32,923	32,463	78	90	17 265	7 945,006	30 507,341	3,840	3,380
29	41	97 491	73 054,109	2 358 481,321	32,284	31,824	79	91	13 822	6 297,484	22 562,335	3,583	3,123
30	42	97 349	72 225,302	2 285 427,213	31,643	31,183	80	92	10 697	4 825,475	16 264,851	3,371	2,911
31	43	97 200	71 400,832	2 213 201,911	30,997	30,537	81	93	8 108	3 621,643	11 439,376	3,159	2,699
32	44	97 031	70 571,100	2 141 801,079	30,350	29,890	82	94	5 960	2 635,528	7 817,733	2,966	2,506
33	45	96 851	69 742,593	2 071 229,979	29,698	29,238	83	95	4 243	1 857,744	5 182,205	2,790	2,330
34	46	96 654	68 911,787	2 001 487,386	29,044	28,584	84	96	2 922	1 266,546	3 324,461	2,625	2,165
35	47	96 441	68 079,307	1 932 575,599	28,387	27,927	85	97	1 937	831,526	2 057,915	2,475	2,015
36	48	96 203	67 238,512	1 864 496,292	27,730	27,270	86	98	1 235	524,874	1 226,389	2,337	1,877
37	49	95 948	66 396,518	1 797 257,780	27,069	26,609	87	99	754	317,417	701,515	2,210	1,750
38	50	95 660	65 541,608	1 730 861,262	26,409	25,949	88	100	440	183,199	384,098	2,097	1,637
39	51	95 344	64 678,552	1 665 319,654	25,748	25,288							
40	52	95 002	63 808,146	1 600 641,102	25,085	24,625							
41	53	94 619	62 922,116	1 536 832,956	24,424	23,964							
42	54	94 206	62 026,756	1 473 910,840	23,763	23,303							
43	55	93 761	61 123,024	1 411 884,084	23,099	22,639							
44	56	93 263	60 195,887	1 350 761,060	22,439	21,979							
45	57	92 726	59 256,943	1 290 565,173	21,779	21,319							
46	58	92 151	58 306,327	1 231 308,230	21,118	20,658							
47	59	91 517	57 332,155	1 173 001,902	20,460	20,000							
48	60	90 822	56 333,379	1 115 669,748	19,805	19,345							
49	61	90 043	55 297,105	1 059 336,369	19,157	18,697							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	13	99 556	99 556,026	4 821 345,065	48,428	47,968	50	63	88 642	53 897,766	972 837,689	18,050	17,590
1	14	99 162	98 180,275	4 721 789,040	48,093	47,633	51	64	87 692	52 792,506	918 939,923	17,407	16,947
2	15	99 119	97 165,853	4 623 608,765	47,585	47,125	52	65	86 636	51 640,183	866 147,417	16,773	16,313
3	16	99 088	96 173,557	4 526 442,912	47,065	46,605	53	66	85 529	50 475,630	814 507,234	16,137	15,677
4	17	99 059	95 193,452	4 430 269,355	46,540	46,080	54	67	84 330	49 274,871	764 031,603	15,506	15,046
5	18	99 030	94 223,304	4 335 075,903	46,009	45,549	55	68	83 042	48 042,090	714 756,732	14,878	14,418
6	19	98 996	93 259,015	4 240 852,599	45,474	45,014	56	69	81 679	46 785,811	666 714,642	14,250	13,790
7	20	98 965	92 306,834	4 147 593,584	44,933	44,473	57	70	80 223	45 496,500	619 928,831	13,626	13,166
8	21	98 935	91 365,088	4 055 286,750	44,386	43,926	58	71	78 654	44 165,096	574 432,331	13,006	12,546
9	22	98 906	90 434,017	3 963 921,662	43,832	43,372	59	72	76 958	42 785,125	530 267,235	12,394	11,934
10	23	98 876	89 511,514	3 873 487,645	43,274	42,814	60	73	75 120	41 349,808	487 482,109	11,789	11,329
11	24	98 845	88 597,085	3 783 976,131	42,710	42,250	61	74	73 131	39 856,135	446 132,302	11,194	10,734
12	25	98 817	87 694,628	3 695 379,046	42,139	41,679	62	75	70 968	38 294,843	406 276,167	10,609	10,149
13	26	98 784	86 797,605	3 607 684,417	41,564	41,104	63	76	68 613	36 657,293	367 981,324	10,038	9,578
14	27	98 749	85 908,356	3 520 886,812	40,984	40,524	64	77	66 086	34 957,753	331 324,031	9,478	9,018
15	28	98 708	85 022,164	3 434 978,457	40,401	39,941	65	78	63 348	33 177,716	296 366,277	8,933	8,473
16	29	98 666	84 144,091	3 349 956,292	39,812	39,352	66	79	60 394	31 316,996	263 188,561	8,404	7,944
17	30	98 612	83 265,448	3 265 812,201	39,222	38,762	67	80	57 238	29 386,924	231 871,565	7,890	7,430
18	31	98 550	82 389,783	3 182 546,753	38,628	38,168	68	81	53 867	27 382,244	202 484,642	7,395	6,935
19	32	98 473	81 510,141	3 100 156,970	38,034	37,574	69	82	50 321	25 326,474	175 102,398	6,914	6,454
20	33	98 390	80 635,078	3 018 646,829	37,436	36,976	70	83	46 550	23 196,741	149 775,924	6,457	5,997
21	34	98 301	79 764,593	2 938 011,751	36,834	36,374	71	84	42 638	21 036,643	126 579,184	6,017	5,557
22	35	98 206	78 898,638	2 858 247,158	36,227	35,767	72	85	38 568	18 840,478	105 542,541	5,602	5,142
23	36	98 115	78 044,898	2 779 348,520	35,612	35,152	73	86	34 418	16 646,406	86 702,063	5,208	4,748
24	37	98 017	77 195,078	2 701 303,622	34,993	34,533	74	87	30 244	14 483,034	70 055,657	4,837	4,377
25	38	97 910	76 347,236	2 624 108,544	34,371	33,911	75	88	26 056	12 353,719	55 572,623	4,498	4,038
26	39	97 802	75 507,733	2 547 761,309	33,742	33,282	76	89	22 013	10 333,745	43 218,903	4,182	3,722
27	40	97 680	74 667,265	2 472 253,576	33,110	32,650	77	90	18 111	8 417,960	32 885,159	3,907	3,447
28	41	97 550	73 829,015	2 397 586,311	32,475	32,015	78	91	14 592	6 715,154	24 467,199	3,644	3,184
29	42	97 413	72 995,556	2 323 757,296	31,834	31,374	79	92	11 366	5 178,506	17 752,045	3,428	2,968
30	43	97 262	72 161,015	2 250 761,740	31,191	30,731	80	93	8 673	3 912,370	12 573,539	3,214	2,754
31	44	97 100	71 327,721	2 178 600,725	30,544	30,084	81	94	6 428	2 871,048	8 661,169	3,017	2,557
32	45	96 922	70 491,838	2 107 273,003	29,894	29,434	82	95	4 613	2 040,208	5 790,121	2,838	2,378
33	46	96 728	69 654,074	2 036 781,165	29,241	28,781	83	96	3 203	1 402,496	3 749,913	2,674	2,214
34	47	96 518	68 814,683	1 967 127,092	28,586	28,126	84	97	2 148	931,285	2 347,417	2,521	2,061
35	48	96 284	67 967,989	1 898 312,409	27,930	27,470	85	98	1 386	594,731	1 416,131	2,381	1,921
36	49	96 033	67 119,605	1 830 344,420	27,270	26,810	86	99	858	364,687	821,400	2,252	1,792
37	50	95 751	66 259,897	1 763 224,814	26,611	26,151	87	100	509	213,970	456,713	2,134	1,674
38	51	95 449	65 397,220	1 696 964,917	25,949	25,489							
39	52	95 111	64 520,296	1 631 567,697	25,288	24,828							
40	53	94 741	63 632,969	1 567 047,401	24,626	24,166							
41	54	94 335	62 732,938	1 503 414,432	23,965	23,505							
42	55	93 905	61 828,815	1 440 681,494	23,301	22,841							
43	56	93 429	60 906,455	1 378 852,679	22,639	22,179							
44	57	92 911	59 968,816	1 317 946,224	21,977	21,517							
45	58	92 355	59 020,119	1 257 977,408	21,314	20,854							
46	59	91 744	58 049,062	1 198 957,289	20,654	20,194							
47	60	91 085	57 061,431	1 140 908,227	19,994	19,534							
48	61	90 333	56 029,778	1 083 846,796	19,344	18,884							
49	62	89 525	54 979,329	1 027 817,018	18,695	18,235							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	14	99 547	99 547,108	4 784 597,114	48,064	47,604	50	64	88 045	53 534,611	940 705,301	17,572	17,112
1	15	99 151	98 169,633	4 685 050,007	47,724	47,264	51	65	87 048	52 404,512	887 170,690	16,929	16,469
2	16	99 106	97 153,630	4 586 880,373	47,213	46,753	52	66	85 960	51 236,880	834 766,178	16,292	15,832
3	17	99 072	96 158,759	4 489 726,743	46,691	46,231	53	67	84 798	50 043,849	783 529,298	15,657	15,197
4	18	99 043	95 178,177	4 393 567,985	46,162	45,702	54	68	83 559	48 824,878	733 485,449	15,023	14,563
5	19	99 007	94 201,782	4 298 389,808	45,630	45,170	55	69	82 236	47 575,571	684 660,571	14,391	13,931
6	20	98 976	93 239,753	4 204 188,026	45,090	44,630	56	70	80 812	46 288,875	637 085,000	13,763	13,303
7	21	98 943	92 286,342	4 110 948,272	44,546	44,086	57	71	79 292	44 968,526	590 796,126	13,138	12,678
8	22	98 915	91 345,966	4 018 661,930	43,994	43,534	58	72	77 641	43 596,374	545 827,600	12,520	12,060
9	23	98 884	90 413,730	3 927 315,964	43,437	42,977	59	73	75 844	42 165,694	502 231,226	11,911	11,451
10	24	98 854	89 491,054	3 836 902,234	42,875	42,415	60	74	73 899	40 677,410	460 065,532	11,310	10,850
11	25	98 825	88 579,176	3 747 411,180	42,306	41,846	61	75	71 770	39 114,510	419 388,121	10,722	10,262
12	26	98 795	87 675,338	3 658 832,004	41,732	41,272	62	76	69 446	37 473,115	380 273,611	10,148	9,688
13	27	98 760	86 777,063	3 571 156,666	41,153	40,693	63	77	66 933	35 759,453	342 800,497	9,586	9,126
14	28	98 723	85 885,277	3 484 379,604	40,570	40,110	64	78	64 254	33 988,595	307 041,043	9,034	8,574
15	29	98 683	85 000,664	3 398 494,327	39,982	39,522	65	79	61 317	32 113,764	273 052,448	8,503	8,043
16	30	98 637	84 119,948	3 313 493,662	39,390	38,930	66	80	58 201	30 180,003	240 938,684	7,983	7,523
17	31	98 584	83 241,882	3 229 373,714	38,795	38,335	67	81	54 848	28 159,562	210 758,681	7,484	7,024
18	32	98 521	82 364,899	3 146 131,832	38,197	37,738	68	82	51 303	26 079,113	182 599,119	7,002	6,542
19	33	98 438	81 481,248	3 063 766,933	37,601	37,141	69	83	47 546	23 929,863	156 520,006	6,541	6,081
20	34	98 354	80 605,595	2 982 285,685	36,998	36,539	70	84	43 631	21 742,036	132 590,143	6,098	5,638
21	35	98 259	79 730,711	2 901 680,090	36,394	35,934	71	85	39 554	19 515,363	110 848,106	5,680	5,220
22	36	98 167	78 867,255	2 821 949,379	35,781	35,321	72	86	35 377	17 281,341	91 332,744	5,285	4,825
23	37	98 069	78 007,810	2 743 082,124	35,164	34,704	73	87	31 175	15 077,937	74 051,402	4,911	4,451
24	38	97 965	77 153,880	2 665 074,314	34,542	34,082	74	88	26 969	12 914,644	58 973,466	4,566	4,106
25	39	97 856	76 304,732	2 587 920,434	33,916	33,456	75	89	22 869	10 843,018	46 058,822	4,248	3,788
26	40	97 737	75 457,781	2 511 615,702	33,285	32,825	76	90	18 898	8 871,344	35 215,804	3,970	3,510
27	41	97 611	74 614,533	2 436 157,921	32,650	32,190	77	91	15 308	7 114,897	26 344,460	3,703	3,243
28	42	97 471	73 769,841	2 361 543,388	32,012	31,552	78	92	11 999	5 521,962	19 229,563	3,482	3,022
29	43	97 326	72 930,584	2 287 773,547	31,369	30,909	79	93	9 215	4 198,598	13 707,601	3,265	2,805
30	44	97 163	72 087,127	2 214 842,963	30,725	30,265	80	94	6 875	3 101,521	9 509,003	3,066	2,606
31	45	96 991	71 247,609	2 142 755,837	30,075	29,615	81	95	4 976	2 222,528	6 407,482	2,883	2,423
32	46	96 799	70 402,367	2 071 508,227	29,424	28,964	82	96	3 483	1 540,247	4 184,954	2,717	2,257
33	47	96 592	69 555,924	2 001 105,860	28,770	28,310	83	97	2 355	1 031,249	2 644,707	2,565	2,105
34	48	96 360	68 702,163	1 931 549,936	28,115	27,655	84	98	1 536	666,082	1 613,458	2,422	1,962
35	49	96 113	67 847,793	1 862 847,774	27,456	26,996	85	99	963	413,224	947,376	2,293	1,833
36	50	95 835	66 981,496	1 794 999,981	26,798	26,338	86	100	578	245,834	534,152	2,173	1,713
37	51	95 540	66 113,927	1 728 018,484	26,137	25,677							
38	52	95 215	65 237,207	1 661 904,558	25,475	25,015							
39	53	94 850	64 343,164	1 596 667,351	24,815	24,355							
40	54	94 456	63 441,654	1 532 324,187	24,153	23,693							
41	55	94 034	62 532,743	1 468 882,533	23,490	23,030							
42	56	93 572	61 609,745	1 406 349,790	22,827	22,367							
43	57	93 077	60 676,703	1 344 740,044	22,162	21,702							
44	58	92 539	59 729,147	1 284 063,341	21,498	21,038							
45	59	91 948	58 759,704	1 224 334,194	20,836	20,376							
46	60	91 311	57 774,953	1 165 574,491	20,174	19,714							
47	61	90 594	56 753,907	1 107 799,538	19,519	19,059							
48	62	89 814	55 707,792	1 051 045,631	18,867	18,407							
49	63	88 961	54 632,538	995 337,839	18,219	17,759							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	15	99 536	99 536,318	4 746 561,552	47,687	47,227	50	65	87 398	53 141,163	907 697,485	17,081	16,621
1	16	99 139	98 157,285	4 647 025,234	47,343	46,883	51	66	86 368	51 995,239	854 556,322	16,435	15,975
2	17	99 091	97 138,681	4 548 867,949	46,829	46,369	52	67	85 224	50 798,586	802 561,082	15,799	15,339
3	18	99 057	96 143,328	4 451 729,268	46,303	45,843	53	68	84 023	49 586,833	751 762,496	15,161	14,701
4	19	99 020	95 156,437	4 355 585,941	45,773	45,313	54	69	82 748	48 350,758	702 175,663	14,523	14,063
5	20	98 987	94 182,326	4 260 429,504	45,236	44,776	55	70	81 362	47 070,246	653 824,905	13,890	13,430
6	21	98 954	93 219,055	4 166 247,178	44,693	44,233	56	71	79 874	45 751,705	606 754,659	13,262	12,802
7	22	98 923	92 267,028	4 073 028,123	44,144	43,684	57	72	78 271	44 389,458	561 002,954	12,638	12,178
8	23	98 892	91 325,474	3 980 761,095	43,589	43,129	58	73	76 517	42 965,198	516 613,496	12,024	11,564
9	24	98 862	90 393,063	3 889 435,620	43,028	42,568	59	74	74 611	41 480,030	473 648,299	11,419	10,959
10	25	98 834	89 472,964	3 799 042,557	42,460	42,000	60	75	72 523	39 920,504	432 168,269	10,826	10,366
11	26	98 803	88 559,691	3 709 569,593	41,888	41,428	61	76	70 230	38 275,194	392 247,765	10,248	9,788
12	27	98 771	87 654,588	3 621 009,902	41,310	40,850	62	77	67 745	36 555,293	353 972,572	9,683	9,223
13	28	98 734	86 753,750	3 533 355,314	40,729	40,269	63	78	65 077	34 768,069	317 417,279	9,130	8,670
14	29	98 698	85 863,559	3 446 601,564	40,140	39,680	64	79	62 194	32 898,640	282 649,210	8,592	8,132
15	30	98 655	84 976,276	3 360 738,006	39,549	39,089	65	80	59 091	30 947,844	249 750,571	8,070	7,610
16	31	98 609	84 096,140	3 275 761,730	38,953	38,493	66	81	55 770	28 919,518	218 802,726	7,566	7,106
17	32	98 554	83 216,741	3 191 665,590	38,354	37,894	67	82	52 237	26 819,438	189 883,208	7,080	6,620
18	33	98 486	82 335,703	3 108 448,849	37,753	37,293	68	83	48 474	24 640,998	163 063,770	6,618	6,158
19	34	98 402	81 451,455	3 026 113,146	37,152	36,692	69	84	44 564	22 429,183	138 422,771	6,172	5,712
20	35	98 312	80 571,356	2 944 661,691	36,547	36,087	70	85	40 476	20 169,746	115 993,588	5,751	5,291
21	36	98 220	79 698,998	2 864 090,335	35,936	35,476	71	86	36 281	17 900,376	95 823,842	5,353	4,893
22	37	98 121	78 829,776	2 784 391,337	35,322	34,862	72	87	32 043	15 653,047	77 923,466	4,978	4,518
23	38	98 016	77 966,178	2 705 561,561	34,702	34,242	73	88	27 799	13 445,123	62 270,419	4,631	4,171
24	39	97 910	77 110,927	2 627 595,382	34,076	33,616	74	89	23 671	11 335,349	48 825,297	4,307	3,847
25	40	97 791	76 254,252	2 550 484,455	33,447	32,987	75	90	19 633	9 308,547	37 489,948	4,027	3,567
26	41	97 668	75 404,491	2 474 230,203	32,813	32,353	76	91	15 973	7 498,100	28 181,401	3,758	3,298
27	42	97 533	74 554,730	2 398 825,712	32,175	31,715	77	92	12 588	5 850,675	20 683,301	3,535	3,075
28	43	97 385	73 704,180	2 324 270,982	31,535	31,075	78	93	9 729	4 477,063	14 832,626	3,313	2,853
29	44	97 226	72 855,907	2 250 566,803	30,891	30,431	79	94	7 305	3 328,428	10 355,563	3,111	2,651
30	45	97 053	72 006,162	2 177 710,895	30,243	29,783	80	95	5 322	2 400,941	7 027,135	2,927	2,467
31	46	96 868	71 157,180	2 105 704,734	29,592	29,132	81	96	3 757	1 677,888	4 626,194	2,757	2,297
32	47	96 663	70 303,163	2 034 547,554	28,940	28,480	82	97	2 561	1 132,536	2 948,305	2,603	2,143
33	48	96 434	69 442,191	1 964 244,391	28,286	27,826	83	98	1 685	737,579	1 815,769	2,462	2,002
34	49	96 190	68 580,668	1 894 802,200	27,629	27,169	84	99	1 068	462,799	1 078,190	2,330	1,870
35	50	95 916	67 708,186	1 826 221,532	26,972	26,512	85	100	649	278,553	615,390	2,209	1,749
36	51	95 624	66 833,936	1 758 513,346	26,312	25,852							
37	52	95 306	65 952,159	1 691 679,410	25,650	25,190							
38	53	94 954	65 058,106	1 625 727,251	24,989	24,529							
39	54	94 565	64 149,714	1 560 669,144	24,329	23,869							
40	55	94 155	63 239,197	1 496 519,430	23,664	23,204							
41	56	93 701	62 311,179	1 433 280,233	23,002	22,542							
42	57	93 219	61 377,341	1 370 969,053	22,337	21,877							
43	58	92 705	60 434,205	1 309 591,713	21,670	21,210							
44	59	92 131	59 465,603	1 249 157,508	21,006	20,546							
45	60	91 514	58 482,239	1 189 691,904	20,343	19,883							
46	61	90 819	57 463,583	1 131 209,665	19,686	19,226							
47	62	90 074	56 427,759	1 073 746,082	19,029	18,569							
48	63	89 247	55 356,407	1 017 318,323	18,378	17,918							
49	64	88 361	54 264,432	961 961,917	17,727	17,267							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	16	99 524	99 523,797	4 707 270,912	47,298	46,838	50	66	86 715	52 726,137	873 880,305	16,574	16,114
1	17	99 124	98 142,181	4 607 747,115	46,950	46,490	51	67	85 629	51 550,459	821 154,167	15,929	15,469
2	18	99 075	97 123,093	4 509 604,934	46,432	45,972	52	68	84 446	50 334,678	769 603,709	15,290	14,830
3	19	99 034	96 121,368	4 412 481,841	45,905	45,445	53	69	83 207	49 105,314	719 269,031	14,647	14,187
4	20	99 000	95 136,783	4 316 360,473	45,370	44,910	54	70	81 869	47 837,200	670 163,717	14,009	13,549
5	21	98 965	94 161,419	4 221 223,690	44,830	44,370	55	71	80 418	46 524,009	622 326,518	13,376	12,916
6	22	98 933	93 199,545	4 127 062,272	44,282	43,822	56	72	78 845	45 162,552	575 802,509	12,750	12,290
7	23	98 901	92 246,330	4 033 862,726	43,729	43,269	57	73	77 137	43 746,799	530 639,957	12,130	11,670
8	24	98 870	91 304,599	3 941 616,397	43,170	42,710	58	74	75 272	42 266,532	486 893,158	11,520	11,060
9	25	98 842	90 374,791	3 850 311,798	42,604	42,144	59	75	73 222	40 708,188	444 626,625	10,922	10,462
10	26	98 812	89 453,282	3 759 937,006	42,032	41,572	60	76	70 967	39 063,892	403 918,437	10,340	9,880
11	27	98 780	88 538,732	3 670 483,724	41,456	40,996	61	77	68 510	37 337,726	364 854,545	9,772	9,312
12	28	98 745	87 631,035	3 581 944,993	40,875	40,415	62	78	65 867	35 541,845	327 516,819	9,215	8,755
13	29	98 709	86 731,812	3 494 313,953	40,289	39,829	63	79	62 990	33 653,117	291 974,974	8,676	8,216
14	30	98 670	85 838,923	3 407 582,141	39,697	39,237	64	80	59 936	31 704,224	258 321,857	8,148	7,688
15	31	98 627	84 952,225	3 321 743,218	39,101	38,641	65	81	56 623	29 655,290	226 617,632	7,642	7,182
16	32	98 580	84 070,741	3 236 790,993	38,501	38,041	66	82	53 116	27 543,228	196 962,343	7,151	6,691
17	33	98 519	83 187,243	3 152 720,252	37,899	37,439	67	83	49 357	25 340,499	169 419,115	6,686	6,226
18	34	98 450	82 305,598	3 069 533,010	37,294	36,834	68	84	45 434	23 095,722	144 078,616	6,238	5,778
19	35	98 360	81 416,857	2 987 227,412	36,691	36,231	69	85	41 342	20 807,201	120 982,893	5,814	5,354
20	36	98 273	80 539,308	2 905 810,555	36,079	35,619	70	86	37 126	18 500,606	100 175,692	5,415	4,955
21	37	98 174	79 661,124	2 825 271,246	35,466	35,006	71	87	32 863	16 213,755	81 675,087	5,037	4,577
22	38	98 068	78 787,706	2 745 610,123	34,848	34,388	72	88	28 573	13 957,954	65 461,332	4,690	4,230
23	39	97 962	77 922,773	2 666 822,416	34,224	33,764	73	89	24 399	11 800,957	51 503,379	4,364	3,904
24	40	97 846	77 059,914	2 588 899,643	33,596	33,136	74	90	20 321	9 731,204	39 702,421	4,080	3,620
25	41	97 722	76 200,399	2 511 839,728	32,964	32,504	75	91	16 594	7 867,625	29 971,217	3,809	3,349
26	42	97 590	75 344,054	2 435 639,329	32,327	31,867	76	92	13 134	6 165,788	22 103,592	3,585	3,125
27	43	97 446	74 488,370	2 360 295,275	31,687	31,227	77	93	10 206	4 743,576	15 937,804	3,360	2,900
28	44	97 285	73 628,711	2 285 806,905	31,045	30,585	78	94	7 713	3 549,180	11 194,228	3,154	2,694
29	45	97 117	72 774,079	2 212 178,194	30,398	29,938	79	95	5 655	2 576,594	7 645,047	2,967	2,507
30	46	96 930	71 914,769	2 139 404,115	29,749	29,289	80	96	4 018	1 812,581	5 068,454	2,796	2,336
31	47	96 732	71 056,911	2 067 489,346	29,096	28,636	81	97	2 762	1 233,744	3 255,873	2,639	2,179
32	48	96 505	70 188,209	1 996 432,435	28,444	27,984	82	98	1 832	810,023	2 022,129	2,496	2,036
33	49	96 263	69 319,388	1 926 244,226	27,788	27,328	83	99	1 170	512,476	1 212,107	2,365	1,905
34	50	95 992	68 439,553	1 856 924,838	27,132	26,672	84	100	720	311,971	699,631	2,243	1,783
35	51	95 704	67 559,025	1 788 485,285	26,473	26,013							
36	52	95 390	66 670,408	1 720 926,261	25,812	25,352							
37	53	95 044	65 771,096	1 654 255,853	25,152	24,692							
38	54	94 669	64 862,506	1 588 484,757	24,490	24,030							
39	55	94 263	63 944,998	1 523 622,250	23,827	23,367							
40	56	93 821	63 015,130	1 459 677,252	23,164	22,704							
41	57	93 347	62 076,129	1 396 662,122	22,499	22,039							
42	58	92 847	61 132,042	1 334 585,993	21,831	21,371							
43	59	92 296	60 167,551	1 273 453,951	21,165	20,705							
44	60	91 696	59 184,805	1 213 286,400	20,500	20,040							
45	61	91 020	58 167,057	1 154 101,595	19,841	19,381							
46	62	90 297	57 133,357	1 095 934,537	19,182	18,722							
47	63	89 505	56 071,833	1 038 801,180	18,526	18,066							
48	64	88 646	54 983,423	982 729,348	17,873	17,413							
49	65	87 712	53 865,620	927 745,925	17,223	16,763							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	17	99 508	99 508,483	4 666 758,006	46,898	46,438
1	18	99 108	98 126,432	4 567 249,522	46,545	46,085
2	19	99 053	97 100,909	4 469 123,090	46,026	45,566
3	20	99 013	96 101,515	4 372 022,182	45,494	45,034
4	21	98 978	95 115,664	4 275 920,667	44,955	44,495
5	22	98 944	94 141,712	4 180 805,003	44,410	43,950
6	23	98 911	93 178,638	4 086 663,292	43,858	43,398
7	24	98 878	92 225,244	3 993 484,654	43,301	42,841
8	25	98 850	91 286,143	3 901 259,410	42,737	42,277
9	26	98 820	90 354,911	3 809 973,267	42,167	41,707
10	27	98 789	89 432,111	3 719 618,356	41,592	41,132
11	28	98 753	88 514,946	3 630 186,245	41,012	40,552
12	29	98 720	87 608,880	3 541 671,299	40,426	39,966
13	30	98 681	86 706,927	3 454 062,419	39,836	39,376
14	31	98 642	85 814,628	3 367 355,492	39,240	38,780
15	32	98 597	84 926,567	3 281 540,864	38,640	38,180
16	33	98 545	84 040,940	3 196 614,296	38,036	37,576
17	34	98 483	83 156,826	3 112 573,357	37,430	36,970
18	35	98 408	82 270,637	3 029 416,530	36,823	36,363
19	36	98 321	81 384,473	2 947 145,894	36,213	35,753
20	37	98 227	80 501,035	2 865 761,421	35,599	35,139
21	38	98 121	79 618,610	2 785 260,386	34,983	34,523
22	39	98 014	78 743,844	2 705 641,776	34,360	33,900
23	40	97 897	77 871,224	2 626 897,932	33,734	33,274
24	41	97 777	77 005,493	2 549 026,708	33,102	32,642
25	42	97 644	76 139,325	2 472 021,215	32,467	32,007
26	43	97 503	75 276,992	2 395 881,890	31,828	31,368
27	44	97 347	74 412,098	2 320 604,899	31,186	30,726
28	45	97 176	73 546,015	2 246 192,801	30,541	30,081
29	46	96 994	72 681,712	2 172 646,786	29,893	29,433
30	47	96 794	71 813,433	2 099 965,074	29,242	28,782
31	48	96 574	70 940,725	2 028 151,641	28,589	28,129
32	49	96 334	70 064,086	1 957 210,916	27,935	27,475
33	50	96 065	69 176,753	1 887 146,830	27,280	26,820
34	51	95 780	68 288,780	1 817 970,078	26,622	26,162
35	52	95 470	67 393,722	1 749 681,297	25,962	25,502
36	53	95 128	66 487,373	1 682 287,575	25,302	24,842
37	54	94 759	65 573,353	1 615 800,203	24,641	24,181
38	55	94 366	64 655,516	1 550 226,850	23,977	23,517
39	56	93 929	63 718,430	1 485 571,334	23,315	22,855
40	57	93 467	62 777,424	1 421 852,904	22,649	22,189
41	58	92 974	61 828,038	1 359 075,480	21,982	21,522
42	59	92 437	60 862,309	1 297 247,442	21,314	20,854
43	60	91 860	59 883,438	1 236 385,133	20,647	20,187
44	61	91 202	58 865,837	1 176 501,695	19,986	19,526
45	62	90 497	57 832,788	1 117 635,858	19,325	18,865
46	63	89 727	56 772,980	1 059 803,069	18,667	18,207
47	64	88 902	55 694,028	1 003 030,089	18,010	17,550
48	65	87 994	54 579,327	947 336,061	17,357	16,897
49	66	87 027	53 444,937	892 756,734	16,704	16,244
50	67	85 973	52 275,104	839 311,797	16,056	15,596
51	68	84 847	51 079,684	787 036,693	15,408	14,948
52	69	83 626	49 845,896	735 957,009	14,765	14,305
53	70	82 323	48 583,741	686 111,112	14,122	13,662
54	71	80 919	47 282,062	637 527,371	13,483	13,024
55	72	79 382	45 924,910	590 245,309	12,852	12,392
56	73	77 704	44 508,701	544 320,399	12,230	11,770
57	74	75 883	43 035,424	499 811,698	11,614	11,154
58	75	73 872	41 480,056	456 776,274	11,012	10,552
59	76	71 651	39 834,675	415 296,218	10,425	9,966
60	77	69 229	38 107,108	375 461,543	9,853	9,393
61	78	66 610	36 302,586	337 354,436	9,293	8,833
62	79	63 754	34 402,080	301 051,850	8,751	8,291
63	80	60 703	32 431,310	266 649,770	8,222	7,762
64	81	57 432	30 380,079	234 218,460	7,710	7,250
65	82	53 928	28 243,984	203 838,381	7,217	6,757
66	83	50 187	26 024,376	175 594,397	6,747	6,287
67	84	46 262	23 751,356	149 570,021	6,297	5,837
68	85	42 149	21 425,539	125 818,665	5,872	5,412
69	86	37 920	19 085,309	104 393,126	5,470	5,010
70	87	33 628	16 757,429	85 307,818	5,091	4,631
71	88	29 304	14 457,941	68 550,389	4,741	4,281
72	89	25 079	12 251,075	54 092,448	4,415	3,955
73	90	20 946	10 130,921	41 841,373	4,130	3,670
74	91	17 176	8 224,857	31 710,451	3,855	3,395
75	92	13 645	6 469,654	23 485,594	3,630	3,170
76	93	10 649	4 999,061	17 015,940	3,404	2,944
77	94	8 091	3 760,457	12 016,879	3,196	2,736
78	95	5 970	2 747,482	8 256,421	3,005	2,545
79	96	4 269	1 945,189	5 508,939	2,832	2,372
80	97	2 954	1 332,782	3 563,750	2,674	2,214
81	98	1 976	882,409	2 230,968	2,528	2,068
82	99	1 273	562,810	1 348,559	2,396	1,936
83	100	789	345,458	785,749	2,275	1,815

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	18	99 493	99 492,515	4 625 056,549	46,486	46,026	50	68	85 188	51 797,712	804 064,720	15,523	15,063
1	19	99 085	98 104,019	4 525 564,034	46,130	45,670	51	69	84 023	50 583,668	752 267,008	14,872	14,412
2	20	99 032	97 080,854	4 427 460,016	45,606	45,146	52	70	82 738	49 316,457	701 683,339	14,228	13,768
3	21	98 992	96 080,181	4 330 379,162	45,070	44,610	53	71	81 368	48 019,940	652 366,882	13,585	13,125
4	22	98 957	95 095,757	4 234 298,981	44,527	44,067	54	72	79 877	46 673,202	604 346,942	12,948	12,488
5	23	98 922	94 120,593	4 139 203,224	43,978	43,518	55	73	78 233	45 260,022	557 673,740	12,322	11,862
6	24	98 888	93 157,339	4 045 082,631	43,422	42,962	56	74	76 440	43 784,936	512 413,718	11,703	11,243
7	25	98 858	92 206,602	3 951 925,292	42,859	42,399	57	75	74 471	42 234,641	468 628,782	11,096	10,636
8	26	98 828	91 266,062	3 859 718,691	42,291	41,831	58	76	72 287	40 589,980	426 394,141	10,505	10,045
9	27	98 796	90 333,527	3 768 452,629	41,717	41,257	59	77	69 896	38 859,011	385 804,161	9,928	9,468
10	28	98 762	89 408,086	3 678 119,102	41,139	40,679	60	78	67 310	37 050,637	346 945,150	9,364	8,904
11	29	98 728	88 492,563	3 588 711,016	40,554	40,094	61	79	64 474	35 138,426	309 894,513	8,819	8,359
12	30	98 692	87 583,743	3 500 218,453	39,964	39,504	62	80	61 440	33 153,080	274 756,087	8,287	7,828
13	31	98 653	86 682,387	3 412 634,710	39,369	38,909	63	81	58 168	31 076,797	241 603,007	7,774	7,314
14	32	98 612	85 788,709	3 325 952,323	38,769	38,309	64	82	54 699	28 934,280	210 526,210	7,276	6,816
15	33	98 562	84 896,463	3 240 163,614	38,166	37,706	65	83	50 954	26 686,489	181 591,929	6,805	6,345
16	34	98 509	84 010,212	3 155 267,151	37,558	37,098	66	84	47 040	24 392,346	154 905,440	6,351	5,891
17	35	98 441	83 121,503	3 071 256,939	36,949	36,489	67	85	42 916	22 033,760	130 513,094	5,923	5,463
18	36	98 369	82 237,913	2 988 135,436	36,335	35,875	68	86	38 661	19 652,476	108 479,334	5,520	5,060
19	37	98 275	81 345,798	2 905 897,523	35,723	35,263	69	87	34 348	17 287,039	88 826,858	5,138	4,678
20	38	98 174	80 458,073	2 824 551,725	35,106	34,646	70	88	29 987	14 942,740	71 539,818	4,788	4,328
21	39	98 067	79 574,285	2 744 093,652	34,485	34,025	71	89	25 720	12 689,921	56 597,078	4,460	4,000
22	40	97 949	78 691,751	2 664 519,367	33,860	33,400	72	90	21 530	10 517,340	43 907,157	4,175	3,715
23	41	97 828	77 816,229	2 585 827,616	33,230	32,770	73	91	17 704	8 562,700	33 389,817	3,899	3,439
24	42	97 698	76 943,773	2 508 011,387	32,595	32,135	74	92	14 124	6 763,411	24 827,118	3,671	3,211
25	43	97 557	76 071,555	2 431 067,614	31,958	31,498	75	93	11 063	5 245,428	18 063,707	3,444	2,984
26	44	97 403	75 199,913	2 354 996,059	31,316	30,856	76	94	8 442	3 962,993	12 818,279	3,234	2,775
27	45	97 237	74 328,522	2 279 796,147	30,672	30,212	77	95	6 263	2 911,035	8 855,286	3,042	2,582
28	46	97 052	73 452,668	2 205 467,625	30,026	29,566	78	96	4 507	2 074,200	5 944,251	2,866	2,406
29	47	96 857	72 579,295	2 132 014,957	29,375	28,915	79	97	3 139	1 430,288	3 870,051	2,706	2,246
30	48	96 635	71 696,010	2 059 435,662	28,725	28,265	80	98	2 113	953,244	2 439,762	2,559	2,099
31	49	96 403	70 815,271	1 987 739,652	28,069	27,609	81	99	1 373	613,105	1 486,518	2,425	1,965
32	50	96 136	69 919,918	1 916 924,381	27,416	26,956	82	100	858	379,389	873,413	2,302	1,842
33	51	95 853	69 024,356	1 847 004,463	26,759	26,299							
34	52	95 546	68 121,692	1 777 980,106	26,100	25,640							
35	53	95 208	67 208,701	1 709 858,414	25,441	24,981							
36	54	94 842	66 287,475	1 642 649,713	24,781	24,321							
37	55	94 456	65 364,094	1 576 362,238	24,117	23,657							
38	56	94 032	64 426,431	1 510 998,144	23,453	22,993							
39	57	93 574	63 478,071	1 446 571,714	22,789	22,329							
40	58	93 093	62 526,530	1 383 093,642	22,120	21,660							
41	59	92 564	61 555,233	1 320 567,112	21,453	20,993							
42	60	92 001	60 574,916	1 259 011,879	20,784	20,324							
43	61	91 365	59 560,705	1 198 436,963	20,121	19,661							
44	62	90 678	58 527,553	1 138 876,258	19,459	18,999							
45	63	89 927	57 468,000	1 080 348,705	18,799	18,339							
46	64	89 123	56 390,452	1 022 880,706	18,139	17,679							
47	65	88 249	55 284,710	966 490,254	17,482	17,022							
48	66	87 307	54 153,069	911 205,544	16,826	16,366							
49	67	86 283	52 987,755	857 052,475	16,175	15,715							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	19	99 470	99 469,790	4 582 197,520	46,066	45,606	50	69	84 361	51 294,724	768 201,946	14,976	14,516
1	20	99 065	98 083,756	4 482 727,731	45,703	45,243	51	70	83 131	50 046,393	716 907,222	14,325	13,865
2	21	99 010	97 059,303	4 384 643,974	45,175	44,715	52	71	81 778	48 744,154	666 860,829	13,681	13,221
3	22	98 971	96 060,073	4 287 584,672	44,634	44,174	53	72	80 320	47 401,578	618 116,675	13,040	12,580
4	23	98 935	95 074,424	4 191 524,599	44,087	43,627	54	73	78 721	45 997,480	570 715,097	12,408	11,948
5	24	98 899	94 099,079	4 096 450,175	43,533	43,073	55	74	76 961	44 524,040	524 717,617	11,785	11,325
6	25	98 868	93 138,508	4 002 351,096	42,972	42,512	56	75	75 018	42 970,206	480 193,577	11,175	10,715
7	26	98 836	92 186,318	3 909 212,588	42,406	41,946	57	76	72 873	41 328,373	437 223,371	10,579	10,119
8	27	98 805	91 244,462	3 817 026,270	41,833	41,373	58	77	70 516	39 595,817	395 894,998	9,998	9,538
9	28	98 770	90 309,259	3 725 781,807	41,256	40,796	59	78	67 958	37 781,696	356 299,181	9,430	8,970
10	29	98 737	89 385,477	3 635 472,549	40,672	40,212	60	79	65 151	35 862,488	318 517,486	8,882	8,422
11	30	98 700	88 467,173	3 546 087,072	40,084	39,624	61	80	62 133	33 862,693	282 654,998	8,347	7,887
12	31	98 664	87 558,954	3 457 619,899	39,489	39,029	62	81	58 874	31 768,423	248 792,305	7,831	7,371
13	32	98 623	86 656,206	3 370 060,945	38,890	38,430	63	82	55 400	29 597,842	217 023,883	7,332	6,872
14	33	98 577	85 758,300	3 283 404,738	38,287	37,827	64	83	51 683	27 338,720	187 426,041	6,856	6,396
15	34	98 526	84 865,422	3 197 646,439	37,679	37,219	65	84	47 759	25 012,937	160 087,321	6,400	5,940
16	35	98 467	83 974,526	3 112 781,017	37,068	36,608	66	85	43 638	22 628,396	135 074,384	5,969	5,509
17	36	98 402	83 088,441	3 028 806,491	36,453	35,993	67	86	39 365	20 210,364	112 445,988	5,564	5,104
18	37	98 322	82 198,832	2 945 718,049	35,836	35,377	68	87	35 018	17 800,767	92 235,624	5,182	4,722
19	38	98 222	81 302,385	2 863 519,217	35,221	34,761	69	88	30 628	15 414,998	74 434,857	4,829	4,369
20	39	98 119	80 413,281	2 782 216,832	34,599	34,139	70	89	26 320	13 115,435	59 019,858	4,500	4,040
21	40	98 002	79 521,643	2 701 803,551	33,976	33,516	71	90	22 080	10 894,082	45 904,423	4,214	3,754
22	41	97 880	78 636,177	2 622 281,909	33,347	32,887	72	91	18 197	8 889,302	35 010,342	3,938	3,479
23	42	97 749	77 753,860	2 543 645,732	32,714	32,254	73	92	14 558	7 041,223	26 121,039	3,710	3,250
24	43	97 611	76 875,287	2 465 891,872	32,077	31,617	74	93	11 451	5 483,598	19 079,816	3,479	3,019
25	44	97 457	75 993,662	2 389 016,586	31,437	30,977	75	94	8 770	4 158,299	13 596,218	3,270	2,810
26	45	97 294	75 115,452	2 313 022,924	30,793	30,333	76	95	6 535	3 067,821	9 437,919	3,076	2,616
27	46	97 114	74 234,181	2 237 907,472	30,147	29,687	77	96	4 728	2 197,674	6 370,097	2,899	2,439
28	47	96 916	73 349,165	2 163 673,291	29,498	29,038	78	97	3 314	1 525,150	4 172,423	2,736	2,276
29	48	96 699	72 460,619	2 090 324,126	28,848	28,388	79	98	2 245	1 022,983	2 647,273	2,588	2,128
30	49	96 464	71 569,221	2 017 863,506	28,195	27,735	80	99	1 468	662,322	1 624,290	2,452	1,992
31	50	96 204	70 669,558	1 946 294,286	27,541	27,081	81	100	925	413,292	961,968	2,328	1,868
32	51	95 924	69 765,885	1 875 624,728	26,885	26,425							
33	52	95 619	68 855,468	1 805 858,843	26,227	25,767							
34	53	95 284	67 934,673	1 737 003,375	25,569	25,109							
35	54	94 922	67 006,635	1 669 068,702	24,909	24,449							
36	55	94 539	66 075,937	1 602 062,067	24,246	23,786							
37	56	94 121	65 132,498	1 535 986,129	23,582	23,123							
38	57	93 677	64 183,401	1 470 853,631	22,916	22,456							
39	58	93 200	63 224,377	1 406 670,231	22,249	21,789							
40	59	92 683	62 250,644	1 343 445,854	21,581	21,121							
41	60	92 127	61 264,568	1 281 195,210	20,912	20,453							
42	61	91 505	60 248,456	1 219 930,642	20,248	19,788							
43	62	90 840	59 218,427	1 159 682,186	19,583	19,123							
44	63	90 106	58 158,382	1 100 463,759	18,922	18,462							
45	64	89 321	57 080,788	1 042 305,377	18,260	17,800							
46	65	88 468	55 976,015	985 224,588	17,601	17,141							
47	66	87 560	54 852,943	929 248,574	16,941	16,481							
48	67	86 560	53 689,830	874 395,630	16,286	15,826							
49	68	85 495	52 503,854	820 705,800	15,631	15,171							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$
0	20	99 449	99 449,245	4 538 217,133	45,633	45,174	50	70	83 465	50 749,896	731 784,960	14,419	13,959
1	21	99 043	98 061,983	4 438 767,888	45,265	44,805	51	71	82 166	49 465,619	681 035,064	13,768	13,308
2	22	98 989	97 038,989	4 340 705,905	44,732	44,272	52	72	80 724	48 116,466	631 569,446	13,126	12,666
3	23	98 949	96 038,523	4 243 666,916	44,187	43,727	53	73	79 157	46 715,311	583 452,980	12,490	12,030
4	24	98 912	95 052,692	4 147 628,393	43,635	43,175	54	74	77 440	45 249,506	536 737,669	11,862	11,402
5	25	98 879	94 080,058	4 052 575,701	43,076	42,616	55	75	75 529	43 695,557	491 488,163	11,248	10,788
6	26	98 847	93 118,020	3 958 495,643	42,511	42,051	56	76	73 408	42 048,154	447 792,605	10,650	10,190
7	27	98 813	92 164,501	3 865 377,623	41,940	41,480	57	77	71 088	40 316,125	405 744,451	10,064	9,604
8	28	98 778	91 219,950	3 773 213,123	41,364	40,904	58	78	68 561	38 498,074	365 428,327	9,492	9,032
9	29	98 745	90 286,422	3 681 993,173	40,781	40,321	59	79	65 779	36 570,102	326 930,252	8,940	8,480
10	30	98 709	89 359,830	3 591 706,751	40,194	39,734	60	80	62 786	34 560,467	290 360,150	8,402	7,942
11	31	98 672	88 442,134	3 502 346,920	39,600	39,140	61	81	59 538	32 448,398	255 799,683	7,883	7,423
12	32	98 634	87 532,509	3 413 904,787	39,002	38,542	62	82	56 072	30 256,552	223 351,285	7,382	6,922
13	33	98 588	86 625,489	3 326 372,277	38,399	37,939	63	83	52 345	27 965,689	193 094,733	6,905	6,445
14	34	98 541	85 726,943	3 239 746,788	37,791	37,331	64	84	48 442	25 624,265	165 129,044	6,444	5,984
15	35	98 484	84 829,373	3 154 019,845	37,181	36,721	65	85	44 305	23 204,109	139 504,779	6,012	5,552
16	36	98 428	83 941,125	3 069 190,472	36,564	36,104	66	86	40 027	20 755,791	116 300,670	5,603	5,143
17	37	98 355	83 048,957	2 985 249,347	35,946	35,486	67	87	35 656	18 306,089	95 544,879	5,219	4,759
18	38	98 269	82 154,964	2 902 200,390	35,326	34,866	68	88	31 226	15 873,094	77 238,789	4,866	4,406
19	39	98 167	81 257,123	2 820 045,426	34,705	34,245	69	89	26 883	13 529,942	61 365,696	4,536	4,076
20	40	98 055	80 360,083	2 738 788,303	34,081	33,621	70	90	22 595	11 259,378	47 835,753	4,249	3,789
21	41	97 933	79 465,482	2 658 428,220	33,454	32,994	71	91	18 663	9 207,726	36 576,375	3,972	3,512
22	42	97 801	78 573,150	2 578 962,738	32,822	32,362	72	92	14 964	7 309,793	27 368,649	3,744	3,284
23	43	97 662	77 684,652	2 500 389,587	32,186	31,726	73	93	11 803	5 708,841	20 058,856	3,514	3,054
24	44	97 511	76 796,571	2 422 704,935	31,547	31,087	74	94	9 078	4 347,108	14 350,014	3,301	2,841
25	45	97 347	75 908,309	2 345 908,364	30,905	30,445	75	95	6 789	3 219,012	10 002,906	3,107	2,647
26	46	97 170	75 020,113	2 270 000,055	30,259	29,799	76	96	4 934	2 316,039	6 783,895	2,929	2,469
27	47	96 977	74 129,577	2 194 979,943	29,610	29,150	77	97	3 477	1 615,940	4 467,856	2,765	2,305
28	48	96 757	73 229,230	2 120 850,365	28,962	28,502	78	98	2 370	1 090,831	2 851,916	2,614	2,154
29	49	96 528	72 332,478	2 047 621,135	28,308	27,848	79	99	1 560	710,777	1 761,085	2,478	2,018
30	50	96 266	71 421,956	1 975 288,657	27,657	27,197	80	100	990	446,469	1 050,307	2,352	1,892
31	51	95 992	70 513,873	1 903 866,701	27,000	26,540							
32	52	95 689	69 595,182	1 833 352,828	26,343	25,883							
33	53	95 356	68 666,434	1 763 757,645	25,686	25,226							
34	54	94 997	67 730,424	1 695 091,211	25,027	24,567							
35	55	94 619	66 792,802	1 627 360,787	24,364	23,904							
36	56	94 204	65 841,819	1 560 567,985	23,702	23,242							
37	57	93 766	64 886,805	1 494 726,165	23,036	22,576							
38	58	93 303	63 926,888	1 429 839,361	22,367	21,907							
39	59	92 789	62 945,412	1 365 912,473	21,700	21,240							
40	60	92 245	61 956,695	1 302 967,061	21,030	20,570							
41	61	91 630	60 934,392	1 241 010,366	20,366	19,906							
42	62	90 979	59 902,226	1 180 075,975	19,700	19,240							
43	63	90 267	58 844,898	1 120 173,749	19,036	18,576							
44	64	89 499	57 766,519	1 061 328,851	18,373	17,913							
45	65	88 664	56 661,278	1 003 562,332	17,712	17,252							
46	66	87 777	55 538,849	946 901,054	17,049	16,589							
47	67	86 811	54 383,717	891 362,204	16,390	15,930							
48	68	85 770	53 199,518	836 978,487	15,733	15,273							
49	69	84 664	51 994,009	783 778,969	15,074	14,614							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	21	99 427	99 427,169	4 493 141,404	45,190	44,730	50	71	82 496	50 160,957	694 890,831	13,853	13,393
1	22	99 022	98 041,459	4 393 714,235	44,815	44,355	51	72	81 108	48 828,640	644 729,874	13,204	12,744
2	23	98 967	97 017,220	4 295 672,776	44,277	43,817	52	73	79 556	47 419,849	595 901,234	12,566	12,107
3	24	98 926	96 016,571	4 198 655,556	43,728	43,268	53	74	77 870	45 955,664	548 481,385	11,935	11,475
4	25	98 892	95 033,478	4 102 638,985	43,170	42,710	54	75	76 000	44 407,524	502 525,720	11,316	10,856
5	26	98 857	94 059,362	4 007 605,507	42,607	42,147	55	76	73 908	42 757,941	458 118,196	10,714	10,254
6	27	98 823	93 095,982	3 913 546,145	42,038	41,578	56	77	71 610	41 018,277	415 360,255	10,126	9,666
7	28	98 786	92 139,741	3 820 450,163	41,464	41,004	57	78	69 117	39 198,412	374 341,979	9,550	9,090
8	29	98 753	91 196,883	3 728 310,422	40,882	40,422	58	79	66 363	37 263,508	335 143,567	8,994	8,534
9	30	98 717	90 260,517	3 637 113,539	40,296	39,836	59	80	63 391	35 242,391	297 880,058	8,452	7,992
10	31	98 681	89 334,539	3 546 853,022	39,703	39,243	60	81	60 164	33 117,029	262 637,667	7,931	7,471
11	32	98 642	88 415,422	3 457 518,483	39,105	38,645	61	82	56 705	30 904,167	229 520,638	7,427	6,967
12	33	98 599	87 501,481	3 369 103,061	38,503	38,043	62	83	52 980	28 588,076	198 616,471	6,948	6,488
13	34	98 552	86 593,816	3 281 601,580	37,896	37,437	63	84	49 062	26 211,916	170 028,396	6,487	6,027
14	35	98 499	85 690,529	3 195 007,764	37,285	36,825	64	85	44 939	23 771,228	143 816,479	6,050	5,590
15	36	98 445	84 795,632	3 109 317,235	36,668	36,208	65	86	40 639	21 283,861	120 045,251	5,640	5,180
16	37	98 381	83 901,235	3 024 521,603	36,049	35,589	66	87	36 255	18 800,125	98 761,390	5,253	4,793
17	38	98 303	83 004,635	2 940 620,369	35,427	34,967	67	88	31 794	16 323,694	79 961,265	4,898	4,438
18	39	98 215	82 109,227	2 857 615,734	34,803	34,343	68	89	27 407	13 932,018	63 637,571	4,568	4,108
19	40	98 103	81 203,367	2 775 506,507	34,180	33,720	69	90	23 078	11 615,226	49 705,553	4,279	3,819
20	41	97 985	80 303,331	2 694 303,140	33,552	33,092	70	91	19 097	9 516,477	38 090,327	4,003	3,543
21	42	97 854	79 401,791	2 613 999,809	32,921	32,461	71	92	15 346	7 571,637	28 573,851	3,774	3,314
22	43	97 714	78 503,213	2 534 598,018	32,287	31,827	72	93	12 132	5 926,591	21 002,213	3,544	3,084
23	44	97 562	77 605,108	2 456 094,804	31,649	31,189	73	94	9 357	4 525,669	15 075,623	3,331	2,871
24	45	97 402	76 710,316	2 378 489,696	31,006	30,546	74	95	7 027	3 365,172	10 549,954	3,135	2,675
25	46	97 224	75 811,964	2 301 779,380	30,362	29,902	75	96	5 126	2 430,180	7 184,782	2,956	2,497
26	47	97 033	74 914,401	2 225 967,416	29,713	29,253	76	97	3 628	1 702,973	4 754,602	2,792	2,332
27	48	96 818	74 008,367	2 151 053,015	29,065	28,605	77	98	2 487	1 155,767	3 051,629	2,640	2,180
28	49	96 586	73 099,730	2 077 044,648	28,414	27,954	78	99	1 647	757,919	1 895,863	2,501	2,041
29	50	96 329	72 183,643	2 003 944,919	27,762	27,302	79	100	1 052	479,133	1 137,944	2,375	1,915
30	51	96 054	71 264,614	1 931 761,276	27,107	26,647							
31	52	95 758	70 341,340	1 860 496,662	26,450	25,990							
32	53	95 427	69 404,118	1 790 155,322	25,793	25,333							
33	54	95 070	68 459,986	1 720 751,204	25,135	24,675							
34	55	94 694	67 514,281	1 652 291,218	24,473	24,013							
35	56	94 284	66 556,144	1 584 776,937	23,811	23,351							
36	57	93 849	65 593,451	1 518 220,793	23,146	22,686							
37	58	93 392	64 627,480	1 452 627,342	22,477	22,017							
38	59	92 891	63 644,823	1 387 999,862	21,809	21,349							
39	60	92 351	62 648,182	1 324 355,039	21,140	20,680							
40	61	91 748	61 622,788	1 261 706,857	20,475	20,015							
41	62	91 104	60 584,219	1 200 084,069	19,809	19,349							
42	63	90 405	59 524,384	1 139 499,849	19,143	18,683							
43	64	89 659	58 448,410	1 079 975,466	18,477	18,017							
44	65	88 841	57 341,969	1 021 527,056	17,815	17,355							
45	66	87 972	56 218,761	964 185,087	17,151	16,691							
46	67	87 026	55 063,756	907 966,327	16,489	16,029							
47	68	86 018	53 887,068	852 902,571	15,828	15,368							
48	69	84 937	52 682,917	799 015,502	15,167	14,707							
49	70	83 765	51 441,754	746 332,585	14,508	14,048							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	22	99 406	99 406,360	4 446 998,786	44,736	44,276	50	72	81 434	49 515,025	657 598,189	13,281	12,821
1	23	99 000	98 019,466	4 347 592,426	44,354	43,894	51	73	79 934	48 121,713	608 083,164	12,636	12,176
2	24	98 945	96 995,044	4 249 572,961	43,812	43,352	52	74	78 262	46 648,746	559 961,452	12,004	11,544
3	25	98 906	95 997,162	4 152 577,917	43,257	42,797	53	75	76 421	45 100,542	513 312,706	11,382	10,922
4	26	98 870	95 012,573	4 056 580,754	42,695	42,235	54	76	74 369	43 454,631	468 212,164	10,775	10,315
5	27	98 834	94 037,101	3 961 568,182	42,128	41,668	55	77	72 098	41 710,679	424 757,533	10,183	9,723
6	28	98 797	93 070,972	3 867 531,080	41,555	41,095	56	78	69 625	39 881,098	383 046,855	9,605	9,145
7	29	98 761	92 116,441	3 774 460,108	40,975	40,515	57	79	66 901	37 941,387	343 165,757	9,045	8,585
8	30	98 725	91 170,717	3 682 343,667	40,390	39,930	58	80	63 953	35 910,622	305 224,369	8,500	8,040
9	31	98 689	90 234,971	3 591 172,950	39,798	39,338	59	81	60 743	33 770,472	269 313,747	7,975	7,515
10	32	98 651	89 307,557	3 500 937,980	39,201	38,741	60	82	57 300	31 540,978	235 543,275	7,468	7,008
11	33	98 607	88 384,081	3 411 630,422	38,600	38,140	61	83	53 578	29 199,978	204 002,297	6,986	6,526
12	34	98 563	87 469,488	3 323 246,341	37,993	37,533	62	84	49 657	26 795,272	174 802,319	6,524	6,064
13	35	98 510	86 557,033	3 235 776,854	37,383	36,923	63	85	45 514	24 316,383	148 007,047	6,087	5,627
14	36	98 460	85 656,445	3 149 219,821	36,766	36,306	64	86	41 220	21 804,049	123 690,664	5,673	5,213
15	37	98 398	84 755,336	3 063 563,376	36,146	35,686	65	87	36 810	19 278,439	101 886,615	5,285	4,825
16	38	98 328	83 856,458	2 978 808,040	35,523	35,063	66	88	32 329	16 764,230	82 608,176	4,928	4,468
17	39	98 248	82 958,425	2 894 951,582	34,896	34,436	67	89	27 906	14 327,516	65 843,947	4,596	4,136
18	40	98 150	82 054,908	2 811 993,157	34,270	33,810	68	90	23 529	11 960,401	51 516,431	4,307	3,847
19	41	98 033	81 146,019	2 729 938,249	33,642	33,182	69	91	19 506	9 817,240	39 556,030	4,029	3,569
20	42	97 907	80 238,968	2 648 792,230	33,011	32,551	70	92	15 704	7 825,527	29 738,789	3,800	3,340
21	43	97 767	79 331,117	2 568 553,262	32,378	31,918	71	93	12 442	6 138,887	21 913,263	3,570	3,110
22	44	97 614	78 422,831	2 489 222,145	31,741	31,281	72	94	9 618	4 698,289	15 774,375	3,357	2,897
23	45	97 453	77 517,945	2 410 799,314	31,100	30,640	73	95	7 244	3 503,399	11 076,086	3,162	2,702
24	46	97 278	76 612,953	2 333 281,369	30,455	29,995	74	96	5 305	2 540,523	7 572,687	2,981	2,521
25	47	97 087	75 705,137	2 256 668,416	29,809	29,349	75	97	3 769	1 786,900	5 032,165	2,816	2,356
26	48	96 875	74 791,907	2 180 963,280	29,160	28,700	76	98	2 595	1 218,015	3 245,265	2,664	2,204
27	49	96 647	73 877,488	2 106 171,372	28,509	28,049	77	99	1 728	803,036	2 027,250	2,524	2,065
28	50	96 387	72 949,316	2 032 293,884	27,859	27,399	78	100	1 110	510,910	1 224,213	2,396	1,936
29	51	96 117	72 024,623	1 959 344,568	27,204	26,744							
30	52	95 819	71 090,244	1 887 319,946	26,548	26,088							
31	53	95 495	70 148,227	1 816 229,702	25,891	25,431							
32	54	95 140	69 195,451	1 746 081,475	25,234	24,774							
33	55	94 766	68 241,515	1 676 886,023	24,573	24,113							
34	56	94 358	67 275,067	1 608 644,508	23,911	23,451							
35	57	93 928	66 305,081	1 541 369,441	23,247	22,787							
36	58	93 474	65 331,302	1 475 064,361	22,578	22,118							
37	59	92 980	64 342,324	1 409 733,059	21,910	21,450							
38	60	92 453	63 344,290	1 345 390,735	21,239	20,779							
39	61	91 853	62 310,549	1 282 046,444	20,575	20,115							
40	62	91 221	61 268,660	1 219 735,896	19,908	19,448							
41	63	90 529	60 202,076	1 158 467,235	19,243	18,783							
42	64	89 796	59 123,317	1 098 265,160	18,576	18,116							
43	65	89 000	58 018,848	1 039 141,843	17,910	17,450							
44	66	88 147	56 894,135	981 122,995	17,245	16,785							
45	67	87 219	55 737,851	924 228,859	16,582	16,122							
46	68	86 231	54 560,897	868 491,009	15,918	15,458							
47	69	85 183	53 363,791	813 930,112	15,252	14,792							
48	70	84 035	52 123,345	760 566,321	14,592	14,132							
49	71	82 793	50 844,787	708 442,976	13,933	13,473							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	23	99 384	99 384,060	4 399 813,480	44,271	43,811
1	24	98 977	97 997,060	4 300 429,420	43,883	43,423
2	25	98 925	96 975,438	4 202 432,360	43,335	42,875
3	26	98 884	95 976,045	4 105 456,922	42,776	42,316
4	27	98 847	94 990,087	4 009 480,877	42,209	41,749
5	28	98 807	94 011,838	3 914 490,791	41,638	41,178
6	29	98 772	93 047,437	3 820 478,952	41,059	40,599
7	30	98 733	92 090,011	3 727 431,516	40,476	40,016
8	31	98 697	91 144,912	3 635 341,504	39,885	39,425
9	32	98 659	90 207,717	3 544 196,592	39,289	38,829
10	33	98 616	89 275,900	3 453 988,875	38,689	38,229
11	34	98 571	88 351,765	3 364 712,974	38,083	37,623
12	35	98 521	87 432,333	3 276 361,210	37,473	37,013
13	36	98 471	86 522,604	3 188 928,877	36,857	36,397
14	37	98 413	85 615,740	3 102 406,272	36,236	35,776
15	38	98 346	84 710,103	3 016 790,533	35,613	35,153
16	39	98 274	83 809,774	2 932 080,429	34,985	34,525
17	40	98 183	82 903,544	2 848 270,655	34,356	33,896
18	41	98 080	81 996,959	2 765 367,112	33,725	33,265
19	42	97 955	81 080,981	2 683 370,153	33,095	32,635
20	43	97 820	80 167,549	2 602 289,172	32,461	32,001
21	44	97 667	79 249,886	2 522 121,624	31,825	31,365
22	45	97 505	78 334,750	2 442 871,737	31,185	30,725
23	46	97 329	77 419,557	2 364 536,987	30,542	30,082
24	47	97 141	76 504,997	2 287 117,430	29,895	29,435
25	48	96 928	75 581,350	2 210 612,433	29,248	28,788
26	49	96 703	74 659,643	2 135 031,084	28,597	28,137
27	50	96 448	73 725,474	2 060 371,441	27,947	27,487
28	51	96 175	72 788,609	1 986 645,966	27,293	26,833
29	52	95 882	71 848,393	1 913 857,358	26,637	26,177
30	53	95 556	70 895,075	1 842 008,965	25,982	25,522
31	54	95 208	69 937,324	1 771 113,890	25,324	24,864
32	55	94 836	68 974,633	1 701 176,566	24,664	24,204
33	56	94 431	67 999,724	1 632 201,933	24,003	23,543
34	57	94 003	67 021,292	1 564 202,209	23,339	22,879
35	58	93 553	66 040,088	1 497 180,917	22,671	22,211
36	59	93 062	65 043,040	1 431 140,829	22,003	21,543
37	60	92 541	64 038,498	1 366 097,789	21,332	20,872
38	61	91 954	63 002,905	1 302 059,291	20,667	20,207
39	62	91 326	61 952,468	1 239 056,385	20,000	19,540
40	63	90 645	60 882,199	1 177 103,917	19,334	18,874
41	64	89 919	59 796,443	1 116 221,718	18,667	18,207
42	65	89 136	58 688,795	1 056 425,275	18,000	17,540
43	66	88 305	57 565,728	997 736,480	17,332	16,872
44	67	87 393	56 407,448	940 170,752	16,667	16,208
45	68	86 423	55 228,836	883 763,304	16,002	15,542
46	69	85 394	54 031,076	828 534,468	15,334	14,874
47	70	84 278	52 796,987	774 503,392	14,669	14,209
48	71	83 059	51 518,468	721 706,405	14,009	13,549
49	72	81 727	50 190,048	670 187,937	13,353	12,893

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
50	73	80 255	48 798,160	619 997,889	12,705	12,245
51	74	78 634	47 339,196	571 199,729	12,066	11,606
52	75	76 806	45 780,727	523 860,532	11,443	10,983
53	76	74 781	44 132,778	478 079,805	10,833	10,373
54	77	72 547	42 390,304	433 947,027	10,237	9,777
55	78	70 099	40 554,304	391 556,723	9,655	9,195
56	79	67 392	38 602,181	351 002,419	9,093	8,633
57	80	64 472	36 563,890	312 400,238	8,544	8,084
58	81	61 282	34 410,794	275 836,348	8,016	7,556
59	82	57 852	32 163,324	241 425,554	7,506	7,046
60	83	54 141	29 801,673	209 262,231	7,022	6,562
61	84	50 218	27 368,801	179 460,558	6,557	6,097
62	85	46 066	24 857,553	152 091,757	6,119	5,659
63	86	41 748	22 304,090	127 234,204	5,705	5,245
64	87	37 336	19 749,613	104 930,114	5,313	4,853
65	88	32 823	17 190,746	85 180,501	4,955	4,495
66	89	28 376	14 714,180	67 989,756	4,621	4,161
67	90	23 957	12 299,929	53 275,576	4,331	3,871
68	91	19 887	10 108,984	40 975,647	4,053	3,593
69	92	16 040	8 072,849	30 866,663	3,824	3,364
70	93	12 732	6 344,734	22 793,814	3,593	3,133
71	94	9 864	4 866,587	16 449,079	3,380	2,920
72	95	7 445	3 637,027	11 582,493	3,185	2,725
73	96	5 468	2 644,877	7 945,465	3,004	2,544
74	97	3 901	1 868,035	5 300,589	2,838	2,378
75	98	2 696	1 278,042	3 432,554	2,686	2,226
76	99	1 803	846,287	2 154,512	2,546	2,086
77	100	1 165	541,324	1 308,225	2,417	1,957

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	24	99 361	99 361,342	4 351 611,053	43,796	43,336	50	74	78 950	48 004,644	582 194,263	12,128	11,668
1	25	98 957	97 977,251	4 252 249,710	43,400	42,940	51	75	77 171	46 458,330	534 189,619	11,498	11,038
2	26	98 903	96 954,105	4 154 272,459	42,848	42,388	52	76	75 158	44 798,367	487 731,289	10,887	10,427
3	27	98 861	95 953,331	4 057 318,354	42,284	41,824	53	77	72 950	43 051,842	442 932,922	10,288	9,828
4	28	98 821	94 964,568	3 961 365,023	41,714	41,254	54	78	70 536	41 215,088	399 881,080	9,702	9,242
5	29	98 782	93 988,065	3 866 400,456	41,137	40,677	55	79	67 851	39 253,798	358 665,992	9,137	8,677
6	30	98 743	93 020,740	3 772 412,390	40,555	40,095	56	80	64 945	37 200,693	319 412,194	8,586	8,126
7	31	98 705	92 063,947	3 679 391,651	39,966	39,506	57	81	61 779	35 036,778	282 211,501	8,055	7,595
8	32	98 667	91 117,384	3 587 327,704	39,370	38,910	58	82	58 366	32 773,172	247 174,723	7,542	7,082
9	33	98 624	90 175,741	3 496 210,319	38,771	38,311	59	83	54 662	30 389,699	214 401,551	7,055	6,595
10	34	98 580	89 243,258	3 406 034,578	38,166	37,706	60	84	50 745	27 932,763	184 011,851	6,588	6,128
11	35	98 529	88 314,235	3 316 791,320	37,557	37,097	61	85	46 586	25 389,607	156 079,089	6,147	5,687
12	36	98 482	87 397,556	3 228 477,085	36,940	36,480	62	86	42 254	22 800,475	130 689,482	5,732	5,272
13	37	98 424	86 481,488	3 141 079,529	36,321	35,861	63	87	37 814	20 202,538	107 889,007	5,340	4,880
14	38	98 361	85 570,048	3 054 598,041	35,697	35,237	64	88	33 293	17 610,896	87 686,468	4,979	4,519
15	39	98 291	84 662,944	2 969 027,993	35,069	34,609	65	89	28 810	15 088,539	70 075,573	4,644	4,184
16	40	98 209	83 754,330	2 884 365,049	34,438	33,978	66	90	24 360	12 631,874	54 987,034	4,353	3,893
17	41	98 114	82 844,995	2 800 610,720	33,805	33,345	67	91	20 249	10 395,955	42 355,160	4,074	3,614
18	42	98 002	81 931,238	2 717 765,725	33,171	32,711	68	92	16 353	8 312,754	31 959,206	3,845	3,385
19	43	97 867	81 008,812	2 635 834,486	32,538	32,078	69	93	13 005	6 545,257	23 646,452	3,613	3,153
20	44	97 719	80 085,462	2 554 825,675	31,901	31,441	70	94	10 094	5 029,771	17 101,195	3,400	2,940
21	45	97 557	79 160,877	2 474 740,213	31,262	30,802	71	95	7 636	3 767,309	12 071,424	3,204	2,744
22	46	97 381	78 235,325	2 395 579,336	30,620	30,160	72	96	5 621	2 745,759	8 304,115	3,024	2,564
23	47	97 192	77 310,464	2 317 344,011	29,975	29,515	73	97	4 021	1 944,766	5 558,356	2,858	2,398
24	48	96 982	76 379,902	2 240 033,547	29,328	28,868	74	98	2 790	1 336,072	3 613,590	2,705	2,245
25	49	96 757	75 447,690	2 163 653,645	28,678	28,218	75	99	1 873	887,994	2 277,518	2,565	2,105
26	50	96 504	74 506,020	2 088 205,955	28,027	27,567	76	100	1 215	570,479	1 389,524	2,436	1,976
27	51	96 236	73 563,057	2 013 699,936	27,374	26,914							
28	52	95 940	72 610,510	1 940 136,879	26,720	26,260							
29	53	95 619	71 651,143	1 867 526,369	26,064	25,604							
30	54	95 269	70 681,926	1 795 875,226	25,408	24,948							
31	55	94 904	69 714,138	1 725 193,300	24,747	24,287							
32	56	94 500	68 730,245	1 655 479,162	24,087	23,627							
33	57	94 074	67 743,215	1 586 748,917	23,423	22,963							
34	58	93 627	66 753,437	1 519 005,702	22,755	22,295							
35	59	93 140	65 748,699	1 452 252,266	22,088	21,628							
36	60	92 622	64 735,905	1 386 503,567	21,418	20,958							
37	61	92 042	63 693,372	1 321 767,661	20,752	20,292							
38	62	91 426	62 640,846	1 258 074,289	20,084	19,624							
39	63	90 749	61 561,694	1 195 433,443	19,418	18,958							
40	64	90 035	60 471,984	1 133 871,749	18,750	18,290							
41	65	89 258	59 356,974	1 073 399,765	18,084	17,624							
42	66	88 440	58 230,443	1 014 042,792	17,414	16,954							
43	67	87 549	57 073,296	955 812,348	16,747	16,287							
44	68	86 595	55 892,318	898 739,052	16,080	15,620							
45	69	85 583	54 692,529	842 846,734	15,411	14,951							
46	70	84 487	53 457,184	788 154,205	14,744	14,284							
47	71	83 300	52 184,292	734 697,021	14,079	13,619							
48	72	81 990	50 855,055	682 512,729	13,421	12,961							
49	73	80 544	49 463,411	631 657,674	12,770	12,310							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	25	99 341	99 341,258	4 302 414,623	43,309	42,849	50	75	77 481	47 111,395	544 297,004	11,553	11,093
1	26	98 935	97 955,699	4 203 073,366	42,908	42,448	51	76	75 515	45 461,430	497 185,608	10,936	10,476
2	27	98 879	96 931,159	4 105 117,667	42,351	41,891	52	77	73 317	43 701,129	451 724,178	10,337	9,877
3	28	98 834	95 927,553	4 008 186,508	41,783	41,323	53	78	70 927	41 858,285	408 023,049	9,748	9,288
4	29	98 796	94 940,554	3 912 258,955	41,207	40,747	54	79	68 274	39 893,392	366 164,763	9,179	8,719
5	30	98 754	93 961,098	3 817 318,401	40,627	40,167	55	80	65 388	37 828,653	326 271,371	8,625	8,165
6	31	98 715	92 994,412	3 723 357,303	40,039	39,579	56	81	62 233	35 646,984	288 442,719	8,092	7,632
7	32	98 675	92 036,141	3 630 362,891	39,445	38,985	57	82	58 839	33 369,366	252 795,734	7,576	7,116
8	33	98 632	91 085,086	3 538 326,750	38,846	38,386	58	83	55 147	30 965,918	219 426,369	7,086	6,626
9	34	98 588	90 142,770	3 447 241,664	38,242	37,782	59	84	51 234	28 483,913	188 460,450	6,616	6,156
10	35	98 538	89 205,350	3 357 098,894	37,633	37,173	60	85	47 076	25 912,785	159 976,537	6,174	5,714
11	36	98 490	88 279,108	3 267 893,545	37,018	36,558	61	86	42 731	23 288,499	134 063,752	5,757	5,297
12	37	98 435	87 356,024	3 179 614,437	36,398	35,938	62	87	38 273	20 652,153	110 775,253	5,364	4,904
13	38	98 371	86 435,334	3 092 258,413	35,775	35,315	63	88	33 719	18 014,773	90 123,100	5,003	4,543
14	39	98 306	85 522,410	3 005 823,080	35,147	34,687	64	89	29 221	15 457,310	72 108,327	4,665	4,205
15	40	98 226	84 606,935	2 920 300,670	34,516	34,056	65	90	24 733	12 953,254	56 651,017	4,373	3,914
16	41	98 139	83 695,180	2 835 693,735	33,881	33,421	66	91	20 589	10 676,515	43 697,763	4,093	3,633
17	42	98 035	82 778,595	2 751 998,554	33,245	32,785	67	92	16 651	8 548,734	33 021,247	3,863	3,403
18	43	97 915	81 858,313	2 669 219,959	32,608	32,148	68	93	13 259	6 739,765	24 472,514	3,631	3,171
19	44	97 767	80 925,864	2 587 361,647	31,972	31,512	69	94	10 309	5 188,735	17 732,749	3,418	2,958
20	45	97 610	79 995,514	2 506 435,783	31,332	30,872	70	95	7 814	3 893,633	12 544,014	3,222	2,762
21	46	97 433	79 060,403	2 426 440,269	30,691	30,231	71	96	5 765	2 844,115	8 650,380	3,042	2,582
22	47	97 244	78 125,083	2 347 379,867	30,046	29,586	72	97	4 133	2 018,944	5 806,266	2,876	2,416
23	48	97 033	77 184,052	2 269 254,784	29,401	28,941	73	98	2 876	1 390,952	3 787,322	2,723	2,263
24	49	96 811	76 244,830	2 192 070,731	28,750	28,290	74	99	1 939	928,314	2 396,369	2,581	2,121
25	50	96 557	75 292,445	2 115 825,901	28,101	27,641	75	100	1 263	598,594	1 468,055	2,453	1,993
26	51	96 292	74 341,883	2 040 533,457	27,448	26,988							
27	52	96 000	73 383,063	1 966 191,574	26,794	26,334							
28	53	95 676	72 411,167	1 892 808,511	26,140	25,680							
29	54	95 331	71 435,720	1 820 397,343	25,483	25,023							
30	55	94 965	70 456,364	1 748 961,623	24,823	24,363							
31	56	94 568	69 467,129	1 678 505,259	24,163	23,703							
32	57	94 144	68 470,980	1 609 038,129	23,500	23,040							
33	58	93 698	67 472,475	1 540 567,149	22,833	22,373							
34	59	93 214	66 458,900	1 473 094,675	22,165	21,706							
35	60	92 700	65 438,232	1 406 635,775	21,496	21,036							
36	61	92 123	64 387,021	1 341 197,542	20,830	20,370							
37	62	91 513	63 327,345	1 276 810,522	20,162	19,702							
38	63	90 849	62 245,730	1 213 483,177	19,495	19,035							
39	64	90 138	61 146,900	1 151 237,447	18,827	18,367							
40	65	89 373	60 027,550	1 090 090,547	18,160	17,700							
41	66	88 561	58 893,403	1 030 062,997	17,490	17,030							
42	67	87 683	57 732,325	971 169,593	16,822	16,362							
43	68	86 750	56 552,085	913 437,269	16,152	15,692							
44	69	85 754	55 349,568	856 885,183	15,481	15,021							
45	70	84 674	54 111,612	801 535,615	14,813	14,353							
46	71	83 506	52 836,828	747 424,003	14,146	13,686							
47	72	82 227	51 512,305	694 587,175	13,484	13,024							
48	73	80 803	50 118,789	643 074,870	12,831	12,371							
49	74	79 234	48 659,077	592 956,081	12,186	11,726							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	49	93 528	56 868,640	1 306 645,105	22,977	22,517
1	0	99 613	98 626,949	5 091 231,885	51,621	51,161	51	50	92 962	55 964,925	1 249 776,465	22,331	21,871
2	1	99 267	97 310,731	4 992 604,936	51,306	50,846	52	51	92 318	55 027,174	1 193 811,540	21,695	21,235
3	2	99 222	96 303,646	4 895 294,205	50,832	50,372	53	52	91 632	54 076,971	1 138 784,366	21,059	20,599
4	3	99 193	95 322,686	4 798 990,559	50,345	49,885	54	53	90 876	53 099,840	1 084 707,395	20,428	19,968
5	4	99 169	94 355,820	4 703 667,873	49,850	49,390	55	54	90 041	52 091,426	1 031 607,555	19,804	19,344
6	5	99 146	93 400,378	4 609 312,053	49,350	48,890	56	55	89 147	51 063,226	979 516,129	19,182	18,722
7	6	99 126	92 456,505	4 515 911,675	48,844	48,384	57	56	88 183	50 011,296	928 452,903	18,565	18,105
8	7	99 109	91 525,580	4 423 455,170	48,330	47,870	58	57	87 144	48 932,488	878 441,607	17,952	17,492
9	8	99 092	90 604,061	4 331 929,590	47,812	47,352	59	58	86 032	47 830,021	829 509,119	17,343	16,883
10	9	99 077	89 693,340	4 241 325,529	47,287	46,827	60	59	84 835	46 697,575	781 679,098	16,739	16,279
11	10	99 062	88 791,225	4 151 632,188	46,757	46,297	61	60	83 557	45 538,698	734 981,523	16,140	15,680
12	11	99 046	87 898,321	4 062 840,963	46,222	45,762	62	61	82 179	44 344,127	689 442,826	15,548	15,088
13	12	99 027	87 011,398	3 974 942,641	45,683	45,223	63	62	80 727	43 129,433	645 098,699	14,957	14,497
14	13	99 008	86 133,411	3 887 931,244	45,138	44,678	64	63	79 204	41 896,558	601 969,266	14,368	13,908
15	14	98 984	85 260,167	3 801 797,833	44,591	44,131	65	64	77 561	40 621,457	560 072,709	13,788	13,328
16	15	98 956	84 391,830	3 716 537,667	44,039	43,579	66	65	75 832	39 322,469	519 451,252	13,210	12,750
17	16	98 918	83 524,061	3 632 145,836	43,486	43,026	67	66	73 995	37 990,107	480 128,783	12,638	12,178
18	17	98 869	82 656,353	3 548 621,776	42,932	42,472	68	67	72 050	36 625,420	442 138,676	12,072	11,612
19	18	98 806	81 785,444	3 465 965,423	42,379	41,919	69	68	70 025	35 243,594	405 513,256	11,506	11,046
20	19	98 735	80 917,628	3 384 179,980	41,823	41,363	70	69	67 893	33 832,109	370 269,662	10,944	10,484
21	20	98 661	80 056,832	3 303 262,351	41,261	40,801	71	70	65 643	32 386,777	336 437,554	10,388	9,928
22	21	98 586	79 203,769	3 223 205,519	40,695	40,235	72	71	63 263	30 903,929	304 050,776	9,839	9,379
23	22	98 513	78 361,499	3 144 001,750	40,122	39,662	73	72	60 756	29 385,149	273 146,848	9,295	8,835
24	23	98 440	77 527,686	3 065 640,251	39,543	39,083	74	73	58 089	27 817,109	243 761,698	8,763	8,303
25	24	98 362	76 699,597	2 988 112,565	38,959	38,499	75	74	55 209	26 176,231	215 944,589	8,250	7,790
26	25	98 288	75 883,133	2 911 412,968	38,367	37,907	76	75	52 153	24 482,590	189 768,359	7,751	7,291
27	26	98 209	75 071,643	2 835 529,835	37,771	37,311	77	76	48 910	22 732,870	165 285,768	7,271	6,811
28	27	98 124	74 263,732	2 760 458,192	37,171	36,711	78	77	45 482	20 930,139	142 552,899	6,811	6,351
29	28	98 039	73 464,522	2 686 194,460	36,565	36,105	79	78	41 885	19 084,153	121 622,760	6,373	5,913
30	29	97 949	72 670,938	2 612 729,938	35,953	35,493	80	79	38 156	17 212,867	102 538,607	5,957	5,497
31	30	97 859	71 884,751	2 540 059,000	35,335	34,875	81	80	34 379	15 355,294	85 325,739	5,557	5,097
32	31	97 761	71 102,092	2 468 174,249	34,713	34,253	82	81	30 543	13 506,944	69 970,446	5,180	4,720
33	32	97 660	70 325,114	2 397 072,157	34,086	33,626	83	82	26 753	11 713,653	56 463,501	4,820	4,360
34	33	97 551	69 551,014	2 326 747,043	33,454	32,994	84	83	23 055	9 994,866	44 749,848	4,477	4,017
35	34	97 438	68 782,611	2 257 196,029	32,816	32,356	85	84	19 488	8 364,562	34 754,982	4,155	3,695
36	35	97 314	68 015,487	2 188 413,418	32,175	31,715	86	85	16 114	6 848,221	26 390,419	3,854	3,394
37	36	97 190	67 255,986	2 120 397,931	31,527	31,067	87	86	12 994	5 467,314	19 542,199	3,574	3,114
38	37	97 052	66 495,284	2 053 141,945	30,877	30,417	88	87	10 178	4 240,003	14 074,885	3,320	2,860
39	38	96 893	65 729,451	1 986 646,661	30,225	29,765	89	88	7 730	3 188,229	9 834,882	3,085	2,625
40	39	96 728	64 967,766	1 920 917,210	29,567	29,107	90	89	5 649	2 307,205	6 646,652	2,881	2,421
41	40	96 540	64 199,503	1 855 949,443	28,909	28,449	91	90	3 996	1 615,942	4 339,448	2,685	2,225
42	41	96 340	63 431,983	1 791 749,941	28,247	27,787	92	91	2 703	1 082,066	2 723,506	2,517	2,057
43	42	96 115	62 657,631	1 728 317,958	27,584	27,124	93	92	1 742	690,385	1 641,440	2,378	1,918
44	43	95 859	61 871,513	1 665 660,327	26,921	26,461	94	93	1 081	424,154	951,055	2,242	1,782
45	44	95 570	61 074,453	1 603 788,814	26,260	25,800	95	94	640	248,509	526,902	2,120	1,660
46	45	95 251	60 268,050	1 542 714,361	25,598	25,138	96	95	360	138,484	278,393	2,010	1,550
47	46	94 895	59 448,189	1 482 446,311	24,937	24,477	97	96	192	73,208	139,909	1,911	1,451
48	47	94 488	58 606,984	1 422 998,122	24,280	23,820	98	97	97	36,615	66,701	1,822	1,362
49	48	94 031	57 746,033	1 364 391,138	23,627	23,167	99	98	46	17,281	30,086	1,741	1,281
							100	99	21	7,676	12,805	1,668	1,208

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2	0	99 581	97 618,492	5 009 109,867	51,313	50,853
3	1	99 248	96 329,074	4 911 491,375	50,987	50,527
4	2	99 208	95 336,885	4 815 162,301	50,507	50,047
5	3	99 180	94 366,364	4 719 825,416	50,016	49,556
6	4	99 158	93 411,511	4 625 459,052	49,517	49,057
7	5	99 136	92 465,851	4 532 047,541	49,013	48,553
8	6	99 118	91 533,552	4 439 581,690	48,502	48,042
9	7	99 101	90 611,838	4 348 048,138	47,985	47,525
10	8	99 085	89 699,946	4 257 436,300	47,463	47,003
11	9	99 068	88 797,351	4 167 736,354	46,935	46,475
12	10	99 053	87 904,560	4 078 939,003	46,402	45,942
13	11	99 035	87 018,356	3 991 034,443	45,864	45,404
14	12	99 016	86 140,345	3 904 016,086	45,322	44,862
15	13	98 993	85 267,805	3 817 875,741	44,775	44,315
16	14	98 967	84 400,978	3 732 607,937	44,225	43,765
17	15	98 930	83 534,568	3 648 206,959	43,673	43,213
18	16	98 884	82 669,073	3 564 672,390	43,120	42,660
19	17	98 822	81 798,570	3 482 003,317	42,568	42,108
20	18	98 757	80 936,115	3 400 204,747	42,011	41,551
21	19	98 682	80 073,370	3 319 268,632	41,453	40,993
22	20	98 608	79 221,355	3 239 195,262	40,888	40,428
23	21	98 534	78 377,903	3 159 973,906	40,317	39,857
24	22	98 462	77 545,082	3 081 596,004	39,739	39,279
25	23	98 385	76 717,133	3 004 050,922	39,157	38,698
26	24	98 308	75 898,475	2 927 333,788	38,569	38,109
27	25	98 231	75 088,160	2 851 435,314	37,974	37,515
28	26	98 147	74 281,312	2 776 347,154	37,376	36,916
29	27	98 065	73 484,263	2 702 065,841	36,771	36,311
30	28	97 974	72 689,319	2 628 581,578	36,162	35,702
31	29	97 887	71 905,383	2 555 892,259	35,545	35,085
32	30	97 789	71 122,221	2 483 986,876	34,926	34,466
33	31	97 689	70 346,361	2 412 864,655	34,300	33,840
34	32	97 585	69 575,677	2 342 518,294	33,669	33,209
35	33	97 473	68 807,770	2 272 942,618	33,033	32,573
36	34	97 356	68 044,390	2 204 134,848	32,393	31,933
37	35	97 229	67 282,748	2 136 090,458	31,748	31,288
38	36	97 098	66 526,899	2 068 807,710	31,097	30,637
39	37	96 945	65 764,549	2 002 280,811	30,446	29,986
40	38	96 782	65 003,955	1 936 516,262	29,791	29,331
41	39	96 604	64 242,002	1 871 512,307	29,132	28,672
42	40	96 408	63 476,812	1 807 270,305	28,471	28,011
43	41	96 193	62 707,891	1 743 793,494	27,808	27,348
44	42	95 944	61 926,633	1 681 085,602	27,146	26,686
45	43	95 668	61 137,054	1 619 158,969	26,484	26,024
46	44	95 358	60 335,817	1 558 021,916	25,823	25,363
47	45	95 016	59 523,738	1 497 686,099	25,161	24,701
48	46	94 621	58 689,684	1 438 162,361	24,505	24,045
49	47	94 185	57 840,609	1 379 472,677	23,850	23,390
50	48	93 694	56 969,387	1 321 632,068	23,199	22,739
51	49	93 154	56 080,319	1 264 662,681	22,551	22,091
52	50	92 522	55 148,666	1 208 582,363	21,915	21,455
53	51	91 856	54 209,611	1 153 433,696	21,277	20,817
54	52	91 126	53 246,020	1 099 224,086	20,644	20,184
55	53	90 313	52 248,513	1 045 978,065	20,019	19,559
56	54	89 432	51 226,702	993 729,552	19,399	18,939
57	55	88 497	50 189,125	942 502,850	18,779	18,319
58	56	87 474	49 117,770	892 313,725	18,167	17,707
59	57	86 378	48 021,944	843 195,955	17,559	17,099
60	58	85 211	46 904,532	795 174,012	16,953	16,493
61	59	83 954	45 754,753	748 269,480	16,354	15,894
62	60	82 624	44 584,408	702 514,727	15,757	15,297
63	61	81 194	43 378,718	657 930,319	15,167	14,707
64	62	79 707	42 162,504	614 551,602	14,576	14,116
65	63	78 087	40 897,015	572 389,098	13,996	13,536
66	64	76 393	39 613,606	531 492,083	13,417	12,957
67	65	74 577	38 289,141	491 878,477	12,846	12,386
68	66	72 672	36 941,426	453 589,337	12,279	11,819
69	67	70 671	35 568,416	416 647,910	11,714	11,254
70	68	68 559	34 163,861	381 079,495	11,154	10,694
71	69	66 347	32 734,467	346 915,634	10,598	10,138
72	70	64 006	31 266,771	314 181,167	10,048	9,588
73	71	61 548	29 768,484	282 914,396	9,504	9,044
74	72	58 942	28 225,754	253 145,912	8,969	8,509
75	73	56 122	26 608,923	224 920,158	8,453	7,993
76	74	53 142	24 946,789	198 311,235	7,949	7,489
77	75	49 983	23 231,367	173 364,446	7,463	7,003
78	76	46 624	21 455,648	150 133,079	6,997	6,537
79	77	43 080	19 628,323	128 677,431	6,556	6,096
80	78	39 420	17 783,142	109 049,108	6,132	5,672
81	79	35 674	15 933,785	91 265,967	5,728	5,268
82	80	31 874	14 095,658	75 332,182	5,344	4,884
83	81	28 089	12 298,965	61 236,524	4,979	4,519
84	82	24 401	10 578,193	48 937,559	4,626	4,166
85	83	20 792	8 924,214	38 359,366	4,298	3,838
86	84	17 371	7 382,059	29 435,152	3,987	3,527
87	85	14 166	5 960,580	22 053,092	3,700	3,240
88	86	11 236	4 681,065	16 092,512	3,438	2,978
89	87	8 668	3 575,417	11 411,447	3,192	2,732
90	88	6 437	2 628,655	7 836,030	2,981	2,521
91	89	4 655	1 882,322	5 207,375	2,766	2,306
92	90	3 198	1 280,242	3 325,052	2,597	2,137
93	91	2 118	839,564	2 044,811	2,436	1,976
94	92	1 333	523,147	1 205,247	2,304	1,844
95	93	807	313,478	682,100	2,176	1,716
96	94	465	178,893	368,623	2,061	1,601
97	95	255	96,971	189,730	1,957	1,497
98	96	132	49,797	92,759	1,863	1,403
99	97	65	24,162	42,962	1,778	1,318
100	98	30	11,048	18,800	1,702	1,242

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	47	93 847	57 062,691	1 335 535,977	23,405	22,945
1							51	48	93 319	56 179,668	1 278 473,287	22,757	22,297
2							52	49	92 713	55 262,377	1 222 293,618	22,118	21,658
3	0	99 562	96 633,729	4 926 803,022	50,984	50,524	53	50	92 059	54 329,298	1 167 031,241	21,481	21,021
4	1	99 234	95 362,058	4 830 169,292	50,651	50,191	54	51	91 349	53 376,622	1 112 701,943	20,846	20,386
5	2	99 195	94 380,421	4 734 807,235	50,167	49,707	55	52	90 561	52 392,350	1 059 325,321	20,219	19,759
6	3	99 169	93 421,949	4 640 426,814	49,672	49,212	56	53	89 702	51 381,182	1 006 932,972	19,597	19,137
7	4	99 148	92 476,873	4 547 004,865	49,169	48,709	57	54	88 780	50 349,802	955 551,790	18,978	18,518
8	5	99 128	91 542,805	4 454 527,992	48,661	48,201	58	55	87 785	49 292,421	905 201,988	18,364	17,904
9	6	99 109	90 619,730	4 362 985,188	48,146	47,686	59	56	86 705	48 203,778	855 909,567	17,756	17,296
10	7	99 093	89 707,646	4 272 365,458	47,625	47,165	60	57	85 553	47 092,741	807 705,789	17,151	16,691
11	8	99 076	88 803,891	4 182 657,812	47,100	46,640	61	58	84 326	45 957,531	760 613,047	16,550	16,090
12	9	99 060	87 910,624	4 093 853,921	46,568	46,108	62	59	83 016	44 795,935	714 655,516	15,954	15,494
13	10	99 042	87 024,532	4 005 943,297	46,032	45,572	63	60	81 634	43 613,768	669 859,581	15,359	14,899
14	11	99 024	86 147,234	3 918 918,764	45,491	45,031	64	61	80 167	42 406,200	626 245,813	14,768	14,308
15	12	99 001	85 274,669	3 832 771,530	44,946	44,486	65	62	78 583	41 156,616	583 839,614	14,186	13,726
16	13	98 976	84 408,539	3 747 496,861	44,397	43,937	66	63	76 911	39 882,327	542 682,997	13,607	13,147
17	14	98 941	83 543,623	3 663 088,322	43,846	43,386	67	64	75 130	38 572,627	502 800,670	13,035	12,575
18	15	98 897	82 679,473	3 579 544,698	43,294	42,834	68	65	73 244	37 232,205	464 228,043	12,468	12,008
19	16	98 837	81 811,158	3 496 865,225	42,743	42,283	69	66	71 280	35 875,302	426 995,838	11,902	11,442
20	17	98 773	80 949,105	3 415 054,067	42,188	41,728	70	67	69 191	34 478,731	391 120,536	11,344	10,884
21	18	98 704	80 091,664	3 334 104,961	41,629	41,169	71	68	66 998	33 055,456	356 641,804	10,789	10,329
22	19	98 628	79 237,721	3 254 013,297	41,066	40,606	72	69	64 693	31 602,437	323 586,348	10,239	9,779
23	20	98 556	78 395,306	3 174 775,576	40,497	40,037	73	70	62 271	30 117,995	291 983,912	9,695	9,235
24	21	98 482	77 561,315	3 096 380,270	39,922	39,462	74	71	59 711	28 593,964	261 865,917	9,158	8,698
25	22	98 407	76 734,347	3 018 818,956	39,341	38,881	75	72	56 946	26 999,819	233 271,953	8,640	8,180
26	23	98 330	75 915,828	2 942 084,609	38,755	38,295	76	73	54 021	25 359,159	206 272,133	8,134	7,674
27	24	98 251	75 103,342	2 866 168,781	38,163	37,703	77	74	50 930	23 671,842	180 912,975	7,643	7,183
28	25	98 169	74 297,656	2 791 065,440	37,566	37,106	78	75	47 646	21 926,137	157 241,133	7,171	6,711
29	26	98 088	73 501,659	2 716 767,783	36,962	36,502	79	76	44 161	20 121,147	135 314,996	6,725	6,265
30	27	98 001	72 708,852	2 643 266,125	36,354	35,894	80	77	40 544	18 290,214	115 193,849	6,298	5,838
31	28	97 912	71 923,570	2 570 557,272	35,740	35,280	81	78	36 856	16 461,682	96 903,635	5,887	5,427
32	29	97 817	71 142,634	2 498 633,702	35,121	34,661	82	79	33 075	14 626,693	80 441,953	5,500	5,040
33	30	97 717	70 366,277	2 427 491,069	34,498	34,038	83	80	29 314	12 835,028	65 815,259	5,128	4,668
34	31	97 615	69 596,696	2 357 124,792	33,868	33,408	84	81	25 620	11 106,768	52 980,232	4,770	4,310
35	32	97 508	68 832,169	2 287 528,096	33,233	32,773	85	82	22 005	9 445,055	41 873,463	4,433	3,973
36	33	97 391	68 069,279	2 218 695,927	32,595	32,135	86	83	18 533	7 875,974	32 428,408	4,117	3,657
37	34	97 270	67 311,340	2 150 626,648	31,950	31,490	87	84	15 270	6 425,225	24 552,434	3,821	3,361
38	35	97 136	66 553,371	2 083 315,308	31,303	30,843	88	85	12 250	5 103,395	18 127,209	3,552	3,092
39	36	96 991	65 795,816	2 016 761,937	30,652	30,192	89	86	9 570	3 947,347	13 023,815	3,299	2,839
40	37	96 834	65 038,665	1 950 966,121	29,997	29,537	90	87	7 218	2 947,887	9 076,468	3,079	2,619
41	38	96 658	64 277,786	1 885 927,456	29,340	28,880	91	88	5 304	2 144,576	6 128,581	2,858	2,398
42	39	96 472	63 518,833	1 821 649,670	28,679	28,219	92	89	3 725	1 491,283	3 984,005	2,672	2,212
43	40	96 260	62 752,208	1 758 130,837	28,017	27,557	93	90	2 506	993,327	2 492,721	2,509	2,049
44	41	96 021	61 976,307	1 695 378,629	27,355	26,895	94	91	1 621	636,189	1 499,395	2,357	1,897
45	42	95 753	61 191,519	1 633 402,322	26,693	26,233	95	92	995	386,640	863,206	2,233	1,773
46	43	95 456	60 397,660	1 572 210,803	26,031	25,571	96	93	587	225,662	476,566	2,112	1,652
47	44	95 122	59 590,668	1 511 813,143	25,370	24,910	97	94	329	125,266	250,904	2,003	1,543
48	45	94 741	58 764,269	1 452 222,475	24,713	24,253	98	95	175	65,961	125,638	1,905	1,445
49	46	94 318	57 922,228	1 393 458,205	24,057	23,597	99	96	88	32,860	59,677	1,816	1,356
							100	97	42	15,447	26,817	1,736	1,276

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	46	93 980	57 143,212	1 348 400,790	23,597	23,137
1							51	47	93 472	56 271,679	1 291 257,578	22,947	22,487
2							52	48	92 877	55 360,278	1 234 985,899	22,308	21,848
3							53	49	92 249	54 441,319	1 179 625,622	21,668	21,208
4	0	99 548	95 663,655	4 844 345,694	50,639	50,179	54	50	91 551	53 494,470	1 125 184,302	21,034	20,574
5	1	99 221	94 405,341	4 748 682,039	50,301	49,841	55	51	90 784	52 520,857	1 071 689,832	20,405	19,945
6	2	99 184	93 435,866	4 654 276,698	49,813	49,353	56	52	89 949	51 522,631	1 019 168,975	19,781	19,321
7	3	99 159	92 487,206	4 560 840,833	49,313	48,853	57	53	89 048	50 501,637	967 646,344	19,161	18,701
8	4	99 140	91 553,716	4 468 353,626	48,806	48,346	58	54	88 066	49 450,228	917 144,707	18,547	18,087
9	5	99 119	90 628,890	4 376 799,910	48,294	47,834	59	55	87 013	48 375,180	867 694,479	17,937	17,477
10	6	99 102	89 715,459	4 286 171,020	47,775	47,315	60	56	85 877	47 271,057	819 319,300	17,332	16,872
11	7	99 084	88 811,513	4 196 455,561	47,251	46,791	61	57	84 664	46 141,941	772 048,242	16,732	16,272
12	8	99 067	87 917,099	4 107 644,047	46,722	46,262	62	58	83 384	44 994,465	725 906,302	16,133	15,673
13	9	99 049	87 030,536	4 019 726,948	46,188	45,728	63	59	82 021	43 820,690	680 911,837	15,539	15,079
14	10	99 031	86 153,348	3 932 696,412	45,648	45,188	64	60	80 602	42 635,980	637 091,147	14,943	14,483
15	11	99 009	85 281,489	3 846 543,064	45,104	44,644	65	61	79 037	41 394,499	594 455,167	14,361	13,901
16	12	98 984	84 415,335	3 761 261,575	44,557	44,097	66	62	77 400	40 135,488	553 060,669	13,780	13,320
17	13	98 950	83 551,108	3 676 846,240	44,007	43,547	67	63	75 639	38 834,287	512 925,181	13,208	12,748
18	14	98 908	82 688,436	3 593 295,133	43,456	42,996	68	64	73 786	37 507,866	474 090,894	12,640	12,180
19	15	98 849	81 821,451	3 510 606,697	42,906	42,446	69	65	71 842	36 157,689	436 583,028	12,074	11,614
20	16	98 788	80 961,563	3 428 785,246	42,351	41,891	70	66	69 788	34 776,216	400 425,339	11,514	11,054
21	17	98 720	80 104,519	3 347 823,683	41,793	41,333	71	67	67 615	33 360,111	365 649,123	10,961	10,501
22	18	98 651	79 255,824	3 267 719,164	41,230	40,770	72	68	65 328	31 912,325	332 289,012	10,413	9,953
23	19	98 576	78 411,501	3 188 463,341	40,663	40,203	73	69	62 940	30 441,328	300 376,687	9,867	9,407
24	20	98 504	77 578,536	3 110 051,840	40,089	39,629	74	70	60 412	28 929,685	269 935,359	9,331	8,871
25	21	98 427	76 750,410	3 032 473,303	39,511	39,051	75	71	57 689	27 352,037	241 005,674	8,811	8,351
26	22	98 353	75 932,862	2 955 722,893	38,925	38,465	76	72	54 814	25 731,695	213 653,637	8,303	7,843
27	23	98 273	75 120,513	2 879 790,032	38,336	37,876	77	73	51 772	24 063,137	187 921,942	7,810	7,350
28	24	98 189	74 312,677	2 804 669,519	37,741	37,281	78	74	48 550	22 341,865	163 858,805	7,334	6,874
29	25	98 110	73 517,831	2 730 356,842	37,139	36,679	79	75	45 130	20 562,373	141 516,940	6,882	6,422
30	26	98 024	72 726,064	2 656 839,010	36,532	36,072	80	76	41 562	18 749,441	120 954,568	6,451	5,991
31	27	97 938	71 942,897	2 584 112,946	35,919	35,459	81	77	37 907	16 931,074	102 205,127	6,037	5,577
32	28	97 842	71 160,628	2 512 170,049	35,303	34,843	82	78	34 171	15 111,286	85 274,053	5,643	5,183
33	29	97 745	70 386,472	2 441 009,421	34,680	34,220	83	79	30 418	13 318,571	70 162,767	5,268	4,808
34	30	97 642	69 616,400	2 370 622,949	34,053	33,593	84	80	26 737	11 590,868	56 844,196	4,904	4,444
35	31	97 537	68 852,964	2 301 006,549	33,419	32,959	85	81	23 105	9 917,009	45 253,329	4,563	4,103
36	32	97 426	68 093,416	2 232 153,585	32,781	32,321	86	82	19 614	8 335,637	35 336,320	4,239	3,779
37	33	97 306	67 335,961	2 164 060,169	32,138	31,678	87	83	16 292	6 855,120	27 000,682	3,939	3,479
38	34	97 178	66 581,653	2 096 724,208	31,491	31,031	88	84	13 205	5 501,220	20 145,562	3,662	3,202
39	35	97 030	65 821,997	2 030 142,555	30,843	30,383	89	85	10 433	4 303,479	14 644,343	3,403	2,943
40	36	96 880	65 069,587	1 964 320,558	30,188	29,728	90	86	7 969	3 254,538	10 340,863	3,177	2,717
41	37	96 709	64 312,109	1 899 250,971	29,532	29,072	91	87	5 948	2 405,020	7 086,325	2,946	2,486
42	38	96 525	63 554,214	1 834 938,862	28,872	28,412	92	88	4 244	1 699,056	4 681,306	2,755	2,295
43	39	96 324	62 793,750	1 771 384,648	28,210	27,750	93	89	2 919	1 157,072	2 982,249	2,577	2,117
44	40	96 089	62 020,107	1 708 590,899	27,549	27,089	94	90	1 918	752,704	1 825,178	2,425	1,965
45	41	95 830	61 240,603	1 646 570,792	26,887	26,427	95	91	1 210	470,185	1 072,473	2,281	1,821
46	42	95 541	60 451,467	1 585 330,188	26,225	25,765	96	92	723	278,329	602,288	2,164	1,704
47	43	95 220	59 651,748	1 524 878,721	25,563	25,103	97	93	415	158,015	323,959	2,050	1,590
48	44	94 848	58 830,345	1 465 226,973	24,906	24,446	98	94	226	85,208	165,944	1,948	1,488
49	45	94 437	57 995,838	1 406 396,628	24,250	23,790	99	95	117	43,527	80,736	1,855	1,395
							100	96	57	21,008	37,209	1,771	1,311

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	45	94 099	57 215 832	1 360 278 669	23,775	23,315
1							51	46	93 604	56 351 084	1 303 062 837	23,124	22,664
2							52	47	93 029	55 450 947	1 246 711 753	22,483	22,023
3							53	48	92 412	54 537 765	1 191 260 807	21,843	21,383
4							54	49	91 740	53 604 770	1 136 723 041	21,206	20,746
5	0	99 535	94 703 912	4 761 784 371	50,281	49,821	55	50	90 984	52 636 816	1 083 118 271	20,577	20,117
6	1	99 210	93 460 536	4 667 080 459	49,936	49,476	56	51	90 169	51 649 005	1 030 481 455	19,952	19,492
7	2	99 174	92 500 984	4 573 619 923	49,444	48,984	57	52	89 293	50 640 665	978 832 450	19,329	18,869
8	3	99 151	91 563 947	4 481 118 940	48,940	48,480	58	53	88 332	49 599 350	928 191 786	18,714	18,254
9	4	99 131	90 639 693	4 389 554 993	48,429	47,969	59	54	87 291	48 530 050	878 592 435	18,104	17,644
10	5	99 112	89 724 528	4 298 915 300	47,912	47,452	60	55	86 183	47 439 142	830 062 386	17,497	17,037
11	6	99 093	88 819 249	4 209 190 772	47,391	46,931	61	56	84 985	46 316 657	782 623 243	16,897	16,437
12	7	99 076	87 924 645	4 120 371 524	46,863	46,403	62	57	83 719	45 175 010	736 306 587	16,299	15,839
13	8	99 056	87 036 946	4 032 446 878	46,330	45,870	63	58	82 385	44 014 897	691 131 577	15,702	15,242
14	9	99 038	86 159 292	3 945 409 932	45,792	45,332	64	59	80 984	42 838 263	647 116 680	15,106	14,646
15	10	99 016	85 287 542	3 859 250 640	45,250	44,790	65	60	79 466	41 618 797	604 278 417	14,519	14,059
16	11	98 992	84 422 086	3 773 963 099	44,704	44,244	66	61	77 847	40 367 468	562 659 620	13,938	13,478
17	12	98 958	83 557 834	3 689 541 013	44,156	43,696	67	62	76 119	39 080 795	522 292 152	13,364	12,904
18	13	98 916	82 695 843	3 605 983 179	43,605	43,145	68	63	74 287	37 762 303	483 211 358	12,796	12,336
19	14	98 860	81 830 320	3 523 287 336	43,056	42,596	69	64	72 373	36 425 394	445 449 055	12,229	11,769
20	15	98 801	80 971 748	3 441 457 016	42,502	42,042	70	65	70 337	35 049 952	409 023 661	11,670	11,210
21	16	98 735	80 116 847	3 360 485 267	41,945	41,485	71	66	68 199	33 647 944	373 973 709	11,114	10,654
22	17	98 667	79 268 544	3 280 368 420	41,383	40,923	72	67	65 930	32 206 444	340 325 764	10,567	10,107
23	18	98 599	78 429 415	3 201 099 876	40,815	40,355	73	68	63 557	30 739 831	308 119 320	10,023	9,563
24	19	98 525	77 594 563	3 122 670 461	40,243	39,783	74	69	61 061	29 240 261	277 379 489	9,486	9,026
25	20	98 449	76 767 452	3 045 075 898	39,666	39,206	75	70	58 366	27 673 176	248 139 228	8,967	8,507
26	21	98 373	75 948 757	2 968 308 447	39,083	38,623	76	71	55 529	26 067 370	220 466 052	8,458	7,998
27	22	98 295	75 137 368	2 892 359 690	38,494	38,034	77	72	52 533	24 416 634	194 398 682	7,962	7,502
28	23	98 211	74 329 668	2 817 222 322	37,902	37,442	78	73	49 352	22 711 176	169 982 048	7,485	7,025
29	24	98 130	73 532 695	2 742 892 654	37,302	36,842	79	74	45 985	20 952 242	147 270 872	7,029	6,569
30	25	98 045	72 742 066	2 669 359 959	36,696	36,236	80	75	42 474	19 160 587	126 318 630	6,593	6,133
31	26	97 961	71 959 928	2 596 617 893	36,084	35,624	81	76	38 858	17 356 176	107 158 043	6,174	5,714
32	27	97 868	71 179 751	2 524 657 965	35,469	35,009	82	77	35 145	15 542 173	89 801 867	5,778	5,318
33	28	97 770	70 404 275	2 453 478 215	34,848	34,388	83	78	31 426	13 759 824	74 259 694	5,397	4,937
34	29	97 670	69 636 380	2 383 073 940	34,222	33,762	84	79	27 744	12 027 539	60 499 870	5,030	4,570
35	30	97 565	68 872 457	2 313 437 559	33,590	33,130	85	80	24 112	10 349 252	48 472 332	4,684	4,224
36	31	97 455	68 113 988	2 244 565 102	32,953	32,493	86	81	20 595	8 752 155	38 123 080	4,356	3,896
37	32	97 340	67 359 838	2 176 451 114	32,311	31,851	87	82	17 243	7 255 203	29 370 925	4,048	3,588
38	33	97 213	66 606 007	2 109 091 276	31,665	31,205	88	83	14 089	5 869 292	22 115 722	3,768	3,308
39	34	97 071	65 849 968	2 042 485 270	31,017	30,557	89	84	11 247	4 638 948	16 246 429	3,502	3,042
40	35	96 918	65 095 479	1 976 635 301	30,365	29,905	90	85	8 688	3 548 165	11 607 481	3,271	2,811
41	36	96 755	64 342 685	1 911 539 822	29,709	29,249	91	86	6 567	2 655 200	8 059 316	3,035	2,575
42	37	96 577	63 588 150	1 847 197 137	29,049	28,589	92	87	4 759	1 905 394	5 404 116	2,836	2,376
43	38	96 378	62 828 727	1 783 608 987	28,388	27,928	93	88	3 326	1 318 281	3 498 722	2,654	2,194
44	39	96 152	62 061 164	1 720 780 260	27,727	27,267	94	89	2 234	876 784	2 180 441	2,487	2,027
45	40	95 898	61 283 884	1 658 719 096	27,066	26,606	95	90	1 432	556 298	1 303 657	2,343	1,883
46	41	95 618	60 499 958	1 597 435 212	26,404	25,944	96	91	880	338 471	747 359	2,208	1,748
47	42	95 305	59 704 890	1 536 935 255	25,742	25,282	97	92	512	194 894	408 888	2,098	1,638
48	43	94 945	58 890 645	1 477 230 365	25,084	24,624	98	93	285	107 484	213 994	1,991	1,531
49	44	94 544	58 061 050	1 418 339 719	24,428	23,968	99	94	151	56 227	106 510	1,894	1,434
							100	95	75	27 827	50 283	1,807	1,347

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	44	94 205	57 280,167	1 371 223,635	23,939	23,479
1							51	45	93 723	56 422,697	1 313 943,468	23,287	22,828
2							52	46	93 161	55 529,193	1 257 520,771	22,646	22,186
3							53	47	92 564	54 627,087	1 201 991,578	22,004	21,544
4							54	48	91 902	53 699,734	1 147 364,490	21,366	20,906
5							55	49	91 172	52 745,348	1 093 664,756	20,735	20,275
6	0	99 524	93 756,120	4 679 172,044	49,908	49,448	56	50	90 368	51 763,039	1 040 919,409	20,109	19,649
7	1	99 200	92 525,407	4 585 415,924	49,558	49,098	57	51	89 512	50 764,876	989 156,370	19,485	19,025
8	2	99 165	91 577,586	4 492 890,517	49,061	48,601	58	52	88 575	49 735,894	938 391,494	18,867	18,408
9	3	99 142	90 649,821	4 401 312,931	48,553	48,093	59	53	87 555	48 676,397	888 655,600	18,256	17,796
10	4	99 124	89 735,222	4 310 663,109	48,038	47,578	60	54	86 458	47 591,016	839 979,203	17,650	17,190
11	5	99 103	88 828,227	4 220 927,887	47,518	47,058	61	55	85 287	46 481,348	792 388,187	17,047	16,587
12	6	99 084	87 932,303	4 132 099,660	46,992	46,532	62	56	84 036	45 346,064	745 906,840	16,449	15,989
13	7	99 065	87 044,417	4 044 167,357	46,461	46,001	63	57	82 715	44 191,512	700 560,775	15,853	15,393
14	8	99 045	86 165,638	3 957 122,940	45,925	45,465	64	58	81 343	43 028,117	656 369,264	15,254	14,794
15	9	99 023	85 293,426	3 870 957,302	45,384	44,924	65	59	79 843	41 816,254	613 341,147	14,668	14,208
16	10	98 999	84 428,077	3 785 663,877	44,839	44,379	66	60	78 269	40 586,201	571 524,893	14,082	13,622
17	11	98 966	83 564,516	3 701 235,799	44,292	43,832	67	61	76 559	39 306,678	530 938,692	13,508	13,048
18	12	98 924	82 702,501	3 617 671,283	43,743	43,283	68	62	74 758	38 000,006	491 632,013	12,937	12,477
19	13	98 869	81 837,651	3 534 968,782	43,195	42,735	69	63	72 864	36 672,488	453 630,007	12,370	11,910
20	14	98 812	80 980,526	3 453 131,131	42,642	42,182	70	64	70 858	35 309,456	416 957,519	11,809	11,349
21	15	98 748	80 126,926	3 372 150,605	42,085	41,625	71	65	68 736	33 912,799	381 648,063	11,254	10,794
22	16	98 682	79 280,743	3 292 023,680	41,524	41,064	72	66	66 499	32 484,324	347 735,264	10,705	10,245
23	17	98 614	78 442,003	3 212 742,936	40,957	40,497	73	67	64 143	31 023,144	315 250,941	10,162	9,702
24	18	98 547	77 612,290	3 134 300,933	40,384	39,924	74	68	61 660	29 526,986	284 227,797	9,626	9,166
25	19	98 469	76 783,311	3 056 688,643	39,809	39,349	75	69	58 993	27 970,263	254 700,810	9,106	8,646
26	20	98 395	75 965,620	2 979 905,333	39,227	38,767	76	70	56 181	26 373,426	226 730,548	8,597	8,137
27	21	98 316	75 153,097	2 903 939,712	38,640	38,180	77	71	53 218	24 735,153	200 357,122	8,100	7,640
28	22	98 233	74 346,346	2 828 786,615	38,049	37,589	78	72	50 077	23 044,812	175 621,968	7,621	7,161
29	23	98 152	73 549,507	2 754 440,269	37,450	36,990	79	73	46 745	21 298,583	152 577,156	7,164	6,704
30	24	98 065	72 756,773	2 680 890,762	36,847	36,387	80	74	43 279	19 523,879	131 278,573	6,724	6,264
31	25	97 983	71 975,761	2 608 133,990	36,236	35,776	81	75	39 711	17 736,770	111 754,695	6,301	5,841
32	26	97 891	71 196,600	2 536 158,229	35,622	35,162	82	76	36 027	15 932,402	94 017,924	5,901	5,441
33	27	97 796	70 423,194	2 464 961,628	35,002	34,542	83	77	32 322	14 152,175	78 085,523	5,518	5,058
34	28	97 695	69 653,994	2 394 538,434	34,378	33,918	84	78	28 663	12 426,019	63 933,348	5,145	4,685
35	29	97 593	68 892,224	2 324 884,440	33,747	33,287	85	79	25 020	10 739,146	51 507,328	4,796	4,336
36	30	97 483	68 133,272	2 255 992,217	33,111	32,651	86	80	21 492	9 133,627	40 768,182	4,464	4,004
37	31	97 370	67 380,188	2 187 858,944	32,470	32,010	87	81	18 104	7 617,734	31 634,555	4,153	3,693
38	32	97 248	66 629,625	2 120 478,756	31,825	31,365	88	82	14 911	6 211,840	24 016,822	3,866	3,406
39	33	97 106	65 874,054	2 053 849,131	31,178	30,718	89	83	11 999	4 949,328	17 804,982	3,597	3,137
40	34	96 959	65 123,142	1 987 975,077	30,526	30,066	90	84	9 365	3 824,755	12 855,653	3,361	2,901
41	35	96 794	64 368,288	1 922 851,935	29,873	29,413	91	85	7 159	2 894,754	9 030,898	3,120	2,660
42	36	96 623	63 618,383	1 858 483,647	29,213	28,753	92	86	5 254	2 103,601	6 136,144	2,917	2,457
43	37	96 429	62 862,276	1 794 865,265	28,552	28,092	93	87	3 730	1 478,376	4 032,543	2,728	2,268
44	38	96 206	62 095,733	1 732 002,989	27,892	27,432	94	88	2 545	998,942	2 554,167	2,557	2,097
45	39	95 961	61 324,453	1 669 907,256	27,231	26,771	95	89	1 668	648,001	1 555,225	2,400	1,940
46	40	95 685	60 542,714	1 608 582,803	26,569	26,109	96	90	1 041	400,460	907,224	2,265	1,805
47	41	95 381	59 752,782	1 548 040,088	25,907	25,447	97	91	622	237,007	506,763	2,138	1,678
48	42	95 030	58 943,110	1 488 287,307	25,250	24,790	98	92	352	132,570	269,756	2,035	1,575
49	43	94 641	58 120,562	1 429 344,197	24,593	24,133	99	93	190	70,927	137,187	1,934	1,474
							100	94	97	35,947	66,259	1,843	1,383

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7	0	99 513	92 818,033	4 596 561,074	49,522	49,062
8	1	99 192	91 601,766	4 503 743,041	49,167	48,707
9	2	99 157	90 663,325	4 412 141,275	48,665	48,205
10	3	99 135	89 745,250	4 321 477,950	48,153	47,693
11	4	99 115	88 838,815	4 231 732,700	47,634	47,174
12	5	99 094	87 941,192	4 142 893,886	47,110	46,650
13	6	99 073	87 051,998	4 054 952,694	46,581	46,121
14	7	99 054	86 173,034	3 967 900,696	46,046	45,586
15	8	99 030	85 299,708	3 881 727,662	45,507	45,047
16	9	99 005	84 433,902	3 796 427,954	44,963	44,503
17	10	98 973	83 570,447	3 711 994,052	44,418	43,958
18	11	98 932	82 709,115	3 628 423,605	43,870	43,410
19	12	98 877	81 844,239	3 545 714,490	43,323	42,863
20	13	98 820	80 987,780	3 463 870,251	42,770	42,310
21	14	98 758	80 135,612	3 382 882,470	42,214	41,754
22	15	98 694	79 290,717	3 302 746,859	41,654	41,194
23	16	98 630	78 454,075	3 223 456,141	41,087	40,627
24	17	98 563	77 624,747	3 145 002,067	40,515	40,055
25	18	98 492	76 800,853	3 067 377,320	39,939	39,479
26	19	98 415	75 981,314	2 990 576,467	39,359	38,899
27	20	98 338	75 169,784	2 914 595,154	38,773	38,314
28	21	98 254	74 361,909	2 839 425,370	38,184	37,724
29	22	98 174	73 566,010	2 765 063,461	37,586	37,126
30	23	98 088	72 773,407	2 691 497,451	36,985	36,525
31	24	98 002	71 990,313	2 618 724,043	36,376	35,916
32	25	97 913	71 212,266	2 546 733,730	35,763	35,303
33	26	97 819	70 439,865	2 475 521,465	35,144	34,684
34	27	97 721	69 672,711	2 405 081,600	34,520	34,060
35	28	97 618	68 909,649	2 335 408,889	33,891	33,431
36	29	97 511	68 152,826	2 266 499,240	33,256	32,796
37	30	97 397	67 399,264	2 198 346,413	32,617	32,157
38	31	97 277	66 649,755	2 130 947,149	31,972	31,512
39	32	97 141	65 897,413	2 064 297,394	31,326	30,866
40	33	96 995	65 146,962	1 998 399,981	30,675	30,215
41	34	96 835	64 395,642	1 933 253,019	30,021	29,562
42	35	96 661	63 643,697	1 868 857,377	29,364	28,904
43	36	96 475	62 892,163	1 805 213,680	28,703	28,243
44	37	96 257	62 128,890	1 742 321,517	28,044	27,584
45	38	96 015	61 358,612	1 680 192,627	27,383	26,923
46	39	95 749	60 582,793	1 618 834,015	26,721	26,261
47	40	95 449	59 795,011	1 558 251,222	26,060	25,600
48	41	95 106	58 990,390	1 498 456,211	25,402	24,942
49	42	94 725	58 172,340	1 439 465,821	24,745	24,285
50	43	94 301	57 338,878	1 381 293,481	24,090	23,630
51	44	93 828	56 486,140	1 323 954,602	23,439	22,979
52	45	93 279	55 599,762	1 267 468,462	22,796	22,336
53	46	92 694	54 704,171	1 211 868,700	22,153	21,693
54	47	92 053	53 787,683	1 157 164,528	21,514	21,054
55	48	91 333	52 838,789	1 103 376,845	20,882	20,422
56	49	90 555	51 869,769	1 050 538,056	20,253	19,793
57	50	89 710	50 876,958	998 668,287	19,629	19,169
58	51	88 792	49 857,886	947 791,330	19,010	18,550
59	52	87 796	48 810,400	897 933,444	18,396	17,936
60	53	86 719	47 734,532	849 123,044	17,788	17,328
61	54	85 560	46 630,155	801 388,512	17,186	16,726
62	55	84 335	45 507,304	754 758,358	16,585	16,125
63	56	83 028	44 358,842	709 251,053	15,989	15,529
64	57	81 669	43 200,771	664 892,211	15,391	14,931
65	58	80 196	42 001,578	621 691,440	14,802	14,342
66	59	78 640	40 778,759	579 689,862	14,215	13,756
67	60	76 974	39 519,664	538 911,102	13,637	13,177
68	61	75 190	38 221,655	499 391,438	13,066	12,606
69	62	73 327	36 905,274	461 169,784	12,496	12,036
70	63	71 338	35 548,980	424 264,510	11,935	11,475
71	64	69 244	34 163,883	388 715,530	11,378	10,918
72	65	67 022	32 740,019	354 551,647	10,829	10,369
73	66	64 696	31 290,814	321 811,628	10,285	9,825
74	67	62 228	29 799,121	290 520,814	9,749	9,289
75	68	59 571	28 244,535	260 721,693	9,231	8,771
76	69	56 784	26 656,559	232 477,158	8,721	8,261
77	70	53 843	25 025,568	205 820,599	8,224	7,764
78	71	50 730	23 345,436	180 795,031	7,744	7,284
79	72	47 432	21 611,468	157 449,595	7,285	6,825
80	73	43 994	19 846,608	135 838,127	6,844	6,384
81	74	40 463	18 073,066	115 991,519	6,418	5,958
82	75	36 818	16 281,775	97 918,454	6,014	5,554
83	76	33 133	14 507,504	81 636,678	5,627	5,167
84	77	29 481	12 780,338	67 129,174	5,253	4,793
85	78	25 849	11 094,942	54 348,836	4,899	4,439
86	79	22 302	9 477,724	43 253,895	4,564	4,104
87	80	18 894	7 949,760	33 776,171	4,249	3,789
88	81	15 656	6 522,235	25 826,410	3,960	3,500
89	82	12 699	5 238,185	19 304,175	3,685	3,225
90	83	9 992	4 080,660	14 065,991	3,447	2,987
91	84	7 717	3 120,409	9 985,331	3,200	2,740
92	85	5 729	2 293,390	6 864,922	2,993	2,533
93	86	4 118	1 632,163	4 571,532	2,801	2,341
94	87	2 854	1 120,256	2 939,369	2,624	2,164
95	88	1 900	738,284	1 819,113	2,464	2,004
96	89	1 212	466,474	1 080,829	2,317	1,857
97	90	736	280,414	614,355	2,191	1,731
98	91	427	161,215	333,941	2,071	1,611
99	92	234	87,481	172,726	1,974	1,514
100	93	123	45,345	85,244	1,880	1,420

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß 1,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	42	94 385	57 389,960	1 390 544,017	24,230	23,770
1							51	43	93 924	56 544,038	1 333 154,057	23,577	23,117
2							52	44	93 384	55 662,280	1 276 610,019	22,935	22,475
3							53	45	92 812	54 773,692	1 220 947,739	22,291	21,831
4							54	46	92 183	53 863,583	1 166 174,047	21,651	21,191
5							55	47	91 483	52 925,328	1 112 310,464	21,017	20,557
6							56	48	90 715	51 961,659	1 059 385,136	20,388	19,928
7							57	49	89 895	50 981,861	1 007 423,477	19,760	19,300
8	0	99 505	91 891,471	4 514 006,026	49,123	48,663	58	50	88 988	49 967,965	956 441,616	19,141	18,681
9	1	99 183	90 687,263	4 422 114,555	48,762	48,302	59	51	88 011	48 930,122	906 473,651	18,526	18,066
10	2	99 149	89 758,619	4 331 427,292	48,256	47,796	60	52	86 958	47 865,941	857 543,529	17,916	17,456
11	3	99 126	88 848,742	4 241 668,673	47,740	47,280	61	53	85 818	46 770,773	809 677,588	17,312	16,852
12	4	99 106	87 951,674	4 152 819,931	47,217	46,757	62	54	84 605	45 652,993	762 906,815	16,711	16,251
13	5	99 083	87 060,798	4 064 868,257	46,690	46,230	63	55	83 324	44 516,572	717 253,822	16,112	15,652
14	6	99 062	86 180,539	3 977 807,460	46,157	45,697	64	56	81 979	43 364,351	672 737,250	15,514	15,054
15	7	99 039	85 307,029	3 891 626,921	45,619	45,159	65	57	80 518	42 170,114	629 372,900	14,925	14,465
16	8	99 013	84 440,121	3 806 319,891	45,077	44,617	66	58	78 989	40 959,485	587 202,786	14,336	13,876
17	9	98 980	83 576,213	3 721 879,771	44,533	44,073	67	59	77 339	39 707,162	546 243,301	13,757	13,297
18	10	98 939	82 714,985	3 638 303,558	43,986	43,526	68	60	75 598	38 428,761	506 536,138	13,181	12,721
19	11	98 885	81 850,785	3 555 588,573	43,440	42,980	69	61	73 751	37 118,583	468 107,378	12,611	12,151
20	12	98 828	80 994,300	3 473 737,788	42,889	42,429	70	62	71 791	35 774,633	430 988,794	12,047	11,587
21	13	98 767	80 142,790	3 392 743,488	42,334	41,874	71	63	69 714	34 395,636	395 214,161	11,490	11,030
22	14	98 705	79 299,313	3 312 600,697	41,773	41,313	72	64	67 518	32 982,420	360 818,524	10,940	10,480
23	15	98 642	78 463,945	3 233 301,385	41,207	40,747	73	65	65 205	31 537,114	327 836,104	10,395	9,935
24	16	98 578	77 636,693	3 154 837,440	40,636	40,176	74	66	62 765	30 056,230	296 298,990	9,858	9,398
25	17	98 508	76 813,179	3 077 200,747	40,061	39,601	75	67	60 120	28 504,850	266 242,760	9,340	8,880
26	18	98 438	75 998,673	3 000 387,568	39,479	39,019	76	68	57 341	26 917,949	237 737,910	8,832	8,372
27	19	98 358	75 185,313	2 924 388,896	38,896	38,436	77	69	54 421	25 294,231	210 819,960	8,335	7,875
28	20	98 276	74 378,420	2 849 203,583	38,307	37,847	78	70	51 326	23 619,534	185 525,729	7,855	7,395
29	21	98 195	73 581,410	2 774 825,162	37,711	37,251	79	71	48 051	21 893,393	161 906,195	7,395	6,935
30	22	98 110	72 789,736	2 701 243,753	37,110	36,650	80	72	44 641	20 138,163	140 012,802	6,953	6,493
31	23	98 025	72 006,772	2 628 454,017	36,503	36,043	81	73	41 132	18 371,813	119 874,639	6,525	6,065
32	24	97 932	71 226,663	2 556 447,244	35,892	35,432	82	74	37 516	16 590,483	101 502,826	6,118	5,658
33	25	97 841	70 455,364	2 485 220,581	35,274	34,814	83	75	33 860	14 825,632	84 912,343	5,727	5,267
34	26	97 744	69 689,204	2 414 765,217	34,650	34,191	84	76	30 221	13 101,224	70 086,711	5,350	4,890
35	27	97 644	68 928,166	2 345 076,013	34,022	33,562	85	77	26 586	11 411,305	56 985,487	4,994	4,534
36	28	97 536	68 170,065	2 276 147,847	33,389	32,929	86	78	23 041	9 791,728	45 574,182	4,654	4,194
37	29	97 425	67 418,608	2 207 977,782	32,750	32,290	87	79	19 605	8 249,257	35 782,454	4,338	3,878
38	30	97 305	66 668,624	2 140 559,174	32,107	31,647	88	80	16 338	6 806,513	27 533,197	4,045	3,585
39	31	97 170	65 917,322	2 073 890,549	31,462	31,002	89	81	13 334	5 499,928	20 726,684	3,769	3,309
40	32	97 029	65 170,063	2 007 973,228	30,811	30,351	90	82	10 575	4 318,818	15 226,756	3,526	3,066
41	33	96 871	64 419,196	1 942 803,165	30,159	29,699	91	83	8 233	3 329,187	10 907,938	3,276	2,816
42	34	96 702	63 670,743	1 878 383,969	29,502	29,042	92	84	6 175	2 472,167	7 578,751	3,066	2,606
43	35	96 514	62 917,189	1 814 713,226	28,843	28,383	93	85	4 489	1 779,418	5 106,584	2,870	2,410
44	36	96 303	62 158,429	1 751 796,038	28,183	27,723	94	86	3 151	1 236,790	3 327,166	2,690	2,230
45	37	96 066	61 391,376	1 689 637,609	27,522	27,062	95	87	2 131	827,943	2 090,376	2,525	2,065
46	38	95 802	60 616,539	1 628 246,233	26,861	26,401	96	88	1 381	531,466	1 262,433	2,375	1,915
47	39	95 512	59 834,594	1 567 629,694	26,199	25,739	97	89	858	326,639	730,967	2,238	1,778
48	40	95 173	59 032,080	1 507 795,100	25,542	25,082	98	90	506	190,741	404,329	2,120	1,660
49	41	94 801	58 219,002	1 448 763,019	24,885	24,425	99	91	285	106,384	213,587	2,008	1,548
							100	92	151	55,928	107,203	1,917	1,457

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	41	94 461	57 435,995	1 399 032,812	24,358	23,898
1							51	42	94 008	56 594,412	1 341 596,817	23,705	23,245
2							52	43	93 480	55 719,333	1 285 002,405	23,062	22,602
3							53	44	92 917	54 835,280	1 229 283,072	22,418	21,958
4							54	45	92 300	53 932,035	1 174 447,792	21,776	21,316
5							55	46	91 612	53 000,011	1 120 515,756	21,142	20,682
6							56	47	90 864	52 046,762	1 067 515,745	20,511	20,051
7							57	48	90 054	51 072,178	1 015 468,983	19,883	19,423
8							58	49	89 171	50 070,994	964 396,805	19,261	18,801
9	0	99 497	90 974,076	4 431 558,709	48,712	48,252	59	50	88 205	49 038,153	914 325,812	18,645	18,185
10	1	99 176	89 782,318	4 340 584,633	48,346	47,886	60	51	87 171	47 983,347	865 287,659	18,033	17,573
11	2	99 140	88 861,977	4 250 802,315	47,836	47,376	61	52	86 054	46 899,530	817 304,312	17,427	16,967
12	3	99 117	87 961,502	4 161 940,338	47,315	46,855	62	53	84 860	45 790,665	770 404,783	16,824	16,365
13	4	99 095	87 071,175	4 073 978,836	46,789	46,329	63	54	83 590	44 659,089	724 614,118	16,225	15,765
14	5	99 072	86 189,251	3 986 907,661	46,258	45,798	64	55	82 270	43 518,544	679 955,029	15,624	15,165
15	6	99 047	85 314,459	3 900 718,410	45,722	45,262	65	56	80 823	42 329,790	636 436,485	15,035	14,575
16	7	99 021	84 447,369	3 815 403,951	45,181	44,721	66	57	79 306	41 123,839	594 106,695	14,447	13,987
17	8	98 987	83 582,368	3 730 956,583	44,638	44,178	67	58	77 682	39 883,139	552 982,855	13,865	13,405
18	9	98 946	82 720,692	3 647 374,214	44,093	43,633	68	59	75 957	38 611,083	513 099,717	13,289	12,829
19	10	98 892	81 856,594	3 564 653,523	43,548	43,088	69	60	74 150	37 319,713	474 488,633	12,714	12,254
20	11	98 836	81 000,778	3 482 796,929	42,997	42,537	70	61	72 206	35 981,408	437 168,921	12,150	11,690
21	12	98 775	80 149,242	3 401 796,151	42,443	41,983	71	62	70 157	34 613,969	401 187,513	11,590	11,130
22	13	98 714	79 306,416	3 321 646,909	41,884	41,424	72	63	67 976	33 206,159	366 573,544	11,039	10,579
23	14	98 653	78 472,450	3 242 340,492	41,318	40,858	73	64	65 688	31 770,610	333 367,385	10,493	10,033
24	15	98 590	77 646,460	3 163 868,042	40,747	40,287	74	65	63 259	30 292,813	301 596,775	9,956	9,496
25	16	98 523	76 825,000	3 086 221,582	40,172	39,712	75	66	60 639	28 750,792	271 303,962	9,436	8,976
26	17	98 454	76 010,870	3 009 396,581	39,592	39,132	76	67	57 870	27 166,038	242 553,170	8,929	8,469
27	18	98 381	75 202,490	2 933 385,711	39,006	38,547	77	68	54 955	25 542,263	215 387,133	8,433	7,973
28	19	98 296	74 393,786	2 858 183,221	38,420	37,960	78	69	51 877	23 873,102	189 844,870	7,952	7,492
29	20	98 216	73 597,748	2 783 789,436	37,824	37,364	79	70	48 615	22 150,443	165 971,768	7,493	7,033
30	21	98 130	72 804,973	2 710 191,688	37,225	36,765	80	71	45 223	20 400,869	143 821,325	7,050	6,590
31	22	98 047	72 022,929	2 637 386,715	36,619	36,159	81	72	41 737	18 641,703	123 420,456	6,621	6,161
32	23	97 955	71 242,948	2 565 363,785	36,009	35,549	82	73	38 136	16 864,724	104 778,753	6,213	5,753
33	24	97 860	70 469,608	2 494 120,837	35,393	34,933	83	74	34 502	15 106,731	87 914,029	5,820	5,360
34	25	97 766	69 704,538	2 423 651,229	34,770	34,310	84	75	30 884	13 388,513	72 807,298	5,438	4,978
35	26	97 667	68 944,483	2 353 946,691	34,143	33,683	85	76	27 253	11 697,818	59 418,785	5,079	4,619
36	27	97 562	68 188,383	2 285 002,208	33,510	33,050	86	77	23 698	10 070,931	47 720,967	4,738	4,279
37	28	97 450	67 435,661	2 216 813,825	32,873	32,413	87	78	20 255	8 522,561	37 650,036	4,418	3,958
38	29	97 333	66 687,758	2 149 378,164	32,230	31,770	88	79	16 954	7 062,940	29 127,475	4,124	3,664
39	30	97 198	65 935,984	2 082 690,406	31,587	31,127	89	80	13 915	5 739,648	22 064,536	3,844	3,384
40	31	97 059	65 189,752	2 016 754,422	30,937	30,477	90	81	11 104	4 534,622	16 324,888	3,600	3,140
41	32	96 905	64 442,039	1 951 564,670	30,284	29,824	91	82	8 714	3 523,487	11 790,265	3,346	2,886
42	33	96 738	63 694,032	1 887 122,632	29,628	29,168	92	83	6 588	2 637,573	8 266,778	3,134	2,674
43	34	96 555	62 943,926	1 823 428,600	28,969	28,509	93	84	4 839	1 918,129	5 629,205	2,935	2,475
44	35	96 341	62 183,163	1 760 484,674	28,311	27,851	94	85	3 436	1 348,374	3 711,076	2,752	2,292
45	36	96 112	61 420,564	1 698 301,511	27,650	27,190	95	86	2 352	914,069	2 362,702	2,585	2,125
46	37	95 853	60 648,906	1 636 880,948	26,989	26,529	96	87	1 549	596,009	1 448,633	2,431	1,971
47	38	95 565	59 867,924	1 576 232,041	26,328	25,869	97	88	977	372,148	852,624	2,291	1,831
48	39	95 236	59 071,159	1 516 364,118	25,670	25,210	98	89	589	222,184	480,477	2,163	1,703
49	40	94 868	58 260,147	1 457 292,959	25,014	24,554	99	90	337	125,868	258,293	2,052	1,592
							100	91	184	68,013	132,425	1,947	1,487

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10	0	99 489	90 066,269	4 349 271,460	48,290	47,830
11	1	99 167	88 885,440	4 259 205,191	47,918	47,458
12	2	99 132	87 974,605	4 170 319,751	47,404	46,944
13	3	99 106	87 080,905	4 082 345,146	46,880	46,420
14	4	99 084	86 199,524	3 995 264,241	46,349	45,889
15	5	99 057	85 323,083	3 909 064,718	45,815	45,355
16	6	99 030	84 454,724	3 823 741,634	45,276	44,816
17	7	98 995	83 589,543	3 739 286,911	44,734	44,274
18	8	98 953	82 726,784	3 655 697,368	44,190	43,730
19	9	98 899	81 862,241	3 572 970,584	43,646	43,186
20	10	98 843	81 006,527	3 491 108,343	43,097	42,637
21	11	98 783	80 155,652	3 410 101,816	42,543	42,084
22	12	98 722	79 312,801	3 329 946,164	41,985	41,525
23	13	98 661	78 479,480	3 250 633,363	41,420	40,960
24	14	98 601	77 654,877	3 172 153,883	40,849	40,389
25	15	98 535	76 834,666	3 094 499,006	40,275	39,815
26	16	98 469	76 022,568	3 017 664,340	39,694	39,234
27	17	98 396	75 214,560	2 941 641,773	39,110	38,650
28	18	98 318	74 410,782	2 866 427,213	38,522	38,062
29	19	98 237	73 612,952	2 792 016,431	37,928	37,468
30	20	98 152	72 821,139	2 718 403,479	37,330	36,870
31	21	98 067	72 038,006	2 645 582,340	36,725	36,265
32	22	97 977	71 258,933	2 573 544,334	36,115	35,655
33	23	97 883	70 485,720	2 502 285,401	35,501	35,041
34	24	97 786	69 718,631	2 431 799,681	34,880	34,420
35	25	97 688	68 959,653	2 362 081,050	34,253	33,793
36	26	97 585	68 204,525	2 293 121,397	33,621	33,161
37	27	97 476	67 453,782	2 224 916,872	32,984	32,524
38	28	97 357	66 704,626	2 157 463,090	32,344	31,884
39	29	97 226	65 954,908	2 090 758,464	31,700	31,240
40	30	97 086	65 208,208	2 024 803,556	31,051	30,591
41	31	96 934	64 461,508	1 959 595,349	30,399	29,939
42	32	96 772	63 716,618	1 895 133,841	29,743	29,283
43	33	96 590	62 966,949	1 831 417,224	29,085	28,625
44	34	96 382	62 209,588	1 768 450,275	28,427	27,967
45	35	96 150	61 445,004	1 706 240,687	27,769	27,309
46	36	95 899	60 677,741	1 644 795,684	27,107	26,647
47	37	95 616	59 899,891	1 584 117,942	26,446	25,986
48	38	95 289	59 104,063	1 524 218,051	25,789	25,329
49	39	94 931	58 298,715	1 465 113,988	25,131	24,671
50	40	94 528	57 476,586	1 406 815,273	24,476	24,016
51	41	94 083	56 639,808	1 349 338,687	23,823	23,363
52	42	93 563	55 768,972	1 292 698,879	23,180	22,720
53	43	93 012	54 891,486	1 236 929,907	22,534	22,074
54	44	92 404	53 992,678	1 182 038,421	21,893	21,433
55	45	91 728	53 067,366	1 128 045,743	21,257	20,797
56	46	90 992	52 120,205	1 074 978,377	20,625	20,165
57	47	90 201	51 155,824	1 022 858,172	19,995	19,535
58	48	89 329	50 159,698	971 702,348	19,372	18,912
59	49	88 387	49 139,264	921 542,651	18,754	18,294
60	50	87 364	48 089,287	872 403,386	18,141	17,681
61	51	86 265	47 014,565	824 314,099	17,533	17,073
62	52	85 093	45 916,723	777 299,535	16,928	16,468
63	53	83 842	44 793,763	731 382,812	16,328	15,868
64	54	82 534	43 657,866	686 589,048	15,727	15,267
65	55	81 110	42 480,305	642 931,183	15,135	14,675
66	56	79 606	41 279,554	600 450,877	14,546	14,086
67	57	77 994	40 043,174	559 171,323	13,964	13,504
68	58	76 293	38 782,202	519 128,149	13,386	12,926
69	59	74 502	37 496,773	480 345,947	12,810	12,350
70	60	72 597	36 176,375	442 849,174	12,241	11,781
71	61	70 562	34 814,035	406 672,798	11,681	11,221
72	62	68 408	33 416,941	371 858,763	11,128	10,668
73	63	66 134	31 986,128	338 441,822	10,581	10,121
74	64	63 727	30 517,096	306 455,694	10,042	9,582
75	65	61 116	28 977,099	275 938,599	9,523	9,063
76	66	58 369	27 400,428	246 961,499	9,013	8,553
77	67	55 461	25 777,672	219 561,071	8,517	8,058
78	68	52 386	24 107,198	193 783,399	8,038	7,578
79	69	49 137	22 388,240	169 676,201	7,579	7,119
80	70	45 754	20 640,395	147 287,961	7,136	6,676
81	71	42 281	18 884,887	126 647,566	6,706	6,246
82	72	38 696	17 112,473	107 762,679	6,297	5,837
83	73	35 072	15 356,445	90 650,205	5,903	5,443
84	74	31 469	13 642,364	75 293,760	5,519	5,059
85	75	27 851	11 954,333	61 651,396	5,157	4,697
86	76	24 293	10 323,790	49 697,063	4,814	4,354
87	77	20 832	8 765,575	39 373,273	4,492	4,032
88	78	17 515	7 296,940	30 607,698	4,195	3,735
89	79	14 439	5 955,882	23 310,758	3,914	3,454
90	80	11 588	4 732,268	17 354,877	3,667	3,207
91	81	9 149	3 699,550	12 622,608	3,412	2,952
92	82	6 973	2 791,509	8 923,058	3,197	2,737
93	83	5 163	2 046,466	6 131,549	2,996	2,536
94	84	3 704	1 453,484	4 085,083	2,811	2,351
95	85	2 565	996,537	2 631,599	2,641	2,181
96	86	1 710	658,008	1 635,062	2,485	2,025
97	87	1 096	417,342	977,054	2,341	1,881
98	88	671	253,140	559,712	2,211	1,751
99	89	393	146,617	306,572	2,091	1,631
100	90	218	80,469	159,955	1,988	1,528

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$
0							50	39	94 590	57 514,635	1 413 947,387	24,584	24,124
1							51	40	94 150	56 679,837	1 356 432,752	23,931	23,472
2							52	41	93 638	55 813,707	1 299 752,915	23,287	22,827
3							53	42	93 095	54 940,388	1 243 939,209	22,642	22,182
4							54	43	92 498	54 048,019	1 188 998,821	21,999	21,539
5							55	44	91 831	53 127,036	1 134 950,802	21,363	20,903
6							56	45	91 108	52 186,442	1 081 823,766	20,730	20,270
7							57	46	90 329	51 228,010	1 029 637,324	20,099	19,639
8							58	47	89 476	50 241,849	978 409,314	19,474	19,014
9							59	48	88 544	49 226,317	928 167,465	18,855	18,395
10							60	49	87 544	48 188,442	878 941,148	18,240	17,780
11	0	99 480	89 166,554	4 267 193,794	47,856	47,396	61	50	86 456	47 118,366	830 752,706	17,631	17,171
12	1	99 158	87 997,834	4 178 027,240	47,479	47,019	62	51	85 302	46 029,347	783 634,339	17,025	16,565
13	2	99 121	87 093,876	4 090 029,407	46,961	46,501	63	52	84 073	44 917,077	737 604,992	16,421	15,962
14	3	99 095	86 209,156	4 002 935,530	46,433	45,973	64	53	82 782	43 789,521	692 687,915	15,819	15,359
15	4	99 069	85 333,253	3 916 726,374	45,899	45,439	65	54	81 370	42 616,303	648 898,394	15,227	14,767
16	5	99 040	84 463,261	3 831 393,121	45,362	44,902	66	55	79 889	41 426,335	606 282,091	14,635	14,175
17	6	99 004	83 596,823	3 746 929,860	44,821	44,361	67	56	78 289	40 194,797	564 855,756	14,053	13,593
18	7	98 962	82 733,885	3 663 333,037	44,279	43,819	68	57	76 599	38 937,820	524 660,959	13,474	13,014
19	8	98 906	81 868,270	3 580 599,152	43,736	43,276	69	58	74 832	37 662,954	485 723,139	12,897	12,437
20	9	98 850	81 012,115	3 498 730,882	43,188	42,728	70	59	72 942	36 348,011	448 060,185	12,327	11,867
21	10	98 790	80 161,341	3 417 718,767	42,635	42,176	71	60	70 945	35 002,677	411 712,174	11,762	11,302
22	11	98 730	79 319,144	3 337 557,425	42,078	41,618	72	61	68 803	33 610,088	376 709,497	11,208	10,748
23	12	98 669	78 485,798	3 258 238,281	41,514	41,054	73	62	66 553	32 189,166	343 099,409	10,659	10,199
24	13	98 610	77 661,834	3 179 752,483	40,944	40,484	74	63	64 160	30 724,110	310 910,243	10,119	9,659
25	14	98 546	76 842,994	3 102 090,649	40,369	39,909	75	64	61 569	29 191,641	280 186,133	9,598	9,138
26	15	98 481	76 032,132	3 025 247,655	39,789	39,329	76	65	58 828	27 616,107	250 994,492	9,089	8,629
27	16	98 411	75 226,135	2 949 215,523	39,205	38,745	77	66	55 940	26 000,084	223 378,386	8,591	8,131
28	17	98 334	74 422,725	2 873 989,388	38,617	38,157	78	67	52 869	24 329,382	197 378,302	8,113	7,653
29	18	98 259	73 629,770	2 799 566,664	38,022	37,562	79	68	49 619	22 607,776	173 048,920	7,654	7,194
30	19	98 172	72 836,183	2 725 936,894	37,426	36,966	80	69	46 245	20 861,981	150 441,144	7,211	6,751
31	20	98 089	72 054,001	2 653 100,711	36,821	36,361	81	70	42 777	19 106,614	129 579,163	6,782	6,322
32	21	97 997	71 273,850	2 581 046,710	36,213	35,753	82	71	39 201	17 335,709	110 472,550	6,373	5,913
33	22	97 905	70 501,536	2 509 772,860	35,599	35,139	83	72	35 588	15 582,038	93 136,841	5,977	5,517
34	23	97 808	69 734,571	2 439 271,324	34,979	34,519	84	73	31 989	13 867,872	77 554,803	5,592	5,132
35	24	97 708	68 973,595	2 369 536,753	34,354	33,894	85	74	28 379	12 180,991	63 686,931	5,228	4,768
36	25	97 606	68 219,532	2 300 563,158	33,723	33,263	86	75	24 825	10 550,175	51 505,940	4,882	4,422
37	26	97 499	67 469,750	2 232 343,626	33,087	32,627	87	76	21 355	8 985,659	40 955,765	4,558	4,098
38	27	97 383	66 722,551	2 164 873,876	32,446	31,986	88	77	18 015	7 505,007	31 970,106	4,260	3,800
39	28	97 250	65 971,590	2 098 151,325	31,804	31,344	89	78	14 918	6 153,204	24 465,099	3,976	3,516
40	29	97 114	65 226,922	2 032 179,735	31,156	30,696	90	79	12 024	4 910,550	18 311,895	3,729	3,269
41	30	96 962	64 479,757	1 966 952,813	30,505	30,045	91	80	9 548	3 860,799	13 401,345	3,471	3,011
42	31	96 801	63 735,867	1 902 473,056	29,849	29,389	92	81	7 321	2 930,996	9 540,546	3,255	2,795
43	32	96 624	62 989,277	1 838 737,188	29,191	28,731	93	82	5 464	2 165,903	6 609,550	3,052	2,592
44	33	96 418	62 232,342	1 775 747,912	28,534	28,074	94	83	3 951	1 550,733	4 443,647	2,866	2,406
45	34	96 191	61 471,115	1 713 515,570	27,875	27,415	95	84	2 765	1 074,220	2 892,914	2,693	2,233
46	35	95 937	60 701,886	1 652 044,455	27,216	26,756	96	85	1 865	717,374	1 818,694	2,535	2,075
47	36	95 661	59 928,370	1 591 342,569	26,554	26,094	97	86	1 210	460,756	1 101,320	2,390	1,930
48	37	95 340	59 135,623	1 531 414,199	25,897	25,437	98	87	753	283,882	640,564	2,256	1,796
49	38	94 983	58 331,189	1 472 278,576	25,240	24,780	99	88	447	167,044	356,682	2,135	1,675
							100	89	254	93,734	189,638	2,023	1,563

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	38	94 643	57 546,672	1 420 478,714	24,684	24,224
1							51	39	94 212	56 717,358	1 362 932,042	24,030	23,570
2							52	40	93 704	55 853,151	1 306 214,683	23,387	22,927
3							53	41	93 169	54 984,457	1 250 361,532	22,740	22,280
4							54	42	92 581	54 096,170	1 195 377,074	22,097	21,637
5							55	43	91 926	53 181,490	1 141 280,905	21,460	21,000
6							56	44	91 210	52 245,121	1 088 099,414	20,827	20,367
7							57	45	90 443	51 293,113	1 035 854,293	20,195	19,735
8							58	46	89 602	50 312,745	984 561,181	19,569	19,109
9							59	47	88 689	49 306,940	934 248,436	18,948	18,488
10							60	48	87 699	48 273,811	884 941,495	18,332	17,872
11							61	49	86 634	47 215,519	836 667,684	17,720	17,260
12	0	99 472	88 276,141	4 185 373,735	47,412	46,952	62	50	85 490	46 130,974	789 452,165	17,113	16,653
13	1	99 147	87 116,872	4 097 097,595	47,030	46,570	63	51	84 280	45 027,250	743 321,191	16,508	16,048
14	2	99 110	86 221,998	4 009 980,723	46,508	46,048	64	52	83 010	43 910,070	698 293,942	15,903	15,443
15	3	99 080	85 342,789	3 923 758,724	45,976	45,516	65	53	81 616	42 744,817	654 383,871	15,309	14,849
16	4	99 052	84 473,328	3 838 415,935	45,439	44,979	66	54	80 145	41 558,958	611 639,054	14,717	14,257
17	5	99 014	83 605,273	3 753 942,607	44,901	44,441	67	55	78 568	40 337,720	570 080,095	14,133	13,673
18	6	98 971	82 741,091	3 670 337,334	44,359	43,899	68	56	76 889	39 085,257	529 742,375	13,554	13,094
19	7	98 914	81 875,298	3 587 596,243	43,818	43,358	69	57	75 133	37 814,080	490 657,118	12,976	12,516
20	8	98 857	81 018,082	3 505 720,946	43,271	42,811	70	58	73 265	36 509,101	452 843,038	12,404	11,944
21	9	98 797	80 166,872	3 424 702,864	42,720	42,260	71	59	71 281	35 168,745	416 333,937	11,838	11,378
22	10	98 737	79 324,774	3 344 535,992	42,163	41,703	72	60	69 176	33 792,207	381 165,192	11,280	10,820
23	11	98 677	78 492,075	3 265 211,218	41,599	41,139	73	61	66 938	32 375,216	347 372,986	10,730	10,270
24	12	98 618	77 668,086	3 186 719,144	41,030	40,570	74	62	64 567	30 919,137	314 997,769	10,188	9,728
25	13	98 555	76 849,878	3 109 051,058	40,456	39,996	75	63	61 987	29 389,664	284 078,632	9,666	9,206
26	14	98 492	76 040,374	3 032 201,180	39,876	39,416	76	64	59 264	27 820,571	254 688,968	9,155	8,695
27	15	98 424	75 235,599	2 956 160,806	39,292	38,832	77	65	56 380	26 204,740	226 868,396	8,658	8,198
28	16	98 349	74 434,178	2 880 925,207	38,704	38,244	78	66	53 325	24 539,297	200 663,657	8,177	7,717
29	17	98 275	73 641,587	2 806 491,029	38,110	37,650	79	67	50 076	22 816,140	176 124,360	7,719	7,259
30	18	98 195	72 852,823	2 732 849,442	37,512	37,052	80	68	46 699	21 066,550	153 308,220	7,277	6,817
31	19	98 109	72 068,886	2 659 996,619	36,909	36,449	81	69	43 237	19 311,734	132 241,670	6,848	6,388
32	20	98 019	71 289,676	2 587 927,732	36,302	35,842	82	70	39 661	17 539,247	112 929,936	6,439	5,979
33	21	97 925	70 516,294	2 516 638,056	35,689	35,229	83	71	36 052	15 785,308	95 390,689	6,043	5,583
34	22	97 830	69 750,218	2 446 121,762	35,070	34,610	84	72	32 459	14 071,597	79 605,381	5,657	5,197
35	23	97 731	68 989,365	2 376 371,545	34,445	33,985	85	73	28 848	12 382,343	65 533,784	5,293	4,833
36	24	97 626	68 233,325	2 307 382,180	33,816	33,356	86	74	25 296	10 750,210	53 151,441	4,944	4,484
37	25	97 520	67 484,595	2 239 148,856	33,180	32,720	87	75	21 824	9 182,701	42 401,231	4,618	4,158
38	26	97 406	66 738,561	2 171 664,260	32,540	32,080	88	76	18 467	7 693,441	33 218,530	4,318	3,858
39	27	97 276	65 989,318	2 104 925,915	31,898	31,438	89	77	15 343	6 328,658	25 525,090	4,033	3,573
40	28	97 139	65 243,421	2 038 936,597	31,251	30,791	90	78	12 423	5 073,240	19 196,432	3,784	3,324
41	29	96 989	64 498,263	1 973 693,176	30,601	30,141	91	79	9 908	4 006,249	14 123,192	3,525	3,065
42	30	96 829	63 753,912	1 909 194,913	29,946	29,486	92	80	7 640	3 058,746	10 116,942	3,308	2,848
43	31	96 653	63 008,307	1 845 441,001	29,289	28,829	93	81	5 737	2 274,130	7 058,196	3,104	2,644
44	32	96 452	62 254,410	1 782 432,694	28,631	28,171	94	82	4 182	1 641,238	4 784,066	2,915	2,455
45	33	96 226	61 493,599	1 720 178,285	27,973	27,513	95	83	2 950	1 146,093	3 142,828	2,742	2,282
46	34	95 978	60 727,681	1 658 684,686	27,313	26,854	96	84	2 010	773,295	1 996,735	2,582	2,122
47	35	95 700	59 952,216	1 597 957,004	26,654	26,194	97	85	1 319	502,326	1 223,440	2,436	1,976
48	36	95 385	59 163,738	1 538 004,788	25,996	25,536	98	86	831	313,413	721,114	2,301	1,841
49	37	95 034	58 362,336	1 478 841,050	25,339	24,879	99	87	502	187,330	407,701	2,176	1,716
							100	88	289	106,793	220,371	2,064	1,604

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	37	94 694	57 577,400	1 426 460,317	24,775	24,315
1							51	38	94 264	56 748,951	1 368 882,917	24,122	23,662
2							52	39	93 766	55 890,126	1 312 133,965	23,477	23,017
3							53	40	93 235	55 023,316	1 256 243,839	22,831	22,371
4							54	41	92 655	54 139,562	1 201 220,523	22,187	21,728
5							55	42	92 007	53 228,869	1 147 080,961	21,550	21,090
6							56	43	91 304	52 298,672	1 093 852,092	20,915	20,456
7							57	44	90 545	51 350,788	1 041 553,420	20,283	19,823
8							58	45	89 716	50 376,685	990 202,633	19,656	19,196
9							59	46	88 814	49 376,517	939 825,948	19,034	18,574
10							60	47	87 843	48 352,874	890 449,431	18,416	17,956
11							61	48	86 788	47 299,165	842 096,557	17,804	17,344
12							62	49	85 667	46 226,091	794 797,393	17,194	16,734
13	0	99 461	87 392,393	4 103 854,810	46,959	46,499	63	50	84 466	45 126,664	748 571,302	16,588	16,128
14	1	99 136	86 244,764	4 016 462,417	46,571	46,111	64	51	83 214	44 017,773	703 444,638	15,981	15,521
15	2	99 095	85 355,502	3 930 217,653	46,045	45,585	65	52	81 840	42 862,491	659 426,866	15,385	14,925
16	3	99 063	84 482,768	3 844 862,151	45,511	45,051	66	53	80 386	41 684,284	616 564,375	14,791	14,331
17	4	99 026	83 615,239	3 760 379,383	44,972	44,512	67	54	78 819	40 466,859	574 880,091	14,206	13,746
18	5	98 981	82 749,455	3 676 764,145	44,432	43,973	68	55	77 163	39 224,235	534 413,232	13,625	13,165
19	6	98 923	81 882,429	3 594 014,690	43,892	43,432	69	56	75 417	37 957,263	495 188,996	13,046	12,586
20	7	98 866	81 025,036	3 512 132,262	43,346	42,886	70	57	73 559	36 655,597	457 231,734	12,474	12,014
21	8	98 804	80 172,776	3 431 107,226	42,796	42,336	71	58	71 597	35 324,608	420 576,136	11,906	11,446
22	9	98 744	79 330,246	3 350 934,450	42,240	41,780	72	59	69 504	33 952,531	385 251,529	11,347	10,887
23	10	98 684	78 497,646	3 271 604,203	41,678	41,218	73	60	67 301	32 550,643	351 298,997	10,792	10,332
24	11	98 626	77 674,297	3 193 106,558	41,109	40,649	74	61	64 940	31 097,848	318 748,354	10,250	9,790
25	12	98 563	76 856,065	3 115 432,260	40,536	40,076	75	62	62 380	29 576,220	287 650,506	9,726	9,266
26	13	98 501	76 047,186	3 038 576,195	39,956	39,496	76	63	59 666	28 009,294	258 074,286	9,214	8,754
27	14	98 435	75 243,754	2 962 529,009	39,372	38,912	77	64	56 798	26 398,755	230 064,992	8,715	8,255
28	15	98 362	74 443,542	2 887 285,255	38,785	38,325	78	65	53 745	24 732,455	203 666,237	8,235	7,775
29	16	98 290	73 652,920	2 812 841,713	38,190	37,731	79	66	50 508	23 012,999	178 933,783	7,775	7,315
30	17	98 210	72 864,516	2 739 188,793	37,593	37,133	80	67	47 129	21 260,710	155 920,784	7,334	6,874
31	18	98 132	72 085,352	2 666 324,277	36,988	36,528	81	68	43 661	19 501,102	134 660,074	6,905	6,445
32	19	98 039	71 304,403	2 594 238,925	36,383	35,923	82	69	40 087	17 727,540	115 158,973	6,496	6,036
33	20	97 947	70 531,951	2 522 934,522	35,770	35,310	83	70	36 475	15 970,643	97 431,432	6,101	5,641
34	21	97 851	69 764,819	2 452 402,571	35,152	34,692	84	71	32 883	14 255,164	81 460,789	5,714	5,254
35	22	97 752	69 004,845	2 382 637,752	34,529	34,069	85	72	29 272	12 564,245	67 205,626	5,349	4,889
36	23	97 648	68 248,925	2 313 632,907	33,900	33,440	86	73	25 714	10 927,911	54 641,381	5,000	4,540
37	24	97 540	67 498,239	2 245 383,983	33,266	32,806	87	74	22 238	9 356,808	43 713,470	4,672	4,212
38	25	97 428	66 753,030	2 177 885,744	32,626	32,166	88	75	18 872	7 862,146	34 356,662	4,370	3,910
39	26	97 299	66 004,939	2 111 132,714	31,984	31,524	89	76	15 728	6 487,556	26 494,517	4,084	3,624
40	27	97 165	65 260,953	2 045 127,775	31,338	30,878	90	77	12 777	5 217,900	20 006,960	3,834	3,374
41	28	97 014	64 514,577	1 979 866,822	30,689	30,229	91	78	10 236	4 138,979	14 789,060	3,573	3,113
42	29	96 857	63 772,209	1 915 352,244	30,034	29,574	92	79	7 928	3 173,980	10 650,081	3,355	2,895
43	30	96 681	63 026,145	1 851 580,035	29,378	28,918	93	80	5 987	2 373,250	7 476,101	3,150	2,690
44	31	96 481	62 273,218	1 788 553,890	28,721	28,261	94	81	4 391	1 723,248	5 102,850	2,961	2,501
45	32	96 260	61 515,405	1 726 280,672	28,063	27,603	95	82	3 122	1 212,982	3 379,603	2,786	2,326
46	33	96 013	60 749,894	1 664 765,268	27,404	26,944	96	83	2 144	825,035	2 166,620	2,626	2,166
47	34	95 740	59 977,693	1 604 015,374	26,744	26,284	97	84	1 422	541,483	1 341,586	2,478	2,018
48	35	95 423	59 187,280	1 544 037,680	26,087	25,627	98	85	906	341,689	800,102	2,342	1,882
49	36	95 079	58 390,083	1 484 850,400	25,430	24,970	99	86	554	206,817	458,413	2,217	1,757
							100	87	324	119,762	251,596	2,101	1,641

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	36	94 739	57 604,775	1 431 937,665	24,858	24,398
1							51	37	94 315	56 779,254	1 374 332,890	24,205	23,745
2							52	38	93 818	55 921,258	1 317 553,637	23,561	23,101
3							53	39	93 297	55 059,741	1 261 632,379	22,914	22,454
4							54	40	92 720	54 177,824	1 206 572,638	22,271	21,811
5							55	41	92 081	53 271,566	1 152 394,814	21,632	21,172
6							56	42	91 385	52 345,264	1 099 123,248	20,998	20,538
7							57	43	90 638	51 403,422	1 046 777,984	20,364	19,904
8							58	44	89 817	50 433,329	995 374,563	19,736	19,276
9							59	45	88 927	49 439,267	944 941,234	19,113	18,653
10							60	46	87 966	48 421,104	895 501,967	18,494	18,034
11							61	47	86 930	47 376,631	847 080,862	17,880	17,420
12							62	48	85 819	46 307,983	799 704,231	17,269	16,809
13							63	49	84 640	45 219,710	753 396,248	16,661	16,201
14	0	99 450	86 517,526	4 022 679,618	46,496	46,036	64	50	83 398	44 114,958	708 176,538	16,053	15,593
15	1	99 121	85 378,039	3 936 162,091	46,103	45,643	65	51	82 041	42 967,624	664 061,580	15,455	14,995
16	2	99 077	84 495,353	3 850 784,053	45,574	45,114	66	52	80 608	41 799,038	621 093,956	14,859	14,399
17	3	99 037	83 624,582	3 766 288,700	45,038	44,578	67	53	79 057	40 588,891	579 294,919	14,272	13,812
18	4	98 992	82 759,318	3 682 664,118	44,498	44,039	68	54	77 410	39 349,809	538 706,027	13,690	13,230
19	5	98 933	81 890,706	3 599 904,800	43,960	43,500	69	55	75 685	38 092,230	499 356,218	13,109	12,649
20	6	98 875	81 032,093	3 518 014,094	43,415	42,955	70	56	73 838	36 794,393	461 263,988	12,536	12,076
21	7	98 813	80 179,657	3 436 982,001	42,866	42,406	71	57	71 884	35 466,351	424 469,595	11,968	11,508
22	8	98 751	79 336,089	3 356 802,344	42,311	41,851	72	58	69 812	34 103,004	389 003,244	11,407	10,947
23	9	98 691	78 503,061	3 277 466,255	41,750	41,290	73	59	67 620	32 705,078	354 900,239	10,852	10,392
24	10	98 633	77 679,810	3 198 963,194	41,181	40,721	74	60	65 292	31 266,353	322 195,162	10,305	9,845
25	11	98 571	76 862,212	3 121 283,383	40,609	40,149	75	61	62 741	29 747,169	290 928,809	9,780	9,320
26	12	98 509	76 053,308	3 044 421,172	40,030	39,570	76	62	60 045	28 187,088	261 181,640	9,266	8,806
27	13	98 443	75 250,495	2 968 367,864	39,446	38,987	77	63	57 183	26 577,833	232 994,552	8,766	8,307
28	14	98 372	74 451,612	2 893 117,369	38,859	38,399	78	64	54 142	24 915,569	206 416,719	8,285	7,825
29	15	98 302	73 662,186	2 818 665,757	38,265	37,805	79	65	50 906	23 194,142	181 501,150	7,825	7,365
30	16	98 225	72 875,729	2 745 003,571	37,667	37,207	80	66	47 536	21 444,148	158 307,008	7,382	6,922
31	17	98 148	72 096,921	2 672 127,841	37,063	36,603	81	67	44 063	19 680,833	136 862,860	6,954	6,494
32	18	98 062	71 320,694	2 600 030,920	36,455	35,996	82	68	40 480	17 901,374	117 182,027	6,546	6,086
33	19	97 967	70 546,522	2 528 710,227	35,845	35,385	83	69	36 867	16 142,096	99 280,653	6,150	5,690
34	20	97 872	69 780,309	2 458 163,705	35,227	34,767	84	70	33 269	14 422,533	83 138,556	5,764	5,305
35	21	97 773	69 019,290	2 388 383,395	34,605	34,145	85	71	29 654	12 728,147	68 716,023	5,399	4,939
36	22	97 670	68 264,239	2 319 364,106	33,976	33,516	86	72	26 092	11 088,446	55 987,876	5,049	4,589
37	23	97 562	67 513,671	2 251 099,867	33,343	32,883	87	73	22 605	9 511,476	44 899,430	4,721	4,261
38	24	97 448	66 766,526	2 183 586,196	32,705	32,245	88	74	19 230	8 011,215	35 387,954	4,417	3,957
39	25	97 321	66 019,462	2 116 819,670	32,064	31,604	89	75	16 073	6 629,819	27 376,739	4,129	3,669
40	26	97 188	65 276,402	2 050 800,208	31,417	30,957	90	76	13 098	5 348,910	20 746,920	3,879	3,419
41	27	97 040	64 531,914	1 985 523,806	30,768	30,308	91	77	10 528	4 256,999	15 398,011	3,617	3,157
42	28	96 881	63 788,340	1 920 991,893	30,115	29,655	92	78	8 191	3 279,137	11 141,011	3,398	2,938
43	29	96 708	63 044,234	1 857 203,553	29,459	28,999	93	79	6 213	2 462,659	7 861,875	3,192	2,732
44	30	96 508	62 290,848	1 794 159,319	28,803	28,343	94	80	4 582	1 798,357	5 399,215	3,002	2,542
45	31	96 289	61 533,990	1 731 868,471	28,145	27,685	95	81	3 278	1 273,593	3 600,858	2,827	2,367
46	32	96 047	60 771,436	1 670 334,482	27,486	27,026	96	82	2 270	873,186	2 327,265	2,665	2,205
47	33	95 775	59 999,631	1 609 563,046	26,826	26,366	97	83	1 517	577,713	1 454,079	2,517	2,057
48	34	95 464	59 212,432	1 549 563,415	26,170	25,710	98	84	977	368,325	876,367	2,379	1,919
49	35	95 117	58 413,318	1 490 350,983	25,514	25,054	99	85	604	225,476	508,042	2,253	1,793
							100	86	358	132,221	282,566	2,137	1,677

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$(12)ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$(12)ä_{xy}$
0							50	35	94 776	57 627,697	1 436 951,552	24,935	24,475
1							51	36	94 360	56 806,249	1 379 323,856	24,281	23,821
2							52	37	93 869	55 951,118	1 322 517,607	23,637	23,177
3							53	38	93 349	55 090,411	1 266 566,489	22,991	22,531
4							54	39	92 782	54 213,689	1 211 476,078	22,346	21,886
5							55	40	92 146	53 309,214	1 157 262,389	21,708	21,249
6							56	41	91 458	52 387,252	1 103 953,175	21,073	20,613
7							57	42	90 719	51 449,216	1 051 565,923	20,439	19,979
8							58	43	89 909	50 485,023	1 000 116,708	19,810	19,350
9							59	44	89 027	49 494,857	949 631,685	19,186	18,726
10							60	45	88 078	48 482,640	900 136,827	18,566	18,106
11							61	46	87 052	47 443,484	851 654,187	17,951	17,491
12							62	47	85 959	46 383,826	804 210,703	17,338	16,878
13							63	48	84 790	45 299,819	757 826,877	16,729	16,269
14							64	49	83 570	44 205,918	712 527,058	16,118	15,658
15	0	99 435	85 648,060	3 941 884,913	46,024	45,564	65	50	82 222	43 062,490	668 321,139	15,520	15,060
16	1	99 104	84 517,662	3 856 236,852	45,626	45,166	66	51	80 805	41 901,562	625 258,649	14,922	14,462
17	2	99 052	83 637,039	3 771 719,190	45,096	44,636	67	52	79 274	40 700,629	583 357,087	14,333	13,873
18	3	99 003	82 768,566	3 688 082,151	44,559	44,099	68	53	77 643	39 468,473	542 656,457	13,749	13,289
19	4	98 945	81 900,467	3 605 313,585	44,021	43,561	69	54	75 928	38 214,180	503 187,984	13,168	12,708
20	5	98 885	81 040,284	3 523 413,119	43,477	43,017	70	55	74 100	36 925,225	464 973,804	12,592	12,132
21	6	98 821	80 186,641	3 442 372,834	42,930	42,470	71	56	72 156	35 600,644	428 048,579	12,024	11,564
22	7	98 759	79 342,899	3 362 186,194	42,375	41,915	72	57	70 092	34 239,846	392 447,935	11,462	11,002
23	8	98 698	78 508,843	3 282 843,295	41,815	41,355	73	58	67 920	32 850,022	358 208,089	10,904	10,444
24	9	98 640	77 685,169	3 204 334,452	41,248	40,788	74	59	65 602	31 414,694	325 358,067	10,357	9,897
25	10	98 578	76 867,667	3 126 649,282	40,676	40,216	75	60	63 081	29 908,355	293 943,373	9,828	9,368
26	11	98 516	76 059,390	3 049 781,615	40,097	39,637	76	61	60 392	28 350,007	264 035,017	9,313	8,853
27	12	98 451	75 256,553	2 973 722,225	39,514	39,054	77	62	57 546	26 746,540	235 685,010	8,812	8,352
28	13	98 381	74 458,282	2 898 465,672	38,927	38,467	78	63	54 510	25 084,586	208 938,470	8,329	7,869
29	14	98 313	73 670,171	2 824 007,390	38,333	37,873	79	64	51 283	23 365,867	183 853,884	7,868	7,409
30	15	98 238	72 884,898	2 750 337,219	37,735	37,275	80	65	47 910	21 612,943	160 488,017	7,426	6,966
31	16	98 163	72 108,017	2 677 452,322	37,131	36,671	81	66	44 443	19 850,641	138 875,074	6,996	6,536
32	17	98 077	71 332,140	2 605 344,305	36,524	36,064	82	67	40 853	18 066,361	119 024,433	6,588	6,128
33	18	97 990	70 562,639	2 534 012,165	35,912	35,452	83	68	37 228	16 300,383	100 958,072	6,194	5,734
34	19	97 892	69 794,725	2 463 449,526	35,296	34,836	84	69	33 626	14 577,367	84 657,688	5,807	5,347
35	20	97 795	69 034,615	2 393 654,801	34,673	34,213	85	70	30 002	12 877,588	70 080,322	5,442	4,982
36	21	97 691	68 278,529	2 324 620,186	34,046	33,586	86	71	26 432	11 233,097	57 202,733	5,092	4,632
37	22	97 584	67 528,820	2 256 341,658	33,413	32,953	87	72	22 937	9 651,203	45 969,636	4,763	4,303
38	23	97 470	66 781,791	2 188 812,838	32,776	32,316	88	73	19 548	8 143,640	36 318,433	4,460	4,000
39	24	97 340	66 032,810	2 122 031,046	32,136	31,676	89	74	16 378	6 755,522	28 174,793	4,171	3,711
40	25	97 209	65 290,764	2 055 998,237	31,490	31,030	90	75	13 385	5 466,203	21 419,271	3,918	3,459
41	26	97 063	64 547,190	1 990 707,473	30,841	30,381	91	76	10 792	4 363,883	15 953,067	3,656	3,196
42	27	96 907	63 805,481	1 926 160,283	30,188	29,728	92	77	8 424	3 372,639	11 589,185	3,436	2,976
43	28	96 733	63 060,180	1 862 354,802	29,533	29,073	93	78	6 419	2 544,249	8 216,546	3,229	2,769
44	29	96 536	62 308,726	1 799 294,622	28,877	28,417	94	79	4 755	1 866,108	5 672,297	3,040	2,580
45	30	96 316	61 551,411	1 736 985,897	28,220	27,760	95	80	3 420	1 329,104	3 806,189	2,864	2,404
46	31	96 076	60 789,796	1 675 434,486	27,561	27,101	96	81	2 383	916,817	2 477,085	2,702	2,242
47	32	95 809	60 020,907	1 614 644,690	26,901	26,441	97	82	1 605	611,429	1 560,268	2,552	2,092
48	33	95 499	59 234,090	1 554 623,783	26,245	25,785	98	83	1 042	392,968	948,838	2,415	1,955
49	34	95 158	58 438,141	1 495 389,693	25,589	25,129	99	84	651	243,053	555,870	2,287	1,827
							100	85	390	144,150	312,817	2,170	1,710

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	34	94 817	57 652,186	1 441 545,207	25,004	24,544
1							51	35	94 397	56 828,853	1 383 893,021	24,352	23,892
2							52	36	93 913	55 977,719	1 327 064,169	23,707	23,247
3							53	37	93 399	55 119,827	1 271 086,449	23,060	22,600
4							54	38	92 834	54 243,887	1 215 966,622	22,417	21,957
5							55	39	92 207	53 344,504	1 161 722,734	21,778	21,318
6							56	40	91 523	52 424,275	1 108 378,230	21,142	20,682
7							57	41	90 792	51 490,485	1 055 953,955	20,508	20,048
8							58	42	89 989	50 529,999	1 004 463,470	19,879	19,419
9							59	43	89 118	49 545,589	953 933,471	19,254	18,794
10							60	44	88 177	48 537,155	904 387,882	18,633	18,173
11							61	45	87 163	47 503,777	855 850,727	18,016	17,556
12							62	46	86 080	46 449,278	808 346,950	17,403	16,943
13							63	47	84 929	45 374,011	761 897,671	16,791	16,332
14							64	48	83 718	44 284,232	716 523,660	16,180	15,720
15							65	49	82 392	43 151,281	672 239,428	15,579	15,119
16	0	99 417	84 784,963	3 861 507,283	45,545	45,085	66	50	80 984	41 994,075	629 088,148	14,980	14,520
17	1	99 078	83 659,122	3 776 722,321	45,144	44,684	67	51	79 469	40 800,460	587 094,073	14,389	13,929
18	2	99 018	82 780,895	3 693 063,198	44,613	44,153	68	52	77 857	39 577,127	546 293,613	13,803	13,343
19	3	98 956	81 909,619	3 610 282,303	44,076	43,616	69	53	76 157	38 329,419	506 716,486	13,220	12,760
20	4	98 896	81 049,944	3 528 372,684	43,533	43,073	70	54	74 337	37 043,439	468 387,067	12,644	12,184
21	5	98 831	80 194,747	3 447 322,741	42,987	42,527	71	55	72 413	35 727,232	431 343,628	12,073	11,613
22	6	98 768	79 349,809	3 367 127,994	42,434	41,974	72	56	70 358	34 369,495	395 616,396	11,511	11,051
23	7	98 707	78 515,582	3 287 778,185	41,874	41,414	73	57	68 192	32 981,836	361 246,901	10,953	10,493
24	8	98 647	77 690,891	3 209 262,603	41,308	40,848	74	58	65 892	31 553,920	328 265,065	10,403	9,943
25	9	98 584	76 872,970	3 131 571,712	40,737	40,277	75	59	63 380	30 050,253	296 711,146	9,874	9,414
26	10	98 523	76 064,789	3 054 698,742	40,159	39,699	76	60	60 719	28 503,623	266 660,892	9,355	8,895
27	11	98 459	75 262,572	2 978 633,954	39,577	39,117	77	61	57 878	26 901,133	238 157,269	8,853	8,393
28	12	98 389	74 464,276	2 903 371,382	38,990	38,530	78	62	54 856	25 243,815	211 256,136	8,369	7,909
29	13	98 322	73 676,771	2 828 907,106	38,396	37,936	79	63	51 631	23 524,371	186 012,321	7,907	7,447
30	14	98 248	72 892,798	2 755 230,335	37,798	37,338	80	64	48 264	21 772,961	162 487,950	7,463	7,003
31	15	98 175	72 117,088	2 682 337,537	37,194	36,734	81	65	44 793	20 006,892	140 714,988	7,033	6,573
32	16	98 093	71 343,118	2 610 220,449	36,587	36,127	82	66	41 205	18 222,239	120 708,097	6,624	6,164
33	17	98 005	70 573,964	2 538 877,331	35,975	35,515	83	67	37 571	16 450,615	102 485,858	6,230	5,770
34	18	97 915	69 810,670	2 468 303,366	35,357	34,897	84	68	33 956	14 720,310	86 035,242	5,845	5,385
35	19	97 815	69 048,876	2 398 492,696	34,736	34,276	85	69	30 324	13 015,836	71 314,932	5,479	5,019
36	20	97 712	68 293,689	2 329 443,820	34,109	33,649	86	70	26 743	11 364,984	58 299,096	5,130	4,670
37	21	97 605	67 542,956	2 261 150,131	33,477	33,017	87	71	23 236	9 777,105	46 934,111	4,800	4,340
38	22	97 492	66 796,776	2 193 607,175	32,840	32,380	88	72	19 835	8 263,274	37 157,006	4,497	4,037
39	23	97 363	66 047,907	2 126 810,399	32,201	31,741	89	73	16 649	6 867,191	28 893,732	4,208	3,748
40	24	97 229	65 303,965	2 060 762,492	31,556	31,096	90	74	13 639	5 569,844	22 026,541	3,955	3,495
41	25	97 084	64 561,392	1 995 458,528	30,908	30,448	91	75	11 029	4 459,576	16 456,697	3,690	3,230
42	26	96 930	63 820,585	1 930 897,136	30,255	29,795	92	76	8 636	3 457,318	11 997,121	3,470	3,010
43	27	96 759	63 077,126	1 867 076,551	29,600	29,140	93	77	6 602	2 616,796	8 539,803	3,263	2,803
44	28	96 560	62 324,486	1 803 999,425	28,945	28,485	94	78	4 912	1 927,933	5 923,007	3,072	2,612
45	29	96 344	61 569,076	1 741 674,940	28,288	27,828	95	79	3 549	1 379,176	3 995,073	2,897	2,437
46	30	96 103	60 807,006	1 680 105,864	27,630	27,170	96	80	2 487	956,778	2 615,897	2,734	2,274
47	31	95 838	60 039,040	1 619 298,858	26,971	26,511	97	81	1 685	641,982	1 659,119	2,584	2,124
48	32	95 533	59 255,095	1 559 259,817	26,314	25,854	98	82	1 103	415,903	1 017,138	2,446	1,986
49	33	95 192	58 459,516	1 500 004,723	25,659	25,199	99	83	694	259,315	601,235	2,319	1,859
							100	84	420	155,387	341,920	2,200	1,740

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	33	94 851	57 673,273	1 445 753,314	25,068	24,608
1							51	34	94 437	56 853,002	1 388 080,041	24,415	23,955
2							52	35	93 951	55 999,994	1 331 227,038	23,772	23,312
3							53	36	93 443	55 146,034	1 275 227,045	23,125	22,665
4							54	37	92 883	54 272,852	1 220 081,011	22,481	22,021
5							55	38	92 259	53 374,218	1 165 808,159	21,842	21,382
6							56	39	91 583	52 458,979	1 112 433,941	21,206	20,746
7							57	40	90 856	51 526,875	1 059 974,961	20,571	20,111
8							58	41	90 061	50 570,531	1 008 448,087	19,941	19,481
9							59	42	89 198	49 589,728	957 877,556	19,316	18,856
10							60	43	88 268	48 586,905	908 287,827	18,694	18,234
11							61	44	87 261	47 557,191	859 700,923	18,077	17,617
12							62	45	86 190	46 508,308	812 143,731	17,462	17,002
13							63	46	85 048	45 438,038	765 635,423	16,850	16,390
14							64	47	83 855	44 356,760	720 197,384	16,236	15,776
15							65	48	82 538	43 227,726	675 840,624	15,634	15,174
16							66	49	81 151	42 080,663	632 612,898	15,033	14,573
17	0	99 391	83 923,707	3 781 578,784	45,060	44,600	67	50	79 644	40 890,542	590 532,236	14,442	13,982
18	1	99 044	82 802,752	3 697 655,076	44,656	44,196	68	51	78 048	39 674,201	549 641,694	13,854	13,394
19	2	98 970	81 921,820	3 614 852,324	44,126	43,666	69	52	76 366	38 434,937	509 967,493	13,268	12,808
20	3	98 907	81 059,001	3 532 930,504	43,585	43,125	70	53	74 562	37 155,148	471 532,556	12,691	12,231
21	4	98 843	80 204,305	3 451 871,503	43,038	42,579	71	54	72 645	35 841,610	434 377,408	12,119	11,659
22	5	98 778	79 357,830	3 371 667,198	42,487	42,027	72	55	70 608	34 491,705	398 535,798	11,555	11,095
23	6	98 715	78 522,420	3 292 309,368	41,928	41,468	73	56	68 450	33 106,721	364 044,093	10,996	10,536
24	7	98 655	77 697,559	3 213 786,947	41,363	40,903	74	57	66 157	31 680,533	330 937,372	10,446	9,986
25	8	98 592	76 878,632	3 136 089,388	40,793	40,333	75	58	63 661	30 183,432	299 256,839	9,915	9,455
26	9	98 530	76 070,036	3 059 210,756	40,216	39,756	76	59	61 007	28 638,857	269 073,407	9,395	8,935
27	10	98 466	75 267,913	2 983 140,720	39,634	39,174	77	60	58 192	27 046,898	240 434,550	8,890	8,430
28	11	98 397	74 470,231	2 907 872,807	39,047	38,587	78	61	55 173	25 389,722	213 387,652	8,404	7,945
29	12	98 330	73 682,702	2 833 402,576	38,454	37,994	79	62	51 958	23 673,697	187 997,930	7,941	7,481
30	13	98 257	72 899,328	2 759 719,873	37,857	37,397	80	63	48 592	21 920,659	164 324,233	7,496	7,036
31	14	98 186	72 124,906	2 686 820,545	37,252	36,792	81	64	45 125	20 155,019	142 403,573	7,065	6,605
32	15	98 105	71 352,094	2 614 695,639	36,645	36,185	82	65	41 530	18 365,673	122 248,554	6,656	6,196
33	16	98 020	70 584,826	2 543 343,546	36,032	35,572	83	66	37 895	16 592,552	103 882,881	6,261	5,801
34	17	97 931	69 821,875	2 472 758,720	35,415	34,955	84	67	34 269	14 855,980	87 290,329	5,876	5,416
35	18	97 837	69 064,651	2 402 936,846	34,793	34,333	85	68	30 622	13 143,468	72 434,349	5,511	5,051
36	19	97 733	68 307,797	2 333 872,195	34,167	33,707	86	69	27 030	11 486,994	59 290,882	5,162	4,702
37	20	97 626	67 557,953	2 265 564,397	33,535	33,075	87	70	23 509	9 891,898	47 803,888	4,833	4,373
38	21	97 512	66 810,758	2 198 006,444	32,899	32,439	88	71	20 094	8 371,069	37 911,990	4,529	4,069
39	22	97 385	66 062,727	2 131 195,686	32,260	31,800	89	72	16 893	6 968,073	29 540,921	4,239	3,779
40	23	97 251	65 318,895	2 065 132,959	31,616	31,156	90	73	13 864	5 661,914	22 572,848	3,987	3,527
41	24	97 104	64 574,445	1 999 814,063	30,969	30,509	91	74	11 238	4 544,131	16 910,934	3,721	3,262
42	25	96 951	63 834,627	1 935 239,619	30,316	29,856	92	75	8 825	3 533,132	12 366,803	3,500	3,040
43	26	96 782	63 092,057	1 871 404,991	29,661	29,202	93	76	6 767	2 682,498	8 833,671	3,293	2,833
44	27	96 586	62 341,234	1 808 312,934	29,007	28,547	94	77	5 053	1 982,907	6 151,173	3,102	2,642
45	28	96 368	61 584,649	1 745 971,701	28,351	27,891	95	78	3 667	1 424,869	4 168,266	2,925	2,465
46	29	96 131	60 824,458	1 684 387,052	27,693	27,233	96	79	2 581	992,823	2 743,397	2,763	2,303
47	30	95 865	60 056,038	1 623 562,594	27,034	26,574	97	80	1 759	669,963	1 750,573	2,613	2,153
48	31	95 561	59 272,996	1 563 506,556	26,378	25,918	98	81	1 158	436,685	1 080,610	2,475	2,015
49	32	95 226	58 480,245	1 504 233,559	25,722	25,262	99	82	735	274,449	643,926	2,346	1,886
							100	83	448	165,783	369,476	2,229	1,769

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
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12						
13						
14						
15						
16						
17						
18	0	99 358	83 064,629	3 702 132,587	44,569	44,109
19	1	98 997	81 943,450	3 619 067,958	44,165	43,705
20	2	98 922	81 071,076	3 537 124,507	43,630	43,170
21	3	98 854	80 213,268	3 456 053,432	43,086	42,626
22	4	98 790	79 367,289	3 375 840,164	42,534	42,074
23	5	98 725	78 530,358	3 296 472,875	41,977	41,517
24	6	98 664	77 704,327	3 217 942,517	41,413	40,953
25	7	98 600	76 885,230	3 140 238,191	40,843	40,383
26	8	98 537	76 075,639	3 063 352,960	40,267	39,807
27	9	98 473	75 273,106	2 987 277,321	39,686	39,226
28	10	98 404	74 475,517	2 912 004,215	39,100	38,640
29	11	98 338	73 688,595	2 837 528,698	38,507	38,047
30	12	98 265	72 905,197	2 763 840,103	37,910	37,450
31	13	98 194	72 131,367	2 690 934,906	37,306	36,846
32	14	98 116	71 359,828	2 618 803,540	36,699	36,239
33	15	98 033	70 593,706	2 547 443,712	36,086	35,626
34	16	97 946	69 832,620	2 476 850,006	35,468	35,008
35	17	97 853	69 075,736	2 407 017,386	34,846	34,386
36	18	97 755	68 323,403	2 337 941,650	34,219	33,759
37	19	97 647	67 571,910	2 269 618,247	33,588	33,128
38	20	97 534	66 825,593	2 202 046,337	32,952	32,492
39	21	97 405	66 076,556	2 135 220,744	32,314	31,854
40	22	97 273	65 333,552	2 069 144,188	31,670	31,210
41	23	97 126	64 589,209	2 003 810,637	31,024	30,564
42	24	96 971	63 847,533	1 939 221,428	30,373	29,913
43	25	96 803	63 105,939	1 875 373,895	29,718	29,258
44	26	96 609	62 355,991	1 812 267,956	29,063	28,603
45	27	96 394	61 601,198	1 749 911,965	28,407	27,947
46	28	96 155	60 839,842	1 688 310,766	27,750	27,290
47	29	95 893	60 073,274	1 627 470,924	27,091	26,631
48	30	95 589	59 289,777	1 567 397,650	26,436	25,976
49	31	95 255	58 497,913	1 508 107,872	25,781	25,321
50	32	94 885	57 693,724	1 449 609,959	25,126	24,666
51	33	94 472	56 873,798	1 391 916,235	24,474	24,014
52	34	93 990	56 023,791	1 335 042,438	23,830	23,370
53	35	93 480	55 167,977	1 279 018,646	23,184	22,724
54	36	92 927	54 298,656	1 223 850,670	22,539	22,079
55	37	92 308	53 402,719	1 169 552,014	21,901	21,441
56	38	91 634	52 488,200	1 116 149,295	21,265	20,805
57	39	90 916	51 560,985	1 063 661,095	20,629	20,169
58	40	90 125	50 606,270	1 012 100,110	20,000	19,540
59	41	89 269	49 629,506	961 493,840	19,373	18,913
60	42	88 346	48 630,190	911 864,334	18,751	18,291
61	43	87 350	47 605,937	863 234,144	18,133	17,673
62	44	86 287	46 560,603	815 628,207	17,518	17,058
63	45	85 156	45 495,783	769 067,604	16,904	16,444
64	46	83 973	44 419,352	723 571,821	16,290	15,830
65	47	82 673	43 298,524	679 152,469	15,685	15,225
66	48	81 295	42 155,211	635 853,945	15,084	14,624
67	49	79 809	40 974,853	593 698,734	14,489	14,029
68	50	78 220	39 761,797	552 723,880	13,901	13,441
69	51	76 553	38 529,210	512 962,083	13,314	12,854
70	52	74 767	37 257,433	474 432,873	12,734	12,274
71	53	72 864	35 949,695	437 175,440	12,161	11,701
72	54	70 834	34 602,128	401 225,746	11,595	11,135
73	55	68 694	33 224,441	366 623,618	11,035	10,575
74	56	66 407	31 800,491	333 399,177	10,484	10,024
75	57	63 916	30 304,546	301 598,686	9,952	9,492
76	58	61 277	28 765,780	271 294,140	9,431	8,971
77	59	58 468	27 175,221	242 528,360	8,925	8,465
78	60	55 472	25 527,298	215 353,139	8,436	7,976
79	61	52 259	23 810,529	189 825,841	7,972	7,512
80	62	48 900	22 059,805	166 015,313	7,526	7,066
81	63	45 431	20 291,742	143 955,508	7,094	6,634
82	64	41 837	18 501,649	123 663,765	6,684	6,224
83	65	38 194	16 723,158	105 162,117	6,288	5,828
84	66	34 564	14 984,158	88 438,958	5,902	5,442
85	67	30 904	13 264,604	73 454,800	5,538	5,078
86	68	27 295	11 599,633	60 190,196	5,189	4,729
87	69	23 762	9 998,093	48 590,563	4,860	4,400
88	70	20 330	8 469,354	38 592,470	4,557	4,097
89	71	17 114	7 058,973	30 123,116	4,267	3,807
90	72	14 068	5 745,089	23 064,144	4,015	3,555
91	73	11 424	4 619,246	17 319,054	3,749	3,289
92	74	8 993	3 600,121	12 699,808	3,528	3,068
93	75	6 916	2 741,321	9 099,687	3,319	2,859
94	76	5 179	2 032,693	6 358,366	3,128	2,668
95	77	3 772	1 465,498	4 325,673	2,952	2,492
96	78	2 666	1 025,716	2 860,174	2,788	2,328
97	79	1 825	695,203	1 834,458	2,639	2,179
98	80	1 208	455,718	1 139,255	2,500	2,040
99	81	772	288,163	683,537	2,372	1,912
100	82	475	175,459	395,374	2,253	1,793

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	31	94 914	57 711,154	1 453 143,661	25,180	24,720
1							51	32	94 505	56 893,965	1 395 432,507	24,527	24,067
2							52	33	94 025	56 044,283	1 338 538,542	23,884	23,424
3							53	34	93 520	55 191,421	1 282 494,259	23,237	22,777
4							54	35	92 964	54 320,262	1 227 302,838	22,594	22,134
5							55	36	92 352	53 428,108	1 172 982,577	21,954	21,494
6							56	37	91 683	52 516,227	1 119 554,468	21,318	20,858
7							57	38	90 966	51 589,706	1 067 038,241	20,683	20,223
8							58	39	90 184	50 639,771	1 015 448,535	20,052	19,592
9							59	40	89 332	49 664,580	964 808,764	19,426	18,967
10							60	41	88 417	48 669,198	915 144,184	18,803	18,343
11							61	42	87 428	47 648,348	866 474,986	18,185	17,725
12							62	43	86 375	46 608,327	818 826,637	17,568	17,108
13							63	44	85 252	45 546,939	772 218,310	16,954	16,494
14							64	45	84 080	44 475,802	726 671,371	16,339	15,879
15							65	46	82 789	43 359,622	682 195,569	15,733	15,273
16							66	47	81 428	42 224,253	638 835,946	15,130	14,670
17							67	48	79 950	41 047,443	596 611,694	14,535	14,075
18							68	49	78 382	39 843,781	555 564,251	13,944	13,484
19	0	99 310	82 202,609	3 623 198,323	44,076	43,616	69	50	76 722	38 614,277	515 720,469	13,356	12,896
20	1	98 948	81 092,481	3 540 995,714	43,666	43,206	70	51	74 950	37 348,818	477 106,192	12,774	12,314
21	2	98 869	80 225,217	3 459 903,233	43,127	42,667	71	52	73 065	36 048,661	439 757,374	12,199	11,739
22	3	98 801	79 376,158	3 379 678,016	42,578	42,118	72	53	71 048	34 706,474	403 708,713	11,632	11,172
23	4	98 737	78 539,718	3 300 301,858	42,021	41,561	73	54	68 914	33 330,807	369 002,238	11,071	10,611
24	5	98 674	77 712,181	3 221 762,140	41,458	40,998	74	55	66 643	31 913,566	335 671,431	10,518	10,058
25	6	98 609	76 891,927	3 144 049,959	40,889	40,429	75	56	64 158	30 419,294	303 757,866	9,986	9,526
26	7	98 546	76 082,169	3 067 158,032	40,314	39,854	76	57	61 523	28 881,206	273 338,572	9,464	9,004
27	8	98 480	75 278,650	2 991 075,863	39,733	39,273	77	58	58 727	27 295,657	244 457,366	8,956	8,496
28	9	98 411	74 480,655	2 915 797,213	39,148	38,688	78	59	55 735	25 648,410	217 161,708	8,467	8,007
29	10	98 345	73 693,825	2 841 316,558	38,556	38,096	79	60	52 542	23 939,547	191 513,298	8,000	7,540
30	11	98 273	72 911,028	2 767 622,733	37,959	37,499	80	61	49 183	22 187,309	167 573,751	7,553	7,093
31	12	98 202	72 137,174	2 694 711,706	37,355	36,895	81	62	45 719	20 420,548	145 386,442	7,120	6,660
32	13	98 124	71 366,221	2 622 574,532	36,748	36,288	82	63	42 121	18 627,156	124 965,894	6,709	6,249
33	14	98 043	70 601,358	2 551 208,311	36,135	35,675	83	64	38 477	16 846,974	106 338,738	6,312	5,852
34	15	97 958	69 841,405	2 480 606,953	35,518	35,058	84	65	34 836	15 102,104	89 491,764	5,926	5,466
35	16	97 868	69 086,366	2 410 765,548	34,895	34,435	85	66	31 170	13 379,052	74 389,661	5,560	5,100
36	17	97 771	68 334,369	2 341 679,182	34,268	33,808	86	67	27 547	11 706,541	61 010,609	5,212	4,752
37	18	97 669	67 587,347	2 273 344,813	33,636	33,176	87	68	23 995	10 096,132	49 304,068	4,883	4,423
38	19	97 554	66 839,398	2 205 757,465	33,001	32,541	88	69	20 548	8 560,277	39 207,935	4,580	4,120
39	20	97 427	66 091,228	2 138 918,067	32,363	31,903	89	70	17 315	7 141,852	30 647,658	4,291	3,831
40	21	97 293	65 347,228	2 072 826,840	31,720	31,260	90	71	14 251	5 820,035	23 505,806	4,039	3,579
41	22	97 148	64 603,701	2 007 479,612	31,074	30,614	91	72	11 592	4 687,104	17 685,771	3,773	3,313
42	23	96 993	63 862,131	1 942 875,910	30,423	29,963	92	73	9 141	3 659,631	12 998,667	3,552	3,092
43	24	96 823	63 118,698	1 879 013,779	29,770	29,310	93	74	7 047	2 793,298	9 339,036	3,343	2,883
44	25	96 630	62 369,711	1 815 895,082	29,115	28,655	94	75	5 293	2 077,267	6 545,738	3,151	2,691
45	26	96 417	61 615,781	1 753 525,370	28,459	27,999	95	76	3 866	1 502,294	4 468,471	2,974	2,514
46	27	96 181	60 856,191	1 691 909,590	27,802	27,342	96	77	2 742	1 054,964	2 966,177	2,812	2,352
47	28	95 917	60 088,469	1 631 053,399	27,144	26,684	97	78	1 886	718,236	1 911,213	2,661	2,201
48	29	95 616	59 306,794	1 570 964,930	26,489	26,029	98	79	1 254	472,887	1 192,978	2,523	2,063
49	30	95 282	58 514,475	1 511 658,136	25,834	25,374	99	80	805	300,723	720,091	2,395	1,935
							100	81	498	184,226	419,368	2,276	1,816

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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19						
20	0	99 261	81 348,949	3 544 807,808	43,575	43,115
21	1	98 895	80 246,399	3 463 458,859	43,160	42,700
22	2	98 815	79 387,982	3 383 212,460	42,616	42,156
23	3	98 748	78 548,495	3 303 824,478	42,061	41,601
24	4	98 686	77 721,444	3 225 275,983	41,498	41,038
25	5	98 619	76 899,700	3 147 554,539	40,931	40,471
26	6	98 554	76 088,795	3 070 654,840	40,356	39,896
27	7	98 489	75 285,111	2 994 566,044	39,776	39,316
28	8	98 418	74 486,140	2 919 280,933	39,192	38,732
29	9	98 351	73 698,909	2 844 794,793	38,600	38,140
30	10	98 280	72 916,202	2 771 095,884	38,004	37,544
31	11	98 210	72 142,943	2 698 179,681	37,400	36,940
32	12	98 132	71 371,966	2 626 036,738	36,794	36,334
33	13	98 052	70 607,683	2 554 664,772	36,181	35,721
34	14	97 969	69 848,976	2 484 057,090	35,563	35,103
35	15	97 880	69 095,058	2 414 208,114	34,940	34,480
36	16	97 786	68 344,885	2 345 113,056	34,313	33,853
37	17	97 685	67 598,195	2 276 768,170	33,681	33,221
38	18	97 576	66 854,668	2 209 169,975	33,044	32,584
39	19	97 447	66 104,881	2 142 315,307	32,408	31,948
40	20	97 315	65 361,738	2 076 210,426	31,765	31,305
41	21	97 168	64 617,225	2 010 848,688	31,119	30,659
42	22	97 015	63 876,460	1 946 231,463	30,469	30,009
43	23	96 845	63 133,129	1 882 355,003	29,816	29,356
44	24	96 650	62 382,321	1 819 221,874	29,162	28,702
45	25	96 438	61 629,338	1 756 839,553	28,507	28,047
46	26	96 203	60 870,597	1 695 210,216	27,849	27,389
47	27	95 943	60 104,616	1 634 339,618	27,192	26,732
48	28	95 640	59 321,794	1 574 235,002	26,537	26,077
49	29	95 309	58 531,268	1 514 913,208	25,882	25,422

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
50	30	94 940	57 727,493	1 456 381,939	25,229	24,769
51	31	94 534	56 911,153	1 398 654,446	24,576	24,116
52	32	94 058	56 064,156	1 341 743,293	23,932	23,472
53	33	93 554	55 211,608	1 285 679,137	23,286	22,826
54	34	93 004	54 343,345	1 230 467,529	22,642	22,182
55	35	92 389	53 449,368	1 176 124,183	22,004	21,544
56	36	91 727	52 541,196	1 122 674,815	21,368	20,908
57	37	91 015	51 617,253	1 070 133,619	20,732	20,272
58	38	90 235	50 667,979	1 018 516,366	20,102	19,642
59	39	89 391	49 697,458	967 848,388	19,475	19,015
60	40	88 480	48 703,594	918 150,930	18,852	18,392
61	41	87 498	47 686,569	869 447,336	18,233	17,773
62	42	86 452	46 649,850	821 760,767	17,616	17,156
63	43	85 340	45 593,625	775 110,918	17,000	16,540
64	44	84 174	44 525,812	729 517,293	16,384	15,924
65	45	82 895	43 414,726	684 991,482	15,778	15,318
66	46	81 543	42 283,835	641 576,756	15,173	14,713
67	47	80 081	41 114,670	599 292,921	14,576	14,116
68	48	78 520	39 914,367	558 178,250	13,984	13,524
69	49	76 881	38 693,896	518 263,883	13,394	12,934
70	50	75 116	37 431,279	479 569,988	12,812	12,352
71	51	73 244	36 137,081	442 138,708	12,235	11,775
72	52	71 243	34 802,019	406 001,627	11,666	11,206
73	53	69 122	33 431,320	371 199,608	11,103	10,643
74	54	66 857	32 015,735	337 768,289	10,550	10,090
75	55	64 386	30 527,458	305 752,554	10,016	9,556
76	56	61 756	28 990,564	275 225,096	9,494	9,034
77	57	58 963	27 405,184	246 234,532	8,985	8,525
78	58	55 982	25 762,080	218 829,348	8,494	8,034
79	59	52 791	24 053,127	193 067,267	8,027	7,567
80	60	49 449	22 307,532	169 014,140	7,577	7,117
81	61	45 983	20 538,577	146 706,608	7,143	6,683
82	62	42 388	18 745,395	126 168,031	6,731	6,271
83	63	38 738	16 961,256	107 422,636	6,333	5,873
84	64	35 094	15 213,917	90 461,380	5,946	5,486
85	65	31 416	13 484,363	75 247,463	5,580	5,120
86	66	27 784	11 807,546	61 763,100	5,231	4,771
87	67	24 216	10 189,183	49 955,554	4,903	4,443
88	68	20 749	8 644,218	39 766,371	4,600	4,140
89	69	17 501	7 218,523	31 122,153	4,311	3,851
90	70	14 418	5 888,368	23 903,629	4,059	3,599
91	71	11 743	4 748,248	18 015,261	3,794	3,334
92	72	9 275	3 713,393	13 267,013	3,573	3,113
93	73	7 163	2 839,471	9 553,620	3,365	2,905
94	74	5 393	2 116,653	6 714,149	3,172	2,712
95	75	3 951	1 535,237	4 597,496	2,995	2,535
96	76	2 811	1 081,451	3 062,260	2,832	2,372
97	77	1 939	738,715	1 980,808	2,681	2,221
98	78	1 295	488,554	1 242,093	2,542	2,082
99	79	836	312,052	753,539	2,415	1,955
100	80	520	192,256	441,487	2,296	1,836

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	29	94 968	57 744,061	1 459 350,936	25,273	24,813
1							51	30	94 561	56 927,266	1 401 606,875	24,621	24,161
2							52	31	94 087	56 081,094	1 344 679,609	23,977	23,517
3							53	32	93 587	55 231,186	1 288 598,515	23,331	22,871
4							54	33	93 038	54 363,223	1 233 367,329	22,688	22,228
5							55	34	92 428	53 472,082	1 179 004,106	22,049	21,589
6							56	35	91 763	52 562,102	1 125 532,024	21,413	20,953
7							57	36	91 058	51 641,794	1 072 969,922	20,777	20,317
8							58	37	90 283	50 695,034	1 021 328,128	20,147	19,687
9							59	38	89 441	49 725,141	970 633,094	19,520	19,060
10							60	39	88 538	48 735,835	920 907,954	18,896	18,436
11							61	40	87 560	47 720,270	872 172,119	18,277	17,817
12							62	41	86 521	46 687,269	824 451,849	17,659	17,199
13							63	42	85 416	45 634,243	777 764,579	17,043	16,583
14							64	43	84 261	44 571,450	732 130,336	16,426	15,966
15							65	44	82 988	43 463,542	687 558,886	15,819	15,359
16							66	45	81 646	42 337,571	644 095,344	15,213	14,753
17							67	46	80 194	41 172,687	601 757,773	14,615	14,155
18							68	47	78 649	39 979,739	560 585,086	14,022	13,562
19							69	48	77 017	38 762,444	520 605,347	13,431	12,971
20							70	49	75 271	37 508,458	481 842,903	12,846	12,386
21	0	99 208	80 500,191	3 466 978,832	43,068	42,608	71	50	73 405	36 216,867	444 334,444	12,269	11,809
22	1	98 842	79 408,944	3 386 478,641	42,646	42,186	72	51	71 418	34 887,381	408 117,577	11,698	11,238
23	2	98 763	78 560,195	3 307 069,697	42,096	41,636	73	52	69 312	33 523,354	373 230,196	11,133	10,673
24	3	98 697	77 730,129	3 228 509,502	41,535	41,075	74	53	67 058	32 112,282	339 706,843	10,579	10,119
25	4	98 630	76 908,866	3 150 779,373	40,968	40,508	75	54	64 592	30 625,189	307 594,561	10,044	9,584
26	5	98 564	76 096,487	3 073 870,507	40,394	39,934	76	55	61 976	29 093,648	276 969,371	9,520	9,060
27	6	98 497	75 291,669	2 997 774,020	39,815	39,356	77	56	59 186	27 508,953	247 875,723	9,011	8,551
28	7	98 426	74 492,534	2 922 482,352	39,232	38,772	78	57	56 207	25 865,453	220 366,770	8,520	8,060
29	8	98 359	73 704,337	2 847 989,818	38,641	38,181	79	58	53 025	24 159,727	194 501,316	8,051	7,591
30	9	98 287	72 921,233	2 774 285,481	38,045	37,585	80	59	49 684	22 413,369	170 341,589	7,600	7,140
31	10	98 217	72 148,063	2 701 364,248	37,442	36,982	81	60	46 233	20 649,867	147 928,221	7,164	6,704
32	11	98 140	71 377,674	2 629 216,185	36,835	36,375	82	61	42 633	18 853,742	127 278,354	6,751	6,291
33	12	98 060	70 613,367	2 557 838,511	36,223	35,763	83	62	38 983	17 068,921	108 424,612	6,352	5,892
34	13	97 977	69 855,233	2 487 225,144	35,605	35,145	84	63	35 332	15 317,121	91 355,691	5,964	5,504
35	14	97 891	69 102,548	2 417 369,911	34,982	34,522	85	64	31 648	13 584,199	76 038,570	5,598	5,138
36	15	97 798	68 353,484	2 348 267,363	34,355	33,895	86	65	28 003	11 900,487	62 454,371	5,248	4,788
37	16	97 700	67 608,598	2 279 913,879	33,722	33,262	87	66	24 425	10 277,096	50 553,884	4,919	4,459
38	17	97 592	66 865,398	2 212 305,281	33,086	32,626	88	67	20 941	8 723,887	40 276,787	4,617	4,157
39	18	97 469	66 119,983	2 145 439,883	32,448	31,988	89	68	17 672	7 289,307	31 552,900	4,329	3,869
40	19	97 335	65 375,240	2 079 319,899	31,806	31,346	90	69	14 573	5 951,583	24 263,593	4,077	3,617
41	20	97 190	64 631,572	2 013 944,659	31,160	30,700	91	70	11 881	4 803,998	18 312,010	3,812	3,352
42	21	97 035	63 889,832	1 949 313,087	30,511	30,051	92	71	9 396	3 761,835	13 508,013	3,591	3,131
43	22	96 867	63 147,295	1 885 423,255	29,858	29,398	93	72	7 269	2 881,184	9 746,178	3,383	2,923
44	23	96 672	62 396,584	1 822 275,960	29,205	28,745	94	73	5 483	2 151,641	6 864,994	3,191	2,731
45	24	96 458	61 641,798	1 759 879,376	28,550	28,090	95	74	4 026	1 564,345	4 713,353	3,013	2,553
46	25	96 225	60 883,991	1 698 237,579	27,893	27,433	96	75	2 873	1 105,166	3 149,008	2,849	2,389
47	26	95 966	60 118,844	1 637 353,588	27,235	26,775	97	76	1 988	757,263	2 043,842	2,699	2,239
48	27	95 666	59 337,735	1 577 234,744	26,581	26,121	98	77	1 332	502,485	1 286,579	2,560	2,100
49	28	95 333	58 546,073	1 517 897,008	25,927	25,467	99	78	863	322,391	784,094	2,432	1,972
							100	79	540	199,499	461,703	2,314	1,854

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	28	94 992	57 758,666	1 462 072,150	25,313	24,853
1							51	29	94 588	56 943,604	1 404 313,483	24,661	24,201
2							52	30	94 113	56 096,971	1 347 369,879	24,019	23,559
3							53	31	93 616	55 247,872	1 291 272,908	23,372	22,912
4							54	32	93 071	54 382,500	1 236 025,035	22,728	22,268
5							55	33	92 462	53 491,640	1 181 642,536	22,090	21,630
6							56	34	91 802	52 584,439	1 128 150,896	21,454	20,994
7							57	35	91 095	51 662,343	1 075 566,457	20,819	20,359
8							58	36	90 326	50 719,136	1 023 904,114	20,188	19,728
9							59	37	89 489	49 751,692	973 184,977	19,561	19,101
10							60	38	88 588	48 762,982	923 433,285	18,937	18,477
11							61	39	87 618	47 751,860	874 670,303	18,317	17,857
12							62	40	86 583	46 720,264	826 918,443	17,699	17,239
13							63	41	85 484	45 670,848	780 198,179	17,083	16,623
14							64	42	84 336	44 611,158	734 527,331	16,465	16,005
15							65	43	83 073	43 508,092	689 916,173	15,857	15,397
16							66	44	81 738	42 385,177	646 408,081	15,251	14,791
17							67	45	80 296	41 225,011	604 022,905	14,652	14,192
18							68	46	78 760	40 036,154	562 797,893	14,057	13,597
19							69	47	77 143	38 825,929	522 761,739	13,464	13,004
20							70	48	75 404	37 574,907	483 935,810	12,879	12,419
21							71	49	73 557	36 291,542	446 360,903	12,299	11,839
22	0	99 154	79 660,087	3 389 730,205	42,552	42,092	72	50	71 576	34 964,407	410 069,361	11,728	11,268
23	1	98 789	78 580,938	3 310 070,119	42,123	41,663	73	51	69 482	33 605,580	375 104,953	11,162	10,702
24	2	98 711	77 741,708	3 231 489,181	41,567	41,107	74	52	67 243	32 200,685	341 499,374	10,605	10,145
25	3	98 641	76 917,460	3 153 747,472	41,002	40,542	75	53	64 787	30 717,543	309 298,689	10,069	9,609
26	4	98 576	76 105,557	3 076 830,013	40,428	39,968	76	54	62 174	29 186,789	278 581,146	9,545	9,085
27	5	98 507	75 299,279	3 000 724,456	39,851	39,391	77	55	59 397	27 606,769	249 394,356	9,034	8,574
28	6	98 435	74 499,022	2 925 425,176	39,268	38,808	78	56	56 419	25 963,393	221 787,587	8,542	8,082
29	7	98 367	73 710,663	2 850 926,154	38,677	38,217	79	57	53 238	24 256,670	195 824,195	8,073	7,613
30	8	98 294	72 926,604	2 777 215,491	38,082	37,622	80	58	49 904	22 512,701	171 567,524	7,621	7,161
31	9	98 224	72 153,041	2 704 288,888	37,480	37,020	81	59	46 452	20 747,838	149 054,823	7,184	6,724
32	10	98 147	71 382,740	2 632 135,847	36,874	36,414	82	60	42 864	18 955,902	128 306,985	6,769	6,309
33	11	98 068	70 619,014	2 560 753,107	36,262	35,802	83	61	39 209	17 167,578	109 351,082	6,370	5,910
34	12	97 985	69 860,857	2 490 134,093	35,644	35,184	84	62	35 557	15 414,350	92 183,504	5,980	5,520
35	13	97 900	69 108,738	2 420 273,235	35,021	34,561	85	63	31 863	13 676,348	76 769,155	5,613	5,153
36	14	97 809	68 360,893	2 351 164,497	34,393	33,933	86	64	28 210	11 988,596	63 092,806	5,263	4,803
37	15	97 712	67 617,104	2 282 803,604	33,761	33,301	87	65	24 617	10 357,991	51 104,210	4,934	4,474
38	16	97 607	66 875,689	2 215 186,500	33,124	32,664	88	66	21 121	8 799,157	40 746,219	4,631	4,171
39	17	97 485	66 130,595	2 148 310,812	32,486	32,026	89	67	17 835	7 356,489	31 947,062	4,343	3,883
40	18	97 357	65 390,176	2 082 180,216	31,842	31,382	90	68	14 716	6 009,943	24 590,573	4,092	3,632
41	19	97 210	64 644,924	2 016 790,040	31,198	30,738	91	69	12 008	4 855,571	18 580,630	3,827	3,367
42	20	97 057	63 904,018	1 952 145,116	30,548	30,088	92	70	9 507	3 806,002	13 725,059	3,606	3,146
43	21	96 887	63 160,514	1 888 241,098	29,896	29,436	93	71	7 364	2 918,769	9 919,057	3,398	2,938
44	22	96 694	62 410,584	1 825 080,584	29,243	28,783	94	72	5 563	2 183,249	7 000,287	3,206	2,746
45	23	96 480	61 655,891	1 762 670,000	28,589	28,129	95	73	4 092	1 590,204	4 817,038	3,029	2,569
46	24	96 244	60 896,300	1 701 014,109	27,933	27,473	96	74	2 927	1 126,120	3 226,834	2,865	2,405
47	25	95 987	60 132,072	1 640 117,809	27,275	26,815	97	75	2 032	773,869	2 100,713	2,715	2,255
48	26	95 688	59 351,782	1 579 985,737	26,621	26,161	98	76	1 366	515,101	1 326,845	2,576	2,116
49	27	95 359	58 561,805	1 520 633,955	25,966	25,506	99	77	888	331,583	811,744	2,448	1,988
							100	78	557	206,108	480,160	2,330	1,870

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	27	95 017	57 774,187	1 464 567,788	25,350	24,890
1							51	28	94 612	56 958,007	1 406 793,601	24,699	24,239
2							52	29	94 140	56 113,071	1 349 835,593	24,056	23,596
3							53	30	93 642	55 263,514	1 293 722,522	23,410	22,950
4							54	31	93 099	54 398,929	1 238 459,009	22,766	22,306
5							55	32	92 494	53 510,608	1 184 060,079	22,128	21,668
6							56	33	91 836	52 603,673	1 130 549,471	21,492	21,032
7							57	34	91 133	51 684,297	1 077 945,798	20,856	20,396
8							58	35	90 362	50 739,318	1 026 261,501	20,226	19,766
9							59	36	89 531	49 775,346	975 522,183	19,599	19,139
10							60	37	88 635	48 789,020	925 746,837	18,974	18,515
11							61	38	87 667	47 778,459	876 957,817	18,355	17,895
12							62	39	86 640	46 751,192	829 179,357	17,736	17,276
13							63	40	85 545	45 703,125	782 428,165	17,120	16,660
14							64	41	84 403	44 646,942	736 725,040	16,501	16,041
15							65	42	83 147	43 546,852	692 078,098	15,893	15,433
16							66	43	81 822	42 428,621	648 531,246	15,285	14,825
17							67	44	80 386	41 271,365	606 102,625	14,686	14,226
18							68	45	78 860	40 087,034	564 831,260	14,090	13,630
19							69	46	77 252	38 880,716	524 744,226	13,496	13,036
20							70	47	75 527	37 636,447	485 863,509	12,909	12,449
21							71	48	73 687	36 355,835	448 227,062	12,329	11,869
22							72	49	71 723	35 036,500	411 871,227	11,755	11,296
23	0	99 101	78 829,463	3 313 074,793	42,028	41,568	73	50	69 635	33 679,776	376 834,727	11,189	10,729
24	1	98 737	77 762,235	3 234 245,330	41,591	41,131	74	51	67 408	32 279,667	343 154,951	10,631	10,171
25	2	98 656	76 928,918	3 156 483,095	41,031	40,571	75	52	64 966	30 802,106	310 875,284	10,093	9,633
26	3	98 587	76 114,062	3 079 554,178	40,460	40,000	76	53	62 362	29 274,805	280 073,178	9,567	9,107
27	4	98 519	75 308,255	3 003 440,116	39,882	39,422	77	54	59 587	27 695,150	250 798,373	9,056	8,596
28	5	98 445	74 506,552	2 928 131,862	39,300	38,840	78	55	56 620	26 055,712	223 103,222	8,563	8,103
29	6	98 376	73 717,083	2 853 625,309	38,711	38,251	79	56	53 439	24 348,518	197 047,510	8,093	7,633
30	7	98 302	72 932,863	2 779 908,226	38,116	37,656	80	57	50 104	22 603,036	172 698,992	7,641	7,181
31	8	98 231	72 158,355	2 706 975,363	37,514	37,054	81	58	46 658	20 839,790	150 095,956	7,202	6,742
32	9	98 154	71 387,665	2 634 817,008	36,909	36,449	82	59	43 068	19 045,837	129 256,166	6,787	6,327
33	10	98 075	70 624,026	2 563 429,343	36,297	35,837	83	60	39 421	17 260,601	110 210,329	6,385	5,925
34	11	97 993	69 866,444	2 492 805,317	35,680	35,220	84	61	35 762	15 503,443	92 949,728	5,995	5,535
35	12	97 908	69 114,302	2 422 938,873	35,057	34,597	85	62	32 065	13 763,161	77 446,284	5,627	5,167
36	13	97 817	68 367,017	2 353 824,571	34,429	33,969	86	63	28 402	12 069,922	63 683,123	5,276	4,816
37	14	97 722	67 624,433	2 285 457,554	33,796	33,336	87	64	24 799	10 434,679	51 613,201	4,946	4,486
38	15	97 619	66 884,102	2 217 833,120	33,159	32,699	88	65	21 288	8 868,419	41 178,522	4,643	4,183
39	16	97 500	66 140,773	2 150 949,018	32,521	32,061	89	66	17 989	7 419,961	32 310,103	4,354	3,895
40	17	97 373	65 400,671	2 084 808,245	31,877	31,417	90	67	14 852	6 065,334	24 890,142	4,104	3,644
41	18	97 232	64 659,693	2 019 407,574	31,231	30,771	91	68	12 126	4 903,184	18 824,808	3,839	3,379
42	19	97 077	63 917,219	1 954 747,881	30,582	30,123	92	69	9 609	3 846,862	13 921,624	3,619	3,159
43	20	96 908	63 174,538	1 890 830,662	29,930	29,470	93	70	7 450	2 953,039	10 074,762	3,412	2,952
44	21	96 714	62 423,649	1 827 656,124	29,278	28,818	94	71	5 636	2 211,730	7 121,724	3,220	2,760
45	22	96 501	61 669,726	1 765 232,475	28,624	28,164	95	72	4 153	1 613,565	4 909,993	3,043	2,583
46	23	96 266	60 910,223	1 703 562,750	27,968	27,508	96	73	2 975	1 144,735	3 296,429	2,880	2,420
47	24	96 006	60 144,229	1 642 652,527	27,312	26,852	97	74	2 070	788,541	2 151,693	2,729	2,269
48	25	95 710	59 364,841	1 582 508,297	26,657	26,197	98	75	1 396	526,396	1 363,152	2,590	2,130
49	26	95 382	58 575,668	1 523 143,456	26,003	25,543	99	76	910	339,909	836,756	2,462	2,002
							100	77	573	211,985	496,847	2,344	1,884

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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24	0	99 050	78 008,170	3 237 022,693	41,496	41,036
25	1	98 682	76 949,230	3 159 014,524	41,053	40,593
26	2	98 602	76 125,400	3 082 065,294	40,487	40,027
27	3	98 530	75 316,670	3 005 939,894	39,911	39,451
28	4	98 457	74 515,433	2 930 623,224	39,329	38,869
29	5	98 386	73 724,535	2 856 107,791	38,740	38,280
30	6	98 311	72 939,215	2 782 383,256	38,147	37,687
31	7	98 240	72 164,549	2 709 444,041	37,545	37,085
32	8	98 161	71 392,922	2 637 279,492	36,940	36,480
33	9	98 082	70 628,899	2 565 886,570	36,329	35,869
34	10	98 000	69 871,403	2 495 257,671	35,712	35,252
35	11	97 915	69 119,829	2 425 386,268	35,090	34,630
36	12	97 825	68 372,521	2 356 266,439	34,462	34,002
37	13	97 731	67 630,491	2 287 893,918	33,829	33,369
38	14	97 630	66 891,352	2 220 263,426	33,192	32,732
39	15	97 512	66 149,094	2 153 372,074	32,553	32,093
40	16	97 388	65 410,736	2 087 222,981	31,909	31,450
41	17	97 248	64 670,071	2 021 812,244	31,263	30,804
42	18	97 099	63 931,822	1 957 142,174	30,613	30,153
43	19	96 928	63 187,588	1 893 210,351	29,962	29,502
44	20	96 736	62 437,509	1 830 022,763	29,310	28,850
45	21	96 522	61 682,635	1 767 585,254	28,656	28,196
46	22	96 288	60 923,890	1 705 902,619	28,001	27,541
47	23	96 028	60 157,980	1 644 978,729	27,344	26,884
48	24	95 729	59 376,843	1 584 820,748	26,691	26,231
49	25	95 403	58 588,557	1 525 443,905	26,037	25,577
50	26	95 040	57 787,864	1 466 855,348	25,383	24,923
51	27	94 637	56 973,313	1 409 067,484	24,732	24,272
52	28	94 164	56 127,264	1 352 094,172	24,090	23,630
53	29	93 669	55 279,374	1 295 966,907	23,444	22,984
54	30	93 125	54 414,330	1 240 687,533	22,801	22,341
55	31	92 522	53 526,775	1 186 273,202	22,162	21,702
56	32	91 869	52 622,326	1 132 746,428	21,526	21,066
57	33	91 167	51 703,202	1 080 124,102	20,891	20,431
58	34	90 400	50 760,880	1 028 420,900	20,260	19,800
59	35	89 567	49 795,152	977 660,020	19,634	19,174
60	36	88 677	48 812,216	927 864,868	19,009	18,549
61	37	87 714	47 803,971	879 052,651	18,389	17,929
62	38	86 688	46 777,234	831 248,680	17,770	17,310
63	39	85 601	45 733,380	784 471,446	17,153	16,693
64	40	84 463	44 678,495	738 738,066	16,535	16,075
65	41	83 214	43 581,783	694 059,571	15,925	15,465
66	42	81 895	42 466,420	650 477,788	15,317	14,857
67	43	80 468	41 313,668	608 011,368	14,717	14,257
68	44	78 949	40 132,108	566 697,700	14,121	13,661
69	45	77 350	38 930,128	526 565,592	13,526	13,066
70	46	75 634	37 689,556	487 635,464	12,938	12,478
71	47	73 808	36 415,379	449 945,908	12,356	11,896
72	48	71 850	35 098,570	413 530,530	11,782	11,322
73	49	69 779	33 749,220	378 431,960	11,213	10,753
74	50	67 557	32 350,936	344 682,740	10,654	10,195
75	51	65 125	30 877,658	312 331,804	10,115	9,655
76	52	62 533	29 355,397	281 454,147	9,588	9,128
77	53	59 766	27 778,668	252 098,750	9,075	8,615
78	54	56 801	26 139,128	224 320,082	8,582	8,122
79	55	53 629	24 435,096	198 180,954	8,111	7,651
80	56	50 294	22 688,622	173 745,859	7,658	7,198
81	57	46 845	20 923,412	151 057,236	7,220	6,760
82	58	43 259	19 130,246	130 133,825	6,803	6,343
83	59	39 608	17 342,493	111 003,579	6,401	5,941
84	60	35 956	15 587,450	93 661,086	6,009	5,549
85	61	32 251	13 842,711	78 073,636	5,640	5,180
86	62	28 582	12 146,538	64 230,925	5,288	4,828
87	63	24 967	10 505,464	52 084,387	4,958	4,498
88	64	21 445	8 934,079	41 578,923	4,654	4,194
89	65	18 130	7 478,366	32 644,844	4,365	3,905
90	66	14 980	6 117,666	25 166,478	4,114	3,654
91	67	12 238	4 948,374	19 048,812	3,850	3,390
92	68	9 703	3 884,583	14 100,438	3,630	3,170
93	69	7 530	2 984,741	10 215,855	3,423	2,963
94	70	5 702	2 237,698	7 231,113	3,231	2,772
95	71	4 207	1 634,614	4 993,415	3,055	2,595
96	72	3 019	1 161,552	3 358,801	2,892	2,432
97	73	2 104	801,576	2 197,250	2,741	2,281
98	74	1 422	536,377	1 395,674	2,602	2,142
99	75	930	347,362	859,297	2,474	2,014
100	76	588	217,308	511,934	2,356	1,896

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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25	0	98 994	77 192,594	3 161 582,428	40,957	40,497
26	1	98 628	76 145,499	3 084 389,835	40,507	40,047
27	2	98 545	75 327,889	3 008 244,335	39,935	39,475
28	3	98 468	74 523,760	2 932 916,446	39,355	38,895
29	4	98 397	73 733,323	2 858 392,686	38,767	38,307
30	5	98 321	72 946,588	2 784 659,363	38,174	37,714
31	6	98 248	72 170,834	2 711 712,775	37,574	37,114
32	7	98 169	71 399,050	2 639 541,941	36,969	36,509
33	8	98 089	70 634,100	2 568 142,891	36,358	35,898
34	9	98 007	69 876,223	2 497 508,790	35,742	35,282
35	10	97 922	69 124,735	2 427 632,567	35,120	34,660
36	11	97 833	68 377,989	2 358 507,832	34,492	34,032
37	12	97 739	67 635,936	2 290 129,843	33,860	33,400
38	13	97 638	66 897,345	2 222 493,907	33,222	32,762
39	14	97 522	66 156,264	2 155 596,562	32,583	32,123
40	15	97 400	65 418,965	2 089 440,298	31,939	31,479
41	16	97 263	64 680,023	2 024 021,333	31,293	30,833
42	17	97 115	63 942,083	1 959 341,309	30,642	30,182
43	18	96 951	63 202,025	1 895 399,226	29,990	29,530
44	19	96 756	62 450,408	1 832 197,202	29,338	28,878
45	20	96 543	61 696,331	1 769 746,794	28,685	28,225
46	21	96 308	60 936,643	1 708 050,463	28,030	27,570
47	22	96 050	60 171,479	1 647 113,820	27,374	26,914
48	23	95 751	59 390,419	1 586 942,341	26,721	26,261
49	24	95 422	58 600,402	1 527 551,922	26,067	25,607
50	25	95 061	57 800,579	1 468 951,520	25,414	24,954
51	26	94 660	56 986,800	1 411 150,941	24,763	24,303
52	27	94 189	56 142,347	1 354 164,142	24,120	23,660
53	28	93 693	55 293,357	1 298 021,795	23,475	23,015
54	29	93 152	54 429,947	1 242 728,438	22,832	22,372
55	30	92 549	53 541,929	1 188 298,491	22,194	21,734
56	31	91 896	52 638,224	1 134 756,562	21,558	21,098
57	32	91 199	51 721,535	1 082 118,338	20,922	20,462
58	33	90 433	50 779,447	1 030 396,802	20,292	19,832
59	34	89 605	49 816,313	979 617,356	19,665	19,205
60	35	88 712	48 831,639	929 801,042	19,041	18,581
61	36	87 755	47 826,699	880 969,403	18,420	17,960
62	37	86 734	46 802,212	833 142,704	17,801	17,341
63	38	85 649	45 758,854	786 340,492	17,184	16,724
64	39	84 519	44 708,072	740 581,638	16,565	16,105
65	40	83 272	43 612,583	695 873,566	15,956	15,496
66	41	81 960	42 500,484	652 260,983	15,347	14,887
67	42	80 540	41 350,474	609 760,499	14,746	14,286
68	43	79 030	40 173,243	568 410,026	14,149	13,689
69	44	77 437	38 973,902	528 236,782	13,554	13,094
70	45	75 730	37 737,453	489 262,881	12,965	12,505
71	46	73 912	36 466,764	451 525,427	12,382	11,922
72	47	71 968	35 156,054	415 058,663	11,806	11,346
73	48	69 903	33 809,009	379 902,609	11,237	10,777
74	49	67 696	32 417,640	346 093,600	10,676	10,216
75	50	65 269	30 945,831	313 675,960	10,136	9,676
76	51	62 687	29 427,400	282 730,129	9,608	9,148
77	52	59 931	27 855,141	253 302,730	9,094	8,634
78	53	56 973	26 217,953	225 447,589	8,599	8,139
79	54	53 801	24 513,323	199 229,636	8,127	7,667
80	55	50 473	22 769,298	174 716,313	7,673	7,213
81	56	47 022	21 002,638	151 947,015	7,235	6,775
82	57	43 432	19 207,008	130 944,377	6,818	6,358
83	58	39 784	17 419,353	111 737,369	6,415	5,955
84	59	36 127	15 661,403	94 318,017	6,022	5,562
85	60	32 425	13 917,719	78 656,613	5,652	5,192
86	61	28 747	12 216,744	64 738,895	5,299	4,839
87	62	25 126	10 572,149	52 522,151	4,968	4,508
88	63	21 591	8 994,684	41 950,001	4,664	4,204
89	64	18 265	7 533,735	32 955,318	4,374	3,914
90	65	15 098	6 165,820	25 421,583	4,123	3,663
91	66	12 344	4 991,069	19 255,763	3,858	3,398
92	67	9 793	3 920,386	14 264,694	3,639	3,179
93	68	7 604	3 014,009	10 344,308	3,432	2,972
94	69	5 763	2 261,721	7 330,299	3,241	2,781
95	70	4 256	1 653,806	5 068,578	3,065	2,605
96	71	3 059	1 176,704	3 414,772	2,902	2,442
97	72	2 135	813,351	2 238,068	2,752	2,292
98	73	1 446	545,243	1 424,716	2,613	2,153
99	74	948	353,949	879,473	2,485	2,025
100	75	601	222,073	525,524	2,366	1,906

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	0	100 000	100 000,000	4 780 367,222	47,804	47,343	50	50	93 336	50 152,824	1 102 967,291	21,992	21,532
1	1	99 299	98 073,253	4 680 367,222	47,723	47,263	51	51	92 757	49 226,794	1 052 814,467	21,387	20,927
2	2	99 240	96 805,218	4 582 293,968	47,335	46,875	52	52	92 093	48 270,640	1 003 587,672	20,791	20,330
3	3	99 207	95 577,808	4 485 488,750	46,930	46,470	53	53	91 380	47 305,816	955 317,032	20,194	19,734
4	4	99 182	94 374,162	4 389 910,942	46,516	46,056	54	54	90 602	46 324,206	908 011,216	19,601	19,141
5	5	99 157	93 185,564	4 295 536,780	46,097	45,636	55	55	89 754	45 323,861	861 687,010	19,012	18,551
6	6	99 136	92 015,881	4 202 351,215	45,670	45,209	56	56	88 831	44 303,893	816 363,149	18,426	17,966
7	7	99 117	90 862,366	4 110 335,335	45,237	44,777	57	57	87 851	43 274,121	772 059,256	17,841	17,381
8	8	99 101	89 725,513	4 019 472,969	44,797	44,337	58	58	86 796	42 226,585	728 785,135	17,259	16,799
9	9	99 085	88 603,883	3 929 747,455	44,352	43,891	59	59	85 653	41 156,104	686 558,550	16,682	16,221
10	10	99 070	87 497,100	3 841 143,572	43,900	43,440	60	60	84 435	40 069,990	645 402,445	16,107	15,646
11	11	99 055	86 403,033	3 753 646,472	43,443	42,983	61	61	83 107	38 952,969	605 332,455	15,540	15,080
12	12	99 038	85 322,182	3 667 243,440	42,981	42,521	62	62	81 707	37 823,903	566 379,486	14,974	14,514
13	13	99 019	84 252,661	3 581 921,258	42,514	42,054	63	63	80 218	36 676,276	528 555,583	14,411	13,951
14	14	98 999	83 195,824	3 497 668,596	42,041	41,581	64	64	78 670	35 524,511	491 879,307	13,846	13,386
15	15	98 974	82 147,477	3 414 472,772	41,565	41,105	65	65	76 991	34 337,140	456 354,797	13,290	12,830
16	16	98 944	81 108,663	3 332 325,295	41,085	40,624	66	66	75 240	33 141,659	422 017,656	12,734	12,273
17	17	98 903	80 074,195	3 251 216,632	40,603	40,142	67	67	73 362	31 915,700	388 875,997	12,184	11,724
18	18	98 853	79 046,145	3 171 142,437	40,118	39,657	68	68	71 392	30 675,350	356 960,297	11,637	11,176
19	19	98 783	78 014,854	3 092 096,293	39,635	39,174	69	69	69 345	29 427,942	326 284,947	11,088	10,627
20	20	98 714	76 998,147	3 014 081,439	39,145	38,684	70	70	67 172	28 153,699	296 857,005	10,544	10,084
21	21	98 639	75 989,775	2 937 083,291	38,651	38,191	71	71	64 881	26 857,691	268 703,306	10,005	9,544
22	22	98 566	74 995,373	2 861 093,516	38,150	37,690	72	72	62 449	25 531,804	241 845,615	9,472	9,012
23	23	98 491	74 013,538	2 786 098,143	37,643	37,183	73	73	59 876	24 177,829	216 313,811	8,947	8,486
24	24	98 417	73 044,874	2 712 084,606	37,129	36,669	74	74	57 144	22 789,831	192 135,982	8,431	7,970
25	25	98 342	72 088,002	2 639 039,731	36,609	36,148	75	75	54 182	21 341,526	169 346,151	7,935	7,475
26	26	98 266	71 143,396	2 566 951,589	36,081	35,621	76	76	51 034	19 853,581	148 004,625	7,455	6,994
27	27	98 186	70 207,637	2 495 808,193	35,549	35,089	77	77	47 712	18 332,136	128 151,045	6,991	6,530
28	28	98 098	69 278,369	2 425 600,556	35,012	34,552	78	78	44 221	16 780,947	109 818,909	6,544	6,084
29	29	98 014	68 364,672	2 356 322,187	34,467	34,007	79	79	40 542	15 194,928	93 037,962	6,123	5,663
30	30	97 921	67 456,903	2 287 957,514	33,917	33,457	80	80	36 771	13 611,305	77 843,034	5,719	5,259
31	31	97 831	66 562,625	2 220 500,611	33,360	32,899	81	81	32 943	12 043,802	64 231,729	5,333	4,873
32	32	97 732	65 674,100	2 153 937,987	32,797	32,337	82	82	29 089	10 503,667	52 187,928	4,969	4,508
33	33	97 625	64 792,652	2 088 263,887	32,230	31,770	83	83	25 277	9 014,553	41 684,261	4,624	4,164
34	34	97 515	63 920,515	2 023 471,235	31,656	31,196	84	84	21 610	7 611,372	32 669,707	4,292	3,832
35	35	97 396	63 054,503	1 959 550,720	31,077	30,617	85	85	18 078	6 289,013	25 058,335	3,984	3,524
36	36	97 276	62 198,991	1 896 496,216	30,491	30,030	86	86	14 781	5 078,421	18 769,322	3,696	3,236
37	37	97 144	61 347,824	1 834 297,225	29,900	29,440	87	87	11 769	3 993,808	13 690,902	3,428	2,968
38	38	97 000	60 500,645	1 772 949,401	29,305	28,844	88	88	9 075	3 041,635	9 697,093	3,188	2,728
39	39	96 839	59 654,814	1 712 448,757	28,706	28,246	89	89	6 784	2 245,673	6 655,458	2,964	2,503
40	40	96 664	58 811,764	1 652 793,943	28,103	27,643	90	90	4 850	1 585,582	4 409,786	2,781	2,321
41	41	96 472	57 970,209	1 593 982,179	27,497	27,036	91	91	3 378	1 090,648	2 824,204	2,589	2,129
42	42	96 263	57 130,289	1 536 011,970	26,886	26,426	92	92	2 223	708,785	1 733,556	2,446	1,985
43	43	96 030	56 288,534	1 478 881,681	26,273	25,813	93	93	1 412	444,775	1 024,771	2,304	1,844
44	44	95 760	55 437,656	1 422 593,147	25,661	25,201	94	94	857	266,523	579,996	2,176	1,716
45	45	95 463	54 582,939	1 367 155,490	25,047	24,587	95	95	495	152,107	313,473	2,061	1,600
46	46	95 130	53 721,397	1 312 572,551	24,433	23,973	96	96	272	82,460	161,365	1,957	1,496
47	47	94 761	52 852,349	1 258 851,154	23,818	23,358	97	97	141	42,352	78,905	1,863	1,403
48	48	94 333	51 964,060	1 205 998,805	23,208	22,748	98	98	69	20,554	36,553	1,778	1,318
49	49	93 864	51 067,454	1 154 034,745	22,598	22,138	99	99	32	9,401	16,000	1,702	1,242
							100	100	14	4,041	6,599	1,633	1,173

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	1	99 685	99 684,731	4 764 371,130	47,794	47,334	50	51	93 130	50 042,337	1 088 624,191	21,754	21,294
1	2	99 273	98 047,365	4 664 686,398	47,576	47,115	51	52	92 530	49 106,347	1 038 581,854	21,150	20,689
2	3	99 226	96 790,800	4 566 639,033	47,181	46,720	52	53	91 840	48 138,119	989 475,507	20,555	20,095
3	4	99 196	95 567,129	4 469 848,233	46,772	46,311	53	54	91 105	47 163,589	941 337,388	19,959	19,499
4	5	99 170	94 362,915	4 374 281,104	46,356	45,896	54	55	90 313	46 176,375	894 173,799	19,364	18,904
5	6	99 147	93 176,146	4 279 918,189	45,934	45,473	55	56	89 436	45 163,271	847 997,424	18,776	18,316
6	7	99 128	92 007,867	4 186 742,044	45,504	45,044	56	57	88 496	44 136,770	802 834,152	18,190	17,729
7	8	99 109	90 854,568	4 094 734,177	45,069	44,609	57	58	87 500	43 101,173	758 697,383	17,603	17,142
8	9	99 093	89 718,905	4 003 879,609	44,627	44,167	58	59	86 413	42 040,268	715 596,210	17,022	16,561
9	10	99 078	88 597,771	3 914 160,704	44,179	43,719	59	60	85 248	40 961,764	673 555,942	16,444	15,983
10	11	99 063	87 490,890	3 825 562,932	43,725	43,265	60	61	83 980	39 854,039	632 594,177	15,873	15,412
11	12	99 047	86 396,123	3 738 072,043	43,267	42,806	61	62	82 629	38 729,118	592 740,139	15,305	14,844
12	13	99 030	85 315,314	3 651 675,919	42,802	42,342	62	63	81 191	37 585,323	554 011,021	14,740	14,280
13	14	99 010	84 245,114	3 566 360,605	42,333	41,873	63	64	79 678	36 429,157	516 425,698	14,176	13,716
14	15	98 989	83 186,807	3 482 115,491	41,859	41,399	64	65	78 092	35 263,426	479 996,541	13,612	13,151
15	16	98 961	82 137,144	3 398 928,685	41,381	40,921	65	66	76 390	34 068,971	444 733,115	13,054	12,594
16	17	98 928	81 096,183	3 316 791,541	40,899	40,439	66	67	74 596	32 858,157	410 664,143	12,498	12,038
17	18	98 887	80 061,345	3 235 695,358	40,415	39,955	67	68	72 692	31 624,236	377 805,987	11,947	11,486
18	19	98 831	79 028,090	3 155 634,013	39,931	39,470	68	69	70 699	30 377,473	346 181,750	11,396	10,936
19	20	98 763	77 998,741	3 076 605,923	39,444	38,984	69	70	68 609	29 115,373	315 804,277	10,847	10,386
20	21	98 693	76 981,054	2 998 607,183	38,953	38,492	70	71	66 392	27 826,983	286 688,904	10,303	9,842
21	22	98 619	75 973,872	2 921 626,128	38,456	37,995	71	72	64 045	26 511,839	258 861,921	9,764	9,304
22	23	98 543	74 978,549	2 845 652,257	37,953	37,492	72	73	61 545	25 162,161	232 350,082	9,234	8,774
23	24	98 469	73 996,620	2 770 673,708	37,443	36,983	73	74	58 903	23 784,669	207 187,921	8,711	8,251
24	25	98 397	73 030,109	2 696 677,088	36,926	36,465	74	75	56 081	22 365,768	183 403,252	8,200	7,740
25	26	98 321	72 072,285	2 623 646,979	36,403	35,943	75	76	53 019	20 883,581	161 037,484	7,711	7,251
26	27	98 243	71 126,559	2 551 574,694	35,874	35,413	76	77	49 784	19 367,311	140 153,903	7,237	6,776
27	28	98 160	70 188,776	2 480 448,135	35,340	34,879	77	78	46 390	17 823,901	120 786,592	6,777	6,316
28	29	98 073	69 260,851	2 410 259,360	34,800	34,339	78	79	42 803	16 242,812	102 962,691	6,339	5,879
29	30	97 986	68 345,057	2 340 998,509	34,253	33,792	79	80	39 070	14 643,262	86 719,880	5,922	5,462
30	31	97 894	67 437,810	2 272 653,452	33,700	33,240	80	81	35 235	13 042,821	72 076,618	5,526	5,066
31	32	97 801	66 542,521	2 205 215,642	33,140	32,680	81	82	31 375	11 470,633	59 033,797	5,147	4,686
32	33	97 697	65 650,820	2 138 673,120	32,576	32,116	82	83	27 485	9 924,449	47 563,164	4,793	4,332
33	34	97 589	64 768,962	2 073 022,300	32,006	31,546	83	84	23 692	8 449,237	37 638,715	4,455	3,994
34	35	97 474	63 893,363	2 008 253,339	31,431	30,971	84	85	20 047	7 060,950	29 189,478	4,134	3,674
35	36	97 358	63 029,423	1 944 359,975	30,848	30,388	85	86	16 582	5 768,568	22 128,528	3,836	3,376
36	37	97 230	62 169,433	1 881 330,552	30,261	29,801	86	87	13 388	4 599,918	16 359,960	3,557	3,096
37	38	97 092	61 315,083	1 819 161,119	29,669	29,209	87	88	10 495	3 561,312	11 760,042	3,302	2,842
38	39	96 946	60 466,963	1 757 846,036	29,071	28,611	88	89	7 966	2 669,682	8 198,729	3,071	2,611
39	40	96 775	59 615,349	1 697 379,073	28,472	28,012	89	90	5 824	1 927,872	5 529,047	2,868	2,408
40	41	96 596	58 770,230	1 637 763,723	27,867	27,407	90	91	4 099	1 340,141	3 601,176	2,687	2,227
41	42	96 395	57 923,746	1 578 993,493	27,260	26,799	91	92	2 778	896,854	2 261,035	2,521	2,061
42	43	96 177	57 079,438	1 521 069,748	26,648	26,188	92	93	1 802	574,665	1 364,180	2,374	1,913
43	44	95 932	56 230,898	1 463 990,309	26,035	25,575	93	94	1 119	352,595	789,516	2,239	1,779
44	45	95 653	55 375,391	1 407 759,411	25,422	24,962	94	95	663	206,320	436,921	2,118	1,657
45	46	95 341	54 513,661	1 352 384,020	24,808	24,348	95	96	374	114,833	230,601	2,008	1,548
46	47	94 996	53 645,698	1 297 870,359	24,193	23,733	96	97	200	60,633	115,769	1,909	1,449
47	48	94 606	52 765,930	1 244 224,662	23,580	23,120	97	98	101	30,291	55,136	1,820	1,360
48	49	94 166	51 872,165	1 191 458,732	22,969	22,509	98	99	48	14,281	24,845	1,740	1,279
49	50	93 671	50 962,375	1 139 586,567	22,361	21,901	99	100	22	6,337	10,564	1,667	1,207

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	2	99 658	99 658,418	4 747 559,277	47,638	47,178	50	52	92 902	49 919,894	1 073 281,042	21,500	21,040
1	3	99 258	98 032,762	4 647 900,859	47,412	46,951	51	53	92 276	48 971,531	1 023 361,147	20,897	20,437
2	4	99 215	96 779,985	4 549 868,096	47,012	46,552	52	54	91 564	47 993,390	974 389,616	20,303	19,842
3	5	99 184	95 555,739	4 453 088,112	46,602	46,142	53	55	90 815	47 013,080	926 396,226	19,705	19,245
4	6	99 160	94 353,377	4 357 532,372	46,183	45,723	54	56	89 993	46 012,765	879 383,146	19,112	18,651
5	7	99 138	93 168,031	4 263 178,995	45,758	45,298	55	57	89 099	44 992,906	833 370,382	18,522	18,062
6	8	99 119	91 999,970	4 170 010,964	45,326	44,866	56	58	88 142	43 960,374	788 377,475	17,934	17,473
7	9	99 101	90 847,877	4 078 010,994	44,888	44,428	57	59	87 113	42 910,997	744 417,101	17,348	16,888
8	10	99 086	89 712,716	3 987 163,117	44,444	43,983	58	60	86 005	41 841,753	701 506,104	16,766	16,305
9	11	99 071	88 591,483	3 897 450,401	43,994	43,533	59	61	84 789	40 741,007	659 664,351	16,192	15,731
10	12	99 055	87 483,893	3 808 858,918	43,538	43,077	60	62	83 497	39 625,009	618 923,344	15,620	15,159
11	13	99 039	86 389,169	3 721 375,024	43,077	42,616	61	63	82 108	38 484,828	579 298,335	15,053	14,592
12	14	99 021	85 307,671	3 634 985,856	42,610	42,150	62	64	80 644	37 332,079	540 813,507	14,487	14,026
13	15	99 000	84 235,983	3 549 678,184	42,140	41,679	63	65	79 092	36 161,424	503 481,428	13,923	13,463
14	16	98 976	83 176,342	3 465 442,201	41,664	41,203	64	66	77 482	34 988,023	467 320,004	13,357	12,896
15	17	98 946	82 124,505	3 382 265,859	41,185	40,724	65	67	75 736	33 777,537	432 331,981	12,799	12,339
16	18	98 913	81 083,169	3 300 141,353	40,701	40,240	66	68	73 915	32 558,086	398 554,444	12,241	11,781
17	19	98 864	80 043,058	3 219 058,184	40,217	39,756	67	69	71 986	31 317,145	365 996,358	11,687	11,226
18	20	98 810	79 011,767	3 139 015,126	39,728	39,268	68	70	69 948	30 054,818	334 679,213	11,136	10,675
19	21	98 741	77 981,426	3 060 003,359	39,240	38,780	69	71	67 813	28 777,497	304 624,395	10,586	10,125
20	22	98 672	76 964,943	2 982 021,933	38,745	38,285	70	72	65 537	27 468,649	275 846,897	10,042	9,582
21	23	98 597	75 956,828	2 905 056,990	38,246	37,786	71	73	63 118	26 128,008	248 378,248	9,506	9,046
22	24	98 521	74 961,410	2 829 100,162	37,741	37,280	72	74	60 544	24 752,994	222 250,240	8,979	8,518
23	25	98 449	73 981,662	2 754 138,751	37,227	36,767	73	75	57 807	23 342,095	197 497,245	8,461	8,001
24	26	98 376	73 014,044	2 680 157,089	36,707	36,247	74	76	54 878	21 885,845	174 155,151	7,957	7,497
25	27	98 297	72 055,227	2 607 143,045	36,183	35,722	75	77	51 721	20 372,083	152 269,306	7,474	7,014
26	28	98 217	71 107,451	2 535 087,818	35,652	35,191	76	78	48 404	18 830,377	131 897,223	7,004	6,544
27	29	98 135	70 171,027	2 463 980,367	35,114	34,654	77	79	44 902	17 252,319	113 066,846	6,554	6,093
28	30	98 045	69 240,978	2 393 809,340	34,572	34,112	78	80	41 249	15 653,101	95 814,526	6,121	5,661
29	31	97 958	68 325,713	2 324 568,362	34,022	33,561	79	81	37 438	14 031,678	80 161,425	5,713	5,253
30	32	97 864	67 417,442	2 256 242,648	33,467	33,006	80	82	33 558	12 422,108	66 129,747	5,324	4,863
31	33	97 767	66 518,934	2 188 825,206	32,905	32,445	81	83	29 645	10 838,093	53 707,639	4,955	4,495
32	34	97 661	65 626,816	2 122 306,272	32,339	31,879	82	84	25 762	9 302,071	42 869,546	4,609	4,148
33	35	97 548	64 741,449	2 056 679,456	31,768	31,307	83	85	21 979	7 838,224	33 567,475	4,283	3,822
34	36	97 435	63 867,949	1 991 938,007	31,188	30,728	84	86	18 388	6 476,624	25 729,251	3,973	3,512
35	37	97 311	62 999,470	1 928 070,057	30,605	30,144	85	87	15 020	5 225,038	19 252,627	3,685	3,224
36	38	97 178	62 136,255	1 865 070,587	30,016	29,555	86	88	11 938	4 101,786	14 027,589	3,420	2,959
37	39	97 038	61 280,948	1 802 934,332	29,421	28,960	87	89	9 211	3 125,810	9 925,803	3,175	2,715
38	40	96 882	60 426,961	1 741 653,384	28,822	28,362	88	90	6 838	2 291,877	6 799,993	2,967	2,507
39	41	96 707	59 573,247	1 681 226,423	28,221	27,761	89	91	4 923	1 629,446	4 508,117	2,767	2,306
40	42	96 518	58 723,126	1 621 653,175	27,615	27,155	90	92	3 371	1 102,016	2 878,671	2,612	2,152
41	43	96 309	57 872,189	1 562 930,050	27,007	26,546	91	93	2 252	727,146	1 776,655	2,443	1,983
42	44	96 078	57 020,992	1 505 057,861	26,395	25,934	92	94	1 429	455,564	1 049,509	2,304	1,843
43	45	95 824	56 167,742	1 448 036,869	25,781	25,320	93	95	867	272,950	593,945	2,176	1,716
44	46	95 532	55 305,107	1 391 869,127	25,167	24,707	94	96	501	155,760	320,995	2,061	1,600
45	47	95 207	54 436,845	1 336 564,020	24,553	24,092	95	97	275	84,436	165,235	1,957	1,497
46	48	94 841	53 557,980	1 282 127,175	23,939	23,479	96	98	143	43,366	80,799	1,863	1,403
47	49	94 439	52 672,617	1 228 569,194	23,325	22,864	97	99	70	21,047	37,433	1,779	1,318
48	50	93 973	51 765,431	1 175 896,577	22,716	22,255	98	100	33	9,627	16,386	1,702	1,242
49	51	93 465	50 850,105	1 124 131,147	22,107	21,646							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$
0	3	99 644	99 643,575	4 729 609,473	47,465	47,005	50	53	92 647	49 782,846	1 056 918,219	21,231	20,770
1	4	99 247	98 021,809	4 629 965,898	47,234	46,774	51	54	91 999	48 824,296	1 007 135,373	20,628	20,167
2	5	99 203	96 768,451	4 531 944,089	46,833	46,372	52	55	91 271	47 840,232	958 311,077	20,031	19,571
3	6	99 174	95 546,081	4 435 175,639	46,419	45,959	53	56	90 493	46 846,505	910 470,844	19,435	18,975
4	7	99 152	94 345,160	4 339 629,558	45,997	45,537	54	57	89 654	45 839,195	863 624,340	18,840	18,380
5	8	99 130	93 160,035	4 245 284,398	45,570	45,109	55	58	88 742	44 813,089	817 785,145	18,249	17,788
6	9	99 112	91 993,195	4 152 124,363	45,135	44,675	56	59	87 753	43 766,407	772 972,055	17,661	17,201
7	10	99 095	90 841,610	4 060 131,168	44,695	44,234	57	60	86 702	42 708,371	729 205,648	17,074	16,614
8	11	99 079	89 706,349	3 969 289,559	44,248	43,787	58	61	85 541	41 616,253	686 497,278	16,496	16,036
9	12	99 063	88 584,399	3 879 583,209	43,795	43,335	59	62	84 302	40 506,880	644 881,024	15,920	15,460
10	13	99 047	87 476,851	3 790 998,810	43,337	42,877	60	63	82 970	39 375,069	604 374,144	15,349	14,889
11	14	99 030	86 381,430	3 703 521,959	42,874	42,414	61	64	81 555	38 225,523	564 999,075	14,781	14,320
12	15	99 011	85 298,425	3 617 140,529	42,406	41,945	62	65	80 052	37 057,710	526 773,553	14,215	13,755
13	16	98 987	84 225,387	3 531 842,104	41,933	41,473	63	66	78 474	35 879,008	489 715,843	13,649	13,189
14	17	98 961	83 163,544	3 447 616,717	41,456	40,995	64	67	76 819	34 688,727	453 836,835	13,083	12,623
15	18	98 930	82 111,327	3 364 453,173	40,974	40,514	65	68	75 045	33 469,070	419 148,108	12,523	12,063
16	19	98 890	81 064,649	3 282 341,847	40,490	40,030	66	69	73 197	32 241,927	385 679,039	11,962	11,502
17	20	98 844	80 026,526	3 201 277,198	40,003	39,542	67	70	71 222	30 984,510	353 437,112	11,407	10,947
18	21	98 788	78 994,227	3 121 250,672	39,512	39,052	68	71	69 136	29 706,040	322 452,602	10,855	10,394
19	22	98 720	77 965,105	3 042 256,444	39,021	38,560	69	72	66 939	28 406,924	292 746,562	10,305	9,845
20	23	98 650	76 947,678	2 964 291,339	38,523	38,063	70	73	64 589	27 070,966	264 339,638	9,765	9,304
21	24	98 574	75 939,466	2 887 343,662	38,022	37,561	71	74	62 092	25 703,136	237 268,672	9,231	8,771
22	25	98 501	74 946,258	2 811 404,196	37,512	37,052	72	75	59 417	24 292,402	211 565,536	8,709	8,249
23	26	98 427	73 965,388	2 736 457,938	36,996	36,536	73	76	56 566	22 841,222	187 273,135	8,199	7,739
24	27	98 352	72 996,764	2 662 492,550	36,474	36,014	74	77	53 534	21 349,799	164 431,913	7,702	7,241
25	28	98 271	72 035,802	2 589 495,786	35,947	35,487	75	78	50 287	19 807,293	143 082,114	7,224	6,763
26	29	98 192	71 089,470	2 517 459,916	35,413	34,952	76	79	46 852	18 226,520	123 274,821	6,763	6,303
27	30	98 107	70 150,893	2 446 370,446	34,873	34,413	77	80	43 272	16 625,958	105 048,301	6,318	5,858
28	31	98 017	69 221,381	2 376 219,553	34,328	33,867	78	81	39 526	14 999,340	88 422,343	5,895	5,435
29	32	97 928	68 305,077	2 306 998,172	33,775	33,315	79	82	35 657	13 363,905	73 423,002	5,494	5,034
30	33	97 829	67 393,545	2 238 693,095	33,218	32,758	80	83	31 708	11 737,100	60 059,097	5,117	4,657
31	34	97 731	66 494,612	2 171 299,550	32,654	32,193	81	84	27 786	10 158,419	48 321,998	4,757	4,296
32	35	97 620	65 598,939	2 104 804,938	32,086	31,626	82	85	23 899	8 629,385	38 163,579	4,423	3,962
33	36	97 509	64 715,698	2 039 205,999	31,510	31,050	83	86	20 160	7 189,575	29 534,193	4,108	3,648
34	37	97 388	63 837,599	1 974 490,301	30,930	30,470	84	87	16 655	5 866,379	22 344,619	3,809	3,349
35	38	97 259	62 965,849	1 910 652,702	30,344	29,884	85	88	13 393	4 659,210	16 478,240	3,537	3,076
36	39	97 124	62 101,662	1 847 686,853	29,753	29,292	86	89	10 478	3 600,190	11 819,029	3,283	2,823
37	40	96 974	61 240,408	1 785 585,191	29,157	28,697	87	90	7 908	2 683,455	8 218,839	3,063	2,602
38	41	96 813	60 384,286	1 724 344,783	28,556	28,096	88	91	5 780	1 937,104	5 535,385	2,858	2,397
39	42	96 629	59 525,500	1 663 960,497	27,954	27,493	89	92	4 048	1 339,915	3 598,280	2,685	2,225
40	43	96 433	58 670,857	1 604 434,997	27,346	26,886	90	93	2 733	893,486	2 258,365	2,528	2,067
41	44	96 210	57 812,931	1 545 764,140	26,737	26,277	91	94	1 785	576,443	1 364,879	2,368	1,907
42	45	95 971	56 956,949	1 487 951,209	26,124	25,664	92	95	1 106	352,660	788,436	2,236	1,775
43	46	95 702	56 096,452	1 430 994,260	25,510	25,049	93	96	654	206,062	435,776	2,115	1,654
44	47	95 397	55 227,176	1 374 897,808	24,895	24,435	94	97	368	114,530	229,714	2,006	1,545
45	48	95 051	54 347,834	1 319 670,632	24,282	23,822	95	98	197	60,391	115,184	1,907	1,447
46	49	94 673	53 463,267	1 265 322,798	23,667	23,207	96	99	99	30,131	54,793	1,818	1,358
47	50	94 245	52 564,235	1 211 859,531	23,055	22,594	97	100	47	14,187	24,662	1,738	1,278
48	51	93 766	51 651,391	1 159 295,296	22,445	21,984							
49	52	93 236	50 725,686	1 107 643,904	21,836	21,376							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	4	99 632	99 632,441	4 710 482,596	47,279	46,818	50	54	92 368	49 633,171	1 039 524,740	20,944	20,484
1	5	99 235	98 010,126	4 610 850,155	47,045	46,584	51	55	91 705	48 668,487	989 891,569	20,339	19,879
2	6	99 193	96 758,670	4 512 840,028	46,640	46,180	52	56	90 948	47 670,726	941 223,081	19,744	19,284
3	7	99 165	95 537,760	4 416 081,359	46,223	45,763	53	57	90 151	46 669,790	893 552,355	19,146	18,686
4	8	99 143	94 337,063	4 320 543,599	45,799	45,339	54	58	89 295	45 655,996	846 882,565	18,549	18,089
5	9	99 123	93 153,174	4 226 206,536	45,368	44,908	55	59	88 351	44 615,360	801 226,569	17,959	17,498
6	10	99 105	91 986,849	4 133 053,362	44,931	44,471	56	60	87 339	43 559,741	756 611,209	17,370	16,909
7	11	99 088	90 835,163	4 041 066,513	44,488	44,028	57	61	86 235	42 478,200	713 051,468	16,786	16,326
8	12	99 071	89 699,176	3 950 231,351	44,039	43,578	58	62	85 050	41 377,097	670 573,268	16,206	15,746
9	13	99 055	88 577,268	3 860 532,175	43,584	43,123	59	63	83 770	40 251,377	629 196,171	15,632	15,171
10	14	99 039	87 469,015	3 771 954,907	43,123	42,663	60	64	82 411	39 109,765	588 944,794	15,059	14,598
11	15	99 019	86 372,068	3 684 485,892	42,658	42,198	61	65	80 956	37 944,588	549 835,029	14,490	14,030
12	16	98 998	85 287,695	3 598 113,824	42,188	41,728	62	66	79 427	36 768,294	511 890,441	13,922	13,462
13	17	98 972	84 212,427	3 512 826,129	41,714	41,253	63	67	77 803	35 572,089	475 122,147	13,357	12,896
14	18	98 945	83 150,199	3 428 613,702	41,234	40,774	64	68	76 118	34 371,939	439 550,058	12,788	12,328
15	19	98 908	82 092,571	3 345 463,503	40,752	40,292	65	69	74 316	33 144,064	405 178,119	12,225	11,764
16	20	98 869	81 047,906	3 263 370,932	40,265	39,804	66	70	72 420	31 899,468	372 034,055	11,663	11,202
17	21	98 822	80 008,761	3 182 323,027	39,775	39,314	67	71	70 395	30 624,943	340 134,587	11,106	10,646
18	22	98 768	78 977,695	3 102 314,265	39,281	38,821	68	72	68 246	29 323,510	309 509,644	10,555	10,095
19	23	98 698	77 947,615	3 023 336,571	38,787	38,326	69	73	65 970	27 995,656	280 186,134	10,008	9,548
20	24	98 627	76 930,089	2 945 388,955	38,287	37,826	70	74	63 538	26 630,760	252 190,478	9,470	9,010
21	25	98 554	75 924,116	2 868 458,867	37,781	37,320	71	75	60 936	25 224,863	225 559,718	8,942	8,482
22	26	98 479	74 929,771	2 792 534,751	37,269	36,808	72	76	58 142	23 771,137	200 334,854	8,428	7,967
23	27	98 404	73 947,883	2 717 604,980	36,750	36,290	73	77	55 181	22 281,776	176 563,717	7,924	7,464
24	28	98 326	72 977,153	2 643 657,097	36,226	35,765	74	78	52 049	20 757,903	154 281,941	7,432	6,972
25	29	98 246	72 017,654	2 570 679,944	35,695	35,235	75	79	48 674	19 172,108	133 524,038	6,964	6,504
26	30	98 164	71 069,073	2 498 662,289	35,158	34,698	76	80	45 151	17 564,789	114 351,930	6,510	6,050
27	31	98 079	70 131,038	2 427 593,216	34,615	34,155	77	81	41 464	15 931,565	96 787,141	6,075	5,615
28	32	97 987	69 200,474	2 357 462,178	34,067	33,607	78	82	37 645	14 285,517	80 855,575	5,660	5,200
29	33	97 894	68 280,865	2 288 261,704	33,512	33,052	79	83	33 690	12 626,962	66 570,059	5,272	4,812
30	34	97 794	67 368,903	2 219 980,839	32,953	32,492	80	84	29 719	11 001,048	53 943,097	4,903	4,443
31	35	97 690	66 466,367	2 152 611,935	32,386	31,926	81	85	25 776	9 423,805	42 942,050	4,557	4,096
32	36	97 581	65 572,847	2 086 145,569	31,814	31,354	82	86	21 921	7 915,264	33 518,244	4,235	3,774
33	37	97 463	64 684,944	2 020 572,722	31,237	30,777	83	87	18 260	6 512,154	25 602,980	3,932	3,471
34	38	97 337	63 803,529	1 955 887,777	30,655	30,194	84	88	14 852	5 231,100	19 090,827	3,649	3,189
35	39	97 205	62 930,795	1 892 084,248	30,066	29,606	85	89	11 756	4 089,449	13 859,727	3,389	2,929
36	40	97 059	62 060,579	1 829 153,453	29,474	29,013	86	90	8 996	3 090,702	9 770,278	3,161	2,701
37	41	96 905	61 197,158	1 767 092,874	28,875	28,415	87	91	6 684	2 268,068	6 679,576	2,945	2,485
38	42	96 736	60 335,888	1 705 895,716	28,273	27,813	88	92	4 753	1 592,907	4 411,509	2,769	2,309
39	43	96 543	59 472,517	1 645 559,828	27,669	27,209	89	93	3 282	1 086,369	2 818,602	2,595	2,134
40	44	96 334	58 610,782	1 586 087,311	27,061	26,601	90	94	2 167	708,308	1 732,233	2,446	1,985
41	45	96 102	57 747,998	1 527 476,529	26,451	25,990	91	95	1 382	446,235	1 023,925	2,295	1,834
42	46	95 849	56 884,657	1 469 728,531	25,837	25,377	92	96	835	266,239	577,690	2,170	1,709
43	47	95 567	56 017,406	1 412 843,874	25,222	24,761	93	97	481	151,517	311,451	2,056	1,595
44	48	95 241	55 136,873	1 356 826,467	24,608	24,148	94	98	263	81,915	159,934	1,952	1,492
45	49	94 883	54 251,724	1 301 689,594	23,994	23,533	95	99	137	41,960	78,019	1,859	1,399
46	50	94 478	53 353,258	1 247 437,871	23,381	22,920	96	100	67	20,311	36,059	1,775	1,315
47	51	94 037	52 448,436	1 194 084,612	22,767	22,306							
48	52	93 536	51 525,011	1 141 636,176	22,157	21,697							
49	53	92 980	50 586,425	1 090 111,165	21,549	21,089							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	5	99 621	99 620,567	4 690 152,992	47,080	46,620	50	55	92 074	49 474,781	1 021 093,619	20,639	20,178
1	6	99 225	98 000,220	4 590 532,425	46,842	46,382	51	56	91 380	48 496,047	971 618,839	20,035	19,575
2	7	99 184	96 750,243	4 492 532,205	46,434	45,974	52	57	90 605	47 490,903	923 122,792	19,438	18,977
3	8	99 157	95 529,560	4 395 781,962	46,015	45,554	53	58	89 791	46 483,271	875 631,889	18,838	18,377
4	9	99 136	94 330,115	4 300 252,402	45,587	45,127	54	59	88 901	45 454,547	829 148,618	18,241	17,781
5	10	99 116	93 146,748	4 205 922,287	45,154	44,693	55	60	87 934	44 404,685	783 694,070	17,649	17,189
6	11	99 098	91 980,321	4 112 775,539	44,714	44,253	56	61	86 868	43 324,982	739 289,385	17,064	16,603
7	12	99 080	90 827,899	4 020 795,218	44,268	43,808	57	62	85 739	42 234,090	695 964,403	16,479	16,018
8	13	99 064	89 691,955	3 929 967,319	43,816	43,356	58	63	84 513	41 116,105	653 730,312	15,900	15,439
9	14	99 046	88 569,334	3 840 275,364	43,359	42,899	59	64	83 205	39 980,169	612 614,208	15,323	14,863
10	15	99 028	87 459,535	3 751 706,031	42,896	42,436	60	65	81 806	38 822,331	572 634,039	14,750	14,290
11	16	99 007	86 361,203	3 664 246,496	42,429	41,969	61	66	80 323	37 648,245	533 811,707	14,179	13,719
12	17	98 983	85 274,572	3 577 885,294	41,957	41,497	62	67	78 747	36 453,768	496 163,462	13,611	13,150
13	18	98 956	84 198,913	3 492 610,722	41,480	41,020	63	68	77 092	35 247,234	459 709,694	13,042	12,582
14	19	98 922	83 131,206	3 408 411,808	41,000	40,540	64	69	75 379	34 038,166	424 462,460	12,470	12,010
15	20	98 887	82 075,616	3 325 280,602	40,515	40,054	65	70	73 527	32 792,024	390 424,294	11,906	11,446
16	21	98 848	81 029,914	3 243 204,986	40,025	39,564	66	71	71 579	31 529,284	357 632,270	11,343	10,882
17	22	98 801	79 992,016	3 162 175,073	39,531	39,071	67	72	69 489	30 230,580	326 102,986	10,787	10,327
18	23	98 746	78 959,978	3 082 183,056	39,035	38,574	68	73	67 258	28 898,972	295 872,407	10,238	9,778
19	24	98 675	77 929,798	3 003 223,079	38,538	38,077	69	74	64 897	27 540,413	266 973,434	9,694	9,233
20	25	98 607	76 914,538	2 925 293,281	38,033	37,573	70	75	62 356	26 135,227	239 433,021	9,161	8,701
21	26	98 533	75 907,414	2 848 378,742	37,524	37,064	71	76	59 629	24 683,590	213 297,794	8,641	8,181
22	27	98 456	74 912,038	2 772 471,328	37,010	36,549	72	77	56 718	23 188,915	188 614,204	8,134	7,673
23	28	98 377	73 928,017	2 697 559,291	36,489	36,029	73	78	53 651	21 664,042	165 425,289	7,636	7,176
24	29	98 301	72 958,700	2 623 631,274	35,960	35,500	74	79	50 380	20 092,234	143 761,246	7,155	6,695
25	30	98 218	71 996,991	2 550 672,574	35,427	34,967	75	80	46 907	18 476,047	123 669,013	6,693	6,233
26	31	98 136	71 048,958	2 478 675,584	34,887	34,426	76	81	43 265	16 831,186	105 192,966	6,250	5,789
27	32	98 049	70 109,857	2 407 626,625	34,341	33,880	77	82	39 491	15 173,376	88 361,780	5,823	5,363
28	33	97 953	69 175,945	2 337 516,768	33,791	33,331	78	83	35 569	13 497,752	73 188,404	5,422	4,962
29	34	97 858	68 255,899	2 268 340,824	33,233	32,773	79	84	31 578	11 835,105	59 690,652	5,044	4,583
30	35	97 752	67 340,287	2 200 084,924	32,671	32,211	80	85	27 570	10 205,499	47 855,547	4,689	4,229
31	36	97 651	66 439,929	2 132 744,638	32,100	31,640	81	86	23 643	8 643,942	37 650,048	4,356	3,895
32	37	97 535	65 541,686	2 066 304,709	31,527	31,066	82	87	19 855	7 169,466	29 006,106	4,046	3,585
33	38	97 411	64 650,423	2 000 763,023	30,947	30,487	83	88	16 283	5 806,942	21 836,640	3,760	3,300
34	39	97 282	63 768,009	1 936 112,600	30,362	29,901	84	89	13 036	4 591,403	16 029,698	3,491	3,031
35	40	97 141	62 889,163	1 872 344,591	29,772	29,312	85	90	10 092	3 510,722	11 438,294	3,258	2,798
36	41	96 991	62 016,750	1 809 455,428	29,177	28,716	86	91	7 603	2 612,275	7 927,572	3,035	2,574
37	42	96 828	61 148,109	1 747 438,678	28,577	28,111	87	92	5 496	1 865,063	5 315,297	2,850	2,390
38	43	96 650	60 282,184	1 686 290,569	27,973	27,513	88	93	3 853	1 291,488	3 450,234	2,672	2,211
39	44	96 445	59 411,621	1 626 008,384	27,369	26,908	89	94	2 602	861,216	2 158,747	2,507	2,046
40	45	96 226	58 544,953	1 566 596,764	26,759	26,298	90	95	1 677	548,314	1 297,531	2,366	1,906
41	46	95 980	57 674,702	1 508 051,811	26,148	25,687	91	96	1 043	336,883	749,217	2,224	1,764
42	47	95 714	56 804,501	1 450 377,109	25,533	25,072	92	97	614	195,764	412,334	2,106	1,646
43	48	95 411	55 925,811	1 393 572,608	24,918	24,458	93	98	344	108,369	216,569	1,998	1,538
44	49	95 072	55 039,367	1 337 646,797	24,303	23,843	94	99	183	56,915	108,200	1,901	1,441
45	50	94 688	54 140,093	1 282 607,429	23,691	23,230	95	100	92	28,285	51,285	1,813	1,353
46	51	94 270	53 235,721	1 228 467,337	23,076	22,616							
47	52	93 807	52 320,106	1 175 231,615	22,462	22,002							
48	53	93 279	51 383,556	1 122 911,510	21,854	21,393							
49	54	92 701	50 434,335	1 071 527,954	21,246	20,786							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	6	99 610	99 610,498	4 668 605,390	46,869	46,408	50	56	91 747	49 299,484	1 001 620,018	20,317	19,857
1	7	99 217	97 991,685	4 568 994,892	46,626	46,166	51	57	91 036	48 313,110	952 320,535	19,711	19,251
2	8	99 176	96 741,939	4 471 003,207	46,216	45,755	52	58	90 243	47 301,102	904 007,425	19,112	18,651
3	9	99 150	95 522,525	4 374 261,268	45,793	45,333	53	59	89 395	46 278,173	856 706,323	18,512	18,052
4	10	99 129	94 323,608	4 278 738,743	45,362	44,902	54	60	88 482	45 239,910	810 428,150	17,914	17,454
5	11	99 109	93 140,137	4 184 415,135	44,926	44,466	55	61	87 460	44 165,373	765 188,240	17,326	16,865
6	12	99 090	91 972,965	4 091 274,998	44,483	44,023	56	62	86 369	43 076,006	721 022,868	16,738	16,278
7	13	99 072	90 820,587	3 999 302,033	44,035	43,575	57	63	85 198	41 967,693	677 946,861	16,154	15,694
8	14	99 055	89 683,921	3 908 481,445	43,581	43,120	58	64	83 944	40 839,070	635 979,168	15,573	15,112
9	15	99 036	88 559,734	3 818 797,525	43,121	42,661	59	65	82 594	39 686,338	595 140,098	14,996	14,536
10	16	99 015	87 448,533	3 730 237,791	42,656	42,196	60	66	81 167	38 519,134	555 453,760	14,420	13,960
11	17	98 991	86 347,914	3 642 789,258	42,187	41,727	61	67	79 636	37 326,192	516 934,626	13,849	13,389
12	18	98 967	85 260,888	3 556 441,344	41,712	41,252	62	68	78 028	36 120,861	479 608,434	13,278	12,817
13	19	98 933	84 179,681	3 471 180,456	41,235	40,775	63	69	76 344	34 904,961	443 487,572	12,706	12,245
14	20	98 902	83 114,036	3 387 000,775	40,751	40,291	64	70	74 578	33 676,629	408 582,611	12,133	11,672
15	21	98 865	82 057,396	3 303 886,739	40,263	39,803	65	71	72 673	32 411,482	374 905,982	11,567	11,107
16	22	98 827	81 012,955	3 221 829,343	39,769	39,309	66	72	70 657	31 123,275	342 494,501	11,004	10,544
17	23	98 779	79 974,071	3 140 816,388	39,273	38,813	67	73	68 483	29 792,910	311 371,226	10,451	9,991
18	24	98 723	78 941,929	3 060 842,316	38,773	38,313	68	74	66 164	28 429,041	281 578,316	9,905	9,444
19	25	98 656	77 914,045	2 981 900,387	38,272	37,811	69	75	63 690	27 027,954	253 149,275	9,366	8,906
20	26	98 586	76 897,619	2 903 986,342	37,764	37,304	70	76	61 018	25 574,419	226 121,321	8,842	8,381
21	27	98 509	75 889,449	2 827 088,723	37,253	36,792	71	77	58 168	24 079,020	200 546,903	8,329	7,868
22	28	98 430	74 891,913	2 751 199,274	36,736	36,275	72	78	55 146	22 546,033	176 467,883	7,827	7,367
23	29	98 352	73 909,322	2 676 307,361	36,211	35,750	73	79	51 930	20 969,314	153 921,850	7,340	6,880
24	30	98 273	72 937,766	2 602 398,039	35,680	35,219	74	80	48 551	19 362,767	132 952,536	6,866	6,406
25	31	98 190	71 976,613	2 529 460,272	35,143	34,682	75	81	44 948	17 704,384	113 589,770	6,416	5,956
26	32	98 106	71 027,500	2 457 483,659	34,599	34,139	76	82	41 206	16 030,183	95 885,385	5,982	5,521
27	33	98 015	70 085,005	2 386 456,159	34,051	33,590	77	83	37 313	14 336,651	79 855,202	5,570	5,110
28	34	97 917	69 150,652	2 316 371,154	33,497	33,037	78	84	33 339	12 651,286	65 518,551	5,179	4,718
29	35	97 816	68 226,906	2 247 220,503	32,937	32,477	79	85	29 294	10 979,241	52 867,265	4,815	4,355
30	36	97 713	67 313,502	2 178 993,597	32,371	31,910	80	86	25 288	9 360,947	41 888,024	4,475	4,014
31	37	97 604	66 408,356	2 111 680,095	31,798	31,338	81	87	21 416	7 829,486	32 527,077	4,154	3,694
32	38	97 483	65 506,707	2 045 271,739	31,222	30,762	82	88	17 705	6 393,073	24 697,590	3,863	3,403
33	39	97 357	64 614,431	1 979 765,032	30,640	30,179	83	89	14 292	5 096,828	18 304,517	3,591	3,131
34	40	97 218	63 725,823	1 915 150,601	30,053	29,593	84	90	11 191	3 941,642	13 207,689	3,351	2,890
35	41	97 072	62 844,749	1 851 424,777	29,460	29,000	85	91	8 530	2 967,278	9 266,048	3,123	2,662
36	42	96 913	61 967,044	1 788 580,029	28,863	28,403	86	92	6 252	2 148,109	6 298,769	2,932	2,472
37	43	96 741	61 093,682	1 726 612,985	28,262	27,801	87	93	4 456	1 512,144	4 150,660	2,745	2,284
38	44	96 551	60 220,459	1 665 519,303	27,657	27,197	88	94	3 055	1 023,824	2 638,516	2,577	2,117
39	45	96 336	59 344,892	1 605 298,844	27,050	26,590	89	95	2 014	666,682	1 614,693	2,422	1,962
40	46	96 103	58 470,645	1 545 953,951	26,440	25,979	90	96	1 266	413,947	948,010	2,290	1,830
41	47	95 845	57 593,432	1 487 483,306	25,827	25,367	91	97	767	247,709	534,063	2,156	1,696
42	48	95 557	56 711,619	1 429 889,874	25,213	24,753	92	98	439	140,016	286,354	2,045	1,585
43	49	95 242	55 826,910	1 373 178,255	24,597	24,137	93	99	239	75,296	146,338	1,944	1,483
44	50	94 877	54 926,116	1 317 351,345	23,984	23,524	94	100	123	38,366	71,042	1,852	1,391
45	51	94 480	54 020,822	1 262 425,229	23,369	22,909							
46	52	94 040	53 105,464	1 208 404,407	22,755	22,294							
47	53	93 549	52 176,468	1 155 298,942	22,142	21,682							
48	54	92 999	51 229,069	1 103 122,475	21,533	21,073							
49	55	92 405	50 273,387	1 051 893,406	20,923	20,463							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	7	99 602	99 601,823	4 645 827,729	46,644	46,184	50	57	91 401	49 113,516	981 113,346	19,976	19,516
1	8	99 208	97 983,275	4 546 225,906	46,398	45,938	51	58	90 672	48 120,023	931 999,830	19,368	18,908
2	9	99 168	96 734,815	4 448 242,631	45,984	45,523	52	59	89 845	47 092,395	883 879,807	18,769	18,309
3	10	99 143	95 515,935	4 351 507,816	45,558	45,098	53	60	88 973	46 059,646	836 787,411	18,167	17,707
4	11	99 122	94 316,914	4 255 991,881	45,124	44,664	54	61	88 005	44 996,096	790 727,765	17,573	17,113
5	12	99 101	93 132,689	4 161 674,967	44,685	44,225	55	62	86 957	43 911,567	745 731,669	16,983	16,522
6	13	99 082	91 965,561	4 068 542,278	44,240	43,779	56	63	85 824	42 804,298	701 820,102	16,396	15,936
7	14	99 063	90 812,452	3 976 576,717	43,789	43,329	57	64	84 624	41 684,920	659 015,804	15,809	15,349
8	15	99 044	89 674,200	3 885 764,265	43,332	42,872	58	65	83 327	40 538,927	617 330,884	15,228	14,768
9	16	99 023	88 548,594	3 796 090,065	42,870	42,410	59	66	81 949	39 376,393	576 791,956	14,648	14,188
10	17	99 000	87 435,077	3 707 541,471	42,403	41,943	60	67	80 472	38 189,631	537 415,563	14,072	13,612
11	18	98 975	86 334,058	3 620 106,394	41,931	41,471	61	68	78 909	36 985,318	499 225,932	13,498	13,038
12	19	98 944	85 241,413	3 533 772,337	41,456	40,996	62	69	77 270	35 770,105	462 240,614	12,923	12,462
13	20	98 913	84 162,295	3 448 530,923	40,975	40,514	63	70	75 533	34 534,218	426 470,509	12,349	11,889
14	21	98 880	83 095,586	3 364 368,628	40,488	40,028	64	71	73 713	33 285,821	391 936,291	11,775	11,314
15	22	98 844	82 040,222	3 281 273,043	39,996	39,536	65	72	71 738	31 994,113	358 650,471	11,210	10,750
16	23	98 805	80 994,781	3 199 232,821	39,499	39,039	66	73	69 634	30 672,681	326 656,358	10,650	10,189
17	24	98 756	79 955,791	3 118 238,039	39,000	38,539	67	74	67 369	29 308,441	295 983,677	10,099	9,639
18	25	98 703	78 925,972	3 038 282,248	38,495	38,035	68	75	64 933	27 900,046	266 675,235	9,558	9,098
19	26	98 634	77 896,906	2 959 356,276	37,991	37,530	69	76	62 323	26 447,990	238 775,189	9,028	8,568
20	27	98 562	76 879,420	2 881 459,370	37,480	37,020	70	77	59 524	24 948,029	212 327,199	8,511	8,050
21	28	98 483	75 869,062	2 804 579,951	36,966	36,506	71	78	56 556	23 411,460	187 379,170	8,004	7,543
22	29	98 405	74 872,975	2 728 710,889	36,445	35,984	72	79	53 377	21 823,021	163 967,710	7,514	7,053
23	30	98 324	73 888,116	2 653 837,914	35,917	35,457	73	80	50 045	20 208,004	142 144,690	7,034	6,574
24	31	98 245	72 917,123	2 579 949,798	35,382	34,922	74	81	46 523	18 554,069	121 936,686	6,572	6,112
25	32	98 160	71 954,875	2 507 032,675	34,842	34,381	75	82	42 809	16 861,826	103 382,616	6,131	5,671
26	33	98 072	71 002,322	2 435 077,801	34,296	33,835	76	83	38 934	15 146,210	86 520,790	5,712	5,252
27	34	97 979	70 059,379	2 364 075,478	33,744	33,283	77	84	34 973	13 437,577	71 374,580	5,312	4,851
28	35	97 875	69 121,278	2 294 016,099	33,188	32,728	78	85	30 928	11 736,399	57 937,003	4,937	4,476
29	36	97 777	68 199,768	2 224 894,821	32,623	32,163	79	86	26 870	10 070,658	46 200,603	4,588	4,127
30	37	97 667	67 281,513	2 156 695,053	32,055	31,594	80	87	22 906	8 478,933	36 129,946	4,261	3,801
31	38	97 552	66 372,915	2 089 413,539	31,480	31,020	81	88	19 096	6 981,619	27 651,012	3,961	3,500
32	39	97 428	65 470,239	2 023 040,625	30,900	30,440	82	89	15 540	5 611,283	20 669,394	3,684	3,223
33	40	97 292	64 571,685	1 957 570,386	30,316	29,856	83	90	12 269	4 375,540	15 058,111	3,441	2,981
34	41	97 149	63 680,818	1 892 998,700	29,726	29,266	84	91	9 458	3 331,493	10 682,571	3,207	2,746
35	42	96 994	62 794,379	1 829 317,882	29,132	28,671	85	92	7 014	2 440,033	7 351,078	3,013	2,552
36	43	96 827	61 911,888	1 766 523,503	28,533	28,072	86	93	5 069	1 741,631	4 911,045	2,820	2,359
37	44	96 642	61 031,126	1 704 611,615	27,930	27,470	87	94	3 533	1 198,749	3 169,414	2,644	2,184
38	45	96 442	60 152,822	1 643 580,489	27,323	26,863	88	95	2 365	792,560	1 970,665	2,486	2,026
39	46	96 214	59 269,570	1 583 427,667	26,716	26,255	89	96	1 521	503,309	1 178,106	2,341	1,880
40	47	95 968	58 388,254	1 524 158,097	26,104	25,643	90	97	931	304,374	674,797	2,217	1,757
41	48	95 688	57 499,260	1 465 769,843	25,492	25,032	91	98	549	177,168	370,423	2,091	1,630
42	49	95 388	56 611,328	1 408 270,583	24,876	24,416	92	99	305	97,285	193,255	1,986	1,526
43	50	95 046	55 712,038	1 351 659,255	24,262	23,801	93	100	161	50,757	95,970	1,891	1,430
44	51	94 668	54 805,113	1 295 947,217	23,646	23,186							
45	52	94 248	53 888,644	1 241 142,103	23,032	22,571							
46	53	93 781	52 959,670	1 187 253,459	22,418	21,958							
47	54	93 268	52 019,597	1 134 293,789	21,805	21,345							
48	55	92 702	51 065,586	1 082 274,192	21,194	20,733							
49	56	92 077	50 095,260	1 031 208,606	20,585	20,125							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 593	99 593,274	4 621 813,822	46,407	45,946	50	58	91 036	48 917,230	959 582,437	19,616	19,156
1	9	99 201	97 976,059	4 522 220,548	46,156	45,696	51	59	90 272	47 907,703	910 665,206	19,009	18,548
2	10	99 161	96 728,142	4 424 244,489	45,739	45,279	52	60	89 420	46 870,024	862 757,503	18,407	17,947
3	11	99 136	95 509,157	4 327 516,347	45,310	44,850	53	61	88 493	45 811,414	815 887,480	17,810	17,349
4	12	99 114	94 309,372	4 232 007,190	44,874	44,413	54	62	87 499	44 737,517	770 076,065	17,213	16,753
5	13	99 093	93 125,192	4 137 697,819	44,432	43,971	55	63	86 409	43 634,589	725 338,549	16,623	16,163
6	14	99 073	91 957,323	4 044 572,627	43,983	43,523	56	64	85 246	42 515,889	681 703,960	16,034	15,574
7	15	99 052	90 802,609	3 952 615,304	43,530	43,069	57	65	84 002	41 378,561	639 188,071	15,447	14,987
8	16	99 031	89 662,920	3 861 812,695	43,070	42,610	58	66	82 676	40 222,323	597 809,510	14,863	14,402
9	17	99 008	88 534,969	3 772 149,775	42,606	42,146	59	67	81 248	39 039,557	557 587,187	14,283	13,822
10	18	98 984	87 421,046	3 683 614,806	42,136	41,676	60	68	79 738	37 840,872	518 547,630	13,703	13,243
11	19	98 953	86 314,338	3 596 193,760	41,664	41,204	61	69	78 143	36 626,167	480 706,758	13,125	12,664
12	20	98 924	85 223,808	3 509 879,422	41,184	40,724	62	70	76 450	35 390,172	444 080,591	12,548	12,088
13	21	98 891	84 143,612	3 424 655,615	40,700	40,240	63	71	74 656	34 133,458	408 690,419	11,973	11,513
14	22	98 859	83 078,195	3 340 512,003	40,209	39,749	64	72	72 763	32 857,193	374 556,961	11,400	10,939
15	23	98 822	82 021,818	3 257 433,808	39,714	39,254	65	73	70 699	31 530,911	341 699,768	10,837	10,377
16	24	98 782	80 976,267	3 175 411,990	39,214	38,754	66	74	68 502	30 173,907	310 168,857	10,279	9,819
17	25	98 736	79 939,629	3 094 435,723	38,710	38,249	67	75	66 115	28 763,083	279 994,951	9,735	9,274
18	26	98 681	78 908,610	3 014 496,094	38,202	37,742	68	76	63 540	27 301,369	251 231,867	9,202	8,742
19	27	98 610	77 878,470	2 935 587,484	37,694	37,234	69	77	60 797	25 800,204	223 930,499	8,679	8,219
20	28	98 536	76 858,766	2 857 709,014	37,181	36,721	70	78	57 873	24 256,378	198 130,294	8,168	7,708
21	29	98 458	75 849,877	2 780 850,247	36,663	36,202	71	79	54 742	22 660,695	173 873,917	7,673	7,213
22	30	98 376	74 851,492	2 705 000,371	36,138	35,678	72	80	51 439	21 030,716	151 213,222	7,190	6,730
23	31	98 296	73 867,204	2 630 148,879	35,606	35,146	73	81	47 955	19 364,005	130 182,506	6,723	6,263
24	32	98 215	72 895,100	2 556 281,675	35,068	34,608	74	82	44 309	17 671,075	110 818,501	6,271	5,811
25	33	98 126	71 929,369	2 483 386,575	34,525	34,065	75	83	40 448	15 931,993	93 147,426	5,847	5,386
26	34	98 036	70 976,361	2 411 457,207	33,975	33,515	76	84	36 492	14 196,367	77 215,434	5,439	4,979
27	35	97 937	70 029,620	2 340 480,845	33,421	32,961	77	85	32 444	12 465,829	63 019,066	5,055	4,595
28	36	97 836	69 093,785	2 270 451,225	32,860	32,400	78	86	28 368	10 765,158	50 553,237	4,696	4,236
29	37	97 731	68 167,359	2 201 357,441	32,293	31,833	79	87	24 338	9 121,773	39 788,079	4,362	3,901
30	38	97 615	67 245,606	2 133 190,082	31,722	31,262	80	88	20 425	7 560,736	30 666,306	4,056	3,596
31	39	97 498	66 335,964	2 065 944,476	31,144	30,683	81	89	16 761	6 127,857	23 105,570	3,771	3,310
32	40	97 364	65 426,927	1 999 608,512	30,562	30,102	82	90	13 341	4 817,191	16 977,713	3,524	3,064
33	41	97 224	64 526,083	1 934 181,585	29,975	29,515	83	91	10 370	3 698,226	12 160,522	3,288	2,828
34	42	97 071	63 629,779	1 869 655,501	29,383	28,923	84	92	7 778	2 739,532	8 462,296	3,089	2,629
35	43	96 908	62 738,487	1 806 025,723	28,787	28,326	85	93	5 687	1 978,315	5 722,765	2,893	2,432
36	44	96 728	61 848,494	1 743 287,236	28,186	27,726	86	94	4 018	1 380,673	3 744,450	2,712	2,252
37	45	96 534	60 962,578	1 681 438,742	27,581	27,121	87	95	2 735	927,972	2 363,776	2,547	2,087
38	46	96 320	60 076,474	1 620 476,164	26,974	26,513	88	96	1 785	598,340	1 435,804	2,400	1,939
39	47	96 078	59 186,052	1 560 399,690	26,364	25,904	89	97	1 118	370,081	837,464	2,263	1,803
40	48	95 811	58 292,782	1 501 213,637	25,753	25,293	90	98	666	217,697	467,384	2,147	1,687
41	49	95 519	57 397,577	1 442 920,855	25,139	24,679	91	99	381	123,098	249,687	2,028	1,568
42	50	95 192	56 494,842	1 385 523,278	24,525	24,064	92	100	206	65,579	126,589	1,930	1,470
43	51	94 837	55 589,305	1 329 028,436	23,908	23,448							
44	52	94 436	54 671,017	1 273 439,132	23,293	22,832							
45	53	93 990	53 740,700	1 218 768,115	22,679	22,218							
46	54	93 499	52 800,445	1 165 027,415	22,065	21,604							
47	55	92 971	51 853,591	1 112 226,970	21,449	20,989							
48	56	92 374	50 884,652	1 060 373,379	20,839	20,378							
49	57	91 730	49 906,291	1 009 488,728	20,228	19,767							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	9	99 586	99 585,940	4 596 563,926	46,157	45,696	50	59	90 634	48 701,392	937 041,122	19,241	18,780
1	10	99 194	97 969,300	4 496 977,986	45,902	45,442	51	60	89 846	47 681,482	888 339,729	18,631	18,170
2	11	99 154	96 721,277	4 399 008,686	45,481	45,021	52	61	88 939	46 617,425	840 658,248	18,033	17,573
3	12	99 128	95 501,519	4 302 287,409	45,049	44,589	53	62	87 985	45 548,149	794 040,823	17,433	16,973
4	13	99 106	94 301,780	4 206 785,890	44,610	44,149	54	63	86 947	44 455,328	748 492,674	16,837	16,377
5	14	99 084	93 116,850	4 112 484,110	44,165	43,704	55	64	85 827	43 340,585	704 037,345	16,244	15,784
6	15	99 063	91 947,356	4 019 367,260	43,714	43,253	56	65	84 619	42 203,422	660 696,760	15,655	15,195
7	16	99 040	90 791,187	3 927 419,904	43,258	42,797	57	66	83 346	41 055,399	618 493,338	15,065	14,604
8	17	99 016	89 649,123	3 836 628,717	42,796	42,336	58	67	81 969	39 878,251	577 437,939	14,480	14,020
9	18	98 992	88 520,761	3 746 979,594	42,329	41,868	59	68	80 506	38 683,036	537 559,688	13,897	13,436
10	19	98 962	87 401,078	3 658 458,833	41,858	41,398	60	69	78 963	37 473,413	498 876,652	13,313	12,852
11	20	98 932	86 296,511	3 571 057,755	41,381	40,921	61	70	77 313	36 237,142	461 403,239	12,733	12,272
12	21	98 902	85 204,889	3 484 761,244	40,899	40,438	62	71	75 562	34 979,479	425 166,097	12,155	11,694
13	22	98 870	84 126,001	3 399 556,355	40,410	39,950	63	72	73 695	33 693,915	390 186,618	11,580	11,120
14	23	98 837	83 059,558	3 315 430,354	39,916	39,456	64	73	71 710	32 381,496	356 492,703	11,009	10,549
15	24	98 800	82 003,070	3 232 370,796	39,418	38,957	65	74	69 549	31 018,181	324 111,208	10,449	9,989
16	25	98 762	80 959,899	3 150 367,727	38,913	38,452	66	75	67 227	29 612,444	293 093,027	9,898	9,437
17	26	98 715	79 922,044	3 069 407,828	38,405	37,945	67	76	64 697	28 145,887	263 480,583	9,361	8,901
18	27	98 658	78 889,935	2 989 485,784	37,894	37,434	68	77	61 984	26 632,681	235 334,696	8,836	8,376
19	28	98 584	77 857,548	2 910 595,849	37,384	36,923	69	78	59 111	25 084,927	208 702,014	8,320	7,859
20	29	98 511	76 839,331	2 832 738,300	36,866	36,405	70	79	56 017	23 478,518	183 617,087	7,821	7,360
21	30	98 430	75 828,114	2 755 898,970	36,344	35,884	71	80	52 755	21 837,978	160 138,570	7,333	6,873
22	31	98 349	74 830,307	2 680 070,856	35,815	35,355	72	81	49 291	20 152,356	138 300,592	6,863	6,402
23	32	98 267	73 844,894	2 605 240,549	35,280	34,820	73	82	45 673	18 442,465	118 148,236	6,406	5,946
24	33	98 180	72 869,261	2 531 395,655	34,739	34,278	74	83	41 866	16 696,615	99 705,771	5,972	5,511
25	34	98 090	71 903,069	2 458 526,395	34,192	33,732	75	84	37 911	14 932,872	83 009,156	5,559	5,098
26	35	97 994	70 946,212	2 386 623,326	33,640	33,180	76	85	33 853	13 169,747	68 076,284	5,169	4,709
27	36	97 898	70 001,765	2 315 677,114	33,080	32,620	77	86	29 759	11 434,224	54 906,537	4,802	4,342
28	37	97 790	69 060,950	2 245 675,349	32,517	32,057	78	87	25 695	9 750,836	43 472,313	4,458	3,998
29	38	97 679	68 130,979	2 176 614,398	31,947	31,487	79	88	21 702	8 133,962	33 721,477	4,146	3,685
30	39	97 560	67 208,170	2 108 483,419	31,372	30,912	80	89	17 927	6 636,155	25 587,515	3,856	3,395
31	40	97 433	66 292,080	2 041 275,250	30,792	30,332	81	90	14 389	5 260,661	18 951,360	3,602	3,142
32	41	97 295	65 380,721	1 974 983,170	30,207	29,747	82	91	11 276	4 071,511	13 690,699	3,363	2,902
33	42	97 146	64 474,366	1 909 602,449	29,618	29,158	83	92	8 527	3 041,101	9 619,188	3,163	2,703
34	43	96 985	63 573,143	1 845 128,083	29,024	28,563	84	93	6 306	2 221,141	6 578,087	2,962	2,501
35	44	96 809	62 674,246	1 781 554,941	28,426	27,965	85	94	4 508	1 568,304	4 356,945	2,778	2,318
36	45	96 619	61 779,029	1 718 880,695	27,823	27,363	86	95	3 111	1 068,803	2 788,641	2,609	2,149
37	46	96 411	60 885,203	1 657 101,666	27,217	26,756	87	96	2 065	700,569	1 719,838	2,455	1,995
38	47	96 184	59 991,820	1 596 216,463	26,607	26,147	88	97	1 313	439,956	1 019,269	2,317	1,856
39	48	95 921	59 089,276	1 536 224,644	25,998	25,538	89	98	800	264,692	579,313	2,189	1,728
40	49	95 642	58 189,696	1 477 135,367	25,385	24,924	90	99	463	151,258	314,620	2,080	1,620
41	50	95 322	57 279,473	1 418 945,672	24,772	24,312	91	100	257	82,980	163,363	1,969	1,508
42	51	94 982	56 370,384	1 361 666,199	24,156	23,695							
43	52	94 605	55 453,289	1 305 295,815	23,539	23,078							
44	53	94 177	54 520,924	1 249 842,526	22,924	22,464							
45	54	93 707	53 579,126	1 195 321,602	22,309	21,849							
46	55	93 201	52 631,947	1 141 742,475	21,693	21,233							
47	56	92 641	51 669,865	1 089 110,528	21,078	20,618							
48	57	92 025	50 692,705	1 037 440,664	20,465	20,005							
49	58	91 363	49 706,837	986 747,959	19,851	19,391							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 579	99 579,070	4 570 081,847	45,894	45,434	50	60	90 206	48 471,423	913 517,446	18,847	18,386
1	11	99 187	97 962,347	4 470 502,777	45,635	45,175	51	61	89 361	47 424,509	865 046,022	18,240	17,780
2	12	99 146	96 713,542	4 372 540,429	45,211	44,751	52	62	88 427	46 349,528	817 621,513	17,640	17,180
3	13	99 120	95 493,831	4 275 826,887	44,776	44,316	53	63	87 430	45 260,848	771 271,985	17,041	16,580
4	14	99 097	94 293,332	4 180 333,056	44,333	43,873	54	64	86 361	44 155,795	726 011,137	16,442	15,982
5	15	99 073	93 106,757	4 086 039,724	43,886	43,425	55	65	85 196	43 022,057	681 855,343	15,849	15,389
6	16	99 050	91 935,790	3 992 932,966	43,432	42,971	56	66	83 958	41 873,819	638 833,286	15,256	14,796
7	17	99 024	90 777,217	3 900 997,176	42,973	42,513	57	67	82 633	40 704,201	596 959,467	14,666	14,205
8	18	99 000	89 634,737	3 810 219,959	42,508	42,048	58	68	81 220	39 514,071	556 255,266	14,077	13,617
9	19	98 969	88 500,542	3 720 585,222	42,040	41,580	59	69	79 724	38 307,400	516 741,195	13,489	13,029
10	20	98 941	87 383,027	3 632 084,680	41,565	41,105	60	70	78 125	37 075,389	478 433,796	12,904	12,444
11	21	98 910	86 277,354	3 544 701,654	41,085	40,625	61	71	76 416	35 816,620	441 358,407	12,323	11,862
12	22	98 881	85 187,056	3 458 424,300	40,598	40,138	62	72	74 589	34 529,042	405 541,787	11,745	11,285
13	23	98 848	84 107,129	3 373 237,244	40,106	39,646	63	73	72 628	33 206,103	371 012,746	11,173	10,713
14	24	98 815	83 040,572	3 289 130,115	39,609	39,148	64	74	70 544	31 854,934	337 806,642	10,605	10,144
15	25	98 780	81 986,494	3 206 089,543	39,105	38,645	65	75	68 255	30 441,008	305 951,709	10,051	9,590
16	26	98 740	80 942,090	3 124 103,049	38,597	38,136	66	76	65 785	28 977,023	275 510,700	9,508	9,048
17	27	98 691	79 903,129	3 043 160,959	38,086	37,625	67	77	63 112	27 456,515	246 533,678	8,979	8,519
18	28	98 631	78 868,741	2 963 257,830	37,572	37,112	68	78	60 265	25 894,325	219 077,162	8,460	8,000
19	29	98 559	77 837,861	2 884 389,089	37,056	36,596	69	79	57 216	24 280,497	193 182,838	7,956	7,496
20	30	98 483	76 817,284	2 806 551,229	36,535	36,075	70	80	53 984	22 626,108	168 902,341	7,465	7,005
21	31	98 402	75 806,652	2 729 733,945	36,009	35,549	71	81	50 551	20 925,902	146 276,232	6,990	6,530
22	32	98 319	74 807,706	2 653 927,293	35,477	35,016	72	82	46 945	19 193,298	125 350,330	6,531	6,071
23	33	98 232	73 818,718	2 579 119,587	34,939	34,478	73	83	43 154	17 425,468	106 157,032	6,092	5,632
24	34	98 145	72 842,617	2 505 300,869	34,393	33,933	74	84	39 240	15 649,544	88 731,564	5,670	5,210
25	35	98 048	71 872,526	2 432 458,252	33,844	33,384	75	85	35 170	13 852,991	73 082,020	5,276	4,815
26	36	97 955	70 917,993	2 360 585,726	33,286	32,826	76	86	31 052	12 079,889	59 229,029	4,903	4,443
27	37	97 852	69 968,499	2 289 667,733	32,724	32,264	77	87	26 955	10 356,861	47 149,140	4,552	4,092
28	38	97 738	69 024,094	2 219 699,233	32,158	31,698	78	88	22 913	8 694,902	36 792,279	4,231	3,771
29	39	97 624	68 093,049	2 150 675,140	31,584	31,124	79	89	19 049	7 139,283	28 097,377	3,936	3,475
30	40	97 496	67 163,708	2 082 582,090	31,008	30,547	80	90	15 390	5 697,027	20 958,094	3,679	3,218
31	41	97 365	66 245,262	2 015 418,382	30,424	29,963	81	91	12 162	4 446,334	15 261,067	3,432	2,972
32	42	97 217	65 328,318	1 949 173,120	29,837	29,376	82	92	9 272	3 348,058	10 814,733	3,230	2,770
33	43	97 059	64 416,978	1 883 844,802	29,245	28,784	83	93	6 914	2 465,646	7 466,675	3,028	2,568
34	44	96 886	63 508,048	1 819 427,823	28,649	28,188	84	94	4 999	1 760,804	5 001,029	2,840	2,380
35	45	96 700	62 603,853	1 755 919,776	28,048	27,588	85	95	3 490	1 214,052	3 240,225	2,669	2,209
36	46	96 496	61 700,617	1 693 315,922	27,444	26,984	86	96	2 348	806,889	2 026,174	2,511	2,051
37	47	96 275	60 799,409	1 631 615,306	26,836	26,376	87	97	1 518	515,125	1 219,285	2,367	1,907
38	48	96 027	59 893,726	1 570 815,897	26,227	25,766	88	98	939	314,669	704,160	2,238	1,777
39	49	95 752	58 984,781	1 510 922,171	25,615	25,155	89	99	556	183,910	389,491	2,118	1,657
40	50	95 445	58 069,962	1 451 937,390	25,003	24,543	90	100	312	101,962	205,580	2,016	1,556
41	51	95 112	57 153,286	1 393 867,428	24,388	23,928							
42	52	94 750	56 232,457	1 336 714,142	23,771	23,311							
43	53	94 345	55 301,049	1 280 481,685	23,155	22,694							
44	54	93 894	54 357,005	1 225 180,636	22,540	22,079							
45	55	93 408	53 408,144	1 170 823,631	21,922	21,462							
46	56	92 871	52 445,463	1 117 415,487	21,306	20,846							
47	57	92 292	51 474,956	1 064 970,024	20,689	20,229							
48	58	91 657	50 490,108	1 013 495,069	20,073	19,613							
49	59	90 960	49 487,515	963 004,961	19,460	18,999							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	11	99 572	99 572,003	4 542 376,242	45,619	45,159	50	61	89 720	48 210,194	889 038,379	18,441	17,980
1	12	99 179	97 954,514	4 442 804,239	45,356	44,895	51	62	88 848	47 151,975	840 828,185	17,832	17,372
2	13	99 139	96 705,757	4 344 849,725	44,929	44,468	52	63	87 870	46 057,172	793 676,211	17,232	16,772
3	14	99 111	95 485,277	4 248 143,968	44,490	44,030	53	64	86 841	44 955,887	747 619,039	16,630	16,170
4	15	99 086	94 283,112	4 152 658,691	44,045	43,584	54	65	85 727	43 831,276	702 663,153	16,031	15,571
5	16	99 061	93 095,045	4 058 375,579	43,594	43,134	55	66	84 530	42 686,060	658 831,877	15,434	14,974
6	17	99 035	91 921,644	3 965 280,534	43,138	42,677	56	67	83 240	41 515,619	616 145,817	14,841	14,381
7	18	99 008	90 762,649	3 873 358,890	42,676	42,215	57	68	81 879	40 332,477	574 630,198	14,247	13,787
8	19	98 978	89 614,263	3 782 596,240	42,210	41,749	58	69	80 431	39 130,364	534 297,720	13,654	13,194
9	20	98 949	88 482,263	3 692 981,977	41,737	41,277	59	70	78 877	37 900,517	495 167,356	13,065	12,605
10	21	98 919	87 363,628	3 604 499,714	41,259	40,798	60	71	77 218	36 645,139	457 266,839	12,478	12,018
11	22	98 890	86 259,297	3 517 136,085	40,774	40,314	61	72	75 431	35 355,402	420 621,700	11,897	11,437
12	23	98 859	85 167,946	3 430 876,789	40,284	39,823	62	73	73 509	34 029,140	385 266,297	11,322	10,861
13	24	98 825	84 087,904	3 345 708,842	39,788	39,328	63	74	71 447	32 666,132	351 237,158	10,752	10,292
14	25	98 795	83 023,786	3 261 620,939	39,285	38,825	64	75	69 231	31 262,192	318 571,025	10,190	9,730
15	26	98 758	81 968,458	3 178 597,152	38,778	38,318	65	76	66 791	29 787,807	287 308,834	9,645	9,185
16	27	98 717	80 922,933	3 096 628,694	38,266	37,806	66	77	64 174	28 267,294	257 521,026	9,110	8,650
17	28	98 665	79 881,663	3 015 705,761	37,752	37,292	67	78	61 362	26 695,319	229 253,732	8,588	8,127
18	29	98 607	78 848,797	2 935 824,097	37,234	36,773	68	79	58 333	25 063,939	202 558,414	8,082	7,621
19	30	98 531	77 815,527	2 856 975,300	36,715	36,254	69	80	55 138	23 398,971	177 494,475	7,586	7,125
20	31	98 455	76 795,542	2 779 159,773	36,189	35,729	70	81	51 729	21 681,116	154 095,504	7,107	6,647
21	32	98 372	75 783,757	2 702 364,231	35,659	35,198	71	82	48 145	19 930,031	132 414,388	6,644	6,184
22	33	98 284	74 781,189	2 626 580,474	35,124	34,663	72	83	44 357	18 134,897	112 484,357	6,203	5,742
23	34	98 196	73 791,727	2 551 799,285	34,581	34,121	73	84	40 448	16 332,689	94 349,460	5,777	5,316
24	35	98 103	72 811,675	2 478 007,558	34,033	33,573	74	85	36 403	14 517,306	78 016,771	5,374	4,913
25	36	98 009	71 843,938	2 405 195,883	33,478	33,018	75	86	32 259	12 706,592	63 498,934	4,997	4,537
26	37	97 909	70 884,292	2 333 351,945	32,918	32,457	76	87	28 126	10 941,690	50 792,343	4,642	4,182
27	38	97 799	69 931,158	2 262 467,653	32,353	31,892	77	88	24 036	9 235,300	39 850,653	4,315	3,855
28	39	97 683	68 985,667	2 192 536,494	31,782	31,322	78	89	20 111	7 631,628	30 615,353	4,012	3,551
29	40	97 560	68 048,002	2 123 550,827	31,207	30,746	79	90	16 353	6 128,953	22 983,726	3,750	3,290
30	41	97 427	67 116,275	2 055 502,825	30,626	30,166	80	91	13 008	4 815,152	16 854,772	3,500	3,040
31	42	97 287	66 192,167	1 988 386,550	30,040	29,579	81	92	10 001	3 656,280	12 039,620	3,293	2,832
32	43	97 131	65 270,171	1 922 194,382	29,450	28,989	82	93	7 518	2 714,519	8 383,340	3,088	2,628
33	44	96 960	64 351,019	1 856 924,212	28,856	28,396	83	94	5 481	1 954,634	5 668,821	2,900	2,440
34	45	96 777	63 436,718	1 792 573,193	28,258	27,797	84	95	3 870	1 363,069	3 714,187	2,725	2,264
35	46	96 577	62 524,394	1 729 136,475	27,655	27,195	85	96	2 635	916,543	2 351,118	2,565	2,105
36	47	96 360	61 613,674	1 666 612,080	27,049	26,589	86	97	1 727	593,302	1 434,575	2,418	1,958
37	48	96 118	60 699,995	1 604 998,407	26,441	25,981	87	98	1 086	368,432	841,273	2,283	1,823
38	49	95 857	59 787,808	1 544 298,412	25,830	25,369	88	99	652	218,635	472,841	2,163	1,702
39	50	95 555	58 863,411	1 484 510,604	25,220	24,759	89	100	375	123,973	254,206	2,050	1,590
40	51	95 235	57 942,034	1 425 647,193	24,605	24,144							
41	52	94 880	57 013,444	1 367 705,159	23,989	23,529							
42	53	94 490	56 078,078	1 310 691,715	23,373	22,912							
43	54	94 062	55 134,784	1 254 613,637	22,755	22,295							
44	55	93 594	54 183,540	1 199 478,853	22,137	21,677							
45	56	93 077	53 218,910	1 145 295,313	21,520	21,060							
46	57	92 521	52 247,628	1 092 076,403	20,902	20,442							
47	58	91 923	51 269,232	1 039 828,775	20,282	19,821							
48	59	91 253	50 267,330	988 559,543	19,666	19,206							
49	60	90 531	49 253,834	938 292,213	19,050	18,590							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	12	99 564	99 564,040	4 513 459,962	45,332	44,872	50	62	89 205	47 933,144	863 652,071	18,018	17,557
1	13	99 171	97 946,628	4 413 895,922	45,064	44,604	51	63	88 287	46 854,557	815 718,927	17,410	16,949
2	14	99 130	96 697,094	4 315 949,293	44,634	44,173	52	64	87 278	45 746,845	768 864,371	16,807	16,347
3	15	99 100	95 474,928	4 219 252,199	44,192	43,732	53	65	86 202	44 625,487	723 117,526	16,204	15,744
4	16	99 074	94 271,252	4 123 777,271	43,744	43,283	54	66	85 057	43 488,959	678 492,038	15,601	15,141
5	17	99 046	93 080,721	4 029 506,019	43,290	42,830	55	67	83 807	42 320,913	635 003,080	15,004	14,544
6	18	99 019	91 906,893	3 936 425,298	42,831	42,370	56	68	82 480	41 136,486	592 682,167	14,408	13,947
7	19	98 986	90 741,918	3 844 518,405	42,368	41,907	57	69	81 084	39 940,824	551 545,681	13,809	13,349
8	20	98 957	89 595,755	3 753 776,487	41,897	41,436	58	70	79 577	38 714,740	511 604,857	13,215	12,754
9	21	98 927	88 462,621	3 664 180,733	41,421	40,960	59	71	77 962	37 460,692	472 890,117	12,624	12,163
10	22	98 899	87 345,344	3 575 718,112	40,938	40,477	60	72	76 224	36 173,253	435 429,425	12,037	11,577
11	23	98 868	86 239,946	3 488 372,768	40,450	39,989	61	73	74 339	34 843,537	399 256,173	11,459	10,998
12	24	98 836	85 148,478	3 402 132,821	39,955	39,495	62	74	72 314	33 475,785	364 412,636	10,886	10,425
13	25	98 806	84 070,907	3 316 984,343	39,455	38,994	63	75	70 118	32 058,296	330 936,850	10,323	9,863
14	26	98 773	83 005,523	3 232 913,436	38,948	38,488	64	76	67 746	30 591,370	298 878,554	9,770	9,310
15	27	98 735	81 949,059	3 149 907,914	38,437	37,977	65	77	65 155	29 058,220	268 287,185	9,233	8,772
16	28	98 691	80 901,194	3 067 958,854	37,922	37,462	66	78	62 394	27 483,620	239 228,965	8,704	8,244
17	29	98 640	79 861,463	2 987 057,661	37,403	36,943	67	79	59 395	25 839,246	211 745,345	8,195	7,734
18	30	98 578	78 826,174	2 907 196,198	36,881	36,421	68	80	56 215	24 153,969	185 906,099	7,697	7,236
19	31	98 503	77 793,503	2 828 370,024	36,357	35,897	69	81	52 835	22 421,700	161 752,129	7,214	6,754
20	32	98 425	76 772,348	2 750 576,521	35,828	35,367	70	82	49 267	20 649,304	139 330,430	6,747	6,287
21	33	98 337	75 756,893	2 673 804,173	35,295	34,834	71	83	45 491	18 831,003	118 681,126	6,302	5,842
22	34	98 248	74 753,846	2 598 047,279	34,755	34,294	72	84	41 575	16 997,629	99 850,122	5,874	5,414
23	35	98 154	73 760,382	2 523 293,433	34,209	33,749	73	85	37 523	15 151,579	82 852,494	5,468	5,008
24	36	98 064	72 782,714	2 449 533,051	33,655	33,195	74	86	33 390	13 316,418	67 700,914	5,084	4,624
25	37	97 962	71 809,797	2 376 750,337	33,098	32,637	75	87	29 220	11 509,342	54 384,496	4,725	4,265
26	38	97 856	70 846,462	2 304 940,540	32,534	32,074	76	88	25 080	9 756,797	42 875,154	4,394	3,934
27	39	97 745	69 892,227	2 234 094,078	31,965	31,504	77	89	21 097	8 105,941	33 118,357	4,086	3,625
28	40	97 619	68 940,029	2 164 201,851	31,393	30,932	78	90	17 265	6 551,623	25 012,416	3,818	3,357
29	41	97 491	67 999,945	2 095 261,822	30,813	30,352	79	91	13 822	5 180,218	18 460,793	3,564	3,103
30	42	97 349	67 062,482	2 027 261,877	30,229	29,769	80	92	10 697	3 959,564	13 280,575	3,354	2,894
31	43	97 200	66 133,250	1 960 199,395	29,640	29,180	81	93	8 108	2 964,417	9 321,010	3,144	2,684
32	44	97 031	65 203,338	1 894 066,144	29,049	28,588	82	94	5 960	2 151,928	6 356,593	2,954	2,494
33	45	96 851	64 278,743	1 828 862,806	28,452	27,992	83	95	4 243	1 513,116	4 204,665	2,779	2,318
34	46	96 654	63 356,202	1 764 584,063	27,852	27,391	84	96	2 922	1 029,043	2 691,549	2,616	2,155
35	47	96 441	62 436,291	1 701 227,861	27,247	26,787	85	97	1 937	673,930	1 662,506	2,467	2,006
36	48	96 203	61 512,928	1 638 791,570	26,641	26,181	86	98	1 235	424,346	988,576	2,330	1,869
37	49	95 948	60 592,651	1 577 278,642	26,031	25,570	87	99	754	255,990	564,229	2,204	1,744
38	50	95 660	59 664,786	1 516 685,991	25,420	24,960	88	100	440	147,381	308,240	2,091	1,631
39	51	95 344	58 733,735	1 457 021,206	24,807	24,347							
40	52	95 002	57 800,261	1 398 287,471	24,192	23,731							
41	53	94 619	56 856,921	1 340 487,209	23,577	23,116							
42	54	94 206	55 909,477	1 283 630,288	22,959	22,499							
43	55	93 761	54 958,837	1 227 720,811	22,339	21,879							
44	56	93 263	53 991,558	1 172 761,974	21,721	21,261							
45	57	92 726	53 018,157	1 118 770,416	21,102	20,641							
46	58	92 151	52 038,817	1 065 752,259	20,480	20,020							
47	59	91 517	51 043,017	1 013 713,442	19,860	19,400							
48	60	90 822	50 029,966	962 670,425	19,242	18,781							
49	61	90 043	48 988,388	912 640,459	18,630	18,169							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	13	99 556	99 556,026	4 483 349,408	45,033	44,573	50	63	88 642	47 630,799	837 394,334	17,581	17,121
1	14	99 162	97 937,854	4 383 793,383	44,761	44,301	51	64	87 692	46 538,857	789 763,535	16,970	16,510
2	15	99 119	96 686,614	4 285 855,528	44,327	43,867	52	65	86 636	45 410,632	743 224,678	16,367	15,906
3	16	99 088	95 462,918	4 189 168,915	43,883	43,422	53	66	85 529	44 276,968	697 814,046	15,760	15,300
4	17	99 059	94 256,747	4 093 705,997	43,431	42,971	54	67	84 330	43 116,943	653 537,078	15,157	14,697
5	18	99 030	93 065,784	3 999 449,250	42,974	42,514	55	68	83 042	41 934,425	610 420,135	14,557	14,096
6	19	98 996	91 885,900	3 906 383,466	42,513	42,053	56	69	81 679	40 737,025	568 485,710	13,955	13,495
7	20	98 965	90 723,176	3 814 497,566	42,045	41,585	57	70	80 223	39 516,592	527 748,685	13,355	12,895
8	21	98 935	89 575,865	3 723 774,390	41,571	41,111	58	71	78 654	38 265,467	488 232,093	12,759	12,299
9	22	98 906	88 444,107	3 634 198,524	41,090	40,630	59	72	76 958	36 978,303	449 966,627	12,168	11,708
10	23	98 876	87 325,750	3 545 754,418	40,604	40,143	60	73	75 120	35 649,546	412 988,324	11,585	11,124
11	24	98 845	86 220,233	3 458 428,668	40,112	39,651	61	74	73 131	34 276,939	377 338,777	11,009	10,548
12	25	98 817	85 131,267	3 372 208,435	39,612	39,151	62	75	70 968	32 852,883	343 061,838	10,442	9,982
13	26	98 784	84 052,413	3 287 077,168	39,107	38,647	63	76	68 613	31 370,391	310 208,955	9,889	9,428
14	27	98 749	82 985,878	3 203 024,755	38,597	38,137	64	77	66 086	29 842,101	278 838,564	9,344	8,883
15	28	98 708	81 927,044	3 120 038,877	38,083	37,623	65	78	63 348	28 252,619	248 996,463	8,813	8,353
16	29	98 666	80 880,736	3 038 111,833	37,563	37,102	66	79	60 394	26 602,268	220 743,844	8,298	7,838
17	30	98 612	79 838,549	2 957 231,097	37,040	36,580	67	80	57 238	24 901,129	194 141,576	7,796	7,336
18	31	98 550	78 803,864	2 877 392,548	36,513	36,053	68	81	53 867	23 145,165	169 240,448	7,312	6,852
19	32	98 473	77 770,007	2 798 588,684	35,985	35,525	69	82	50 321	21 354,643	146 095,283	6,841	6,381
20	33	98 390	76 745,134	2 720 818,677	35,453	34,992	70	83	46 550	19 510,612	124 740,640	6,393	5,933
21	34	98 301	75 729,194	2 644 073,542	34,915	34,454	71	84	42 638	17 650,081	105 230,027	5,962	5,502
22	35	98 206	74 722,093	2 568 344,348	34,372	33,912	72	85	38 568	15 768,433	87 579,946	5,554	5,094
23	36	98 115	73 731,044	2 493 622,256	33,821	33,360	73	86	34 418	13 897,716	71 811,513	5,167	4,707
24	37	98 017	72 748,127	2 419 891,212	33,264	32,804	74	87	30 244	12 061,709	57 913,797	4,801	4,341
25	38	97 910	71 771,473	2 347 143,086	32,703	32,243	75	88	26 056	10 262,977	45 852,088	4,468	4,007
26	39	97 802	70 807,021	2 275 371,612	32,135	31,674	76	89	22 013	8 563,666	35 589,110	4,156	3,695
27	40	97 680	69 845,990	2 204 564,592	31,563	31,103	77	90	18 111	6 958,813	27 025,444	3,884	3,423
28	41	97 550	68 891,342	2 134 718,602	30,987	30,526	78	91	14 592	5 537,461	20 066,632	3,624	3,163
29	42	97 413	67 945,443	2 065 827,260	30,404	29,944	79	92	11 366	4 259,763	14 529,171	3,411	2,950
30	43	97 262	67 002,791	1 997 881,816	29,818	29,358	80	93	8 673	3 210,312	10 269,408	3,199	2,738
31	44	97 100	66 065,534	1 930 879,026	29,227	28,766	81	94	6 428	2 350,034	7 059,095	3,004	2,543
32	45	96 922	65 130,104	1 864 813,492	28,632	28,172	82	95	4 613	1 665,845	4 709,061	2,827	2,366
33	46	96 728	64 197,158	1 799 683,387	28,034	27,573	83	96	3 203	1 142,321	3 043,217	2,664	2,204
34	47	96 518	63 266,926	1 735 486,229	27,431	26,971	84	97	2 148	756,651	1 900,896	2,512	2,052
35	48	96 284	62 334,200	1 672 219,303	26,827	26,366	85	98	1 386	482,014	1 144,245	2,374	1,913
36	49	96 033	61 404,147	1 609 885,103	26,218	25,757	86	99	858	294,839	662,231	2,246	1,786
37	50	95 751	60 467,972	1 548 480,956	25,608	25,148	87	100	509	172,562	367,391	2,129	1,669
38	51	95 449	59 533,344	1 488 012,984	24,995	24,534							
39	52	95 111	58 590,026	1 428 479,639	24,381	23,921							
40	53	94 741	57 641,578	1 369 889,613	23,766	23,305							
41	54	94 335	56 685,978	1 312 248,035	23,149	22,689							
42	55	93 905	55 731,058	1 255 562,057	22,529	22,069							
43	56	93 429	54 764,109	1 199 831,000	21,909	21,449							
44	57	92 911	53 787,891	1 145 066,891	21,289	20,828							
45	58	92 355	52 806,267	1 091 279,000	20,666	20,205							
46	59	91 744	51 809,206	1 038 472,733	20,044	19,584							
47	60	91 085	50 801,991	986 663,528	19,422	18,961							
48	61	90 333	49 760,337	935 861,537	18,807	18,347							
49	62	89 525	48 706,866	886 101,200	18,193	17,732							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 547	99 547,108	4 452 062,323	44,723	44,263	50	64	88 045	47 309,869	810 313,065	17,128	16,667
1	15	99 151	97 927,239	4 352 515,215	44,446	43,986	51	65	87 048	46 196,824	763 003,196	16,516	16,056
2	16	99 106	96 674,451	4 254 587,976	44,009	43,549	52	66	85 960	45 055,981	716 806,372	15,909	15,449
3	17	99 072	95 448,229	4 157 913,524	43,562	43,102	53	67	84 798	43 898,211	671 750,391	15,302	14,842
4	18	99 043	94 241,621	4 062 465,296	43,107	42,647	54	68	83 559	42 723,186	627 852,179	14,696	14,235
5	19	99 007	93 044,526	3 968 223,675	42,649	42,188	55	69	82 236	41 527,216	585 128,994	14,090	13,630
6	20	98 976	91 866,922	3 875 179,148	42,183	41,722	56	70	80 812	40 304,336	543 601,778	13,487	13,027
7	21	98 943	90 703,037	3 783 312,226	41,711	41,251	57	71	79 292	39 058,013	503 297,442	12,886	12,426
8	22	98 915	89 557,118	3 692 609,189	41,232	40,772	58	72	77 641	37 772,715	464 239,430	12,290	11,830
9	23	98 884	88 424,266	3 603 052,071	40,747	40,287	59	73	75 844	36 442,942	426 466,715	11,702	11,242
10	24	98 854	87 305,789	3 514 627,805	40,257	39,796	60	74	73 899	35 069,842	390 023,773	11,121	10,661
11	25	98 825	86 202,805	3 427 322,016	39,759	39,298	61	75	71 770	33 639,130	354 953,931	10,552	10,091
12	26	98 795	85 112,540	3 341 119,211	39,255	38,795	62	76	69 446	32 147,928	321 314,802	9,995	9,534
13	27	98 760	84 032,520	3 256 006,672	38,747	38,287	63	77	66 933	30 602,042	289 166,873	9,449	8,989
14	28	98 723	82 963,584	3 171 974,151	38,233	37,773	64	78	64 254	29 014,767	258 564,831	8,911	8,451
15	29	98 683	81 906,327	3 089 010,567	37,714	37,254	65	79	61 317	27 346,606	229 550,064	8,394	7,934
16	30	98 637	80 857,530	3 007 104,240	37,190	36,730	66	80	58 201	25 636,448	202 203,458	7,887	7,427
17	31	98 584	79 815,953	2 926 246,711	36,662	36,202	67	81	54 848	23 861,119	176 567,010	7,400	6,939
18	32	98 521	78 780,063	2 846 430,758	36,131	35,671	68	82	51 303	22 043,678	152 705,891	6,927	6,467
19	33	98 438	77 742,440	2 767 650,695	35,600	35,140	69	83	47 546	20 177,056	130 662,213	6,476	6,015
20	34	98 354	76 717,074	2 689 908,255	35,063	34,602	70	84	43 631	18 287,071	110 485,157	6,042	5,581
21	35	98 259	75 697,026	2 613 191,182	34,522	34,061	71	85	39 554	16 373,703	92 198,086	5,631	5,170
22	36	98 167	74 692,371	2 537 494,156	33,973	33,512	72	86	35 377	14 463,522	75 824,383	5,242	4,782
23	37	98 069	73 696,006	2 462 801,784	33,418	32,958	73	87	31 175	12 588,236	61 360,860	4,874	4,414
24	38	97 965	72 709,302	2 389 105,778	32,858	32,398	74	88	26 969	10 755,528	48 772,625	4,535	4,074
25	39	97 856	71 731,517	2 316 396,476	32,293	31,832	75	89	22 869	9 007,947	38 017,097	4,220	3,760
26	40	97 737	70 760,178	2 244 664,959	31,722	31,262	76	90	18 898	7 351,762	29 009,150	3,946	3,485
27	41	97 611	69 796,662	2 173 904,781	31,146	30,686	77	91	15 308	5 881,620	21 657,388	3,682	3,222
28	42	97 471	68 836,126	2 104 108,118	30,567	30,107	78	92	11 999	4 553,528	15 775,769	3,465	3,004
29	43	97 326	67 884,966	2 035 271,992	29,981	29,521	79	93	9 215	3 453,706	11 222,240	3,249	2,789
30	44	97 163	66 934,184	1 967 387,026	29,393	28,932	80	94	6 875	2 544,967	7 768,534	3,053	2,592
31	45	96 991	65 991,332	1 900 452,842	28,799	28,338	81	95	4 976	1 819,202	5 223,568	2,871	2,411
32	46	96 799	65 047,439	1 834 461,510	28,202	27,742	82	96	3 483	1 257,623	3 404,366	2,707	2,247
33	47	96 592	64 106,697	1 769 414,071	27,601	27,141	83	97	2 355	839,943	2 146,743	2,556	2,095
34	48	96 360	63 163,477	1 705 307,374	26,998	26,538	84	98	1 536	541,178	1 306,800	2,415	1,954
35	49	96 113	62 223,966	1 642 143,896	26,391	25,930	85	99	963	334,907	765,621	2,286	1,826
36	50	95 835	61 277,799	1 579 919,930	25,783	25,323	86	100	578	198,750	430,714	2,167	1,707
37	51	95 540	60 334,762	1 518 642,131	25,170	24,710							
38	52	95 215	59 387,679	1 458 307,370	24,556	24,095							
39	53	94 850	58 429,174	1 398 919,691	23,942	23,482							
40	54	94 456	57 468,276	1 340 490,517	23,326	22,865							
41	55	94 034	56 505,081	1 283 022,240	22,706	22,246							
42	56	93 572	55 533,593	1 226 517,160	22,086	21,626							
43	57	93 077	54 557,527	1 170 983,567	21,463	21,003							
44	58	92 539	53 572,924	1 116 426,039	20,839	20,379							
45	59	91 948	52 573,269	1 062 853,115	20,217	19,756							
46	60	91 311	51 564,561	1 010 279,846	19,593	19,132							
47	61	90 594	50 528,201	958 715,285	18,974	18,513							
48	62	89 814	49 474,379	908 187,084	18,357	17,896							
49	63	88 961	48 399,640	858 712,705	17,742	17,282							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	15	99 536	99 536,318	4 419 618,881	44,402	43,942	50	65	87 398	46 962,169	782 451,338	16,661	16,201
1	16	99 139	97 914,921	4 320 082,563	44,121	43,660	51	66	86 368	45 836,033	735 489,168	16,046	15,586
2	17	99 091	96 659,576	4 222 167,642	43,681	43,220	52	67	85 224	44 670,561	689 653,136	15,439	14,978
3	18	99 057	95 432,912	4 125 508,066	43,229	42,769	53	68	84 023	43 497,319	644 982,575	14,828	14,368
4	19	99 020	94 220,095	4 030 075,154	42,773	42,313	54	69	82 748	42 308,317	601 485,256	14,217	13,756
5	20	98 987	93 025,309	3 935 855,059	42,310	41,849	55	70	81 362	41 086,134	559 176,939	13,610	13,149
6	21	98 954	91 846,529	3 842 829,750	41,840	41,379	56	71	79 874	39 836,615	518 090,806	13,005	12,545
7	22	98 923	90 684,054	3 750 983,221	41,363	40,903	57	72	78 271	38 555,055	478 254,190	12,404	11,944
8	23	98 892	89 537,027	3 660 299,168	40,880	40,420	58	73	76 517	37 225,852	439 699,135	11,812	11,351
9	24	98 862	88 404,054	3 570 762,140	40,391	39,931	59	74	74 611	35 850,336	402 473,283	11,226	10,766
10	25	98 834	87 288,141	3 482 358,086	39,895	39,435	60	75	72 523	34 417,278	366 622,948	10,652	10,192
11	26	98 803	86 183,842	3 395 069,945	39,393	38,933	61	76	70 230	32 917,303	332 205,669	10,092	9,632
12	27	98 771	85 092,396	3 308 886,103	38,886	38,425	62	77	67 745	31 360,535	299 288,366	9,543	9,083
13	28	98 734	84 009,945	3 223 793,707	38,374	37,914	63	78	65 077	29 753,640	267 927,831	9,005	8,544
14	29	98 698	82 942,605	3 139 783,762	37,855	37,395	64	79	62 194	28 084,314	238 174,191	8,481	8,020
15	30	98 655	81 882,826	3 056 841,157	37,332	36,872	65	80	59 091	26 353,762	210 089,876	7,972	7,512
16	31	98 609	80 834,644	2 974 958,330	36,803	36,343	66	81	55 770	24 565,727	183 736,114	7,479	7,019
17	32	98 554	79 791,846	2 894 123,686	36,271	35,811	67	82	52 237	22 725,560	159 170,387	7,004	6,544
18	33	98 486	78 752,138	2 814 331,840	35,737	35,276	68	83	48 474	20 828,095	136 444,827	6,551	6,091
19	34	98 402	77 714,015	2 735 579,702	35,201	34,740	69	84	44 564	18 911,721	115 616,732	6,113	5,653
20	35	98 312	76 684,486	2 657 865,688	34,660	34,199	70	85	40 476	16 964,628	96 705,011	5,700	5,240
21	36	98 220	75 666,917	2 581 181,201	34,112	33,652	71	86	36 281	15 018,703	79 740,383	5,309	4,849
22	37	98 121	74 656,877	2 505 514,284	33,560	33,100	72	87	32 043	13 100,730	64 721,680	4,940	4,480
23	38	98 016	73 656,675	2 430 857,408	33,003	32,542	73	88	27 799	11 225,036	51 620,950	4,599	4,138
24	39	97 910	72 668,824	2 357 200,733	32,438	31,977	74	89	23 671	9 440,265	40 395,914	4,279	3,819
25	40	97 791	71 684,063	2 284 531,909	31,869	31,409	75	90	19 633	7 733,170	30 955,649	4,003	3,543
26	41	97 668	70 710,206	2 212 847,846	31,295	30,834	76	91	15 973	6 213,742	23 222,479	3,737	3,277
27	42	97 533	69 740,721	2 142 137,640	30,716	30,255	77	92	12 588	4 836,535	17 008,738	3,517	3,056
28	43	97 385	68 774,856	2 072 396,919	30,133	29,673	78	93	9 729	3 691,883	12 172,203	3,297	2,837
29	44	97 226	67 815,456	2 003 622,063	29,545	29,085	79	94	7 305	2 737,916	8 480,320	3,097	2,637
30	45	97 053	66 859,006	1 935 806,607	28,954	28,493	80	95	5 322	1 970,103	5 742,404	2,915	2,454
31	46	96 868	65 907,154	1 868 947,601	28,357	27,897	81	96	3 757	1 373,399	3 772,301	2,747	2,286
32	47	96 663	64 955,780	1 803 040,027	27,758	27,298	82	97	2 561	924,724	2 398,902	2,594	2,134
33	48	96 434	64 001,875	1 738 084,247	27,157	26,696	83	98	1 685	600,752	1 474,178	2,454	1,993
34	49	96 190	63 051,777	1 674 082,371	26,551	26,091	84	99	1 068	376,015	873,426	2,323	1,862
35	50	95 916	62 095,931	1 611 030,594	25,944	25,484	85	100	649	225,760	497,411	2,203	1,743
36	51	95 624	61 142,804	1 548 934,663	25,333	24,873							
37	52	95 306	60 187,135	1 487 791,859	24,719	24,259							
38	53	94 954	59 224,637	1 427 604,724	24,105	23,645							
39	54	94 565	58 253,505	1 368 380,087	23,490	23,030							
40	55	94 155	57 284,882	1 310 126,582	22,870	22,410							
41	56	93 701	56 304,874	1 252 841,700	22,251	21,791							
42	57	93 219	55 324,109	1 196 536,826	21,628	21,167							
43	58	92 705	54 339,485	1 141 212,717	21,002	20,541							
44	59	92 131	53 336,544	1 086 873,233	20,378	19,917							
45	60	91 514	52 325,017	1 033 536,689	19,752	19,292							
46	61	90 819	51 286,662	981 211,672	19,132	18,672							
47	62	90 074	50 237,830	929 925,010	18,510	18,050							
48	63	89 247	49 162,312	879 687,180	17,894	17,433							
49	64	88 361	48 073,530	830 524,868	17,276	16,816							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	16	99 524	99 523,797	4 386 041,198	44,070	43,610	50	66	86 715	46 595,401	753 861,809	16,179	15,718
1	17	99 124	97 899,855	4 286 517,401	43,785	43,324	51	67	85 629	45 443,939	707 266,408	15,563	15,103
2	18	99 075	96 644,065	4 188 617,547	43,341	42,880	52	68	84 446	44 262,615	661 822,469	14,952	14,492
3	19	99 034	95 411,114	4 091 973,482	42,888	42,427	53	69	83 207	43 074,933	617 559,853	14,337	13,876
4	20	99 000	94 200,635	3 996 562,368	42,426	41,966	54	70	81 869	41 858,938	574 484,920	13,724	13,264
5	21	98 965	93 004,658	3 902 361,733	41,959	41,498	55	71	80 418	40 609,340	532 625,982	13,116	12,655
6	22	98 933	91 827,306	3 809 357,074	41,484	41,024	56	72	78 845	39 323,631	492 016,642	12,512	12,052
7	23	98 901	90 663,710	3 717 529,768	41,004	40,543	57	73	77 137	37 996,866	452 693,010	11,914	11,454
8	24	98 870	89 516,561	3 626 866,058	40,516	40,056	58	74	75 272	36 620,515	414 696,145	11,324	10,864
9	25	98 842	88 386,184	3 537 349,497	40,022	39,561	59	75	73 222	35 183,249	378 075,630	10,746	10,286
10	26	98 812	87 268,940	3 448 963,313	39,521	39,061	60	76	70 967	33 678,755	342 892,380	10,181	9,721
11	27	98 780	86 163,445	3 361 694,373	39,015	38,555	61	77	68 510	32 111,066	309 213,626	9,630	9,169
12	28	98 745	85 069,536	3 275 530,928	38,504	38,044	62	78	65 867	30 491,105	277 102,559	9,088	8,628
13	29	98 709	83 988,701	3 190 461,391	37,987	37,526	63	79	62 990	28 799,493	246 611,455	8,563	8,103
14	30	98 670	82 918,807	3 106 472,690	37,464	37,004	64	80	59 936	27 064,687	217 811,962	8,048	7,587
15	31	98 627	81 859,651	3 023 553,883	36,936	36,475	65	81	56 623	25 253,082	190 747,275	7,553	7,093
16	32	98 580	80 810,230	2 941 694,232	36,402	35,942	66	82	53 116	23 396,635	165 494,192	7,073	6,613
17	33	98 519	79 763,562	2 860 884,002	35,867	35,407	67	83	49 357	21 472,374	142 097,557	6,618	6,157
18	34	98 450	78 723,343	2 781 120,440	35,328	34,867	68	84	45 434	19 521,932	120 625,183	6,179	5,719
19	35	98 360	77 681,004	2 702 397,097	34,788	34,328	69	85	41 342	17 544,106	101 103,251	5,763	5,302
20	36	98 273	76 653,984	2 624 716,093	34,241	33,781	70	86	37 126	15 560,727	83 559,144	5,370	4,909
21	37	98 174	75 630,959	2 548 062,109	33,691	33,230	71	87	32 863	13 603,600	67 998,417	4,999	4,538
22	38	98 068	74 617,033	2 472 431,149	33,135	32,675	72	88	28 573	11 682,031	54 394,817	4,656	4,196
23	39	97 962	73 615,669	2 397 814,116	32,572	32,112	73	89	24 399	9 852,358	42 712,786	4,335	3,875
24	40	97 846	72 620,750	2 324 198,447	32,005	31,544	74	90	20 321	8 104,307	32 860,427	4,055	3,594
25	41	97 722	71 633,438	2 251 577,697	31,432	30,972	75	91	16 594	6 536,109	24 756,120	3,788	3,327
26	42	97 590	70 653,532	2 179 944,259	30,854	30,394	76	92	13 134	5 109,643	18 220,011	3,566	3,105
27	43	97 446	69 678,645	2 109 290,727	30,272	29,811	77	93	10 206	3 921,337	13 110,368	3,343	2,883
28	44	97 285	68 704,435	2 039 612,082	29,687	29,226	78	94	7 713	2 926,730	9 189,030	3,140	2,679
29	45	97 117	67 739,289	1 970 907,647	29,095	28,635	79	95	5 655	2 119,468	6 262,300	2,955	2,494
30	46	96 930	66 774,147	1 903 168,358	28,502	28,041	80	96	4 018	1 487,321	4 142,832	2,785	2,325
31	47	96 732	65 814,703	1 836 394,211	27,902	27,442	81	97	2 762	1 009,854	2 655,511	2,630	2,169
32	48	96 505	64 849,570	1 770 579,509	27,303	26,842	82	98	1 832	661,389	1 645,656	2,488	2,028
33	49	96 263	63 888,693	1 705 729,939	26,698	26,238	83	99	1 170	417,407	984,267	2,358	1,898
34	50	95 992	62 922,039	1 641 841,246	26,093	25,633	84	100	720	253,471	566,860	2,236	1,776
35	51	95 704	61 959,134	1 578 919,207	25,483	25,023							
36	52	95 390	60 993,200	1 516 960,073	24,871	24,411							
37	53	95 044	60 021,899	1 455 966,873	24,257	23,797							
38	54	94 669	59 046,576	1 395 944,975	23,641	23,181							
39	55	94 263	58 067,605	1 336 898,399	23,023	22,563							
40	56	93 821	57 081,912	1 278 830,794	22,403	21,943							
41	57	93 347	56 092,480	1 221 748,881	21,781	21,321							
42	58	92 847	55 103,003	1 165 656,401	21,154	20,694							
43	59	92 296	54 099,722	1 110 553,398	20,528	20,068							
44	60	91 696	53 084,688	1 056 453,676	19,901	19,441							
45	61	91 020	52 043,019	1 003 368,989	19,280	18,819							
46	62	90 297	50 991,932	951 325,970	18,656	18,196							
47	63	89 505	49 920,947	900 334,038	18,035	17,575							
48	64	88 646	48 831,064	850 413,090	17,415	16,955							
49	65	87 712	47 720,218	801 582,027	16,798	16,337							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	17	99 508	99 508,483	4 351 351,721	43,728	43,268	50	67	85 973	46 196,811	724 590,211	15,685	15,224
1	18	99 108	97 884,144	4 251 843,237	43,438	42,977	51	68	84 847	45 028,931	678 393,400	15,066	14,605
2	19	99 053	96 621,990	4 153 959,093	42,992	42,531	52	69	83 626	43 832,798	633 364,468	14,450	13,989
3	20	99 013	95 391,408	4 057 337,103	42,534	42,073	53	70	82 323	42 617,412	589 531,671	13,833	13,373
4	21	98 978	94 179,723	3 961 945,695	42,068	41,608	54	71	80 919	41 373,177	546 914,259	13,219	12,759
5	22	98 944	92 985,194	3 867 765,972	41,596	41,135	55	72	79 382	40 086,406	505 541,082	12,611	12,151
6	23	98 911	91 806,707	3 774 780,778	41,117	40,656	56	73	77 704	38 754,315	465 454,676	12,010	11,550
7	24	98 878	90 642,986	3 682 974,071	40,632	40,171	57	74	75 883	37 378,991	426 700,361	11,416	10,955
8	25	98 850	89 498,466	3 592 331,085	40,138	39,678	58	75	73 872	35 939,097	389 321,370	10,833	10,372
9	26	98 820	88 366,741	3 502 832,619	39,640	39,179	59	76	71 651	34 428,289	353 382,273	10,264	9,804
10	27	98 789	87 248,286	3 414 465,878	39,135	38,675	60	77	69 229	32 853,867	318 953,983	9,708	9,248
11	28	98 753	86 140,298	3 327 217,592	38,626	38,165	61	78	66 610	31 220,828	286 100,116	9,164	8,703
12	29	98 720	85 048,025	3 241 077,294	38,109	37,648	62	79	63 754	29 513,308	254 879,287	8,636	8,176
13	30	98 681	83 964,603	3 156 029,269	37,588	37,127	63	80	60 703	27 753,901	225 365,979	8,120	7,660
14	31	98 642	82 895,338	3 072 064,666	37,060	36,599	64	81	57 432	25 934,315	197 612,079	7,620	7,159
15	32	98 597	81 834,927	2 989 169,328	36,527	36,066	65	82	53 928	24 051,279	171 677,764	7,138	6,678
16	33	98 545	80 781,585	2 907 334,401	35,990	35,530	66	83	50 187	22 106,444	147 626,484	6,678	6,218
17	34	98 483	79 734,398	2 826 552,815	35,450	34,989	67	84	46 262	20 125,808	125 520,040	6,237	5,776
18	35	98 408	78 689,903	2 746 818,418	34,907	34,446	68	85	42 149	18 110,190	105 394,233	5,820	5,359
19	36	98 321	77 650,106	2 668 128,514	34,361	33,901	69	86	37 920	16 092,250	87 284,043	5,424	4,964
20	37	98 227	76 617,557	2 590 478,409	33,811	33,350	70	87	33 628	14 094,553	71 191,793	5,051	4,591
21	38	98 121	75 590,596	2 513 860,851	33,256	32,796	71	88	29 304	12 130,445	57 097,239	4,707	4,247
22	39	98 014	74 575,493	2 438 270,255	32,695	32,235	72	89	25 079	10 253,469	44 966,795	4,386	3,925
23	40	97 897	73 566,969	2 363 694,762	32,130	31,669	73	90	20 946	8 458,082	34 713,326	4,104	3,644
24	41	97 777	72 569,463	2 290 127,793	31,558	31,097	74	91	17 176	6 849,796	26 255,243	3,833	3,373
25	42	97 644	71 576,024	2 217 558,330	30,982	30,521	75	92	13 645	5 374,731	19 405,447	3,610	3,150
26	43	97 503	70 590,644	2 145 982,306	30,400	29,940	76	93	10 649	4 142,766	14 030,716	3,387	2,926
27	44	97 347	69 607,299	2 075 391,662	29,816	29,355	77	94	8 091	3 108,630	9 887,950	3,181	2,720
28	45	97 176	68 627,269	2 005 784,363	29,227	28,767	78	95	5 970	2 265,633	6 779,320	2,992	2,532
29	46	96 994	67 653,312	1 937 157,094	28,634	28,173	79	96	4 269	1 600,084	4 513,687	2,821	2,361
30	47	96 794	66 680,055	1 869 503,782	28,037	27,577	80	97	2 954	1 093,620	2 913,603	2,664	2,204
31	48	96 574	65 707,088	1 802 823,728	27,437	26,977	81	98	1 976	722,277	1 819,983	2,520	2,059
32	49	96 334	64 734,888	1 737 116,640	26,834	26,374	82	99	1 273	459,539	1 097,706	2,389	1,928
33	50	96 065	63 757,232	1 672 381,752	26,230	25,770	83	100	789	281,373	638,168	2,268	1,808
34	51	95 780	62 783,422	1 608 624,520	25,622	25,161							
35	52	95 470	61 807,533	1 545 841,098	25,011	24,550							
36	53	95 128	60 825,751	1 484 033,565	24,398	23,938							
37	54	94 759	59 841,441	1 423 207,814	23,783	23,323							
38	55	94 366	58 858,145	1 363 366,374	23,164	22,703							
39	56	93 929	57 861,862	1 304 508,228	22,545	22,085							
40	57	93 467	56 866,588	1 246 646,367	21,922	21,462							
41	58	92 974	55 868,303	1 189 779,779	21,296	20,836							
42	59	92 437	54 859,871	1 133 911,476	20,669	20,209							
43	60	91 860	53 844,262	1 079 051,605	20,040	19,580							
44	61	91 202	52 798,596	1 025 207,343	19,417	18,957							
45	62	90 497	51 743,943	972 408,747	18,793	18,332							
46	63	89 727	50 670,293	920 664,805	18,170	17,709							
47	64	88 902	49 584,587	869 994,511	17,546	17,085							
48	65	87 994	48 472,184	820 409,924	16,925	16,465							
49	66	87 027	47 347,529	771 937,740	16,304	15,843							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	18	99 493	99 492,515	4 315 573,966	43,376	42,915	50	68	85 188	45 774,928	694 695,532	15,176	14,716
1	19	99 085	97 861,786	4 216 081,451	43,082	42,622	51	69	84 023	44 591,672	648 920,604	14,553	14,092
2	20	99 032	96 602,034	4 118 219,664	42,631	42,170	52	70	82 738	43 367,227	604 328,932	13,935	13,475
3	21	98 992	95 370,232	4 021 617,630	42,168	41,708	53	71	81 368	42 122,849	560 961,705	13,317	12,857
4	22	98 957	94 160,012	3 926 247,399	41,698	41,237	54	72	79 877	40 840,407	518 838,857	12,704	12,244
5	23	98 922	92 964,334	3 832 087,386	41,221	40,761	55	73	78 233	39 506,046	477 998,450	12,099	11,639
6	24	98 888	91 785,721	3 739 123,052	40,738	40,277	56	74	76 440	38 124,123	438 492,404	11,502	11,041
7	25	98 858	90 624,664	3 647 337,330	40,247	39,786	57	75	74 471	36 683,460	400 368,281	10,914	10,454
8	26	98 828	89 478,779	3 556 712,666	39,749	39,289	58	76	72 287	35 167,919	363 684,821	10,341	9,881
9	27	98 796	88 345,828	3 467 233,888	39,246	38,786	59	77	69 896	33 585,044	328 516,902	9,782	9,321
10	28	98 762	87 224,847	3 378 888,060	38,738	38,277	60	78	67 310	31 943,036	294 931,858	9,233	8,773
11	29	98 728	86 118,515	3 291 663,214	38,222	37,762	61	79	64 474	30 219,631	262 988,822	8,703	8,242
12	30	98 692	85 023,618	3 205 544,698	37,702	37,241	62	80	61 440	28 441,800	232 769,191	8,184	7,724
13	31	98 653	83 940,839	3 120 521,076	37,175	36,715	63	81	58 168	26 594,743	204 327,391	7,683	7,223
14	32	98 612	82 870,302	3 036 580,237	36,643	36,182	64	82	54 699	24 700,092	177 732,648	7,196	6,735
15	33	98 562	81 805,919	2 953 709,935	36,106	35,646	65	83	50 954	22 724,988	153 032,556	6,734	6,274
16	34	98 509	80 752,049	2 871 904,016	35,564	35,104	66	84	47 040	20 720,114	130 307,568	6,289	5,829
17	35	98 441	79 700,529	2 791 151,967	35,020	34,560	67	85	42 916	18 670,396	109 587,454	5,870	5,409
18	36	98 369	78 658,604	2 711 451,439	34,471	34,011	68	86	38 661	16 611,488	90 917,059	5,473	5,013
19	37	98 275	77 613,205	2 632 792,835	33,922	33,462	69	87	34 348	14 575,995	74 305,571	5,098	4,637
20	38	98 174	76 576,668	2 555 179,630	33,368	32,907	70	88	29 987	12 568,232	59 729,576	4,752	4,292
21	39	98 067	75 548,514	2 478 602,962	32,808	32,348	71	89	25 720	10 647,047	47 161,344	4,430	3,969
22	40	97 949	74 526,158	2 403 054,448	32,244	31,784	72	90	21 530	8 802,429	36 514,297	4,148	3,688
23	41	97 828	73 515,014	2 328 528,290	31,674	31,214	73	91	17 704	7 148,809	27 711,868	3,876	3,416
24	42	97 698	72 511,299	2 255 013,276	31,099	30,638	74	92	14 124	5 632,680	20 563,059	3,651	3,190
25	43	97 557	71 512,315	2 182 501,978	30,519	30,059	75	93	11 063	4 357,692	14 930,379	3,426	2,966
26	44	97 403	70 518,364	2 110 989,662	29,935	29,475	76	94	8 442	3 284,167	10 572,687	3,219	2,759
27	45	97 237	69 529,119	2 040 471,299	29,347	28,887	77	95	6 263	2 406,444	7 288,520	3,029	2,568
28	46	97 052	68 540,165	1 970 942,180	28,756	28,296	78	96	4 507	1 710,430	4 882,075	2,854	2,394
29	47	96 857	67 557,981	1 902 402,015	28,160	27,699	79	97	3 139	1 176,534	3 171,645	2,696	2,235
30	48	96 635	66 571,025	1 834 844,034	27,562	27,102	80	98	2 113	782,189	1 995,111	2,551	2,090
31	49	96 403	65 590,890	1 768 273,009	26,959	26,499	81	99	1 373	501,844	1 212,922	2,417	1,957
32	50	96 136	64 601,686	1 702 682,119	26,357	25,896	82	100	858	309,774	711,078	2,295	1,835
33	51	95 853	63 616,775	1 638 080,433	25,749	25,289							
34	52	95 546	62 629,804	1 574 463,658	25,139	24,679							
35	53	95 208	61 637,848	1 511 833,854	24,528	24,067							
36	54	94 842	60 642,876	1 450 196,006	23,914	23,453							
37	55	94 456	59 650,473	1 389 553,131	23,295	22,835							
38	56	94 032	58 649,601	1 329 902,657	22,675	22,215							
39	57	93 574	57 643,595	1 271 253,056	22,054	21,593							
40	58	93 093	56 639,317	1 213 609,461	21,427	20,967							
41	59	92 564	55 621,795	1 156 970,145	20,801	20,340							
42	60	92 001	54 600,822	1 101 348,350	20,171	19,711							
43	61	91 365	53 554,076	1 046 747,528	19,546	19,085							
44	62	90 678	52 495,177	993 193,452	18,920	18,459							
45	63	89 927	51 417,560	940 698,275	18,295	17,835							
46	64	89 123	50 328,884	889 280,714	17,669	17,209							
47	65	88 249	49 220,170	838 951,830	17,045	16,584							
48	66	87 307	48 093,622	789 731,661	16,421	15,960							
49	67	86 283	46 942,506	741 638,038	15,799	15,338							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	19	99 470	99 469,790	4 278 728,943	43,015	42,555	50	69	84 361	45 330,425	664 228,273	14,653	14,193
1	20	99 065	97 841,574	4 179 259,153	42,715	42,254	51	70	83 131	44 118,041	618 897,848	14,028	13,568
2	21	99 010	96 580,589	4 081 417,579	42,259	41,799	52	71	81 778	42 863,962	574 779,807	13,409	12,949
3	22	98 971	95 350,272	3 984 836,990	41,792	41,331	53	72	80 320	41 580,425	531 915,845	12,792	12,332
4	23	98 935	94 138,890	3 889 486,718	41,316	40,856	54	73	78 721	40 249,131	490 335,420	12,183	11,722
5	24	98 899	92 943,084	3 795 347,828	40,835	40,375	55	74	76 961	38 863,631	450 086,290	11,581	11,121
6	25	98 868	91 767,168	3 702 404,744	40,346	39,885	56	75	75 018	37 414,727	411 222,659	10,991	10,531
7	26	98 836	90 604,729	3 610 637,576	39,850	39,390	57	76	72 873	35 896,309	373 807,932	10,414	9,953
8	27	98 805	89 457,602	3 520 032,847	39,349	38,888	58	77	70 516	34 306,557	337 911,623	9,850	9,389
9	28	98 770	88 322,094	3 430 575,245	38,842	38,381	59	78	67 958	32 653,942	303 605,066	9,298	8,837
10	29	98 737	87 202,790	3 342 253,152	38,327	37,867	60	79	65 151	30 918,679	270 951,124	8,763	8,303
11	30	98 700	86 093,806	3 255 050,362	37,808	37,348	61	80	62 133	29 122,479	240 032,445	8,242	7,782
12	31	98 664	84 999,558	3 168 956,556	37,282	36,822	62	81	58 874	27 253,912	210 909,966	7,739	7,278
13	32	98 623	83 915,487	3 083 956,997	36,751	36,290	63	82	55 400	25 329,090	183 656,054	7,251	6,790
14	33	98 577	82 840,927	3 000 041,511	36,214	35,754	64	83	51 683	23 338,022	158 326,964	6,784	6,324
15	34	98 526	81 776,008	2 917 200,584	35,673	35,213	65	84	47 759	21 299,868	134 988,942	6,338	5,877
16	35	98 467	80 717,747	2 835 424,577	35,128	34,667	66	85	43 638	19 221,724	113 689,074	5,915	5,454
17	36	98 402	79 668,827	2 754 706,829	34,577	34,117	67	86	39 365	17 125,334	94 467,350	5,516	5,056
18	37	98 322	78 621,224	2 675 038,002	34,024	33,564	68	87	35 018	15 046,309	77 342,016	5,140	4,680
19	38	98 222	77 571,784	2 596 416,778	33,471	33,011	69	88	30 628	12 997,537	62 295,708	4,793	4,332
20	39	98 119	76 534,036	2 518 844,993	32,911	32,451	70	89	26 320	11 031,299	49 298,170	4,469	4,009
21	40	98 002	75 498,535	2 442 310,957	32,349	31,889	71	90	22 080	9 140,310	38 266,872	4,187	3,726
22	41	97 880	74 473,525	2 366 812,422	31,781	31,320	72	91	18 197	7 439,852	29 126,562	3,915	3,455
23	42	97 749	73 456,092	2 292 338,897	31,207	30,747	73	92	14 558	5 878,562	21 686,710	3,689	3,229
24	43	97 611	72 446,758	2 218 882,805	30,628	30,167	74	93	11 451	4 566,831	15 808,148	3,462	3,001
25	44	97 457	71 439,091	2 146 436,047	30,046	29,585	75	94	8 770	3 454,549	11 241,318	3,254	2,794
26	45	97 294	70 439,161	2 074 996,956	29,458	28,998	76	95	6 535	2 542,331	7 786,769	3,063	2,602
27	46	97 114	69 440,870	2 004 557,796	28,867	28,407	77	96	4 728	1 816,735	5 244,438	2,887	2,426
28	47	96 916	68 443,584	1 935 116,925	28,273	27,813	78	97	3 314	1 257,671	3 427,703	2,725	2,265
29	48	96 699	67 447,516	1 866 673,341	27,676	27,216	79	98	2 245	841,491	2 170,031	2,579	2,118
30	49	96 464	66 453,299	1 799 225,825	27,075	26,615	80	99	1 468	543,471	1 328,540	2,445	1,984
31	50	96 204	65 455,927	1 732 772,527	26,472	26,012	81	100	925	338,291	785,069	2,321	1,860
32	51	95 924	64 459,369	1 667 316,600	25,866	25,406							
33	52	95 619	63 461,118	1 602 857,231	25,257	24,797							
34	53	95 284	62 457,862	1 539 396,113	24,647	24,187							
35	54	94 922	61 452,531	1 476 938,252	24,034	23,573							
36	55	94 539	60 449,351	1 415 485,721	23,416	22,956							
37	56	94 121	59 439,122	1 355 036,370	22,797	22,337							
38	57	93 677	58 428,363	1 295 597,248	22,174	21,714							
39	58	93 200	57 413,218	1 237 168,885	21,549	21,088							
40	59	92 683	56 389,407	1 179 755,667	20,922	20,461							
41	60	92 127	55 359,147	1 123 366,260	20,292	19,832							
42	61	91 505	54 306,558	1 068 007,113	19,666	19,206							
43	62	90 840	53 246,316	1 013 700,554	19,038	18,578							
44	63	90 106	52 164,057	960 454,238	18,412	17,952							
45	64	89 321	51 071,116	908 290,181	17,785	17,324							
46	65	88 468	49 958,996	857 219,065	17,158	16,698							
47	66	87 560	48 835,766	807 260,069	16,530	16,070							
48	67	86 560	47 682,217	758 424,303	15,906	15,445							
49	68	85 495	46 513,813	710 742,086	15,280	14,820							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	20	99 449	99 449,245	4 240 843,209	42,643	42,183	50	70	83 465	44 848,947	633 237,977	14,119	13,659
1	21	99 043	97 819,854	4 141 393,963	42,337	41,877	51	71	82 166	43 606,063	588 389,030	13,493	13,033
2	22	98 989	96 560,376	4 043 574,109	41,876	41,416	52	72	80 724	42 311,995	544 782,966	12,875	12,415
3	23	98 949	95 328,882	3 947 013,733	41,404	40,944	53	73	79 157	40 978,435	502 470,972	12,262	11,801
4	24	98 912	94 117,371	3 851 684,851	40,924	40,464	54	74	77 440	39 594,632	461 492,537	11,655	11,195
5	25	98 879	92 924,297	3 757 567,480	40,437	39,976	55	75	75 529	38 140,474	421 897,905	11,062	10,601
6	26	98 847	91 746,981	3 664 643,183	39,943	39,483	56	76	73 408	36 611,884	383 757,431	10,482	10,021
7	27	98 813	90 583,285	3 572 896,202	39,443	38,983	57	77	71 088	35 017,107	347 145,547	9,914	9,453
8	28	98 778	89 433,569	3 482 312,916	38,937	38,477	58	78	68 561	33 355,452	312 128,440	9,358	8,897
9	29	98 745	88 299,759	3 392 879,347	38,425	37,964	59	79	65 779	31 606,787	278 772,987	8,820	8,360
10	30	98 709	87 177,770	3 304 579,588	37,906	37,446	60	80	62 786	29 796,148	247 166,200	8,295	7,835
11	31	98 672	86 069,439	3 217 401,818	37,381	36,921	61	81	59 538	27 906,162	217 370,053	7,789	7,329
12	32	98 634	84 973,886	3 131 332,379	36,851	36,390	62	82	56 072	25 956,889	189 463,891	7,299	6,839
13	33	98 588	83 885,741	3 046 358,493	36,316	35,855	63	83	52 345	23 932,334	163 507,002	6,832	6,372
14	34	98 541	82 810,637	2 962 472,752	35,774	35,314	64	84	48 442	21 874,458	139 574,668	6,381	5,920
15	35	98 484	81 741,271	2 879 662,115	35,229	34,769	65	85	44 305	19 759,553	117 700,210	5,957	5,496
16	36	98 428	80 685,641	2 797 920,844	34,677	34,216	66	86	40 027	17 631,037	97 940,657	5,555	5,095
17	37	98 355	79 630,968	2 717 235,202	34,123	33,662	67	87	35 656	15 511,739	80 309,619	5,177	4,717
18	38	98 269	78 579,265	2 637 604,235	33,566	33,106	68	88	31 226	13 416,920	64 797,880	4,830	4,369
19	39	98 167	77 528,599	2 559 024,969	33,007	32,547	69	89	26 883	11 408,106	51 380,961	4,504	4,044
20	40	98 055	76 483,405	2 481 496,370	32,445	31,985	70	90	22 595	9 470,183	39 972,855	4,221	3,761
21	41	97 933	75 445,216	2 405 012,965	31,878	31,417	71	91	18 663	7 725,430	30 502,672	3,948	3,488
22	42	97 801	74 413,835	2 329 567,749	31,306	30,845	72	92	14 964	6 117,891	22 777,242	3,723	3,263
23	43	97 662	73 390,710	2 255 153,914	30,728	30,268	73	93	11 803	4 766,185	16 659,352	3,495	3,035
24	44	97 511	72 372,577	2 181 763,205	30,146	29,686	74	94	9 078	3 620,343	11 893,166	3,285	2,825
25	45	97 347	71 358,854	2 109 390,628	29,560	29,100	75	95	6 789	2 674,226	8 272,823	3,094	2,633
26	46	97 170	70 349,757	2 038 031,774	28,970	28,510	76	96	4 934	1 919,322	5 598,597	2,917	2,457
27	47	96 977	69 343,021	1 967 682,017	28,376	27,916	77	97	3 477	1 335,837	3 679,275	2,754	2,294
28	48	96 757	68 331,671	1 898 338,997	27,781	27,321	78	98	2 370	899,523	2 343,438	2,605	2,145
29	49	96 528	67 328,239	1 830 007,326	27,180	26,720	79	99	1 560	584,675	1 443,915	2,470	2,009
30	50	96 266	66 316,561	1 762 679,086	26,580	26,119	80	100	990	366,352	859,240	2,345	1,885
31	51	95 992	65 311,727	1 696 362,525	25,973	25,513							
32	52	95 689	64 301,650	1 631 050,798	25,366	24,905							
33	53	95 356	63 286,894	1 566 749,148	24,756	24,296							
34	54	94 997	62 270,079	1 503 462,254	24,144	23,684							
35	55	94 619	61 256,423	1 441 192,175	23,527	23,067							
36	56	94 204	60 235,169	1 379 935,752	22,909	22,449							
37	57	93 766	59 214,905	1 319 700,583	22,287	21,826							
38	58	93 303	58 194,850	1 260 485,678	21,660	21,199							
39	59	92 789	57 159,894	1 202 290,828	21,034	20,573							
40	60	92 245	56 123,135	1 145 130,935	20,404	19,944							
41	61	91 630	55 060,797	1 089 007,800	19,778	19,318							
42	62	90 979	53 994,475	1 033 947,003	19,149	18,689							
43	63	90 267	52 910,458	979 952,528	18,521	18,061							
44	64	89 499	51 812,582	927 042,071	17,892	17,432							
45	65	88 664	50 695,773	875 229,488	17,264	16,804							
46	66	87 777	49 568,823	824 533,715	16,634	16,174							
47	67	86 811	48 418,012	774 964,892	16,006	15,545							
48	68	85 770	47 246,768	726 546,879	15,378	14,917							
49	69	84 664	46 062,134	679 300,111	14,747	14,287							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	21	99 427	99 427,169	4 201 933,449	42,261	41,801	50	71	82 496	44 328,487	601 788,274	13,576	13,115
1	22	99 022	97 799,382	4 102 506,280	41,948	41,488	51	72	81 108	43 044,540	557 459,786	12,951	12,490
2	23	98 967	96 538,714	4 004 706,898	41,483	41,023	52	73	79 556	41 699,413	514 415,247	12,336	11,876
3	24	98 926	95 307,092	3 908 168,184	41,006	40,546	53	74	77 870	40 312,076	472 715,833	11,726	11,266
4	25	98 892	94 098,347	3 812 861,093	40,520	40,060	54	75	76 000	38 857,873	432 403,757	11,128	10,667
5	26	98 857	92 903,856	3 718 762,746	40,028	39,568	55	76	73 908	37 322,058	393 545,884	10,545	10,084
6	27	98 823	91 725,268	3 625 858,890	39,530	39,069	56	77	71 610	35 715,156	356 223,826	9,974	9,514
7	28	98 786	90 558,950	3 534 133,623	39,026	38,565	57	78	69 117	34 046,303	320 508,670	9,414	8,954
8	29	98 753	89 410,954	3 443 574,672	38,514	38,054	58	79	66 363	32 285,801	286 462,366	8,873	8,412
9	30	98 717	88 274,424	3 354 163,718	37,997	37,537	59	80	63 391	30 459,273	254 176,565	8,345	7,884
10	31	98 681	87 153,096	3 265 889,294	37,473	37,013	60	81	60 164	28 551,694	223 717,292	7,836	7,375
11	32	98 642	86 043,444	3 178 736,198	36,943	36,483	61	82	56 705	26 578,098	195 165,598	7,343	6,883
12	33	98 599	84 943,765	3 092 692,754	36,409	35,948	62	83	52 980	24 525,514	168 587,500	6,874	6,414
13	34	98 552	83 855,069	3 007 748,989	35,868	35,408	63	84	49 062	22 431,500	144 061,986	6,422	5,962
14	35	98 499	82 775,461	2 923 893,920	35,323	34,863	64	85	44 939	20 292,591	121 630,486	5,994	5,533
15	36	98 445	81 708,758	2 841 118,458	34,771	34,311	65	86	40 639	18 124,358	101 337,895	5,591	5,131
16	37	98 381	80 647,298	2 759 409,700	34,216	33,755	66	87	36 255	15 969,794	83 213,536	5,211	4,750
17	38	98 303	79 588,470	2 678 762,402	33,658	33,197	67	88	31 794	13 831,948	67 243,743	4,861	4,401
18	39	98 215	78 535,519	2 599 173,932	33,096	32,635	68	89	27 407	11 776,203	53 411,795	4,536	4,075
19	40	98 103	77 477,310	2 520 638,413	32,534	32,074	69	90	23 078	9 793,665	41 635,592	4,251	3,791
20	41	97 985	76 429,391	2 443 161,103	31,966	31,506	70	91	19 097	8 004,240	31 841,927	3,978	3,518
21	42	97 854	75 384,747	2 366 731,712	31,395	30,935	71	92	15 346	6 352,725	23 837,686	3,752	3,292
22	43	97 714	74 347,600	2 291 346,966	30,819	30,359	72	93	12 132	4 960,227	17 484,961	3,525	3,065
23	44	97 562	73 315,562	2 216 999,365	30,239	29,779	73	94	9 357	3 778,381	12 524,734	3,315	2,854
24	45	97 402	72 291,291	2 143 683,803	29,653	29,193	74	95	7 027	2 802,570	8 746,353	3,121	2,660
25	46	97 224	71 268,283	2 071 392,512	29,065	28,604	75	96	5 126	2 018,896	5 943,783	2,944	2,484
26	47	97 033	70 250,626	2 000 124,229	28,471	28,011	76	97	3 628	1 411,269	3 924,887	2,781	2,321
27	48	96 818	69 229,637	1 929 873,603	27,876	27,416	77	98	2 487	955,429	2 513,618	2,631	2,170
28	49	96 586	68 210,831	1 860 643,966	27,278	26,817	78	99	1 647	624,996	1 558,189	2,493	2,033
29	50	96 329	67 189,702	1 792 433,135	26,677	26,217	79	100	1 052	394,128	933,193	2,368	1,907
30	51	96 054	66 170,466	1 725 243,434	26,073	25,612							
31	52	95 758	65 151,923	1 659 072,968	25,465	25,004							
32	53	95 427	64 125,118	1 593 921,045	24,856	24,396							
33	54	95 070	63 096,619	1 529 795,927	24,245	23,785							
34	55	94 694	62 071,362	1 466 699,308	23,629	23,169							
35	56	94 284	61 039,381	1 404 627,946	23,012	22,551							
36	57	93 849	60 007,949	1 343 588,565	22,390	21,930							
37	58	93 392	58 978,249	1 283 580,616	21,764	21,303							
38	59	92 891	57 938,076	1 224 602,367	21,136	20,676							
39	60	92 351	56 889,983	1 166 664,290	20,507	20,047							
40	61	91 748	55 820,667	1 109 774,307	19,881	19,421							
41	62	91 104	54 744,379	1 053 953,640	19,252	18,792							
42	63	90 405	53 653,897	999 209,261	18,623	18,163							
43	64	89 659	52 553,954	945 555,364	17,992	17,532							
44	65	88 841	51 431,790	893 001,410	17,363	16,902							
45	66	87 972	50 299,846	841 569,620	16,731	16,271							
46	67	87 026	49 144,798	791 269,774	16,101	15,640							
47	68	86 018	47 975,844	742 124,975	15,469	15,008							
48	69	84 937	46 787,973	694 149,131	14,836	14,376							
49	70	83 765	45 572,885	647 361,158	14,205	13,745							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	22	99 406	99 406,360	4 162 019,131	41,869	41,408	50	72	81 434	43 757,661	569 944,500	13,025	12,565
1	23	99 000	97 777,442	4 062 612,771	41,550	41,089	51	73	79 934	42 421,353	526 186,839	12,404	11,943
2	24	98 945	96 516,647	3 964 835,329	41,079	40,619	52	74	78 262	41 021,331	483 765,486	11,793	11,333
3	25	98 906	95 287,827	3 868 318,682	40,596	40,136	53	75	76 421	39 561,968	442 744,155	11,191	10,731
4	26	98 870	94 077,647	3 773 030,855	40,105	39,645	54	76	74 369	38 024,063	403 182,188	10,603	10,143
5	27	98 834	92 881,868	3 678 953,208	39,609	39,149	55	77	72 098	36 407,936	365 158,124	10,030	9,569
6	28	98 797	91 700,626	3 586 071,340	39,106	38,646	56	78	69 625	34 725,000	328 750,188	9,467	9,007
7	29	98 761	90 536,051	3 494 370,714	38,596	38,136	57	79	66 901	32 954,498	294 025,188	8,922	8,462
8	30	98 725	89 385,300	3 403 834,663	38,080	37,620	58	80	63 953	31 113,635	261 070,691	8,391	7,930
9	31	98 689	88 249,440	3 314 449,363	37,558	37,097	59	81	60 743	29 187,124	229 957,055	7,879	7,418
10	32	98 651	87 126,773	3 226 199,923	37,029	36,568	60	82	57 300	27 192,909	200 769,931	7,383	6,923
11	33	98 607	86 012,944	3 139 073,150	36,495	36,035	61	83	53 578	25 112,467	173 577,022	6,912	6,452
12	34	98 563	84 912,707	3 053 060,206	35,955	35,495	62	84	49 657	22 987,480	148 464,555	6,458	5,998
13	35	98 510	83 819,450	2 968 147,499	35,411	34,951	63	85	45 514	20 809,350	125 477,075	6,030	5,569
14	36	98 460	82 742,537	2 884 328,050	34,859	34,399	64	86	41 220	18 613,285	104 667,725	5,623	5,163
15	37	98 398	81 669,929	2 801 585,513	34,304	33,843	65	87	36 810	16 416,633	86 054,440	5,242	4,782
16	38	98 328	80 604,258	2 719 915,584	33,744	33,284	66	88	32 329	14 240,399	69 637,807	4,890	4,430
17	39	98 248	79 544,162	2 639 311,326	33,180	32,720	67	89	27 906	12 140,478	55 397,408	4,563	4,103
18	40	98 150	78 483,564	2 559 767,164	32,615	32,155	68	90	23 529	10 109,670	43 256,929	4,279	3,818
19	41	98 033	77 422,593	2 481 283,600	32,049	31,588	69	91	19 506	8 277,649	33 147,259	4,004	3,544
20	42	97 907	76 368,133	2 403 861,006	31,477	31,017	70	92	15 704	6 581,995	24 869,610	3,778	3,318
21	43	97 767	75 317,648	2 327 492,873	30,902	30,442	71	93	12 442	5 150,625	18 287,615	3,551	3,090
22	44	97 614	74 271,473	2 252 175,226	30,324	29,863	72	94	9 618	3 932,207	13 136,990	3,341	2,880
23	45	97 453	73 233,217	2 177 903,753	29,739	29,279	73	95	7 244	2 924,910	9 204,783	3,147	2,687
24	46	97 278	72 199,536	2 104 670,535	29,151	28,690	74	96	5 305	2 115,789	6 279,873	2,968	2,508
25	47	97 087	71 167,858	2 032 470,999	28,559	28,098	75	97	3 769	1 484,485	4 164,084	2,805	2,345
26	48	96 875	70 135,758	1 961 303,141	27,964	27,504	76	98	2 595	1 009,380	2 679,599	2,655	2,194
27	49	96 647	69 107,209	1 891 167,383	27,366	26,905	77	99	1 728	663,840	1 670,219	2,516	2,056
28	50	96 387	68 070,477	1 822 060,174	26,767	26,307	78	100	1 110	421,308	1 006,379	2,389	1,928
29	51	96 117	67 041,683	1 753 989,696	26,163	25,702							
30	52	95 819	66 008,560	1 686 948,014	25,557	25,096							
31	53	95 495	64 973,057	1 620 939,453	24,948	24,487							
32	54	95 140	63 932,323	1 555 966,397	24,338	23,877							
33	55	94 766	62 895,264	1 492 034,073	23,723	23,262							
34	56	94 358	61 851,433	1 429 138,810	23,106	22,646							
35	57	93 928	60 809,128	1 367 287,377	22,485	22,025							
36	58	93 474	59 768,124	1 306 478,249	21,859	21,399							
37	59	92 980	58 718,019	1 246 710,126	21,232	20,772							
38	60	92 453	57 664,491	1 187 992,107	20,602	20,141							
39	61	91 853	56 583,383	1 130 327,615	19,976	19,516							
40	62	91 221	55 499,882	1 073 744,232	19,347	18,886							
41	63	90 529	54 399,071	1 018 244,350	18,718	18,258							
42	64	89 796	53 292,384	963 845,279	18,086	17,626							
43	65	89 000	52 167,714	910 552,895	17,454	16,994							
44	66	88 147	51 030,115	858 385,182	16,821	16,361							
45	67	87 219	49 869,568	807 355,067	16,189	15,729							
46	68	86 231	48 695,993	757 485,499	15,555	15,095							
47	69	85 183	47 509,969	708 789,506	14,919	14,458							
48	70	84 035	46 291,013	661 279,537	14,285	13,825							
49	71	82 793	45 044,024	614 988,524	13,653	13,193							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	23	99 384	99 384,060	4 121 115,824	41,467	41,006	50	73	80 255	43 124,150	537 783,148	12,471	12,010
1	24	98 977	97 755,092	4 021 731,764	41,141	40,681	51	74	78 634	41 731,531	494 658,998	11,853	11,393
2	25	98 925	96 497,138	3 923 976,672	40,664	40,204	52	75	76 806	40 258,025	452 927,467	11,251	10,790
3	26	98 884	95 266,865	3 827 479,534	40,176	39,716	53	76	74 781	38 713,050	412 669,443	10,660	10,199
4	27	98 847	94 055,382	3 732 212,669	39,681	39,221	54	77	72 547	37 092,747	373 956,393	10,082	9,621
5	28	98 807	92 856,916	3 638 157,287	39,180	38,720	55	78	70 099	35 398,573	336 863,646	9,516	9,056
6	29	98 772	91 677,437	3 545 300,371	38,671	38,211	56	79	67 392	33 611,430	301 465,073	8,969	8,509
7	30	98 733	90 510,074	3 453 622,934	38,157	37,697	57	80	64 472	31 758,054	267 853,643	8,434	7,974
8	31	98 697	89 360,001	3 363 112,860	37,636	37,175	58	81	61 282	29 814,156	236 095,589	7,919	7,459
9	32	98 659	88 222,787	3 273 752,859	37,108	36,647	59	82	57 852	27 798,099	206 281,433	7,421	6,960
10	33	98 616	87 095,889	3 185 530,072	36,575	36,115	60	83	54 141	25 693,375	178 483,334	6,947	6,486
11	34	98 571	85 981,494	3 098 434,183	36,036	35,576	61	84	50 218	23 537,625	152 789,959	6,491	6,031
12	35	98 521	84 876,638	3 012 452,688	35,492	35,032	62	85	46 066	21 325,124	129 252,335	6,061	5,601
13	36	98 471	83 786,110	2 927 576,050	34,941	34,481	63	86	41 748	19 087,280	107 927,210	5,654	5,194
14	37	98 413	82 703,216	2 843 789,940	34,385	33,925	64	87	37 336	16 859,491	88 839,930	5,269	4,809
15	38	98 346	81 626,343	2 761 086,724	33,826	33,366	65	88	32 823	14 638,849	71 980,439	4,917	4,457
16	39	98 274	80 559,385	2 679 460,381	33,261	32,800	66	89	28 376	12 498,981	57 341,590	4,588	4,127
17	40	98 183	79 491,539	2 598 900,996	32,694	32,234	67	90	23 957	10 422,395	44 842,608	4,303	3,842
18	41	98 080	78 428,137	2 519 409,457	32,124	31,663	68	91	19 887	8 544,738	34 420,214	4,028	3,568
19	42	97 955	77 360,540	2 440 981,320	31,553	31,093	69	92	16 040	6 806,822	25 875,476	3,801	3,341
20	43	97 820	76 300,159	2 363 620,781	30,978	30,518	70	93	12 732	5 336,511	19 068,653	3,573	3,113
21	44	97 667	75 240,527	2 287 320,622	30,400	29,940	71	94	9 864	4 083,144	13 732,143	3,363	2,903
22	45	97 505	74 188,055	2 212 080,095	29,817	29,357	72	95	7 445	3 043,990	9 648,998	3,170	2,709
23	46	97 329	73 140,267	2 137 892,040	29,230	28,770	73	96	5 468	2 208,149	6 605,009	2,991	2,531
24	47	97 141	72 097,799	2 064 751,773	28,638	28,178	74	97	3 901	1 555,730	4 396,860	2,826	2,366
25	48	96 928	71 051,490	1 992 653,973	28,045	27,585	75	98	2 696	1 061,746	2 841,130	2,676	2,216
26	49	96 703	70 011,728	1 921 602,483	27,447	26,986	76	99	1 803	701,326	1 779,383	2,537	2,077
27	50	96 448	68 965,010	1 851 590,755	26,848	26,388	77	100	1 165	447,492	1 078,057	2,409	1,949
28	51	96 175	67 920,518	1 782 625,745	26,246	25,785							
29	52	95 882	66 877,646	1 714 705,227	25,639	25,179							
30	53	95 556	65 827,342	1 647 827,581	25,033	24,572							
31	54	95 208	64 777,712	1 582 000,239	24,422	23,962							
32	55	94 836	63 728,301	1 517 222,526	23,808	23,347							
33	56	94 431	62 672,415	1 453 494,225	23,192	22,732							
34	57	94 003	61 618,116	1 390 821,810	22,572	22,111							
35	58	93 553	60 566,100	1 329 203,694	21,946	21,486							
36	59	93 062	59 504,408	1 268 637,593	21,320	20,860							
37	60	92 541	58 440,751	1 209 133,185	20,690	20,230							
38	61	91 954	57 353,717	1 150 692,434	20,063	19,603							
39	62	91 326	56 258,215	1 093 338,717	19,434	18,974							
40	63	90 645	55 149,809	1 037 080,502	18,805	18,344							
41	64	89 919	54 032,538	981 930,694	18,173	17,713							
42	65	89 136	52 900,716	927 898,156	17,540	17,080							
43	66	88 305	51 760,290	874 997,439	16,905	16,444							
44	67	87 393	50 593,590	823 237,149	16,272	15,811							
45	68	86 423	49 414,144	772 643,559	15,636	15,176							
46	69	85 394	48 223,124	723 229,415	14,998	14,537							
47	70	84 278	47 005,341	675 006,291	14,360	13,900							
48	71	83 059	45 753,819	628 000,950	13,726	13,265							
49	72	81 727	44 463,983	582 247,131	13,095	12,634							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$\ddot{a}_{xy}^{(12)}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$\ddot{a}_{xy}^{(12)}$
0	24	99 361	99 361,342	4 079 240,811	41,055	40,594	50	74	78 950	42 422,899	505 393,004	11,913	11,453
1	25	98 957	97 735,332	3 979 879,469	40,721	40,261	51	75	77 171	40 955,010	462 970,105	11,304	10,844
2	26	98 903	96 475,910	3 882 144,136	40,240	39,779	52	76	75 158	39 394,171	422 015,096	10,713	10,252
3	27	98 861	95 244,319	3 785 668,226	39,747	39,287	53	77	72 950	37 764,858	382 620,925	10,132	9,671
4	28	98 821	94 030,114	3 690 423,907	39,247	38,787	54	78	70 536	36 064,399	344 856,066	9,562	9,102
5	29	98 782	92 833,435	3 596 393,793	38,740	38,280	55	79	67 851	34 263,403	308 791,668	9,012	8,552
6	30	98 743	91 651,133	3 503 560,358	38,227	37,767	56	80	64 945	32 391,136	274 528,265	8,475	8,015
7	31	98 705	90 484,457	3 411 909,225	37,707	37,247	57	81	61 779	30 431,661	242 137,130	7,957	7,496
8	32	98 667	89 333,012	3 321 424,768	37,180	36,720	58	82	58 366	28 395,290	211 705,469	7,456	6,995
9	33	98 624	88 191,514	3 232 091,756	36,649	36,188	59	83	54 662	26 265,192	183 310,179	6,979	6,519
10	34	98 580	87 064,044	3 143 900,242	36,110	35,650	60	84	50 745	24 082,103	157 044,987	6,521	6,061
11	35	98 529	85 944,972	3 056 836,198	35,567	35,107	61	85	46 586	21 835,484	132 962,884	6,089	5,629
12	36	98 482	84 842,878	2 970 891,226	35,016	34,556	62	86	42 254	19 560,371	111 127,400	5,681	5,221
13	37	98 424	83 746,294	2 886 048,348	34,462	34,001	63	87	37 814	17 288,825	91 567,029	5,296	4,836
14	38	98 361	82 659,079	2 802 302,055	33,902	33,442	64	88	33 293	15 033,750	74 278,204	4,941	4,480
15	39	98 291	81 580,900	2 719 642,976	33,337	32,876	65	89	28 810	12 848,706	59 244,453	4,611	4,151
16	40	98 209	80 506,090	2 638 062,075	32,768	32,308	66	90	24 360	10 730,163	46 395,747	4,324	3,863
17	41	98 114	79 435,400	2 557 555,985	32,197	31,736	67	91	20 249	8 809,054	35 665,584	4,049	3,588
18	42	98 002	78 365,277	2 478 120,585	31,623	31,162	68	92	16 353	7 026,453	26 856,530	3,822	3,362
19	43	97 867	77 291,682	2 399 755,307	31,048	30,588	69	93	13 005	5 518,795	19 830,076	3,593	3,133
20	44	97 719	76 222,032	2 322 463,625	30,470	30,009	70	94	10 094	4 230,505	14 311,281	3,383	2,922
21	45	97 557	75 156,020	2 246 241,593	29,888	29,427	71	95	7 636	3 160,833	10 080,777	3,189	2,729
22	46	97 381	74 093,893	2 171 085,573	29,302	28,841	72	96	5 621	2 298,047	6 919,944	3,011	2,551
23	47	97 192	73 037,205	2 096 991,680	28,711	28,251	73	97	4 021	1 623,642	4 621,896	2,847	2,386
24	48	96 982	71 979,911	2 023 954,476	28,118	27,658	74	98	2 790	1 112,703	2 998,254	2,695	2,234
25	49	96 757	70 925,841	1 951 974,565	27,521	27,061	75	99	1 873	737,710	1 885,551	2,556	2,096
26	50	96 504	69 867,669	1 881 048,724	26,923	26,463	76	100	1 215	472,761	1 147,841	2,428	1,968
27	51	96 236	68 813,081	1 811 181,056	26,320	25,860							
28	52	95 940	67 754,331	1 742 367,975	25,716	25,256							
29	53	95 619	66 694,042	1 674 613,644	25,109	24,649							
30	54	95 269	65 629,430	1 607 919,603	24,500	24,040							
31	55	94 904	64 570,992	1 542 290,173	23,885	23,425							
32	56	94 500	63 502,501	1 477 719,181	23,270	22,810							
33	57	94 074	62 436,002	1 414 216,679	22,651	22,190							
34	58	93 627	61 371,856	1 351 780,677	22,026	21,566							
35	59	93 140	60 298,864	1 290 408,822	21,400	20,940							
36	60	92 622	59 223,427	1 230 109,958	20,771	20,310							
37	61	92 042	58 125,793	1 170 886,531	20,144	19,684							
38	62	91 426	57 024,122	1 112 760,738	19,514	19,053							
39	63	90 749	55 903,358	1 055 736,616	18,885	18,425							
40	64	90 035	54 778,217	999 833,258	18,252	17,792							
41	65	89 258	53 635,430	945 055,041	17,620	17,160							
42	66	88 440	52 487,569	891 419,611	16,983	16,523							
43	67	87 549	51 317,520	838 932,042	16,348	15,887							
44	68	86 595	50 131,554	787 614,522	15,711	15,251							
45	69	85 583	48 934,301	737 482,969	15,071	14,610							
46	70	84 487	47 710,922	688 548,667	14,432	13,971							
47	71	83 300	46 459,857	640 837,746	13,793	13,333							
48	72	81 990	45 164,638	594 377,889	13,160	12,700							
49	73	80 544	43 820,246	549 213,251	12,533	12,073							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	25	99 341	99 341,258	4 036 409,263	40,632	40,171
1	26	98 935	97 713,833	3 937 068,005	40,292	39,831
2	27	98 879	96 453,078	3 839 354,173	39,805	39,345
3	28	98 834	95 218,731	3 742 901,095	39,308	38,848
4	29	98 796	94 006,336	3 647 682,364	38,803	38,342
5	30	98 754	92 806,799	3 553 676,027	38,291	37,831
6	31	98 715	91 625,193	3 460 869,228	37,772	37,312
7	32	98 675	90 457,128	3 369 244,035	37,247	36,786
8	33	98 632	89 301,346	3 278 786,907	36,716	36,256
9	34	98 588	88 159,268	3 189 485,560	36,179	35,718
10	35	98 538	87 027,061	3 101 326,292	35,636	35,176
11	36	98 490	85 910,787	3 014 299,231	35,086	34,626
12	37	98 435	84 802,559	2 928 388,445	34,532	34,071
13	38	98 371	83 701,600	2 843 585,885	33,973	33,513
14	39	98 306	82 613,061	2 759 884,286	33,407	32,947
15	40	98 226	81 526,931	2 677 271,224	32,839	32,379
16	41	98 139	80 449,235	2 595 744,293	32,266	31,805
17	42	98 035	79 371,733	2 515 295,058	31,690	31,230
18	43	97 915	78 295,525	2 435 923,325	31,112	30,652
19	44	97 767	77 212,540	2 357 627,800	30,534	30,074
20	45	97 610	76 136,423	2 280 415,260	29,952	29,491
21	46	97 433	75 060,630	2 204 278,837	29,367	28,906
22	47	97 244	73 989,486	2 129 218,207	28,777	28,317
23	48	97 033	72 917,780	2 055 228,721	28,186	27,725
24	49	96 811	71 852,620	1 982 310,941	27,589	27,128
25	50	96 557	70 779,900	1 910 458,321	26,992	26,531
26	51	96 292	69 713,750	1 839 678,421	26,389	25,929
27	52	96 000	68 644,709	1 769 964,671	25,784	25,324
28	53	95 676	67 568,320	1 701 319,962	25,179	24,719
29	54	95 331	66 493,523	1 633 751,642	24,570	24,110
30	55	94 965	65 419,992	1 567 258,119	23,957	23,496
31	56	94 568	64 342,207	1 501 838,127	23,341	22,881
32	57	94 144	63 262,957	1 437 495,920	22,723	22,262
33	58	93 698	62 186,472	1 374 232,964	22,099	21,638
34	59	93 214	61 101,064	1 312 046,491	21,473	21,013
35	60	92 700	60 014,131	1 250 945,427	20,844	20,384
36	61	92 123	58 904,251	1 190 931,296	20,218	19,758
37	62	91 513	57 791,761	1 132 027,045	19,588	19,128
38	63	90 849	56 664,434	1 074 235,284	18,958	18,497
39	64	90 138	55 526,689	1 017 570,850	18,326	17,865
40	65	89 373	54 375,629	962 044,161	17,693	17,232
41	66	88 561	53 216,544	907 668,531	17,056	16,596
42	67	87 683	52 038,576	854 451,987	16,420	15,959
43	68	86 750	50 848,872	802 413,411	15,780	15,320
44	69	85 754	49 644,745	751 564,538	15,139	14,678
45	70	84 674	48 414,545	701 919,794	14,498	14,038
46	71	83 506	47 157,249	653 505,249	13,858	13,398
47	72	82 227	45 861,584	606 347,999	13,221	12,761
48	73	80 803	44 510,757	560 486,415	12,592	12,132
49	74	79 234	43 107,677	515 975,658	11,969	11,509
50	75	77 481	41 633,513	472 867,981	11,358	10,897
51	76	75 515	40 076,200	431 234,468	10,760	10,300
52	77	73 317	38 429,297	391 158,268	10,179	9,718
53	78	70 927	36 717,876	352 728,971	9,606	9,146
54	79	68 274	34 907,876	316 011,095	9,053	8,592
55	80	65 388	33 019,438	281 103,218	8,513	8,053
56	81	62 233	31 038,301	248 083,780	7,993	7,532
57	82	58 839	28 983,407	217 045,479	7,489	7,028
58	83	55 147	26 829,451	188 062,072	7,010	6,549
59	84	51 234	24 618,060	161 232,620	6,549	6,089
60	85	47 076	22 340,588	136 614,561	6,115	5,655
61	86	42 731	20 028,497	114 273,972	5,706	5,245
62	87	38 273	17 717,341	94 245,475	5,319	4,859
63	88	33 719	15 416,591	76 528,135	4,964	4,504
64	89	29 221	13 195,316	61 111,544	4,631	4,171
65	90	24 733	11 030,396	47 916,228	4,344	3,884
66	91	20 589	9 069,182	36 885,832	4,067	3,607
67	92	16 651	7 243,804	27 816,651	3,840	3,380
68	93	13 259	5 696,866	20 572,847	3,611	3,151
69	94	10 309	4 375,010	14 875,980	3,400	2,940
70	95	7 814	3 274,907	10 500,970	3,206	2,746
71	96	5 765	2 386,258	7 226,063	3,028	2,568
72	97	4 133	1 689,744	4 839,805	2,864	2,404
73	98	2 876	1 161,275	3 150,061	2,713	2,252
74	99	1 939	773,115	1 988,786	2,572	2,112
75	100	1 263	497,288	1 215,671	2,445	1,984

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	49	93 528	50 256,234	1 116 340,070	22,213	21,753
1	0	99 613	98 383,425	4 695 265,926	47,724	47,264	51	50	92 962	49 335,480	1 066 083,837	21,609	21,148
2	1	99 267	96 830,778	4 596 882,501	47,473	47,013	52	51	92 318	48 389,038	1 016 748,356	21,012	20,552
3	2	99 222	95 592,046	4 500 051,723	47,076	46,615	53	52	91 632	47 436,046	968 359,318	20,414	19,954
4	3	99 193	94 384,708	4 404 459,677	46,665	46,205	54	53	90 876	46 463,902	920 923,273	19,820	19,360
5	4	99 169	93 196,672	4 310 074,969	46,247	45,787	55	54	90 041	45 468,963	874 459,371	19,232	18,772
6	5	99 146	92 025,182	4 216 878,297	45,823	45,363	56	55	89 147	44 461,427	828 990,408	18,645	18,185
7	6	99 126	90 870,280	4 124 853,115	45,393	44,932	57	56	88 183	43 437,978	784 528,981	18,061	17,601
8	7	99 109	89 733,215	4 033 982,835	44,955	44,495	58	57	87 144	42 396,024	741 091,003	17,480	17,020
9	8	99 092	88 610,409	3 944 249,621	44,512	44,052	59	58	86 032	41 338,503	698 694,979	16,902	16,441
10	9	99 077	87 503,136	3 855 639,212	44,063	43,602	60	59	84 835	40 260,099	657 356,477	16,328	15,867
11	10	99 062	86 409,165	3 768 136,076	43,608	43,148	61	60	83 557	39 164,038	617 096,378	15,757	15,296
12	11	99 046	85 329,006	3 681 726,910	43,147	42,687	62	61	82 179	38 042,522	577 932,340	15,192	14,731
13	12	99 027	84 259,444	3 596 397,905	42,682	42,222	63	62	80 727	36 909,086	539 889,818	14,628	14,167
14	13	99 008	83 203,277	3 512 138,461	42,212	41,751	64	63	79 204	35 765,493	502 980,732	14,063	13,603
15	14	98 984	82 156,382	3 428 935,184	41,737	41,276	65	64	77 561	34 591,366	467 215,238	13,507	13,046
16	15	98 956	81 118,867	3 346 778,802	41,258	40,797	66	65	75 832	33 402,529	432 623,872	12,952	12,491
17	16	98 918	80 086,518	3 265 659,935	40,777	40,316	67	66	73 995	32 191,071	399 221,344	12,402	11,941
18	17	98 869	79 058,831	3 185 573,417	40,294	39,833	68	67	72 050	30 958,069	367 030,272	11,856	11,395
19	18	98 806	78 032,678	3 106 514,585	39,810	39,350	69	68	70 025	29 716,508	336 072,204	11,309	10,849
20	19	98 735	77 014,054	3 028 481,908	39,324	38,863	70	69	67 893	28 455,944	306 355,695	10,766	10,306
21	20	98 661	76 006,648	2 951 467,854	38,832	38,371	71	70	65 643	27 173,026	277 899,751	10,227	9,767
22	21	98 586	75 011,072	2 875 461,206	38,334	37,873	72	71	63 263	25 864,870	250 726,725	9,694	9,233
23	22	98 513	74 030,145	2 800 450,134	37,829	37,368	73	72	60 756	24 533,011	224 861,855	9,166	8,705
24	23	98 440	73 061,575	2 726 419,989	37,317	36,856	74	73	58 089	23 166,547	200 328,843	8,647	8,187
25	24	98 362	72 102,717	2 653 358,415	36,800	36,339	75	74	55 209	21 746,168	177 162,297	8,147	7,686
26	25	98 288	71 159,050	2 581 255,698	36,274	35,814	76	75	52 153	20 288,939	155 416,128	7,660	7,200
27	26	98 209	70 224,256	2 510 096,648	35,744	35,284	77	76	48 910	18 792,415	135 127,189	7,191	6,730
28	27	98 124	69 296,986	2 439 872,391	35,209	34,749	78	77	45 482	17 259,443	116 334,774	6,740	6,280
29	28	98 039	68 381,964	2 370 575,406	34,667	34,206	79	78	41 885	15 698,346	99 075,331	6,311	5,851
30	29	97 949	67 476,263	2 302 193,441	34,119	33,658	80	79	38 156	14 124,093	83 376,985	5,903	5,443
31	30	97 859	66 581,469	2 234 717,178	33,564	33,103	81	80	34 379	12 568,742	69 252,891	5,510	5,050
32	31	97 761	65 693,941	2 168 135,709	33,004	32,543	82	81	30 543	11 028,518	56 684,149	5,140	4,679
33	32	97 660	64 815,628	2 102 441,768	32,437	31,977	83	82	26 753	9 540,667	45 655,631	4,785	4,325
34	33	97 551	63 943,895	2 037 626,140	31,866	31,405	84	83	23 055	8 120,630	36 114,964	4,447	3,987
35	34	97 438	63 081,298	1 973 682,245	31,288	30,828	85	84	19 488	6 779,260	27 994,335	4,129	3,669
36	35	97 314	62 223,741	1 910 600,946	30,705	30,245	86	85	16 114	5 536,600	21 215,075	3,832	3,371
37	36	97 190	61 376,991	1 848 377,205	30,115	29,655	87	86	12 994	4 409,261	15 678,475	3,556	3,095
38	37	97 052	60 532,950	1 787 000,214	29,521	29,061	88	87	10 178	3 411,020	11 269,214	3,304	2,843
39	38	96 893	59 688,043	1 726 467,264	28,925	28,464	89	88	7 730	2 558,550	7 858,194	3,071	2,611
40	39	96 728	58 850,697	1 666 779,221	28,322	27,862	90	89	5 649	1 846,957	5 299,644	2,869	2,409
41	40	96 540	58 011,178	1 607 928,524	27,718	27,257	91	90	3 996	1 290,395	3 452,686	2,676	2,215
42	41	96 340	57 176,116	1 549 917,347	27,108	26,647	92	91	2 703	861,940	2 162,291	2,509	2,048
43	42	96 115	56 338,681	1 492 741,231	26,496	26,035	93	92	1 742	548,581	1 300,351	2,370	1,910
44	43	95 859	55 494,479	1 436 402,551	25,884	25,423	94	93	1 081	336,201	751,770	2,236	1,776
45	44	95 570	54 644,313	1 380 908,071	25,271	24,810	95	94	640	196,491	415,568	2,115	1,655
46	45	95 251	53 789,669	1 326 263,758	24,656	24,196	96	95	360	109,227	219,077	2,006	1,545
47	46	94 895	52 926,929	1 272 474,090	24,042	23,582	97	96	192	57,598	109,850	1,907	1,447
48	47	94 488	52 049,167	1 219 547,160	23,431	22,970	98	97	97	28,737	52,251	1,818	1,358
49	48	94 031	51 157,923	1 167 497,994	22,821	22,361	99	98	46	13,530	23,514	1,738	1,278
							100	99	21	5,995	9,985	1,665	1,205

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	48	93 694	50 345,266	1 128 769,915	22,421	21,960
1							51	49	93 154	49 437,205	1 078 424,650	21,814	21,354
2	0	99 581	97 137,020	4 610 728,471	47,466	47,006	52	50	92 522	48 495,874	1 028 987,445	21,218	20,758
3	1	99 248	95 617,285	4 513 591,451	47,205	46,744	53	51	91 856	47 552,397	980 491,570	20,619	20,159
4	2	99 208	94 398,768	4 417 974,166	46,801	46,341	54	52	91 126	46 591,814	932 939,174	20,024	19,563
5	3	99 180	93 207,086	4 323 575,398	46,387	45,926	55	53	90 313	45 606,080	886 347,360	19,435	18,974
6	4	99 158	92 036,151	4 230 368,312	45,964	45,504	56	54	89 432	44 603,768	840 741,281	18,849	18,389
7	5	99 136	90 879,466	4 138 332,161	45,536	45,076	57	55	88 497	43 592,433	796 137,513	18,263	17,803
8	6	99 118	89 741,030	4 047 452,695	45,101	44,641	58	56	87 474	42 556,556	752 545,080	17,683	17,223
9	7	99 101	88 618,015	3 957 711,665	44,660	44,200	59	57	86 378	41 504,378	709 988,525	17,106	16,646
10	8	99 085	87 509,580	3 869 093,650	44,213	43,753	60	58	85 211	40 438,526	668 484,147	16,531	16,070
11	9	99 068	86 415,127	3 781 584,070	43,761	43,300	61	59	83 954	39 349,849	628 045,620	15,961	15,500
12	10	99 053	85 335,062	3 695 168,943	43,302	42,841	62	60	82 624	38 248,658	588 695,772	15,391	14,931
13	11	99 035	84 266,183	3 609 833,881	42,838	42,378	63	61	81 194	37 122,417	550 447,114	14,828	14,368
14	12	99 016	83 209,975	3 525 567,698	42,370	41,909	64	62	79 707	35 992,522	513 324,697	14,262	13,802
15	13	98 993	82 163,742	3 442 357,723	41,896	41,436	65	63	78 087	34 826,019	477 332,175	13,706	13,246
16	14	98 967	81 127,660	3 360 193,981	41,419	40,958	66	64	76 393	33 649,835	442 506,156	13,150	12,690
17	15	98 930	80 096,593	3 279 066,321	40,939	40,479	67	65	74 577	32 444,458	408 856,321	12,602	12,141
18	16	98 884	79 070,998	3 198 969,728	40,457	39,997	68	66	72 672	31 225,177	376 411,863	12,055	11,594
19	17	98 822	78 045,202	3 119 898,729	39,976	39,515	69	67	70 671	29 990,390	345 186,686	11,510	11,050
20	18	98 757	77 031,649	3 041 853,528	39,488	39,028	70	68	68 559	28 734,979	315 196,296	10,969	10,509
21	19	98 682	76 022,350	2 964 821,879	38,999	38,539	71	69	66 347	27 464,744	286 461,317	10,430	9,970
22	20	98 608	75 027,727	2 888 799,529	38,503	38,043	72	70	64 006	26 168,549	258 996,574	9,897	9,437
23	21	98 534	74 045,642	2 813 771,802	38,001	37,540	73	71	61 548	24 853,049	232 828,024	9,368	8,908
24	22	98 462	73 077,968	2 739 726,160	37,490	37,030	74	72	58 942	23 506,873	207 974,976	8,847	8,387
25	23	98 385	72 119,202	2 666 648,192	36,976	36,515	75	73	56 122	22 105,633	184 468,103	8,345	7,884
26	24	98 308	71 173,437	2 594 528,990	36,454	35,993	76	74	53 142	20 673,625	162 362,471	7,854	7,393
27	25	98 231	70 239,708	2 523 355,553	35,925	35,465	77	75	49 983	19 204,504	141 688,846	7,378	6,918
28	26	98 147	69 313,390	2 453 115,846	35,392	34,931	78	76	46 624	17 692,789	122 484,342	6,923	6,462
29	27	98 065	68 400,340	2 383 802,456	34,851	34,390	79	77	43 080	16 145,973	104 791,553	6,490	6,030
30	28	97 974	67 493,330	2 315 402,116	34,306	33,845	80	78	39 420	14 592,034	88 645,580	6,075	5,615
31	29	97 887	66 600,578	2 247 908,785	33,752	33,292	81	79	35 674	13 042,253	74 053,546	5,678	5,218
32	30	97 789	65 712,540	2 181 308,207	33,195	32,734	82	80	31 874	11 509,206	61 011,293	5,301	4,841
33	31	97 689	64 835,209	2 115 595,667	32,630	32,170	83	81	28 089	10 017,398	49 502,086	4,942	4,481
34	32	97 585	63 966,570	2 050 760,458	32,060	31,599	84	82	24 401	8 594,571	39 484,688	4,594	4,134
35	33	97 473	63 104,372	1 986 793,888	31,484	31,024	85	83	20 792	7 232,843	30 890,116	4,271	3,810
36	34	97 356	62 250,183	1 923 689,516	30,903	30,442	86	84	17 371	5 968,194	23 657,273	3,964	3,504
37	35	97 229	61 401,414	1 861 439,333	30,316	29,856	87	85	14 166	4 807,068	17 689,079	3,680	3,219
38	36	97 098	60 561,730	1 800 037,919	29,722	29,262	88	86	11 236	3 765,848	12 882,011	3,421	2,960
39	37	96 945	59 719,915	1 739 476,190	29,127	28,667	89	87	8 668	2 869,268	9 116,163	3,177	2,717
40	38	96 782	58 883,478	1 679 756,275	28,527	28,066	90	88	6 437	2 104,284	6 246,895	2,969	2,508
41	39	96 604	58 049,580	1 620 872,797	27,922	27,462	91	89	4 655	1 503,111	4 142,611	2,756	2,296
42	40	96 408	57 216,523	1 562 823,216	27,314	26,854	92	90	3 198	1 019,801	2 639,500	2,588	2,128
43	41	96 193	56 383,872	1 505 606,693	26,703	26,242	93	91	2 118	667,119	1 619,699	2,428	1,968
44	42	95 944	55 543,918	1 449 222,821	26,091	25,631	94	92	1 333	414,667	952,579	2,297	1,837
45	43	95 668	54 700,323	1 393 678,903	25,478	25,018	95	93	807	247,861	537,912	2,170	1,710
46	44	95 358	53 850,151	1 338 978,580	24,865	24,405	96	94	465	141,098	290,051	2,056	1,595
47	45	95 016	52 994,191	1 285 128,429	24,250	23,790	97	95	255	76,295	148,952	1,952	1,492
48	46	94 621	52 122,613	1 232 134,238	23,639	23,179	98	96	132	39,083	72,658	1,859	1,399
49	47	94 185	51 241,710	1 180 011,625	23,028	22,568	99	97	65	18,917	33,575	1,775	1,315
							100	98	30	8,628	14,658	1,699	1,238

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	47	93 847	50 427,721	1 140 296,058	22,612	22,152
1							51	48	93 319	49 524,786	1 089 868,337	22,007	21,546
2							52	49	92 713	48 595,868	1 040 343,551	21,408	20,948
3	0	99 562	95 919,690	4 526 432,075	47,190	46,729	53	50	92 059	47 657,386	991 747,683	20,810	20,350
4	1	99 234	94 423,693	4 430 512,385	46,922	46,461	54	51	91 349	46 706,094	944 090,298	20,213	19,753
5	2	99 195	93 220,970	4 336 088,692	46,514	46,054	55	52	90 561	45 731,630	897 384,204	19,623	19,162
6	3	99 169	92 046,436	4 242 867,722	46,095	45,634	56	53	89 702	44 738,275	851 652,574	19,036	18,576
7	4	99 148	90 890,298	4 150 821,286	45,668	45,208	57	54	88 780	43 731,991	806 914,299	18,451	17,991
8	5	99 128	89 750,102	4 059 930,988	45,236	44,776	58	55	87 785	42 707,877	763 182,308	17,870	17,409
9	6	99 109	88 625,733	3 970 180,887	44,797	44,337	59	56	86 705	41 661,533	720 474,431	17,294	16,833
10	7	99 093	87 517,092	3 881 555,153	44,352	43,892	60	57	85 553	40 600,790	678 812,897	16,719	16,259
11	8	99 076	86 421,491	3 794 038,061	43,902	43,441	61	58	84 326	39 524,242	638 212,107	16,147	15,687
12	9	99 060	85 340,949	3 707 616,570	43,445	42,984	62	59	83 016	38 430,126	598 687,865	15,579	15,118
13	10	99 042	84 272,163	3 622 275,621	42,983	42,523	63	60	81 634	37 323,567	560 257,740	15,011	14,550
14	11	99 024	83 216,630	3 538 003,458	42,516	42,055	64	61	80 167	36 200,555	522 934,172	14,445	13,985
15	12	99 001	82 170,357	3 454 786,828	42,044	41,584	65	62	78 583	35 047,084	486 733,617	13,888	13,428
16	13	98 976	81 134,928	3 372 616,471	41,568	41,108	66	63	76 911	33 878,101	451 686,533	13,333	12,872
17	14	98 941	80 105,276	3 291 481,543	41,089	40,629	67	64	75 130	32 684,671	417 808,432	12,783	12,323
18	15	98 897	79 080,946	3 211 376,268	40,609	40,148	68	65	73 244	31 470,961	385 123,761	12,237	11,777
19	16	98 837	78 057,213	3 132 295,322	40,128	39,668	69	66	71 280	30 249,149	353 652,800	11,691	11,231
20	17	98 773	77 044,012	3 054 238,109	39,643	39,182	70	67	69 191	28 999,814	323 403,651	11,152	10,692
21	18	98 704	76 039,718	2 977 194,097	39,153	38,693	71	68	66 998	27 734,059	294 403,837	10,615	10,155
22	19	98 628	75 043,226	2 901 154,379	38,660	38,199	72	69	64 693	26 449,483	266 669,778	10,082	9,622
23	20	98 556	74 062,083	2 826 111,153	38,159	37,698	73	70	62 271	25 144,848	240 220,295	9,553	9,093
24	21	98 482	73 093,266	2 752 049,070	37,651	37,191	74	71	59 711	23 813,524	215 075,447	9,032	8,571
25	22	98 407	72 135,384	2 678 955,804	37,138	36,677	75	72	56 946	22 430,373	191 261,924	8,527	8,067
26	23	98 330	71 189,709	2 606 820,420	36,618	36,158	76	73	54 021	21 015,360	168 831,550	8,034	7,573
27	24	98 251	70 253,909	2 535 630,710	36,092	35,632	77	74	50 930	19 568,628	147 816,191	7,554	7,093
28	25	98 169	69 328,641	2 465 376,802	35,561	35,100	78	75	47 646	18 080,765	128 247,563	7,093	6,633
29	26	98 088	68 416,532	2 396 048,161	35,021	34,561	79	76	44 161	16 551,362	110 166,798	6,656	6,196
30	27	98 001	67 511,467	2 327 631,629	34,478	34,017	80	77	40 544	15 008,115	93 615,436	6,238	5,777
31	28	97 912	66 617,424	2 260 120,162	33,927	33,466	81	78	36 856	13 474,352	78 607,321	5,834	5,373
32	29	97 817	65 731,400	2 193 502,738	33,371	32,910	82	79	33 075	11 942,801	65 132,969	5,454	4,993
33	30	97 717	64 853,565	2 127 771,338	32,809	32,348	83	80	29 314	10 454,017	53 190,168	5,088	4,628
34	31	97 615	63 985,895	2 062 917,773	32,240	31,780	84	81	25 620	9 024,028	42 736,151	4,736	4,275
35	32	97 508	63 126,748	1 998 931,878	31,665	31,205	85	82	22 005	7 654,971	33 712,123	4,404	3,944
36	33	97 391	62 272,953	1 935 805,130	31,086	30,625	86	83	18 533	6 367,511	26 057,152	4,092	3,632
37	34	97 270	61 427,507	1 873 532,177	30,500	30,040	87	84	15 270	5 181,793	19 689,641	3,800	3,339
38	35	97 136	60 585,828	1 812 104,671	29,910	29,449	88	85	12 250	4 105,606	14 507,848	3,534	3,073
39	36	96 991	59 748,308	1 751 518,842	29,315	28,855	89	86	9 570	3 167,741	10 402,242	3,284	2,823
40	37	96 834	58 914,920	1 691 770,534	28,715	28,255	90	87	7 218	2 359,835	7 234,501	3,066	2,605
41	38	96 658	58 081,915	1 632 855,614	28,113	27,653	91	88	5 304	1 712,532	4 874,667	2,846	2,386
42	39	96 472	57 254,400	1 574 773,699	27,505	27,044	92	89	3 725	1 187,910	3 162,135	2,662	2,202
43	40	96 260	56 423,720	1 517 519,299	26,895	26,435	93	90	2 506	789,299	1 974,225	2,501	2,041
44	41	96 021	55 588,472	1 461 095,579	26,284	25,824	94	91	1 621	504,269	1 184,925	2,350	1,889
45	42	95 753	54 749,054	1 405 507,107	25,672	25,211	95	92	995	305,710	680,656	2,226	1,766
46	43	95 456	53 905,346	1 350 758,053	25,058	24,598	96	93	587	177,987	374,947	2,107	1,646
47	44	95 122	53 053,779	1 296 852,706	24,444	23,984	97	94	329	98,557	196,960	1,998	1,538
48	45	94 741	52 188,853	1 243 798,928	23,833	23,372	98	95	175	51,769	98,403	1,901	1,440
49	46	94 318	51 314,017	1 191 610,075	23,222	22,762	99	96	88	25,726	46,634	1,813	1,352
							100	97	42	12,064	20,908	1,733	1,273

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	46	93 980	50 498,880	1 150 956,374	22,792	22,331
1							51	47	93 472	49 605,897	1 100 457,494	22,184	21,724
2							52	48	92 877	48 681,958	1 050 851,597	21,586	21,126
3							53	49	92 249	47 755,650	1 002 169,639	20,985	20,525
4	0	99 548	94 722,323	4 442 398,276	46,899	46,439	54	50	91 551	46 809,214	954 413,989	20,389	19,929
5	1	99 221	93 245,584	4 347 675,953	46,626	46,166	55	51	90 784	45 843,800	907 604,774	19,798	19,337
6	2	99 184	92 060,147	4 254 430,369	46,214	45,753	56	52	89 949	44 861,436	861 760,974	19,209	18,749
7	3	99 159	90 900,455	4 162 370,222	45,790	45,330	57	53	89 048	43 863,870	816 899,538	18,624	18,163
8	4	99 140	89 760,799	4 071 469,768	45,359	44,899	58	54	88 066	42 844,603	773 035,668	18,043	17,582
9	5	99 119	88 634,692	3 981 708,968	44,923	44,462	59	55	87 013	41 809,672	730 191,065	17,465	17,004
10	6	99 102	87 524,714	3 893 074,276	44,480	44,019	60	56	85 877	40 754,525	688 381,392	16,891	16,431
11	7	99 084	86 428,909	3 805 549,562	44,031	43,571	61	57	84 664	39 682,837	647 626,868	16,320	15,860
12	8	99 067	85 347,234	3 719 120,653	43,576	43,116	62	58	83 384	38 600,443	607 944,031	15,750	15,289
13	9	99 049	84 277,977	3 633 773,418	43,117	42,656	63	59	82 021	37 500,646	569 343,588	15,182	14,722
14	10	99 031	83 222,536	3 549 495,441	42,651	42,190	64	60	80 602	36 396,710	531 842,942	14,612	14,152
15	11	99 009	82 176,928	3 466 272,905	42,181	41,720	65	61	79 037	35 249,653	495 446,232	14,055	13,595
16	12	98 984	81 141,460	3 384 095,977	41,706	41,246	66	62	77 400	34 093,148	460 196,579	13,498	13,038
17	13	98 950	80 112,452	3 302 954,517	41,229	40,769	67	63	75 639	32 906,390	426 103,430	12,949	12,489
18	14	98 908	79 089,518	3 222 842,065	40,749	40,289	68	64	73 786	31 703,967	393 197,040	12,402	11,942
19	15	98 849	78 067,033	3 143 752,547	40,270	39,810	69	65	71 842	30 487,250	361 493,074	11,857	11,397
20	16	98 788	77 055,869	3 065 685,514	39,785	39,325	70	66	69 788	29 250,026	331 005,823	11,316	10,856
21	17	98 720	76 051,922	2 988 629,646	39,297	38,837	71	67	67 615	27 989,669	301 755,797	10,781	10,321
22	18	98 651	75 060,371	2 912 577,723	38,803	38,343	72	68	65 328	26 708,842	273 766,128	10,250	9,790
23	19	98 576	74 077,383	2 837 517,352	38,305	37,844	73	69	62 940	25 414,792	247 057,286	9,721	9,261
24	20	98 504	73 109,495	2 763 439,969	37,799	37,338	74	70	60 412	24 093,158	221 642,494	9,199	8,739
25	21	98 427	72 150,485	2 690 330,474	37,288	36,827	75	71	57 689	22 722,981	197 549,376	8,694	8,233
26	22	98 353	71 205,683	2 618 179,989	36,769	36,309	76	72	54 814	21 324,084	174 826,395	8,199	7,738
27	23	98 273	70 269,971	2 546 974,306	36,246	35,785	77	73	51 772	19 892,097	153 502,311	7,717	7,256
28	24	98 189	69 342,658	2 476 704,335	35,717	35,257	78	74	48 550	18 423,583	133 610,214	7,252	6,792
29	25	98 110	68 431,585	2 407 361,678	35,179	34,719	79	75	45 130	16 914,308	115 186,631	6,810	6,350
30	26	98 024	67 527,449	2 338 930,092	34,637	34,176	80	76	41 562	15 384,935	98 272,323	6,388	5,927
31	27	97 938	66 635,325	2 271 402,644	34,087	33,627	81	77	37 907	13 858,563	82 887,388	5,981	5,521
32	28	97 842	65 748,025	2 204 767,318	33,534	33,073	82	78	34 171	12 338,474	69 028,825	5,595	5,134
33	29	97 745	64 872,178	2 139 019,293	32,973	32,512	83	79	30 418	10 847,858	56 690,351	5,226	4,766
34	30	97 642	64 004,010	2 074 147,115	32,407	31,946	84	80	26 737	9 417,349	45 842,493	4,868	4,407
35	31	97 537	63 145,820	2 010 143,105	31,833	31,373	85	81	23 105	8 037,478	36 425,144	4,532	4,072
36	32	97 426	62 295,034	1 946 997,285	31,254	30,794	86	82	19 614	6 739,136	28 387,666	4,212	3,752
37	33	97 306	61 449,975	1 884 702,250	30,671	30,210	87	83	16 292	5 528,494	21 648,530	3,916	3,455
38	34	97 178	60 611,325	1 823 252,275	30,081	29,621	88	84	13 205	4 425,650	16 120,037	3,642	3,182
39	35	97 030	59 772,083	1 762 640,701	29,489	29,029	89	85	10 433	3 453,537	11 694,387	3,386	2,926
40	36	96 880	58 942,931	1 702 868,618	28,890	28,430	90	86	7 969	2 605,314	8 240,849	3,163	2,703
41	37	96 709	58 112,929	1 643 925,687	28,288	27,828	91	87	5 948	1 920,506	5 635,535	2,934	2,474
42	38	96 525	57 286,292	1 585 812,758	27,682	27,222	92	88	4 244	1 353,416	3 715,029	2,745	2,285
43	39	96 324	56 461,072	1 528 526,466	27,072	26,612	93	89	2 919	919,412	2 361,613	2,569	2,108
44	40	96 089	55 627,758	1 472 065,394	26,463	26,002	94	90	1 918	596,624	1 442,201	2,417	1,957
45	41	95 830	54 792,971	1 416 437,637	25,851	25,390	95	91	1 210	371,768	845,577	2,274	1,814
46	42	95 541	53 953,370	1 361 644,666	25,237	24,777	96	92	723	219,527	473,810	2,158	1,698
47	43	95 220	53 108,158	1 307 691,296	24,623	24,163	97	93	415	124,324	254,283	2,045	1,585
48	44	94 848	52 247,535	1 254 583,138	24,012	23,552	98	94	226	66,874	129,959	1,943	1,483
49	45	94 437	51 379,229	1 202 335,603	23,401	22,941	99	95	117	34,077	63,085	1,851	1,391
							100	96	57	16,407	29,008	1,768	1,308

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	45	94 099	50 563 056	1 160 795 491	22,957	22,497
1							51	46	93 604	49 675 896	1 110 232 435	22,350	21,889
2							52	47	93 029	48 761 689	1 060 556 539	21,750	21,289
3							53	48	92 412	47 840 252	1 011 794 850	21,149	20,689
4							54	49	91 740	46 905 730	963 954 598	20,551	20,091
5	0	99 535	93 540 488	4 358 659 963	46,597	46,136	55	50	90 984	45 945 017	917 048 868	19,960	19,499
6	1	99 210	92 084 454	4 265 119 475	46,317	45,857	56	51	90 169	44 971 472	871 103 851	19,370	18,910
7	2	99 174	90 913 995	4 173 035 021	45,901	45,441	57	52	89 293	43 984 624	826 132 378	18,782	18,322
8	3	99 151	89 770 830	4 082 121 026	45,473	45,012	58	53	88 332	42 973 806	782 147 754	18,201	17,740
9	4	99 131	88 645 257	3 992 350 196	45,037	44,577	59	54	87 291	41 943 523	739 173 948	17,623	17,163
10	5	99 112	87 533 562	3 903 704 939	44,597	44,136	60	55	86 183	40 899 438	697 230 425	17,047	16,587
11	6	99 093	86 436 437	3 816 171 377	44,150	43,690	61	56	84 985	39 833 095	656 330 987	16,477	16,017
12	7	99 076	85 354 560	3 729 734 941	43,697	43,237	62	57	83 719	38 755 331	616 497 892	15,907	15,447
13	8	99 056	84 284 184	3 644 380 381	43,239	42,779	63	58	82 385	37 666 844	577 742 561	15,338	14,878
14	9	99 038	83 228 278	3 560 096 196	42,775	42,315	64	59	80 984	36 569 392	540 075 717	14,769	14,308
15	10	99 016	82 182 761	3 476 867 919	42,307	41,846	65	60	79 466	35 440 655	503 506 325	14,207	13,747
16	11	98 992	81 147 949	3 394 685 158	41,833	41,373	66	61	77 847	34 290 204	468 065 670	13,650	13,190
17	12	98 958	80 118 901	3 313 537 209	41,358	40,897	67	62	76 119	33 115 269	433 775 465	13,099	12,639
18	13	98 916	79 096 603	3 233 418 308	40,879	40,419	68	63	74 287	31 919 033	400 660 196	12,552	12,092
19	14	98 860	78 075 495	3 154 321 704	40,401	39,941	69	64	72 373	30 712 973	368 741 163	12,006	11,546
20	15	98 801	77 065 563	3 076 246 209	39,917	39,457	70	65	70 337	29 480 263	338 028 191	11,466	11,006
21	16	98 735	76 063 626	2 999 180 646	39,430	38,970	71	66	68 199	28 231 166	308 547 927	10,929	10,469
22	17	98 667	75 072 418	2 923 117 020	38,937	38,477	72	67	65 930	26 955 004	280 316 762	10,399	9,939
23	18	98 599	74 094 307	2 848 044 602	38,438	37,978	73	68	63 557	25 664 005	253 361 758	9,872	9,412
24	19	98 525	73 124 599	2 773 950 295	37,935	37,474	74	69	61 061	24 351 771	227 697 753	9,350	8,890
25	20	98 449	72 166 505	2 700 825 696	37,425	36,965	75	70	58 366	22 989 771	203 345 982	8,845	8,385
26	21	98 373	71 220 589	2 628 659 191	36,909	36,448	76	71	55 529	21 602 260	180 356 211	8,349	7,889
27	22	98 295	70 285 738	2 557 438 603	36,386	35,926	77	72	52 533	20 184 320	158 753 951	7,865	7,405
28	23	98 211	69 358 512	2 487 152 864	35,859	35,399	78	73	49 352	18 728 124	138 569 631	7,399	6,939
29	24	98 130	68 445 421	2 417 794 353	35,324	34,864	79	74	45 985	17 235 009	119 841 506	6,953	6,493
30	25	98 045	67 542 306	2 349 348 932	34,783	34,323	80	75	42 474	15 722 303	102 606 497	6,526	6,066
31	26	97 961	66 651 100	2 281 806 626	34,235	33,775	81	76	38 858	14 206 521	86 884 194	6,116	5,655
32	27	97 868	65 765 693	2 215 155 526	33,683	33,222	82	77	35 145	12 690 296	72 677 673	5,727	5,267
33	28	97 770	64 888 587	2 149 389 833	33,124	32,664	83	78	31 426	11 207 255	59 987 377	5,353	4,892
34	29	97 670	64 022 380	2 084 501 246	32,559	32,099	84	79	27 744	9 772 135	48 780 122	4,992	4,531
35	30	97 565	63 163 697	2 020 478 867	31,988	31,528	85	80	24 112	8 387 799	39 007 986	4,651	4,190
36	31	97 455	62 313 855	1 957 315 169	31,411	30,950	86	81	20 595	7 075 879	30 620 187	4,327	3,867
37	32	97 340	61 471 765	1 895 001 315	30,827	30,367	87	82	17 243	5 851 151	23 544 308	4,024	3,563
38	33	97 213	60 633 744	1 833 529 550	30,239	29,779	88	83	14 089	4 721 759	17 693 157	3,747	3,287
39	34	97 071	59 797 483	1 772 895 805	29,648	29,188	89	84	11 247	3 722 751	12 971 398	3,484	3,024
40	35	96 918	58 966 385	1 713 098 322	29,052	28,592	90	85	8 688	2 840 368	9 248 647	3,256	2,796
41	36	96 755	58 140 558	1 654 131 937	28,451	27,990	91	86	6 567	2 120 285	6 408 279	3,022	2,562
42	37	96 577	57 316 881	1 595 991 379	27,845	27,385	92	87	4 759	1 517 778	4 287 994	2,825	2,365
43	38	96 378	56 492 522	1 538 674 498	27,237	26,776	93	88	3 326	1 047 509	2 770 215	2,645	2,184
44	39	96 152	55 664 583	1 482 181 976	26,627	26,167	94	89	2 234	694 974	1 722 707	2,479	2,018
45	40	95 898	54 831 694	1 426 517 393	26,016	25,556	95	90	1 432	439 855	1 027 732	2,337	1,876
46	41	95 618	53 996 648	1 371 685 699	25,403	24,943	96	91	880	266 962	587 877	2,202	1,742
47	42	95 305	53 155 471	1 317 689 051	24,789	24,329	97	92	512	153 339	320 914	2,093	1,632
48	43	94 945	52 301 088	1 264 533 580	24,178	23,718	98	93	285	84 358	167 575	1,986	1,526
49	44	94 544	51 437 001	1 212 232 492	23,567	23,107	99	94	151	44 021	83 217	1,890	1,430
							100	95	75	21 732	39 197	1,804	1,343

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6	0	99 524	92 375,686	4 275 255,891	46,281	45,821
7	1	99 200	90 938,000	4 182 880,205	45,997	45,537
8	2	99 165	89 784,202	4 091 942,205	45,575	45,115
9	3	99 142	88 655,163	4 002 158,003	45,143	44,683
10	4	99 124	87 543,995	3 913 502,841	44,703	44,243
11	5	99 103	86 445,174	3 825 958,845	44,259	43,798
12	6	99 084	85 361,994	3 739 513,671	43,808	43,347
13	7	99 065	84 291,419	3 654 151,677	43,351	42,891
14	8	99 045	83 234,408	3 569 860,258	42,889	42,429
15	9	99 023	82 188,430	3 486 625,851	42,422	41,962
16	10	98 999	81 153,708	3 404 437,420	41,950	41,490
17	11	98 966	80 125,309	3 323 283,712	41,476	41,016
18	12	98 924	79 102,971	3 243 158,403	40,999	40,539
19	13	98 869	78 082,489	3 164 055,432	40,522	40,062
20	14	98 812	77 073,917	3 085 972,942	40,039	39,579
21	15	98 748	76 073,196	3 008 899,026	39,553	39,092
22	16	98 682	75 083,971	2 932 825,830	39,061	38,600
23	17	98 614	74 106,199	2 857 741,859	38,563	38,102
24	18	98 547	73 141,305	2 783 635,660	38,058	37,598
25	19	98 469	72 181,413	2 710 494,355	37,551	37,091
26	20	98 395	71 236,402	2 638 312,942	37,036	36,576
27	21	98 316	70 300,451	2 567 076,539	36,516	36,055
28	22	98 233	69 374,074	2 496 776,088	35,990	35,530
29	23	98 152	68 461,070	2 427 402,014	35,457	34,996
30	24	98 065	67 555,962	2 358 940,944	34,918	34,458
31	25	97 983	66 665,765	2 291 384,982	34,371	33,911
32	26	97 891	65 781,261	2 224 719,217	33,820	33,360
33	27	97 796	64 906,024	2 158 937,956	33,263	32,802
34	28	97 695	64 038,573	2 094 031,932	32,700	32,239
35	29	97 593	63 181,825	2 029 993,359	32,129	31,669
36	30	97 483	62 331,497	1 966 811,534	31,554	31,094
37	31	97 370	61 490,337	1 904 480,037	30,972	30,512
38	32	97 248	60 655,245	1 842 989,701	30,385	29,924
39	33	97 106	59 819,355	1 782 334,456	29,795	29,335
40	34	96 959	58 991,443	1 722 515,100	29,199	28,739
41	35	96 794	58 163,693	1 663 523,657	28,601	28,140
42	36	96 623	57 344,132	1 605 359,964	27,995	27,535
43	37	96 429	56 522,687	1 548 015,832	27,388	26,927
44	38	96 206	55 695,589	1 491 493,145	26,779	26,319
45	39	95 961	54 867,992	1 435 797,556	26,168	25,708
46	40	95 685	54 034,808	1 380 929,564	25,556	25,096
47	41	95 381	53 198,109	1 326 894,755	24,943	24,482
48	42	95 030	52 347,682	1 273 696,646	24,331	23,871
49	43	94 641	51 489,723	1 221 348,964	23,720	23,260
50	44	94 205	50 619,910	1 169 859,241	23,111	22,650
51	45	93 723	49 739,027	1 119 239,331	22,502	22,042
52	46	93 161	48 830,497	1 069 500,304	21,902	21,442
53	47	92 564	47 918,605	1 020 669,807	21,300	20,840
54	48	91 902	46 988,826	972 751,203	20,702	20,241
55	49	91 172	46 039,751	925 762,376	20,108	19,648
56	50	90 368	45 070,763	879 722,626	19,519	19,058
57	51	89 512	44 092,509	834 651,863	18,930	18,469
58	52	88 575	43 092,110	790 559,353	18,346	17,885
59	53	87 555	42 070,008	747 467,243	17,767	17,307
60	54	86 458	41 030,375	705 397,235	17,192	16,732
61	55	85 287	39 974,733	664 366,860	16,620	16,159
62	56	84 036	38 902,078	624 392,127	16,050	15,590
63	57	82 715	37 817,986	585 490,050	15,482	15,021
64	58	81 343	36 731,462	547 672,064	14,910	14,450
65	59	79 843	35 608,801	510 940,602	14,349	13,888
66	60	78 269	34 476,008	475 331,800	13,787	13,327
67	61	76 559	33 306,673	440 855,793	13,236	12,776
68	62	74 758	32 121,644	407 549,120	12,688	12,227
69	63	72 864	30 921,316	375 427,475	12,141	11,681
70	64	70 858	29 698,530	344 506,159	11,600	11,140
71	65	68 736	28 453,383	314 807,629	11,064	10,604
72	66	66 499	27 187,573	286 354,246	10,533	10,072
73	67	64 143	25 900,537	259 166,673	10,006	9,546
74	68	61 660	24 590,560	233 266,136	9,486	9,026
75	69	58 993	23 236,579	208 675,576	8,980	8,520
76	70	56 181	21 855,892	185 438,997	8,485	8,024
77	71	53 218	20 447,628	163 583,105	8,000	7,540
78	72	50 077	19 003,248	143 135,477	7,532	7,072
79	73	46 745	17 519,904	124 132,229	7,085	6,625
80	74	43 279	16 020,404	106 612,325	6,655	6,194
81	75	39 711	14 518,048	90 591,921	6,240	5,780
82	76	36 027	13 008,921	76 073,873	5,848	5,387
83	77	32 322	11 526,821	63 064,952	5,471	5,011
84	78	28 663	10 095,893	51 538,130	5,105	4,644
85	79	25 020	8 703,798	41 442,237	4,761	4,301
86	80	21 492	7 384,288	32 738,439	4,434	3,973
87	81	18 104	6 143,524	25 354,150	4,127	3,667
88	82	14 911	4 997,333	19 210,627	3,844	3,384
89	83	11 999	3 971,830	14 213,293	3,579	3,118
90	84	9 365	3 061,783	10 241,463	3,345	2,885
91	85	7 159	2 311,579	7 179,680	3,106	2,646
92	86	5 254	1 675,664	4 868,101	2,905	2,445
93	87	3 730	1 174,721	3 192,437	2,718	2,257
94	88	2 545	791,802	2 017,716	2,548	2,088
95	89	1 668	512,364	1 225,914	2,393	1,932
96	90	1 041	315,855	713,550	2,259	1,799
97	91	622	186,473	397,695	2,133	1,672
98	92	352	104,046	211,222	2,030	1,570
99	93	190	55,529	107,176	1,930	1,470
100	94	97	28,073	51,647	1,840	1,379

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7	0	99 513	91 225,606	4 192 223,823	45,954	45,494
8	1	99 192	89 807,908	4 100 998,218	45,664	45,204
9	2	99 157	88 668,369	4 011 190,309	45,238	44,778
10	3	99 135	87 553,778	3 922 521,941	44,801	44,341
11	4	99 115	86 455,478	3 834 968,163	44,358	43,897
12	5	99 094	85 370,623	3 748 512,685	43,909	43,448
13	6	99 073	84 298,760	3 663 142,062	43,454	42,994
14	7	99 054	83 241,552	3 578 843,301	42,993	42,533
15	8	99 030	82 194,483	3 495 601,749	42,528	42,068
16	9	99 005	81 159,307	3 413 407,266	42,058	41,598
17	10	98 973	80 130,996	3 332 247,959	41,585	41,125
18	11	98 932	79 109,297	3 252 116,963	41,109	40,649
19	12	98 877	78 088,775	3 173 007,666	40,633	40,173
20	13	98 820	77 080,821	3 094 918,890	40,152	39,691
21	14	98 758	76 081,442	3 017 838,069	39,666	39,206
22	15	98 694	75 093,417	2 941 756,627	39,175	38,714
23	16	98 630	74 117,603	2 866 663,209	38,677	38,217
24	17	98 563	73 153,044	2 792 545,606	38,174	37,714
25	18	98 492	72 197,904	2 719 392,562	37,666	37,205
26	19	98 415	71 251,119	2 647 194,658	37,153	36,693
27	20	98 338	70 316,061	2 575 943,539	36,634	36,173
28	21	98 254	69 388,597	2 505 627,479	36,110	35,650
29	22	98 174	68 476,431	2 436 238,882	35,578	35,117
30	23	98 088	67 571,408	2 367 762,451	35,041	34,581
31	24	98 002	66 692,243	2 300 191,043	34,496	34,036
32	25	97 913	65 795,735	2 233 511,800	33,946	33,486
33	26	97 819	64 921,388	2 167 716,065	33,390	32,929
34	27	97 721	64 055,782	2 102 794,677	32,828	32,367
35	28	97 618	63 197,806	2 038 738,895	32,260	31,799
36	29	97 511	62 349,386	1 975 541,089	31,685	31,225
37	30	97 397	61 507,745	1 913 191,703	31,105	30,645
38	31	97 277	60 673,570	1 851 683,958	30,519	30,058
39	32	97 141	59 840,567	1 791 010,388	29,930	29,469
40	33	96 995	59 013,020	1 731 169,821	29,335	28,875
41	34	96 835	58 188,410	1 672 156,801	28,737	28,277
42	35	96 661	57 366,950	1 613 968,391	28,134	27,674
43	36	96 475	56 549,560	1 556 601,441	27,526	27,066
44	37	96 257	55 725,329	1 500 051,880	26,919	26,458
45	38	96 015	54 898,555	1 444 326,551	26,309	25,849
46	39	95 749	54 070,579	1 389 427,996	25,697	25,236
47	40	95 449	53 235,706	1 335 357,418	25,084	24,623
48	41	95 106	52 389,672	1 282 121,712	24,473	24,012
49	42	94 725	51 535,594	1 229 732,039	23,862	23,401

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
50	43	94 301	50 671,795	1 178 196,445	23,252	22,791
51	44	93 828	49 794,954	1 127 524,651	22,643	22,183
52	45	93 279	48 892,553	1 077 729,697	22,043	21,582
53	46	92 694	47 986,223	1 028 837,144	21,440	20,980
54	47	92 053	47 065,784	980 850,921	20,840	20,380
55	48	91 333	46 121,313	933 785,137	20,246	19,786
56	49	90 555	45 163,694	887 663,824	19,654	19,194
57	50	89 710	44 189,860	842 500,130	19,065	18,605
58	51	88 792	43 197,806	798 310,270	18,480	18,020
59	52	87 796	42 185,824	755 112,464	17,900	17,439
60	53	86 719	41 154,107	712 926,640	17,323	16,863
61	54	85 560	40 102,709	671 772,533	16,751	16,291
62	55	84 335	39 040,404	631 669,824	16,180	15,720
63	56	83 028	37 961,183	592 629,420	15,611	15,151
64	57	81 669	36 878,851	554 668,237	15,040	14,580
65	58	80 196	35 766,614	517 789,386	14,477	14,017
66	59	78 640	34 639,577	482 022,771	13,915	13,455
67	60	76 974	33 487,147	447 383,195	13,360	12,899
68	61	75 190	32 307,305	413 896,048	12,811	12,351
69	62	73 327	31 117,595	381 588,742	12,263	11,802
70	63	71 338	29 899,992	350 471,148	11,721	11,261
71	64	69 244	28 664,047	320 571,156	11,184	10,723
72	65	67 022	27 401,576	291 907,109	10,653	10,193
73	66	64 696	26 124,008	264 505,532	10,125	9,665
74	67	62 228	24 817,199	238 381,524	9,605	9,145
75	68	59 571	23 464,433	213 564,326	9,102	8,641
76	69	56 784	22 090,527	190 099,892	8,605	8,145
77	70	53 843	20 687,703	168 009,365	8,121	7,661
78	71	50 730	19 251,149	147 321,662	7,653	7,192
79	72	47 432	17 777,278	128 070,513	7,204	6,744
80	73	43 994	16 285,221	110 293,235	6,773	6,312
81	74	40 463	14 793,315	94 008,014	6,355	5,894
82	75	36 818	13 294,187	79 214,699	5,959	5,498
83	76	33 133	11 816,234	65 920,512	5,579	5,118
84	77	29 481	10 383,770	54 104,278	5,210	4,750
85	78	25 849	8 992,161	43 720,508	4,862	4,402
86	79	22 302	7 662,482	34 728,347	4,532	4,072
87	80	18 894	6 411,295	27 065,865	4,222	3,761
88	81	15 656	5 247,042	20 654,570	3,936	3,476
89	82	12 699	4 203,637	15 407,528	3,665	3,205
90	83	9 992	3 266,639	11 203,890	3,430	2,969
91	84	7 717	2 491,774	7 937,251	3,185	2,725
92	85	5 729	1 826,844	5 445,478	2,981	2,520
93	86	4 118	1 296,920	3 618,634	2,790	2,330
94	87	2 854	887,960	2 321,714	2,615	2,154
95	88	1 900	583,748	1 433,753	2,456	1,996
96	89	1 212	367,923	850,005	2,310	1,850
97	90	736	220,625	482,082	2,185	1,725
98	91	427	126,528	261,457	2,066	1,606
99	92	234	68,489	134,929	1,970	1,510
100	93	123	35,413	66,440	1,876	1,416

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	42	94 385	50 716,937	1 185 853,918	23,382	22,921
1							51	43	93 924	49 845,993	1 135 136,981	22,773	22,312
2							52	44	93 384	48 947,529	1 085 290,987	22,173	21,712
3							53	45	92 812	48 047,206	1 036 343,459	21,569	21,109
4							54	46	92 183	47 132,199	988 296,253	20,969	20,508
5							55	47	91 483	46 196,850	941 164,054	20,373	19,913
6							56	48	90 715	45 243,704	894 967,204	19,781	19,321
7							57	49	89 895	44 280,974	849 723,499	19,189	18,729
8	0	99 505	90 091,940	4 109 603,522	45,616	45,155	58	50	88 988	43 293,181	805 442,525	18,604	18,144
9	1	99 183	88 691,780	4 019 511,582	45,320	44,860	59	51	88 011	42 289,297	762 149,344	18,022	17,562
10	2	99 149	87 566,820	3 930 819,802	44,889	44,429	60	52	86 958	41 267,401	719 860,047	17,444	16,983
11	3	99 126	86 465,139	3 843 252,982	44,449	43,988	61	53	85 818	40 223,643	678 592,646	16,870	16,410
12	4	99 106	85 380,799	3 756 787,843	44,000	43,540	62	54	84 605	39 165,390	638 369,003	16,299	15,839
13	5	99 083	84 307,282	3 671 407,044	43,548	43,088	63	55	83 324	38 096,164	599 203,613	15,729	15,268
14	6	99 062	83 248,802	3 587 099,762	43,089	42,629	64	56	81 979	37 018,492	561 107,449	15,157	14,697
15	7	99 039	82 201,539	3 503 850,960	42,625	42,165	65	57	80 518	35 910,132	524 088,956	14,594	14,134
16	8	99 013	81 165,285	3 421 649,422	42,157	41,696	66	58	78 989	34 793,094	488 178,825	14,031	13,571
17	9	98 980	80 136,524	3 340 484,137	41,685	41,225	67	59	77 339	33 646,024	453 385,731	13,475	13,015
18	10	98 939	79 114,912	3 260 347,613	41,210	40,750	68	60	75 598	32 482,364	419 739,706	12,922	12,462
19	11	98 885	78 095,021	3 181 232,701	40,735	40,275	69	61	73 751	31 297,452	387 257,342	12,373	11,913
20	12	98 828	77 087,027	3 103 137,681	40,255	39,795	70	62	71 791	30 089,788	355 959,890	11,830	11,370
21	13	98 767	76 088,258	3 026 050,654	39,770	39,310	71	63	69 714	28 858,491	325 870,102	11,292	10,832
22	14	98 705	75 101,558	2 949 962,396	39,280	38,819	72	64	67 518	27 604,453	297 011,611	10,760	10,299
23	15	98 642	74 126,928	2 874 860,838	38,783	38,323	73	65	65 205	26 329,639	269 407,158	10,232	9,772
24	16	98 578	73 164,302	2 800 733,911	38,280	37,820	74	66	62 765	25 031,323	243 077,519	9,711	9,251
25	17	98 508	72 209,492	2 727 569,609	37,773	37,313	75	67	60 120	23 680,693	218 046,196	9,208	8,747
26	18	98 438	71 267,397	2 655 360,117	37,259	36,799	76	68	57 341	22 307,143	194 365,503	8,713	8,253
27	19	98 358	70 330,587	2 584 092,720	36,742	36,282	77	69	54 421	20 909,797	172 058,360	8,229	7,768
28	20	98 276	69 404,004	2 513 762,133	36,219	35,759	78	70	51 326	19 477,176	151 148,563	7,760	7,300
29	21	98 195	68 490,765	2 444 358,130	35,689	35,228	79	71	48 051	18 009,186	131 671,387	7,311	6,851
30	22	98 110	67 586,569	2 375 867,364	35,153	34,693	80	72	44 641	16 524,457	113 662,201	6,878	6,418
31	23	98 025	66 694,488	2 308 280,795	34,610	34,149	81	73	41 132	15 037,849	97 137,744	6,460	5,999
32	24	97 932	65 809,038	2 241 586,307	34,062	33,602	82	74	37 516	13 546,250	82 099,895	6,061	5,600
33	25	97 841	64 935,673	2 175 777,269	33,507	33,046	83	75	33 860	12 075,346	68 553,645	5,677	5,217
34	26	97 744	64 070,945	2 110 841,597	32,945	32,485	84	76	30 221	10 644,483	56 478,299	5,306	4,845
35	27	97 644	63 214,789	2 046 770,652	32,378	31,918	85	77	26 586	9 248,566	45 833,816	4,956	4,495
36	28	97 536	62 365,156	1 983 555,863	31,806	31,345	86	78	23 041	7 916,345	36 585,250	4,621	4,161
37	29	97 425	61 525,398	1 921 190,706	31,226	30,766	87	79	19 605	6 652,832	28 668,905	4,309	3,849
38	30	97 305	60 690,747	1 859 665,308	30,642	30,181	88	80	16 338	5 475,739	22 016,073	4,021	3,560
39	31	97 170	59 858,646	1 798 974,561	30,054	29,593	89	81	13 334	4 413,686	16 540,333	3,748	3,287
40	32	97 029	59 033,946	1 739 115,915	29,460	28,999	90	82	10 575	3 457,289	12 126,647	3,508	3,047
41	33	96 871	58 209,694	1 680 081,969	28,863	28,402	91	83	8 233	2 658,492	8 669,358	3,261	2,801
42	34	96 702	57 391,328	1 621 872,275	28,260	27,799	92	84	6 175	1 969,251	6 010,866	3,052	2,592
43	35	96 514	56 572,062	1 564 480,947	27,655	27,194	93	85	4 489	1 413,930	4 041,615	2,858	2,398
44	36	96 303	55 751,823	1 507 908,884	27,047	26,586	94	86	3 151	980,329	2 627,685	2,680	2,220
45	37	96 066	54 927,869	1 452 157,061	26,438	25,977	95	87	2 131	654,641	1 647,356	2,516	2,056
46	38	95 802	54 100,697	1 397 229,192	25,826	25,366	96	88	1 381	419,184	992,715	2,368	1,908
47	39	95 512	53 270,947	1 343 128,495	25,213	24,753	97	89	858	256,994	573,531	2,232	1,771
48	40	95 173	52 426,697	1 289 857,548	24,603	24,143	98	90	506	149,702	316,538	2,114	1,654
49	41	94 801	51 576,933	1 237 430,850	23,992	23,532	99	91	285	83,288	166,836	2,003	1,543
							100	92	151	43,678	83,548	1,913	1,452

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	41	94 461	50 757,619	1 192 879,851	23,501	23,041
1							51	42	94 008	49 890,400	1 142 122,232	22,893	22,432
2							52	43	93 480	48 997,699	1 092 231,832	22,291	21,831
3							53	44	92 917	48 101,231	1 043 234,132	21,688	21,228
4							54	45	92 300	47 192,097	995 132,902	21,087	20,626
5							55	46	91 612	46 262,038	947 940,805	20,491	20,030
6							56	47	90 864	45 317,804	901 678,766	19,897	19,436
7							57	48	90 054	44 359,421	856 360,962	19,305	18,845
8							58	49	89 171	43 382,447	812 001,541	18,717	18,257
9	0	99 497	88 972,282	4 027 432,036	45,266	44,806	59	50	88 205	42 382,666	768 619,095	18,135	17,675
10	1	99 176	87 589,941	3 938 459,754	44,965	44,504	60	51	87 171	41 368,621	726 236,428	17,555	17,095
11	2	99 140	86 478,019	3 850 869,813	44,530	44,070	61	52	86 054	40 334,376	684 867,807	16,980	16,519
12	3	99 117	85 390,340	3 764 391,794	44,085	43,624	62	53	84 860	39 283,497	644 533,431	16,407	15,947
13	4	99 095	84 317,331	3 679 001,454	43,633	43,172	63	54	83 590	38 218,127	605 249,934	15,837	15,376
14	5	99 072	83 257,217	3 594 684,124	43,176	42,715	64	55	82 270	37 150,121	567 031,807	15,263	14,803
15	6	99 047	82 208,698	3 511 426,907	42,714	42,253	65	56	80 823	36 046,105	529 881,685	14,700	14,240
16	7	99 021	81 172,251	3 429 218,208	42,246	41,786	66	57	79 306	34 932,705	493 835,581	14,137	13,676
17	8	98 987	80 142,426	3 348 045,957	41,776	41,316	67	58	77 682	33 795,139	458 902,875	13,579	13,119
18	9	98 946	79 120,370	3 267 903,531	41,303	40,843	68	59	75 957	32 636,474	425 107,736	13,026	12,565
19	10	98 892	78 100,563	3 188 783,161	40,829	40,369	69	60	74 150	31 467,039	392 471,262	12,472	12,012
20	11	98 836	77 093,192	3 110 682,598	40,350	39,889	70	61	72 206	30 263,704	361 004,223	11,929	11,468
21	12	98 775	76 094,383	3 033 589,406	39,866	39,406	71	62	70 157	29 041,676	330 740,519	11,388	10,928
22	13	98 714	75 108,285	2 957 495,023	39,376	38,916	72	63	67 976	27 791,709	301 698,842	10,856	10,395
23	14	98 653	74 134,963	2 882 386,737	38,880	38,420	73	64	65 688	26 524,579	273 907,133	10,327	9,866
24	15	98 590	73 173,506	2 808 251,774	38,378	37,918	74	65	63 259	25 228,353	247 382,554	9,806	9,345
25	16	98 523	72 220,604	2 735 078,268	37,871	37,411	75	66	60 639	23 885,011	222 154,200	9,301	8,841
26	17	98 454	71 278,835	2 662 857,663	37,358	36,898	76	67	57 870	22 512,736	198 269,189	8,807	8,347
27	18	98 381	70 346,655	2 591 578,828	36,840	36,380	77	68	54 955	21 114,835	175 756,453	8,324	7,863
28	19	98 296	69 418,341	2 521 232,173	36,319	35,859	78	69	51 877	19 686,274	154 641,618	7,855	7,395
29	20	98 216	68 505,973	2 451 813,832	35,790	35,329	79	70	48 615	18 220,631	134 955,344	7,407	6,946
30	21	98 130	67 600,717	2 383 307,859	35,256	34,795	80	71	45 223	16 740,022	116 734,712	6,973	6,513
31	22	98 047	66 709,453	2 315 707,141	34,713	34,253	81	72	41 737	15 258,761	99 994,690	6,553	6,093
32	23	97 955	65 824,084	2 248 997,688	34,167	33,706	82	73	38 136	13 770,169	84 735,929	6,154	5,693
33	24	97 860	64 948,801	2 183 173,605	33,614	33,153	83	74	34 502	12 304,299	70 965,761	5,768	5,307
34	25	97 766	64 085,042	2 118 224,803	33,053	32,593	84	75	30 884	10 877,900	58 661,462	5,393	4,932
35	26	97 667	63 229,753	2 054 139,761	32,487	32,027	85	76	27 253	9 480,777	47 783,561	5,040	4,580
36	27	97 562	62 381,915	1 990 910,008	31,915	31,454	86	77	23 698	8 142,074	38 302,785	4,704	4,244
37	28	97 450	61 540,960	1 928 528,093	31,337	30,877	87	78	20 255	6 873,245	30 160,711	4,388	3,928
38	29	97 333	60 708,166	1 866 987,133	30,753	30,293	88	79	16 954	5 682,031	23 287,466	4,098	3,638
39	30	97 198	59 875,593	1 806 278,967	30,167	29,707	89	80	13 915	4 606,061	17 605,435	3,822	3,362
40	31	97 059	59 051,781	1 746 403,374	29,574	29,114	90	81	11 104	3 630,044	12 999,374	3,581	3,121
41	32	96 905	58 230,335	1 687 351,593	28,977	28,517	91	82	8 714	2 813,649	9 369,330	3,330	2,870
42	33	96 738	57 412,320	1 629 121,258	28,376	27,915	92	83	6 588	2 101,009	6 555,681	3,120	2,660
43	34	96 555	56 596,103	1 571 708,938	27,771	27,310	93	84	4 839	1 524,150	4 454,672	2,923	2,462
44	35	96 341	55 774,007	1 515 112,835	27,165	26,705	94	85	3 436	1 068,776	2 930,523	2,742	2,282
45	36	96 112	54 953,984	1 459 338,827	26,556	26,095	95	86	2 352	722,739	1 861,747	2,576	2,116
46	37	95 853	54 129,586	1 404 384,844	25,945	25,484	96	87	1 549	470,090	1 139,008	2,423	1,963
47	38	95 565	53 300,621	1 350 255,258	25,333	24,872	97	88	977	292,799	668,918	2,285	1,824
48	39	95 236	52 461,403	1 296 954,637	24,722	24,262	98	89	589	174,379	376,118	2,157	1,697
49	40	94 868	51 613,384	1 244 493,234	24,112	23,651	99	90	337	98,542	201,739	2,047	1,587
							100	91	184	53,116	103,197	1,943	1,482

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10	0	99 489	87 866,958	3 945 747,101	44,906	44,446
11	1	99 167	86 500,852	3 857 880,143	44,599	44,139
12	2	99 132	85 403,060	3 771 379,291	44,160	43,699
13	3	99 106	84 326,753	3 685 976,231	43,711	43,250
14	4	99 084	83 267,141	3 601 649,478	43,254	42,794
15	5	99 057	82 217,008	3 518 382,337	42,794	42,333
16	6	99 030	81 179,321	3 436 165,329	42,328	41,868
17	7	98 995	80 149,305	3 354 986,008	41,859	41,399
18	8	98 953	79 126,197	3 274 836,703	41,388	40,927
19	9	98 899	78 105,951	3 195 710,506	40,915	40,455
20	10	98 843	77 098,664	3 117 604,554	40,437	39,976
21	11	98 783	76 100,469	3 040 505,891	39,954	39,493
22	12	98 722	75 114,332	2 964 405,422	39,465	39,005
23	13	98 661	74 141,604	2 889 291,090	38,970	38,510
24	14	98 601	73 181,438	2 815 149,485	38,468	38,008
25	15	98 535	72 229,690	2 741 968,047	37,962	37,501
26	16	98 469	71 289,805	2 669 738,357	37,449	36,989
27	17	98 396	70 357,945	2 598 448,552	36,932	36,471
28	18	98 318	69 434,201	2 528 090,607	36,410	35,949
29	19	98 237	68 520,125	2 458 656,406	35,882	35,422
30	20	98 152	67 615,727	2 390 136,281	35,349	34,888
31	21	98 067	66 723,418	2 322 520,553	34,808	34,348
32	22	97 977	65 838,853	2 255 797,136	34,262	33,802
33	23	97 883	64 963,651	2 189 958,282	33,711	33,250
34	24	97 786	64 097,999	2 124 994,632	33,152	32,692
35	25	97 688	63 243,666	2 060 896,633	32,587	32,126
36	26	97 585	62 396,682	1 997 652,967	32,015	31,555
37	27	97 476	61 557,497	1 935 256,285	31,438	30,978
38	28	97 357	60 723,521	1 873 698,787	30,856	30,396
39	29	97 226	59 892,777	1 812 975,266	30,270	29,810
40	30	97 086	59 068,499	1 753 082,489	29,679	29,218
41	31	96 934	58 247,927	1 694 013,990	29,083	28,622
42	32	96 772	57 432,679	1 635 766,063	28,481	28,021
43	33	96 590	56 616,804	1 578 333,384	27,877	27,417
44	34	96 382	55 797,709	1 521 716,580	27,272	26,812
45	35	96 150	54 975,851	1 465 918,871	26,665	26,204
46	36	95 899	54 155,321	1 410 943,020	26,054	25,593
47	37	95 616	53 329,081	1 356 787,699	25,442	24,981
48	38	95 289	52 490,625	1 303 458,618	24,832	24,372
49	39	94 931	51 647,551	1 250 967,993	24,221	23,761

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
50	40	94 528	50 793,491	1 199 320,442	23,612	23,151
51	41	94 083	49 930,419	1 148 526,951	23,003	22,542
52	42	93 563	49 041,350	1 098 596,532	22,401	21,941
53	43	93 012	48 150,534	1 049 555,181	21,797	21,337
54	44	92 404	47 245,160	1 001 404,647	21,196	20,736
55	45	91 728	46 320,830	954 159,487	20,599	20,139
56	46	90 992	45 381,752	907 838,657	20,004	19,544
57	47	90 201	44 432,073	862 456,904	19,411	18,950
58	48	89 329	43 459,301	818 024,832	18,823	18,362
59	49	88 387	42 470,055	774 565,531	18,238	17,778
60	50	87 364	41 459,958	732 095,476	17,658	17,198
61	51	86 265	40 433,308	690 635,518	17,081	16,620
62	52	85 093	39 391,642	650 202,210	16,506	16,046
63	53	83 842	38 333,378	610 810,568	15,934	15,474
64	54	82 534	37 269,055	572 477,191	15,361	14,900
65	55	81 110	36 174,276	535 208,135	14,795	14,335
66	56	79 606	35 064,977	499 033,859	14,232	13,771
67	57	77 994	33 930,745	463 968,881	13,674	13,214
68	58	76 293	32 781,115	430 038,136	13,118	12,658
69	59	74 502	31 616,332	397 257,021	12,565	12,105
70	60	72 597	30 427,690	365 640,689	12,017	11,556
71	61	70 562	29 209,535	335 212,999	11,476	11,016
72	62	68 408	27 968,122	306 003,465	10,941	10,481
73	63	66 134	26 704,511	278 035,342	10,412	9,951
74	64	63 727	25 415,140	251 330,832	9,889	9,429
75	65	61 116	24 073,019	225 915,692	9,385	8,924
76	66	58 369	22 706,978	201 842,673	8,889	8,429
77	67	55 461	21 309,439	179 135,696	8,406	7,946
78	68	52 386	19 879,315	157 826,256	7,939	7,479
79	69	49 137	18 416,240	137 946,941	7,491	7,030
80	70	45 754	16 936,566	119 530,702	7,058	6,597
81	71	42 281	15 457,814	102 594,136	6,637	6,177
82	72	38 696	13 972,458	87 136,322	6,236	5,776
83	73	35 072	12 507,689	73 163,863	5,850	5,389
84	74	31 469	11 084,149	60 656,174	5,472	5,012
85	75	27 851	9 688,676	49 572,025	5,116	4,656
86	76	24 293	8 346,503	39 883,350	4,778	4,318
87	77	20 832	7 069,231	31 536,847	4,461	4,001
88	78	17 515	5 870,281	24 467,616	4,168	3,708
89	79	14 439	4 779,588	18 597,335	3,891	3,431
90	80	11 588	3 788,263	13 817,747	3,648	3,187
91	81	9 149	2 954,242	10 029,484	3,395	2,935
92	82	6 973	2 223,630	7 075,242	3,182	2,721
93	83	5 163	1 626,127	4 851,613	2,984	2,523
94	84	3 704	1 152,090	3 225,486	2,800	2,339
95	85	2 565	787,945	2 073,396	2,631	2,171
96	86	1 710	518,991	1 285,451	2,477	2,016
97	87	1 096	328,358	766,460	2,334	1,874
98	88	671	198,675	438,102	2,205	1,745
99	89	393	114,787	239,428	2,086	1,625
100	90	218	62,844	124,641	1,983	1,523

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	39	94 590	50 827,115	1 205 222,373	23,712	23,252
1							51	40	94 150	49 965,706	1 154 395,258	23,104	22,643
2							52	41	93 638	49 080,688	1 104 429,552	22,502	22,042
3							53	42	93 095	48 193,430	1 055 348,863	21,898	21,438
4							54	43	92 498	47 293,586	1 007 155,433	21,296	20,835
5							55	44	91 831	46 372,914	959 861,847	20,699	20,238
6							56	45	91 108	45 439,426	913 488,933	20,103	19,643
7							57	46	90 329	44 494,771	868 049,507	19,509	19,049
8							58	47	89 476	43 530,479	823 554,737	18,919	18,459
9							59	48	88 544	42 545,293	780 024,258	18,334	17,874
10							60	49	87 544	41 545,444	737 478,965	17,751	17,291
11	0	99 480	86 774,425	3 864 583,966	44,536	44,076	61	50	86 456	40 522,579	695 933,521	17,174	16,714
12	1	99 158	85 425,609	3 777 809,541	44,223	43,763	62	51	85 302	39 488,261	655 410,942	16,598	16,137
13	2	99 121	84 339,314	3 692 383,932	43,780	43,320	63	52	84 073	38 438,907	615 922,680	16,023	15,563
14	3	99 095	83 276,446	3 608 044,617	43,326	42,866	64	53	82 782	37 381,444	577 483,774	15,448	14,988
15	4	99 069	82 226,808	3 524 768,172	42,866	42,406	65	54	81 370	36 290,086	540 102,330	14,883	14,423
16	5	99 040	81 187,527	3 442 541,364	42,402	41,942	66	55	79 889	35 189,660	503 812,244	14,317	13,857
17	6	99 004	80 156,286	3 361 353,837	41,935	41,475	67	56	78 289	34 059,224	468 622,583	13,759	13,299
18	7	98 962	79 132,989	3 281 197,551	41,464	41,004	68	57	76 599	32 912,652	434 563,359	13,204	12,743
19	8	98 906	78 111,704	3 202 064,562	40,993	40,533	69	58	74 832	31 756,452	401 650,707	12,648	12,187
20	9	98 850	77 103,982	3 123 952,858	40,516	40,056	70	59	72 942	30 572,052	369 894,256	12,099	11,639
21	10	98 790	76 105,870	3 046 848,875	40,034	39,574	71	60	70 945	29 367,808	339 322,204	11,554	11,094
22	11	98 730	75 120,339	2 970 743,005	39,546	39,086	72	61	68 803	28 129,776	309 954,396	11,019	10,558
23	12	98 669	74 147,573	2 895 622,666	39,052	38,592	73	62	66 553	26 874,023	281 824,620	10,487	10,026
24	13	98 610	73 187,994	2 821 475,093	38,551	38,091	74	63	64 160	25 587,545	254 950,597	9,964	9,503
25	14	98 546	72 237,520	2 748 287,098	38,045	37,585	75	64	61 569	24 251,251	229 363,052	9,458	8,997
26	15	98 481	71 298,773	2 676 049,579	37,533	37,073	76	65	58 828	22 885,712	205 111,801	8,962	8,502
27	16	98 411	70 368,773	2 604 750,805	37,016	36,555	77	66	55 940	21 493,299	182 226,089	8,478	8,018
28	17	98 334	69 445,345	2 534 382,032	36,495	36,034	78	67	52 869	20 062,532	160 732,790	8,012	7,551
29	18	98 259	68 535,779	2 464 936,687	35,966	35,505	79	68	49 619	18 596,827	140 670,259	7,564	7,104
30	19	98 172	67 629,696	2 396 400,908	35,434	34,974	80	69	46 245	17 118,389	122 073,432	7,131	6,671
31	20	98 089	66 738,233	2 328 771,212	34,894	34,434	81	70	42 777	15 639,304	104 955,043	6,711	6,251
32	21	97 997	65 852,636	2 262 032,979	34,350	33,890	82	71	39 201	14 154,732	89 315,739	6,310	5,850
33	22	97 905	64 978,227	2 196 180,344	33,799	33,338	83	72	35 588	12 691,432	75 161,007	5,922	5,462
34	23	97 808	64 112,654	2 131 202,116	33,242	32,781	84	73	31 989	11 267,370	62 469,575	5,544	5,084
35	24	97 708	63 256,452	2 067 089,462	32,678	32,218	85	74	28 379	9 872,376	51 202,205	5,186	4,726
36	25	97 606	62 410,411	2 003 833,010	32,107	31,647	86	75	24 825	8 529,529	41 329,829	4,845	4,385
37	26	97 499	61 572,069	1 941 422,599	31,531	31,071	87	76	21 355	7 246,723	32 800,300	4,526	4,066
38	27	97 383	60 739,839	1 879 850,530	30,949	30,489	88	77	18 015	6 037,667	25 553,577	4,232	3,772
39	28	97 250	59 907,926	1 819 110,691	30,365	29,905	89	78	14 918	4 937,939	19 515,910	3,952	3,492
40	29	97 114	59 085,452	1 759 202,765	29,774	29,313	90	79	12 024	3 930,981	14 577,970	3,708	3,248
41	30	96 962	58 264,418	1 700 117,313	29,179	28,719	91	80	9 548	3 083,005	10 646,989	3,453	2,993
42	31	96 801	57 450,030	1 641 852,895	28,579	28,118	92	81	7 321	2 334,741	7 563,984	3,240	2,779
43	32	96 624	56 636,880	1 584 402,865	27,975	27,514	93	82	5 464	1 721,032	5 229,243	3,038	2,578
44	33	96 418	55 818,118	1 527 765,984	27,370	26,910	94	83	3 951	1 229,173	3 508,211	2,854	2,394
45	34	96 191	54 999,213	1 471 947,866	26,763	26,303	95	84	2 765	849,368	2 279,038	2,683	2,223
46	35	95 937	54 176,870	1 416 948,653	26,154	25,694	96	85	1 865	565,815	1 429,671	2,527	2,066
47	36	95 661	53 354,436	1 362 771,783	25,542	25,081	97	86	1 210	362,515	863,856	2,383	1,923
48	37	95 340	52 518,654	1 309 417,347	24,932	24,472	98	87	753	222,802	501,341	2,250	1,790
49	38	94 983	51 676,320	1 256 898,693	24,323	23,862	99	88	447	130,779	278,538	2,130	1,669
							100	89	254	73,203	147,759	2,018	1,558

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12	0	99 472	85 695,781	3 783 976,811	44,156	43,696
13	1	99 147	84 361,583	3 698 281,030	43,838	43,378
14	2	99 110	83 288,851	3 613 919,447	43,390	42,930
15	3	99 080	82 235,996	3 530 630,596	42,933	42,473
16	4	99 052	81 197,204	3 448 394,600	42,469	42,009
17	5	99 014	80 164,388	3 367 197,395	42,004	41,543
18	6	98 971	79 139,881	3 287 033,007	41,534	41,074
19	7	98 914	78 118,409	3 207 893,126	41,064	40,604
20	8	98 857	77 109,661	3 129 774,717	40,589	40,128
21	9	98 797	76 111,121	3 052 665,056	40,108	39,648
22	10	98 737	75 125,671	2 976 553,935	39,621	39,161
23	11	98 677	74 153,503	2 901 428,264	39,127	38,667
24	12	98 618	73 193,886	2 827 274,761	38,627	38,167
25	13	98 555	72 243,991	2 754 080,875	38,122	37,662
26	14	98 492	71 306,502	2 681 836,884	37,610	37,150
27	15	98 424	70 377,626	2 610 530,382	37,093	36,633
28	16	98 349	69 456,032	2 540 152,756	36,572	36,112
29	17	98 275	68 546,779	2 470 696,723	36,044	35,584
30	18	98 195	67 645,147	2 402 149,944	35,511	35,051
31	19	98 109	66 752,020	2 334 504,797	34,973	34,512
32	20	98 019	65 867,258	2 267 752,778	34,429	33,969
33	21	97 925	64 991,829	2 201 885,520	33,879	33,419
34	22	97 830	64 127,040	2 136 893,691	33,323	32,862
35	23	97 731	63 270,915	2 072 766,651	32,760	32,300
36	24	97 626	62 423,029	2 009 495,737	32,192	31,731
37	25	97 520	61 585,617	1 947 072,707	31,616	31,155
38	26	97 406	60 754,217	1 885 487,090	31,035	30,574
39	27	97 276	59 924,025	1 824 732,873	30,451	29,990
40	28	97 139	59 100,397	1 764 808,849	29,861	29,401
41	29	96 989	58 281,140	1 705 708,452	29,267	28,807
42	30	96 829	57 466,295	1 647 427,312	28,668	28,207
43	31	96 653	56 653,991	1 589 961,017	28,064	27,604
44	32	96 452	55 837,911	1 533 307,026	27,460	27,000
45	33	96 226	55 019,330	1 477 469,115	26,854	26,393
46	34	95 978	54 199,893	1 422 449,784	26,245	25,784
47	35	95 700	53 375,667	1 368 249,892	25,634	25,174
48	36	95 385	52 543,623	1 314 874,225	25,024	24,564
49	37	95 034	51 703,914	1 262 330,602	24,415	23,954
50	38	94 643	50 855,427	1 210 626,688	23,805	23,345
51	39	94 212	49 998,783	1 159 771,261	23,196	22,736
52	40	93 704	49 115,375	1 109 772,478	22,595	22,135
53	41	93 169	48 232,088	1 060 657,103	21,991	21,530
54	42	92 581	47 335,719	1 012 425,015	21,388	20,928
55	43	91 926	46 420,446	965 089,296	20,790	20,330
56	44	91 210	45 490,518	918 668,850	20,195	19,734
57	45	90 443	44 551,317	873 178,332	19,599	19,139
58	46	89 602	43 591,904	828 627,015	19,009	18,548
59	47	88 689	42 614,974	785 035,111	18,422	17,961
60	48	87 699	41 619,044	742 420,137	17,838	17,378
61	49	86 634	40 606,132	700 801,093	17,259	16,798
62	50	85 490	39 575,446	660 194,961	16,682	16,222
63	51	84 280	38 533,190	620 619,514	16,106	15,646
64	52	83 010	37 484,353	582 086,325	15,529	15,068
65	53	81 616	36 399,523	544 601,972	14,962	14,501
66	54	80 145	35 302,318	508 202,450	14,396	13,935
67	55	78 568	34 180,330	472 900,132	13,835	13,375
68	56	76 889	33 037,276	438 719,801	13,280	12,819
69	57	75 133	31 883,878	405 682,526	12,724	12,263
70	58	73 265	30 707,543	373 798,648	12,173	11,712
71	59	71 281	29 507,142	343 091,105	11,627	11,167
72	60	69 176	28 282,199	313 583,964	11,088	10,627
73	61	66 938	27 029,352	285 301,765	10,555	10,095
74	62	64 567	25 749,966	258 272,413	10,030	9,570
75	63	61 987	24 415,761	232 522,446	9,523	9,063
76	64	59 264	23 055,154	208 106,685	9,026	8,566
77	65	56 380	21 662,480	185 051,531	8,542	8,082
78	66	53 325	20 235,633	163 389,051	8,074	7,614
79	67	50 076	18 768,224	143 153,419	7,627	7,167
80	68	46 699	17 286,249	124 385,195	7,196	6,735
81	69	43 237	15 807,200	107 098,945	6,775	6,315
82	70	39 661	14 320,922	91 291,745	6,375	5,914
83	71	36 052	12 856,994	76 970,823	5,987	5,526
84	72	32 459	11 432,892	64 113,829	5,608	5,147
85	73	28 848	10 035,566	52 680,937	5,249	4,789
86	74	25 296	8 691,252	42 645,370	4,907	4,446
87	75	21 824	7 405,633	33 954,118	4,585	4,125
88	76	18 467	6 189,259	26 548,485	4,289	3,829
89	77	15 343	5 078,741	20 359,226	4,009	3,548
90	78	12 423	4 061,217	15 280,485	3,763	3,302
91	79	9 908	3 199,154	11 219,268	3,507	3,047
92	80	7 640	2 436,503	8 020,114	3,292	2,831
93	81	5 737	1 807,029	5 583,612	3,090	2,630
94	82	4 182	1 300,911	3 776,583	2,903	2,443
95	83	2 950	906,197	2 475,672	2,732	2,272
96	84	2 010	609,922	1 569,475	2,573	2,113
97	85	1 319	395,221	959,553	2,428	1,967
98	86	831	245,979	564,332	2,294	1,834
99	87	502	146,661	318,353	2,171	1,710
100	88	289	83,402	171,691	2,059	1,598

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	37	94 694	50 882,583	1 215 575,847	23,890	23,429
1							51	38	94 264	50 026,633	1 164 693,264	23,281	22,821
2							52	39	93 766	49 147,888	1 114 666,631	22,680	22,219
3							53	40	93 235	48 266,175	1 065 518,742	22,076	21,616
4							54	41	92 655	47 373,689	1 017 252,567	21,473	21,013
5							55	42	92 007	46 461,801	969 878,879	20,875	20,414
6							56	43	91 304	45 537,146	923 417,078	20,278	19,818
7							57	44	90 545	44 601,411	877 879,932	19,683	19,222
8							58	45	89 716	43 647,303	833 278,521	19,091	18,631
9							59	46	88 814	42 675,108	789 631,218	18,503	18,043
10							60	47	87 843	41 687,207	746 956,110	17,918	17,458
11							61	48	86 788	40 678,069	705 268,903	17,338	16,877
12							62	49	85 667	39 657,046	664 590,834	16,758	16,298
13	0	99 461	84 628,390	3 703 955,886	43,767	43,307	63	50	84 466	38 618,266	624 933,788	16,182	15,722
14	1	99 136	83 310,842	3 619 327,496	43,444	42,983	64	51	83 214	37 576,294	586 315,522	15,603	15,143
15	2	99 095	82 248,247	3 536 016,654	42,992	42,532	65	52	81 840	36 499,728	548 739,228	15,034	14,574
16	3	99 063	81 206,278	3 453 768,408	42,531	42,070	66	53	80 386	35 408,776	512 239,500	14,466	14,006
17	4	99 026	80 173,943	3 372 562,130	42,066	41,605	67	54	78 819	34 289,757	476 830,724	13,906	13,446
18	5	98 981	79 147,881	3 292 388,187	41,598	41,138	68	55	77 163	33 154,748	442 540,968	13,348	12,887
19	6	98 923	78 125,212	3 213 240,305	41,129	40,669	69	56	75 417	32 004,605	409 386,220	12,791	12,331
20	7	98 866	77 116,280	3 135 115,093	40,654	40,194	70	57	73 559	30 830,760	377 381,614	12,240	11,780
21	8	98 804	76 116,726	3 057 998,813	40,175	39,715	71	58	71 597	29 637,913	346 550,854	11,693	11,232
22	9	98 744	75 130,854	2 981 882,087	39,689	39,229	72	59	69 504	28 416,381	316 912,941	11,152	10,692
23	10	98 684	74 158,766	2 906 751,233	39,196	38,736	73	60	67 301	27 175,812	288 496,559	10,616	10,156
24	11	98 626	73 199,740	2 832 592,467	38,697	38,236	74	61	64 940	25 898,799	261 320,747	10,090	9,630
25	12	98 563	72 249,807	2 759 392,727	38,192	37,732	75	62	62 380	24 570,745	235 421,948	9,581	9,121
26	13	98 501	71 312,890	2 687 142,920	37,681	37,221	76	63	59 666	23 211,550	210 851,203	9,084	8,624
27	14	98 435	70 385,255	2 615 830,030	37,164	36,704	77	64	56 798	21 822,865	187 639,653	8,598	8,138
28	15	98 362	69 464,770	2 545 444,775	36,644	36,183	78	65	53 745	20 394,914	165 816,788	8,130	7,670
29	16	98 290	68 557,328	2 475 980,005	36,115	35,655	79	66	50 508	18 930,157	145 421,873	7,682	7,222
30	17	98 210	67 656,003	2 407 422,676	35,583	35,123	80	67	47 129	17 445,568	126 491,716	7,251	6,790
31	18	98 132	66 767,270	2 339 766,673	35,044	34,583	81	68	43 661	15 962,203	109 046,148	6,832	6,371
32	19	98 039	65 880,864	2 272 999,403	34,502	34,041	82	69	40 087	14 474,665	93 083,945	6,431	5,970
33	20	97 947	65 006,260	2 207 118,538	33,952	33,492	83	70	36 475	13 007,948	78 609,280	6,043	5,583
34	21	97 851	64 140,464	2 142 112,278	33,397	32,937	84	71	32 883	11 582,036	65 601,332	5,664	5,204
35	22	97 752	63 285,111	2 077 971,814	32,835	32,375	85	72	29 272	10 182,993	54 019,296	5,305	4,844
36	23	97 648	62 437,301	2 014 686,703	32,267	31,807	86	73	25 714	8 834,918	43 836,303	4,962	4,501
37	24	97 540	61 598,068	1 952 249,402	31,693	31,233	87	74	22 238	7 546,046	35 001,385	4,638	4,178
38	25	97 428	60 767,585	1 890 651,333	31,113	30,652	88	75	18 872	6 324,980	27 455,338	4,341	3,880
39	26	97 299	59 938,210	1 829 883,749	30,530	30,069	89	76	15 728	5 206,257	21 130,358	4,059	3,598
40	27	97 165	59 116,279	1 769 945,539	29,940	29,480	90	77	12 777	4 177,020	15 924,101	3,812	3,352
41	28	97 014	58 295,881	1 710 829,260	29,347	28,887	91	78	10 236	3 305,144	11 747,082	3,554	3,094
42	29	96 857	57 482,788	1 652 533,379	28,748	28,288	92	79	7 928	2 528,295	8 441,938	3,339	2,879
43	30	96 681	56 670,031	1 595 050,591	28,146	27,686	93	80	5 987	1 885,790	5 913,643	3,136	2,676
44	31	96 481	55 854,780	1 538 380,560	27,543	27,082	94	81	4 391	1 365,915	4 027,853	2,949	2,488
45	32	96 260	55 038,840	1 482 525,780	26,936	26,476	95	82	3 122	959,085	2 661,938	2,775	2,315
46	33	96 013	54 219,717	1 427 486,940	26,328	25,867	96	83	2 144	650,730	1 702,853	2,617	2,156
47	34	95 740	53 398,349	1 373 267,223	25,717	25,257	97	84	1 422	426,030	1 052,123	2,470	2,009
48	35	95 423	52 564,531	1 319 868,874	25,109	24,649	98	85	906	268,171	626,093	2,335	1,874
49	36	95 079	51 728,496	1 267 304,343	24,499	24,039	99	86	554	161,918	357,921	2,211	1,750
							100	87	324	93,531	196,004	2,096	1,635

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	36	94 739	50 906,774	1 220 107,489	23,967	23,507
1							51	37	94 315	50 053,346	1 169 200,714	23,359	22,899
2							52	38	93 818	49 175,265	1 119 147,368	22,758	22,298
3							53	39	93 297	48 298,127	1 069 972,103	22,153	21,693
4							54	40	92 720	47 407,169	1 021 673,977	21,551	21,091
5							55	41	92 081	46 499,070	974 266,808	20,952	20,492
6							56	42	91 385	45 577,714	927 767,738	20,356	19,895
7							57	43	90 638	44 647,127	882 190,024	19,759	19,299
8							58	44	89 817	43 696,381	837 542,897	19,167	18,707
9							59	45	88 927	42 729,341	793 846,516	18,578	18,118
10							60	46	87 966	41 746,032	751 117,175	17,993	17,532
11							61	47	86 930	40 744,691	709 371,143	17,410	16,950
12							62	48	85 819	39 727,301	668 626,452	16,830	16,370
13							63	49	84 640	38 697,892	628 899,151	16,252	15,791
14	0	99 450	83 574,326	3 624 551,048	43,369	42,909	64	50	83 398	37 659,257	590 201,258	15,672	15,212
15	1	99 121	82 269,963	3 540 976,722	43,041	42,581	65	51	82 041	36 589,254	552 542,001	15,101	14,641
16	2	99 077	81 218,374	3 458 706,759	42,585	42,125	66	52	80 608	35 506,254	515 952,747	14,531	14,071
17	3	99 037	80 182,903	3 377 488,385	42,122	41,662	67	53	79 057	34 393,161	480 446,493	13,969	13,509
18	4	98 992	79 157,315	3 297 305,482	41,655	41,195	68	54	77 410	33 260,891	446 053,332	13,411	12,950
19	5	98 933	78 133,110	3 218 148,167	41,188	40,728	69	55	75 685	32 118,406	412 792,441	12,852	12,392
20	6	98 875	77 122,996	3 140 015,057	40,714	40,254	70	56	73 838	30 947,501	380 674,035	12,301	11,840
21	7	98 813	76 123,260	3 062 892,061	40,236	39,776	71	57	71 884	29 756,838	349 726,534	11,753	11,292
22	8	98 751	75 136,387	2 986 768,801	39,751	39,291	72	58	69 812	28 542,319	319 969,696	11,210	10,750
23	9	98 691	74 163,882	2 911 632,414	39,259	38,799	73	59	67 620	27 304,746	291 427,377	10,673	10,213
24	10	98 633	73 204,935	2 837 468,532	38,761	38,300	74	60	65 292	26 039,133	264 122,631	10,143	9,683
25	11	98 571	72 255,585	2 764 263,596	38,257	37,796	75	61	62 741	24 712,762	238 083,497	9,634	9,174
26	12	98 509	71 318,631	2 692 008,011	37,746	37,286	76	62	60 045	23 358,890	213 370,736	9,134	8,674
27	13	98 443	70 391,560	2 620 689,380	37,230	36,770	77	63	57 183	21 970,902	190 011,846	8,648	8,188
28	14	98 372	69 472,300	2 550 297,820	36,710	36,249	78	64	54 142	20 545,915	168 040,944	8,179	7,718
29	15	98 302	68 565,953	2 480 825,519	36,182	35,721	79	65	50 906	19 079,163	147 495,029	7,731	7,270
30	16	98 225	67 666,415	2 412 259,566	35,649	35,189	80	66	47 536	17 596,089	128 415,866	7,298	6,838
31	17	98 148	66 777,986	2 344 593,151	35,110	34,650	81	67	44 063	16 109,319	110 819,777	6,879	6,419
32	18	98 062	65 895,916	2 277 815,165	34,567	34,106	82	68	40 480	14 616,601	94 710,458	6,480	6,019
33	19	97 967	65 019,689	2 211 919,249	34,019	33,559	83	69	36 867	13 147,595	80 093,857	6,092	5,632
34	20	97 872	64 154,705	2 146 899,559	33,464	33,004	84	70	33 269	11 718,021	66 946,262	5,713	5,253
35	21	97 773	63 298,359	2 082 744,854	32,904	32,443	85	71	29 654	10 315,832	55 228,241	5,354	4,893
36	22	97 670	62 451,311	2 019 446,495	32,336	31,876	86	72	26 092	8 964,707	44 912,409	5,010	4,550
37	23	97 562	61 612,152	1 956 995,184	31,763	31,303	87	73	22 605	7 670,782	35 947,702	4,686	4,226
38	24	97 448	60 779,871	1 895 383,032	31,184	30,724	88	74	19 230	6 444,904	28 276,920	4,387	3,927
39	25	97 321	59 951,398	1 834 603,162	30,602	30,141	89	75	16 073	5 320,422	21 832,016	4,103	3,643
40	26	97 188	59 130,273	1 774 651,764	30,013	29,552	90	76	13 098	4 281,895	16 511,594	3,856	3,396
41	27	97 040	58 311,547	1 715 521,491	29,420	28,960	91	77	10 528	3 399,388	12 229,699	3,598	3,137
42	28	96 881	57 497,327	1 657 209,944	28,822	28,362	92	78	8 191	2 612,059	8 830,311	3,381	2,920
43	29	96 708	56 686,295	1 599 712,617	28,220	27,760	93	79	6 213	1 956,835	6 218,252	3,178	2,717
44	30	96 508	55 870,594	1 543 026,322	27,618	27,157	94	80	4 582	1 425,450	4 261,417	2,990	2,529
45	31	96 289	55 055,468	1 487 155,729	27,012	26,552	95	81	3 278	1 007,009	2 835,967	2,816	2,356
46	32	96 047	54 238,944	1 432 100,261	26,404	25,943	96	82	2 270	688,709	1 828,959	2,656	2,195
47	33	95 775	53 417,880	1 377 861,317	25,794	25,334	97	83	1 517	454,535	1 140,250	2,509	2,048
48	34	95 464	52 586,869	1 324 443,436	25,186	24,725	98	84	977	289,076	685,715	2,372	1,912
49	35	95 117	51 749,079	1 271 856,568	24,577	24,117	99	85	604	176,526	396,639	2,247	1,787
							100	86	358	103,260	220,113	2,132	1,671

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15	0	99 435	82 530,155	3 545 787,009	42,964	42,503
16	1	99 104	81 239,819	3 463 256,854	42,630	42,170
17	2	99 052	80 194,847	3 382 017,035	42,172	41,712
18	3	99 003	79 166,161	3 301 822,188	41,707	41,247
19	4	98 945	78 142,423	3 222 656,027	41,241	40,780
20	5	98 885	77 130,792	3 144 513,605	40,769	40,308
21	6	98 821	76 129,890	3 067 382,812	40,291	39,831
22	7	98 759	75 142,837	2 991 252,923	39,808	39,347
23	8	98 698	74 169,345	2 916 110,086	39,317	38,857
24	9	98 640	73 209,986	2 841 940,741	38,819	38,359
25	10	98 578	72 260,714	2 768 730,756	38,316	37,855
26	11	98 516	71 324,335	2 696 470,042	37,806	37,345
27	12	98 451	70 397,227	2 625 145,707	37,290	36,830
28	13	98 381	69 478,524	2 554 748,480	36,770	36,310
29	14	98 313	68 573,386	2 485 269,956	36,242	35,782
30	15	98 238	67 674,928	2 416 696,570	35,710	35,250
31	16	98 163	66 788,263	2 349 021,642	35,171	34,711
32	17	98 077	65 906,492	2 282 233,379	34,628	34,168
33	18	97 990	65 034,544	2 216 326,887	34,079	33,619
34	19	97 892	64 167,958	2 151 292,343	33,526	33,066
35	20	97 795	63 312,414	2 087 124,385	32,965	32,505
36	21	97 691	62 464,384	2 023 811,971	32,399	31,939
37	22	97 584	61 625,976	1 961 347,587	31,827	31,366
38	23	97 470	60 793,767	1 899 721,611	31,249	30,788
39	24	97 340	59 963,519	1 838 927,844	30,667	30,207
40	25	97 209	59 143,283	1 778 964,325	30,079	29,619
41	26	97 063	58 325,350	1 719 821,042	29,487	29,026
42	27	96 907	57 512,778	1 661 495,692	28,889	28,429
43	28	96 733	56 700,633	1 603 982,914	28,289	27,828
44	29	96 536	55 886,629	1 547 282,281	27,686	27,226
45	30	96 316	55 071,055	1 491 395,652	27,081	26,621
46	31	96 076	54 255,330	1 436 324,597	26,473	26,013
47	32	95 809	53 436,822	1 382 069,267	25,864	25,403
48	33	95 499	52 606,103	1 328 632,445	25,256	24,796
49	34	95 158	51 771,070	1 276 026,341	24,647	24,187
50	35	94 776	50 927,031	1 224 255,271	24,039	23,579
51	36	94 360	50 077,143	1 173 328,240	23,430	22,970
52	37	93 869	49 201,523	1 123 251,097	22,830	22,369
53	38	93 349	48 325,030	1 074 049,574	22,226	21,765
54	39	92 782	47 438,552	1 025 724,544	21,622	21,162
55	40	92 146	46 531,932	978 285,992	21,024	20,564
56	41	91 458	45 614,273	931 754,060	20,427	19,966
57	42	90 719	44 686,902	886 139,787	19,830	19,370
58	43	89 909	43 741,169	841 452,885	19,237	18,777
59	44	89 027	42 777,387	797 711,715	18,648	18,188
60	45	88 078	41 799,085	754 934,329	18,061	17,601
61	46	87 052	40 802,186	713 135,244	17,478	17,017
62	47	85 959	39 792,367	672 333,058	16,896	16,436
63	48	84 790	38 766,448	632 540,691	16,317	15,856
64	49	83 570	37 736,907	593 774,243	15,735	15,274
65	50	82 222	36 670,038	556 037,337	15,163	14,703
66	51	80 805	35 593,343	519 367,298	14,592	14,131
67	52	79 274	34 487,843	483 773,955	14,027	13,567
68	53	77 643	33 361,193	449 286,112	13,467	13,007
69	54	75 928	32 221,231	415 924,919	12,908	12,448
70	55	74 100	31 057,543	383 703,688	12,355	11,894
71	56	72 156	29 869,512	352 646,145	11,806	11,346
72	57	70 092	28 656,848	322 776,633	11,264	10,803
73	58	67 920	27 425,757	294 119,785	10,724	10,264
74	59	65 602	26 162,674	266 694,028	10,194	9,733
75	60	63 081	24 846,669	240 531,354	9,681	9,220
76	61	60 392	23 493,902	215 684,685	9,180	8,720
77	62	57 546	22 110,366	192 190,782	8,692	8,232
78	63	54 510	20 685,289	170 080,416	8,222	7,762
79	64	51 283	19 220,422	149 395,127	7,773	7,312
80	65	47 910	17 734,594	130 174,705	7,340	6,880
81	66	44 443	16 248,311	112 440,111	6,920	6,460
82	67	40 853	14 751,315	96 191,800	6,521	6,061
83	68	37 228	13 276,518	81 440,485	6,134	5,674
84	69	33 626	11 843,820	68 163,967	5,755	5,295
85	70	30 002	10 436,950	56 320,147	5,396	4,936
86	71	26 432	9 081,653	45 883,197	5,052	4,592
87	72	22 937	7 783,469	36 801,544	4,728	4,268
88	73	19 548	6 551,438	29 018,074	4,429	3,969
89	74	16 378	5 421,299	22 466,636	4,144	3,684
90	75	13 385	4 375,791	17 045,337	3,895	3,435
91	76	10 792	3 484,739	12 669,546	3,636	3,175
92	77	8 424	2 686,540	9 184,808	3,419	2,958
93	78	6 419	2 021,666	6 498,268	3,214	2,754
94	79	4 755	1 479,152	4 476,602	3,026	2,566
95	80	3 420	1 050,900	2 997,450	2,852	2,392
96	81	2 383	723,122	1 946,550	2,692	2,231
97	82	1 605	481,063	1 223,427	2,543	2,083
98	83	1 042	308,417	742,365	2,407	1,947
99	84	651	190,287	433,947	2,280	1,820
100	85	390	112,577	243,661	2,164	1,704

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16	0	99 417	81 496,753	3 467 688,855	42,550	42,090
17	1	99 078	80 216,021	3 386 192,103	42,213	41,753
18	2	99 018	79 177,954	3 305 976,082	41,754	41,293
19	3	98 956	78 151,155	3 226 798,128	41,289	40,829
20	4	98 896	77 139,986	3 148 646,973	40,817	40,357
21	5	98 831	76 137,585	3 071 506,987	40,342	39,881
22	6	98 768	75 149,381	2 995 369,402	39,859	39,398
23	7	98 707	74 175,711	2 920 220,021	39,369	38,909
24	8	98 647	73 215,378	2 846 044,310	38,872	38,412
25	9	98 584	72 265,699	2 772 828,932	38,370	37,910
26	10	98 523	71 329,397	2 700 563,233	37,860	37,400
27	11	98 459	70 402,857	2 629 233,836	37,346	36,885
28	12	98 389	69 484,117	2 558 830,979	36,826	36,366
29	13	98 322	68 579,529	2 489 346,862	36,299	35,838
30	14	98 248	67 682,264	2 420 767,333	35,767	35,306
31	15	98 175	66 796,665	2 353 085,069	35,228	34,767
32	16	98 093	65 916,635	2 286 288,404	34,685	34,224
33	17	98 005	65 044,982	2 220 371,769	34,136	33,676
34	18	97 915	64 182,619	2 155 326,787	33,581	33,121
35	19	97 815	63 325,493	2 091 144,168	33,022	32,562
36	20	97 712	62 478,254	2 027 818,675	32,456	31,996
37	21	97 605	61 638,877	1 965 340,422	31,885	31,424
38	22	97 492	60 807,408	1 903 701,545	31,307	30,847
39	23	97 363	59 977,228	1 842 894,137	30,727	30,266
40	24	97 229	59 155,240	1 782 916,909	30,140	29,679
41	25	97 084	58 338,183	1 723 761,668	29,548	29,087
42	26	96 930	57 526,393	1 665 423,485	28,951	28,490
43	27	96 759	56 715,870	1 607 897,092	28,350	27,890
44	28	96 560	55 900,764	1 551 181,223	27,749	27,288
45	29	96 344	55 086,860	1 495 280,458	27,144	26,684
46	30	96 103	54 270,690	1 440 193,598	26,537	26,077
47	31	95 838	53 452,966	1 385 922,907	25,928	25,468
48	32	95 533	52 624,757	1 332 469,941	25,320	24,860
49	33	95 192	51 790,006	1 279 845,184	24,712	24,252
50	34	94 817	50 948,672	1 228 055,177	24,104	23,643
51	35	94 397	50 097,070	1 177 106,505	23,497	23,036
52	36	93 913	49 224,916	1 127 009,435	22,895	22,435
53	37	93 399	48 350,834	1 077 784,519	22,291	21,831
54	38	92 834	47 464,976	1 029 433,685	21,688	21,228
55	39	92 207	46 562,735	981 968,709	21,089	20,629
56	40	91 523	45 646,510	935 405,973	20,492	20,032
57	41	90 792	44 722,747	889 759,463	19,895	19,435
58	42	89 989	43 780,137	845 036,716	19,302	18,841
59	43	89 118	42 821,233	801 256,579	18,712	18,251
60	44	88 177	41 846,085	758 435,346	18,124	17,664
61	45	87 163	40 854,039	716 589,261	17,540	17,080
62	46	86 080	39 848,518	675 735,222	16,958	16,497
63	47	84 929	38 829,939	635 886,705	16,376	15,916
64	48	83 718	37 803,760	597 056,765	15,794	15,333
65	49	82 392	36 745,648	559 253,005	15,220	14,759
66	50	80 984	35 671,928	522 507,357	14,648	14,187
67	51	79 469	34 572,435	486 835,429	14,082	13,621
68	52	77 857	33 453,034	452 262,994	13,519	13,059
69	53	76 157	32 318,398	418 809,960	12,959	12,498
70	54	74 337	31 156,971	386 491,562	12,405	11,944
71	55	72 413	29 975,721	355 334,591	11,854	11,394
72	56	70 358	28 765,357	325 358,870	11,311	10,850
73	57	68 192	27 535,806	296 593,513	10,771	10,311
74	58	65 892	26 278,624	269 057,707	10,239	9,778
75	59	63 380	24 964,552	242 779,084	9,725	9,265
76	60	60 719	23 621,205	217 814,531	9,221	8,761
77	61	57 878	22 238,163	194 193,326	8,732	8,272
78	62	54 856	20 816,593	171 955,163	8,260	7,800
79	63	51 631	19 350,805	151 138,570	7,810	7,350
80	64	48 264	17 865,898	131 787,765	7,376	6,916
81	65	44 793	16 376,207	113 921,867	6,957	6,496
82	66	41 205	14 878,590	97 545,660	6,556	6,096
83	67	37 571	13 398,881	82 667,070	6,170	5,709
84	68	33 956	11 959,959	69 268,189	5,792	5,331
85	69	30 324	10 548,996	57 308,231	5,433	4,972
86	70	26 743	9 188,281	46 759,234	5,089	4,629
87	71	23 236	7 885,006	37 570,954	4,765	4,304
88	72	19 835	6 647,682	29 685,948	4,466	4,005
89	73	16 649	5 510,913	23 038,266	4,180	3,720
90	74	13 639	4 458,757	17 527,353	3,931	3,471
91	75	11 029	3 561,154	13 068,596	3,670	3,209
92	76	8 636	2 753,993	9 507,443	3,452	2,992
93	77	6 602	2 079,312	6 753,450	3,248	2,788
94	78	4 912	1 528,158	4 674,137	3,059	2,598
95	79	3 549	1 090,491	3 145,980	2,885	2,425
96	80	2 487	754,640	2 055,488	2,724	2,263
97	81	1 685	505,100	1 300,848	2,575	2,115
98	82	1 103	326,418	795,748	2,438	1,977
99	83	694	203,018	469,330	2,312	1,851
100	84	420	121,352	266,312	2,195	1,734

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	33	94 851	50 967,308	1 231 535,807	24,163	23,703
1							51	34	94 437	50 118,359	1 180 568,499	23,556	23,095
2							52	35	93 951	49 244,503	1 130 450,141	22,956	22,495
3							53	36	93 443	48 373,822	1 081 205,638	22,351	21,891
4							54	37	92 883	47 490,321	1 032 831,816	21,748	21,288
5							55	38	92 259	46 588,672	985 341,495	21,150	20,689
6							56	39	91 583	45 676,728	938 752,823	20,552	20,092
7							57	40	90 856	44 754,354	893 076,095	19,955	19,495
8							58	41	90 061	43 815,255	848 321,741	19,361	18,901
9							59	42	89 198	42 859,382	804 506,486	18,771	18,310
10							60	43	88 268	41 888,976	761 647,105	18,183	17,722
11							61	44	87 261	40 899,976	719 758,128	17,598	17,138
12							62	45	86 190	39 899,159	678 858,152	17,014	16,554
13							63	46	85 048	38 884,732	638 958,993	16,432	15,972
14							64	47	83 855	37 865,675	600 074,261	15,847	15,387
15							65	48	82 538	36 810,745	562 208,586	15,273	14,813
16							66	49	81 151	35 745,480	525 397,841	14,698	14,238
17	0	99 391	80 469,717	3 390 277,817	42,131	41,671	67	50	79 644	34 648,766	489 652,361	14,132	13,671
18	1	99 044	79 198,859	3 309 808,100	41,791	41,331	68	51	78 048	33 535,087	455 003,595	13,568	13,108
19	2	98 970	78 162,797	3 230 609,241	41,332	40,871	69	52	76 366	32 407,368	421 468,508	13,005	12,545
20	3	98 907	77 148,606	3 152 446,444	40,862	40,402	70	53	74 562	31 250,929	389 061,139	12,450	11,989
21	4	98 843	76 146,660	3 075 297,838	40,387	39,926	71	54	72 645	30 071,687	357 810,211	11,899	11,438
22	5	98 778	75 156,978	2 999 151,178	39,905	39,445	72	55	70 608	28 867,640	327 738,524	11,353	10,893
23	6	98 715	74 182,171	2 923 994,200	39,416	38,956	73	56	68 450	27 640,070	298 870,885	10,813	10,353
24	7	98 655	73 221,662	2 849 812,029	38,920	38,460	74	57	66 157	26 384,069	271 230,815	10,280	9,820
25	8	98 592	72 271,021	2 776 590,367	38,419	37,959	75	58	63 661	25 075,192	244 846,746	9,765	9,304
26	9	98 530	71 334,318	2 704 319,345	37,910	37,450	76	59	61 007	23 733,275	219 771,554	9,260	8,800
27	10	98 466	70 407,854	2 632 985,027	37,396	36,936	77	60	58 192	22 358,661	196 038,280	8,768	8,308
28	11	98 397	69 489,674	2 562 577,173	36,877	36,417	78	61	55 173	20 936,911	173 679,618	8,295	7,835
29	12	98 330	68 585,050	2 493 087,499	36,350	35,890	79	62	51 958	19 473,638	152 742,707	7,844	7,383
30	13	98 257	67 688,327	2 424 502,449	35,819	35,358	80	63	48 592	17 987,092	133 269,069	7,409	6,949
31	14	98 186	66 803,906	2 356 814,122	35,280	34,819	81	64	45 125	16 497,454	115 281,977	6,988	6,527
32	15	98 105	65 924,928	2 290 010,216	34,737	34,276	82	65	41 530	14 995,705	98 784,523	6,588	6,127
33	16	98 020	65 054,992	2 224 085,288	34,188	33,727	83	66	37 895	13 514,487	83 788,819	6,200	5,740
34	17	97 931	64 192,920	2 159 030,296	33,633	33,173	84	67	34 269	12 070,187	70 274,331	5,822	5,362
35	18	97 837	63 339,961	2 094 837,377	33,073	32,613	85	68	30 622	10 652,438	58 204,144	5,464	5,004
36	19	97 733	62 491,161	2 031 497,416	32,509	32,048	86	69	27 030	9 286,922	47 551,706	5,120	4,660
37	20	97 626	61 652,563	1 969 006,255	31,937	31,477	87	70	23 509	7 977,584	38 264,784	4,797	4,336
38	21	97 512	60 820,137	1 907 353,693	31,361	30,900	88	71	20 094	6 734,402	30 287,200	4,497	4,037
39	22	97 385	59 990,686	1 846 533,556	30,780	30,320	89	72	16 893	5 591,871	23 552,798	4,212	3,752
40	23	97 251	59 168,765	1 786 542,870	30,194	29,734	90	73	13 864	4 532,460	17 960,928	3,963	3,502
41	24	97 104	58 349,978	1 727 374,104	29,604	29,143	91	74	11 238	3 628,674	13 428,467	3,701	3,240
42	25	96 951	57 539,050	1 669 024,126	29,007	28,546	92	75	8 825	2 814,384	9 799,793	3,482	3,022
43	26	96 782	56 729,296	1 611 485,076	28,407	27,946	93	76	6 767	2 131,519	6 985,409	3,277	2,817
44	27	96 586	55 915,786	1 554 755,781	27,805	27,345	94	77	5 053	1 571,732	4 853,890	3,088	2,628
45	28	96 368	55 100,794	1 498 839,994	27,202	26,741	95	78	3 667	1 126,620	3 282,159	2,913	2,453
46	29	96 131	54 286,266	1 443 739,201	26,595	26,135	96	79	2 581	783,070	2 155,538	2,753	2,292
47	30	95 865	53 468,100	1 389 452,934	25,987	25,526	97	80	1 759	527,116	1 372,468	2,604	2,143
48	31	95 561	52 640,656	1 335 984,835	25,379	24,919	98	81	1 158	342,728	845,352	2,467	2,006
49	32	95 226	51 808,371	1 283 344,179	24,771	24,311	99	82	735	214,867	502,624	2,339	1,879
							100	83	448	129,472	287,757	2,223	1,762

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	32	94 885	50 985,381	1 234 725,417	24,217	23,757
1							51	33	94 472	50 136,691	1 183 740,036	23,610	23,150
2							52	34	93 990	49 265,430	1 133 603,346	23,010	22,550
3							53	35	93 480	48 393,070	1 084 337,916	22,407	21,946
4							54	36	92 927	47 512,900	1 035 944,846	21,803	21,343
5							55	37	92 308	46 613,549	988 431,946	21,205	20,744
6							56	38	91 634	45 702,171	941 818,397	20,608	20,147
7							57	39	90 916	44 783,981	896 116,226	20,010	19,549
8							58	40	90 125	43 846,220	851 332,245	19,416	18,956
9							59	41	89 269	42 893,761	807 486,025	18,825	18,365
10							60	42	88 346	41 926,294	764 592,264	18,237	17,776
11							61	43	87 350	40 941,898	722 665,970	17,651	17,191
12							62	44	86 287	39 944,022	681 724,072	17,067	16,607
13							63	45	85 156	38 934,149	641 780,050	16,484	16,023
14							64	46	83 973	37 919,107	602 845,901	15,898	15,438
15							65	47	82 673	36 871,034	564 926,794	15,322	14,861
16							66	48	81 295	35 808,805	528 055,760	14,747	14,286
17							67	49	79 809	34 720,208	492 246,955	14,178	13,717
18	0	99 358	79 449,338	3 313 576,686	41,707	41,246	68	50	78 220	33 609,128	457 526,747	13,613	13,153
19	1	98 997	78 183,434	3 234 127,348	41,366	40,906	69	51	76 553	32 486,857	423 917,619	13,049	12,589
20	2	98 922	77 160,098	3 155 943,914	40,901	40,441	70	52	74 767	31 336,960	391 430,762	12,491	12,031
21	3	98 854	76 155,169	3 078 783,815	40,428	39,967	71	53	72 864	30 162,371	360 093,801	11,939	11,478
22	4	98 790	75 165,936	3 002 628,646	39,947	39,486	72	54	70 834	28 960,058	329 931,430	11,393	10,932
23	5	98 725	74 189,670	2 927 462,710	39,459	38,999	73	55	68 694	27 738,351	300 971,373	10,850	10,390
24	6	98 664	73 228,039	2 853 273,040	38,964	38,504	74	56	66 407	26 483,972	273 233,022	10,317	9,857
25	7	98 600	72 277,225	2 780 045,000	38,464	38,003	75	57	63 916	25 175,808	246 749,050	9,801	9,341
26	8	98 537	71 339,572	2 707 767,776	37,956	37,496	76	58	61 277	23 838,457	221 573,241	9,295	8,834
27	9	98 473	70 412,711	2 636 428,204	37,443	36,982	77	59	58 468	22 464,740	197 734,784	8,802	8,342
28	10	98 404	69 494,606	2 566 015,493	36,924	36,464	78	60	55 472	21 050,359	175 270,044	8,326	7,866
29	11	98 338	68 590,535	2 496 520,887	36,397	35,937	79	61	52 259	19 586,194	154 219,684	7,874	7,414
30	12	98 265	67 693,777	2 427 930,351	35,866	35,406	80	62	48 900	18 101,269	134 633,490	7,438	6,977
31	13	98 194	66 809,891	2 360 236,575	35,328	34,867	81	63	45 431	16 609,365	116 532,222	7,016	6,556
32	14	98 116	65 932,074	2 293 426,684	34,785	34,324	82	64	41 837	15 106,730	99 922,856	6,614	6,154
33	15	98 033	65 063,176	2 227 494,610	34,236	33,775	83	65	38 194	13 620,865	84 816,126	6,227	5,767
34	16	97 946	64 202,799	2 162 431,434	33,681	33,221	84	66	34 564	12 174,330	71 195,262	5,848	5,388
35	17	97 853	63 350,127	2 098 228,635	33,121	32,661	85	67	30 904	10 750,616	59 020,932	5,490	5,030
36	18	97 755	62 505,438	2 034 878,509	32,555	32,095	86	68	27 295	9 377,988	48 270,316	5,147	4,687
37	19	97 647	61 665,299	1 972 373,071	31,985	31,525	87	69	23 762	8 063,227	38 892,328	4,823	4,363
38	20	97 534	60 833,641	1 910 707,772	31,409	30,948	88	70	20 330	6 813,470	30 829,101	4,525	4,064
39	21	97 405	60 003,244	1 849 874,131	30,830	30,369	89	71	17 114	5 664,818	24 015,630	4,239	3,779
40	22	97 273	59 182,042	1 789 870,886	30,243	29,783	90	72	14 068	4 599,044	18 350,813	3,990	3,530
41	23	97 126	58 363,319	1 730 688,845	29,654	29,193	91	73	11 424	3 688,656	13 751,769	3,728	3,268
42	24	96 971	57 550,683	1 672 325,526	29,058	28,598	92	74	8 993	2 867,745	10 063,113	3,509	3,049
43	25	96 803	56 741,778	1 614 774,843	28,458	27,998	93	75	6 916	2 178,260	7 195,367	3,303	2,843
44	26	96 609	55 929,023	1 558 033,065	27,857	27,397	94	76	5 179	1 611,194	5 017,107	3,114	2,654
45	27	96 394	55 115,601	1 502 104,043	27,254	26,793	95	77	3 772	1 158,745	3 405,913	2,939	2,479
46	28	96 155	54 299,997	1 446 988,442	26,648	26,188	96	78	2 666	809,014	2 247,168	2,778	2,317
47	29	95 893	53 483,445	1 392 688,445	26,040	25,579	97	79	1 825	546,974	1 438,154	2,629	2,169
48	30	95 589	52 655,559	1 339 205,000	25,433	24,973	98	80	1 208	357,666	891,180	2,492	2,031
49	31	95 255	51 824,023	1 286 549,440	24,825	24,365	99	81	772	225,604	533,513	2,365	1,904
							100	82	475	137,028	307,910	2,247	1,787

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	31	94 914	51 000,784	1 237 647,512	24,267	23,807
1							51	32	94 505	50 154,469	1 186 646,728	23,660	23,199
2							52	33	94 025	49 283,449	1 136 492,259	23,060	22,600
3							53	34	93 520	48 413,635	1 087 208,810	22,457	21,996
4							54	35	92 964	47 531,806	1 038 795,174	21,855	21,394
5							55	36	92 352	46 635,711	991 263,368	21,255	20,795
6							56	37	91 683	45 726,574	944 627,657	20,658	20,198
7							57	38	90 966	44 808,926	898 901,083	20,061	19,600
8							58	39	90 184	43 875,246	854 092,157	19,466	19,006
9							59	40	89 332	42 924,075	810 216,911	18,876	18,415
10							60	41	88 417	41 959,925	767 292,836	18,286	17,826
11							61	42	87 428	40 978,372	725 332,911	17,700	17,240
12							62	43	86 375	39 984,964	684 354,538	17,115	16,655
13							63	44	85 252	38 977,927	644 369,574	16,532	16,071
14							64	45	84 080	37 967,296	605 391,647	15,945	15,485
15							65	46	82 789	36 923,062	567 424,351	15,368	14,907
16							66	47	81 428	35 867,453	530 501,288	14,791	14,330
17							67	48	79 950	34 781,717	494 633,835	14,221	13,761
18							68	49	78 382	33 678,427	459 852,119	13,654	13,194
19	0	99 310	78 430,702	3 237 605,299	41,280	40,819	69	50	76 722	32 558,583	426 173,692	13,089	12,629
20	1	98 948	77 180,471	3 159 174,597	40,932	40,472	70	51	74 950	31 413,823	393 615,108	12,530	12,070
21	2	98 869	76 166,514	3 081 994,126	40,464	40,004	71	52	73 065	30 245,406	362 201,285	11,975	11,515
22	3	98 801	75 174,335	3 005 827,612	39,985	39,524	72	53	71 048	29 047,390	331 955,879	11,428	10,968
23	4	98 737	74 198,513	2 930 653,277	39,497	39,037	73	54	68 914	27 827,154	302 908,489	10,885	10,425
24	5	98 674	73 235,442	2 856 454,764	39,004	38,543	74	55	66 643	26 578,143	275 081,336	10,350	9,890
25	6	98 609	72 283,520	2 783 219,322	38,504	38,044	75	56	64 158	25 271,136	248 503,193	9,833	9,373
26	7	98 546	71 345,695	2 710 935,803	37,997	37,537	76	57	61 523	23 934,111	223 232,056	9,327	8,867
27	8	98 480	70 417,897	2 639 590,107	37,485	37,024	77	58	58 727	22 564,301	199 297,945	8,832	8,372
28	9	98 411	69 499,401	2 569 172,210	36,967	36,506	78	59	55 735	21 150,231	176 733,644	8,356	7,896
29	10	98 345	68 595,403	2 499 672,810	36,441	35,980	79	60	52 542	19 692,323	155 583,413	7,901	7,440
30	11	98 273	67 699,191	2 431 077,406	35,910	35,450	80	61	49 183	18 205,893	135 891,090	7,464	7,004
31	12	98 202	66 815,269	2 363 378,216	35,372	34,911	81	62	45 719	16 714,796	117 685,197	7,041	6,580
32	13	98 124	65 937,980	2 296 562,947	34,829	34,369	82	63	42 121	15 209,208	100 970,401	6,639	6,178
33	14	98 043	65 070,229	2 230 624,966	34,280	33,820	83	64	38 477	13 721,711	85 761,194	6,250	5,790
34	15	97 958	64 210,876	2 165 554,737	33,726	33,265	84	65	34 836	12 270,158	72 039,482	5,871	5,411
35	16	97 868	63 359,876	2 101 343,861	33,165	32,705	85	66	31 170	10 843,373	59 769,324	5,512	5,052
36	17	97 771	62 515,469	2 037 983,986	32,600	32,139	86	67	27 547	9 464,420	48 925,951	5,169	4,709
37	18	97 669	61 679,387	1 975 468,516	32,028	31,568	87	68	23 995	8 142,294	39 461,531	4,846	4,386
38	19	97 554	60 846,209	1 913 789,129	31,453	30,993	88	69	20 548	6 886,617	31 319,237	4,548	4,087
39	20	97 427	60 016,567	1 852 942,920	30,874	30,413	89	70	17 315	5 731,328	24 432,621	4,263	3,803
40	21	97 293	59 194,430	1 792 926,353	30,289	29,828	90	71	14 251	4 659,039	18 701,293	4,014	3,554
41	22	97 148	58 376,415	1 733 731,922	29,699	29,239	91	72	11 592	3 742,844	14 042,253	3,752	3,291
42	23	96 993	57 563,841	1 675 355,508	29,104	28,644	92	73	9 141	2 915,149	10 299,409	3,533	3,073
43	24	96 823	56 753,249	1 617 791,667	28,506	28,045	93	74	7 047	2 219,561	7 384,260	3,327	2,867
44	25	96 630	55 941,329	1 561 038,417	27,905	27,445	94	75	5 293	1 646,525	5 164,699	3,137	2,676
45	26	96 417	55 128,648	1 505 097,089	27,302	26,841	95	76	3 866	1 187,838	3 518,174	2,962	2,501
46	27	96 181	54 314,589	1 449 968,441	26,696	26,235	96	77	2 742	832,082	2 330,335	2,801	2,340
47	28	95 917	53 496,973	1 395 653,852	26,088	25,628	97	78	1 886	565,096	1 498,253	2,651	2,191
48	29	95 616	52 670,672	1 342 156,879	25,482	25,022	98	79	1 254	371,141	933,157	2,514	2,054
49	30	95 282	51 838,695	1 289 486,208	24,875	24,415	99	80	805	235,437	562,016	2,387	1,927
							100	81	498	143,875	326,580	2,270	1,809

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	30	94 940	51 015,223	1 240 324,886	24,313	23,852
1							51	31	94 534	50 169,621	1 189 309,663	23,706	23,245
2							52	32	94 058	49 300,925	1 139 140,041	23,106	22,645
3							53	33	93 554	48 431,344	1 089 839,116	22,503	22,042
4							54	34	93 004	47 552,005	1 041 407,773	21,900	21,440
5							55	35	92 389	46 654,268	993 855,768	21,303	20,842
6							56	36	91 727	45 748,314	947 201,500	20,705	20,244
7							57	37	91 015	44 832,853	901 453,185	20,107	19,647
8							58	38	90 235	43 899,686	856 620,332	19,513	19,053
9							59	39	89 391	42 952,490	812 720,647	18,921	18,461
10							60	40	88 480	41 989,579	769 768,157	18,332	17,872
11							61	41	87 498	41 011,243	727 778,578	17,746	17,285
12							62	42	86 452	40 020,586	686 767,335	17,160	16,700
13							63	43	85 340	39 017,879	646 746,749	16,576	16,115
14							64	44	84 174	38 009,987	607 728,870	15,989	15,528
15							65	45	82 895	36 969,986	569 718,882	15,410	14,950
16							66	46	81 543	35 918,065	532 748,896	14,832	14,372
17							67	47	80 081	34 838,682	496 830,831	14,261	13,801
18							68	48	78 520	33 738,090	461 992,149	13,693	13,233
19							69	49	76 881	32 625,716	428 254,059	13,126	12,666
20	0	99 261	77 424,567	3 162 385,978	40,845	40,384	70	50	75 116	31 483,181	395 628,343	12,566	12,106
21	1	98 895	76 186,624	3 084 961,412	40,492	40,032	71	51	73 244	30 319,592	364 145,162	12,010	11,550
22	2	98 815	75 185,534	3 008 774,787	40,018	39,558	72	52	71 243	29 127,355	333 825,570	11,461	11,001
23	3	98 748	74 206,804	2 933 589,254	39,533	39,072	73	53	69 122	27 911,070	304 698,215	10,917	10,456
24	4	98 686	73 244,171	2 859 382,449	39,039	38,579	74	54	66 857	26 663,231	276 787,146	10,381	9,920
25	5	98 619	72 290,827	2 786 138,278	38,541	38,080	75	55	64 386	25 360,995	250 123,914	9,863	9,402
26	6	98 554	71 351,909	2 713 847,452	38,035	37,574	76	56	61 756	24 024,738	224 762,920	9,355	8,895
27	7	98 489	70 423,942	2 642 495,543	37,523	37,062	77	57	58 963	22 654,843	200 738,182	8,861	8,400
28	8	98 418	69 504,519	2 572 071,601	37,006	36,545	78	58	55 982	21 243,966	178 083,340	8,383	7,922
29	9	98 351	68 600,136	2 502 567,082	36,480	36,020	79	59	52 791	19 785,752	156 839,374	7,927	7,466
30	10	98 280	67 703,996	2 433 966,946	35,950	35,490	80	60	49 449	18 304,542	137 053,622	7,487	7,027
31	11	98 210	66 820,613	2 366 262,951	35,412	34,952	81	61	45 983	16 811,406	118 749,080	7,064	6,603
32	12	98 132	65 943,289	2 299 442,338	34,870	34,410	82	62	42 388	15 305,751	101 937,673	6,660	6,200
33	13	98 052	65 076,058	2 233 499,050	34,321	33,861	83	63	38 738	13 814,793	86 631,922	6,271	5,811
34	14	97 969	64 217,836	2 168 422,991	33,767	33,306	84	64	35 094	12 361,004	72 817,129	5,891	5,430
35	15	97 880	63 367,847	2 104 205,155	33,206	32,746	85	65	31 416	10 928,725	60 456,125	5,532	5,071
36	16	97 786	62 525,090	2 040 837,308	32,640	32,180	86	66	27 784	9 546,080	49 527,400	5,188	4,728
37	17	97 685	61 689,287	1 978 312,218	32,069	31,609	87	67	24 216	8 217,337	39 981,320	4,865	4,405
38	18	97 576	60 860,110	1 916 622,931	31,492	31,032	88	68	20 749	6 954,146	31 763,983	4,568	4,107
39	19	97 447	60 028,966	1 855 762,821	30,914	30,454	89	69	17 501	5 792,857	24 809,837	4,283	3,822
40	20	97 315	59 207,574	1 795 733,855	30,329	29,869	90	70	14 418	4 713,741	19 016,980	4,034	3,574
41	21	97 168	58 388,635	1 736 526,281	29,741	29,280	91	71	11 743	3 791,670	14 303,239	3,772	3,312
42	22	97 015	57 576,757	1 678 137,647	29,146	28,686	92	72	9 275	2 957,974	10 511,569	3,554	3,093
43	23	96 845	56 766,225	1 620 560,889	28,548	28,088	93	73	7 163	2 256,250	7 553,595	3,348	2,887
44	24	96 650	55 952,639	1 563 794,664	27,949	27,488	94	74	5 393	1 677,744	5 297,345	3,157	2,697
45	25	96 438	55 140,778	1 507 842,026	27,345	26,885	95	75	3 951	1 213,886	3 619,601	2,982	2,521
46	26	96 203	54 327,446	1 452 701,248	26,740	26,279	96	76	2 811	852,974	2 405,715	2,820	2,360
47	27	95 943	53 511,349	1 398 373,802	26,132	25,672	97	77	1 939	581,209	1 552,741	2,672	2,211
48	28	95 640	52 683,994	1 344 862,453	25,527	25,067	98	78	1 295	383,437	971,532	2,534	2,073
49	29	95 309	51 853,573	1 292 178,459	24,920	24,459	99	79	836	244,307	588,095	2,407	1,947
							100	80	520	150,146	343,789	2,290	1,829

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	29	94 968	51 029,865	1 242 779,269	24,354	23,894
1							51	30	94 561	50 183,825	1 191 749,404	23,748	23,287
2							52	31	94 087	49 315,820	1 141 565,579	23,148	22,688
3							53	32	93 587	48 448,517	1 092 249,759	22,545	22,084
4							54	33	93 038	47 569,398	1 043 801,242	21,943	21,482
5							55	34	92 428	46 674,094	996 231,844	21,344	20,884
6							56	35	91 763	45 766,518	949 557,750	20,748	20,287
7							57	36	91 058	44 854,168	903 791,232	20,150	19,689
8							58	37	90 283	43 923,127	858 937,064	19,555	19,095
9							59	38	89 441	42 976,416	815 013,937	18,964	18,504
10							60	39	88 538	42 017,376	772 037,521	18,374	17,914
11							61	40	87 560	41 040,226	730 020,145	17,788	17,328
12							62	41	86 521	40 052,688	688 979,919	17,202	16,741
13							63	42	85 416	39 052,639	648 927,231	16,617	16,156
14							64	43	84 261	38 048,947	609 874,592	16,029	15,568
15							65	44	82 988	37 011,556	571 825,644	15,450	14,990
16							66	45	81 646	35 963,712	534 814,089	14,871	14,411
17							67	46	80 194	34 887,843	498 850,377	14,299	13,838
18							68	47	78 664	33 793,346	463 962,534	13,729	13,269
19							69	48	77 017	32 683,514	430 169,188	13,162	12,701
20							70	49	75 271	31 548,096	397 485,674	12,599	12,139
21	0	99 208	76 427,577	3 087 928,029	40,403	39,943	71	50	73 405	30 386,533	365 937,578	12,043	11,582
22	1	98 842	75 205,385	3 011 500,452	40,044	39,583	72	51	71 418	29 198,799	335 551,045	11,492	11,032
23	2	98 763	74 217,859	2 936 295,067	39,563	39,103	73	52	69 312	27 987,907	306 352,246	10,946	10,485
24	3	98 697	73 252,356	2 862 077,209	39,071	38,611	74	53	67 058	26 743,637	278 364,339	10,409	9,948
25	4	98 630	72 299,443	2 788 824,853	38,573	38,113	75	54	64 592	25 442,186	251 620,702	9,890	9,430
26	5	98 564	71 359,122	2 716 525,410	38,068	37,608	76	55	61 976	24 110,164	226 178,516	9,381	8,921
27	6	98 497	70 430,075	2 645 166,288	37,557	37,097	77	56	59 186	22 740,625	202 068,352	8,886	8,425
28	7	98 426	69 510,485	2 574 736,213	37,041	36,581	78	57	56 207	21 329,210	179 327,727	8,408	7,947
29	8	98 359	68 605,188	2 505 225,728	36,517	36,056	79	58	53 025	19 873,439	157 998,518	7,950	7,490
30	9	98 287	67 708,666	2 436 620,540	35,987	35,526	80	59	49 684	18 391,387	138 125,078	7,510	7,050
31	10	98 217	66 825,355	2 368 911,873	35,449	34,989	81	60	46 233	16 902,500	119 733,691	7,084	6,623
32	11	98 140	65 948,562	2 302 086,518	34,907	34,447	82	61	42 633	15 394,217	102 831,191	6,680	6,219
33	12	98 060	65 081,297	2 236 137,956	34,359	33,899	83	62	38 983	13 902,485	87 436,974	6,289	5,829
34	13	97 977	64 223,589	2 171 056,658	33,805	33,344	84	63	35 332	12 444,856	73 534,489	5,909	5,448
35	14	97 891	63 374,716	2 106 833,069	33,244	32,784	85	64	31 648	11 009,639	61 089,633	5,549	5,088
36	15	97 798	62 532,956	2 043 458,353	32,678	32,218	86	65	28 003	9 621,220	50 079,994	5,205	4,745
37	16	97 700	61 698,781	1 980 925,397	32,106	31,646	87	66	24 425	8 288,237	40 458,774	4,881	4,421
38	17	97 592	60 869,878	1 919 226,616	31,530	31,070	88	67	20 941	7 018,239	32 170,537	4,584	4,123
39	18	97 469	60 042,680	1 858 356,739	30,951	30,490	89	68	17 672	5 849,661	25 152,298	4,300	3,839
40	19	97 335	59 219,805	1 798 314,059	30,367	29,906	90	69	14 573	4 764,346	19 302,637	4,051	3,591
41	20	97 190	58 401,599	1 739 094,253	29,778	29,318	91	70	11 881	3 836,188	14 538,292	3,790	3,329
42	21	97 035	57 588,810	1 680 692,654	29,184	28,724	92	71	9 396	2 996,561	10 702,104	3,571	3,111
43	22	96 867	56 778,962	1 623 103,844	28,586	28,126	93	72	7 269	2 289,395	7 705,543	3,366	2,905
44	23	96 672	55 965,431	1 566 324,882	27,987	27,527	94	73	5 483	1 705,477	5 416,147	3,176	2,715
45	24	96 458	55 151,926	1 510 359,450	27,385	26,925	95	74	4 026	1 236,902	3 710,670	3,000	2,540
46	25	96 225	54 339,400	1 455 207,525	26,780	26,320	96	75	2 873	871,679	2 473,769	2,838	2,378
47	26	95 966	53 524,016	1 400 868,125	26,173	25,712	97	76	1 988	595,802	1 602,090	2,689	2,229
48	27	95 666	52 698,151	1 347 344,109	25,567	25,107	98	77	1 332	394,370	1 006,288	2,552	2,091
49	28	95 333	51 866,689	1 294 645,958	24,961	24,501	99	78	863	252,401	611,918	2,424	1,964
							100	79	540	155,802	359,517	2,308	1,847

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	28	94 992	51 042,772	1 245 028,426	24,392	23,931
1							51	29	94 588	50 198,228	1 193 985,654	23,785	23,325
2							52	30	94 113	49 329,782	1 143 787,426	23,187	22,726
3							53	31	93 616	48 463,154	1 094 457,644	22,583	22,123
4							54	32	93 071	47 586,266	1 045 994,490	21,981	21,521
5							55	33	92 462	46 691,166	998 408,224	21,383	20,923
6							56	34	91 802	45 785,967	951 717,058	20,786	20,326
7							57	35	91 095	44 872,016	905 931,091	20,189	19,729
8							58	36	90 326	43 944,010	861 059,075	19,594	19,134
9							59	37	89 489	42 999,364	817 115,065	19,003	18,543
10							60	38	88 588	42 040,781	774 115,701	18,413	17,953
11							61	39	87 618	41 067,395	732 074,921	17,826	17,366
12							62	40	86 583	40 080,994	691 007,526	17,240	16,780
13							63	41	85 484	39 083,965	650 926,532	16,655	16,194
14							64	42	84 336	38 082,844	611 842,567	16,066	15,606
15							65	43	83 073	37 049,492	573 759,723	15,486	15,026
16							66	44	81 738	36 004,150	536 710,231	14,907	14,447
17							67	45	80 296	34 932,180	500 706,081	14,334	13,873
18							68	46	78 760	33 841,032	465 773,901	13,764	13,303
19							69	47	77 143	32 737,043	431 932,869	13,194	12,734
20							70	48	75 404	31 603,985	399 195,825	12,631	12,171
21							71	49	73 557	30 449,187	367 591,840	12,072	11,612
22	0	99 154	75 443,234	3 014 242,098	39,954	39,493	72	50	71 576	29 263,266	337 142,653	11,521	11,061
23	1	98 789	74 237,455	2 938 798,864	39,586	39,126	73	51	69 482	28 056,555	307 879,388	10,974	10,513
24	2	98 711	73 263,267	2 864 561,409	39,100	38,639	74	52	67 243	26 817,260	279 822,833	10,434	9,974
25	3	98 641	72 307,522	2 791 298,142	38,603	38,143	75	53	64 787	25 518,910	253 005,572	9,914	9,454
26	4	98 576	71 367,627	2 718 990,619	38,098	37,638	76	54	62 174	24 187,351	227 486,662	9,405	8,945
27	5	98 507	70 437,195	2 647 622,992	37,588	37,128	77	55	59 397	22 821,485	203 299,311	8,908	8,448
28	6	98 435	69 516,539	2 577 185,797	37,073	36,613	78	56	56 419	21 409,972	180 477,826	8,430	7,969
29	7	98 367	68 611,077	2 507 669,258	36,549	36,089	79	57	53 238	19 953,184	159 067,854	7,972	7,512
30	8	98 294	67 713,653	2 439 058,182	36,020	35,560	80	58	49 904	18 472,895	139 114,670	7,531	7,070
31	9	98 224	66 829,965	2 371 344,528	35,483	35,023	81	59	46 452	16 982,693	120 641,775	7,104	6,643
32	10	98 147	65 953,243	2 304 514,563	34,942	34,481	82	60	42 864	15 477,631	103 659,082	6,697	6,237
33	11	98 068	65 086,502	2 238 561,320	34,394	33,933	83	61	39 209	13 982,840	88 181,451	6,306	5,846
34	12	97 985	64 228,760	2 173 474,818	33,840	33,379	84	62	35 557	12 523,852	74 198,610	5,925	5,464
35	13	97 900	63 380,393	2 109 246,058	33,279	32,819	85	63	31 863	11 084,324	61 674,758	5,564	5,104
36	14	97 809	62 539,735	2 045 865,665	32,713	32,253	86	64	28 210	9 692,454	50 590,434	5,220	4,759
37	15	97 712	61 706,543	1 983 325,930	32,141	31,681	87	65	24 617	8 353,477	40 897,981	4,896	4,436
38	16	97 607	60 879,245	1 921 619,387	31,564	31,104	88	66	21 121	7 078,792	32 544,504	4,597	4,137
39	17	97 485	60 052,317	1 860 740,142	30,985	30,525	89	67	17 835	5 903,574	25 465,712	4,314	3,853
40	18	97 357	59 233,335	1 800 687,825	30,400	29,940	90	68	14 716	4 811,064	19 562,138	4,066	3,606
41	19	97 210	58 413,664	1 741 454,490	29,812	29,352	91	69	12 008	3 877,372	14 751,074	3,804	3,344
42	20	97 057	57 601,597	1 683 040,826	29,219	28,758	92	70	9 507	3 031,744	10 873,702	3,587	3,126
43	21	96 887	56 790,848	1 625 439,229	28,621	28,161	93	71	7 364	2 319,261	7 841,958	3,381	2,921
44	22	96 694	55 977,989	1 568 648,381	28,023	27,562	94	72	5 563	1 730,531	5 522,697	3,191	2,731
45	23	96 480	55 164,535	1 512 670,392	27,421	26,961	95	73	4 092	1 257,348	3 792,166	3,016	2,556
46	24	96 244	54 350,386	1 457 505,857	26,817	26,356	96	74	2 927	888,206	2 534,818	2,854	2,393
47	25	95 987	53 535,793	1 403 155,471	26,210	25,749	97	75	2 032	608,867	1 646,613	2,704	2,244
48	26	95 688	52 710,626	1 349 619,678	25,604	25,144	98	76	1 366	404,272	1 037,746	2,567	2,107
49	27	95 359	51 880,626	1 296 909,052	24,998	24,538	99	77	888	259,598	633,473	2,440	1,980
							100	78	557	160,964	373,876	2,323	1,862

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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23	0	99 101	74 472,242	2 941 333,511	39,496	39,035
24	1	98 737	73 282,611	2 866 861,269	39,121	38,660
25	2	98 656	72 318,294	2 793 578,658	38,629	38,169
26	3	98 587	71 375,602	2 721 260,364	38,126	37,666
27	4	98 519	70 445,590	2 649 884,762	37,616	37,156
28	5	98 445	69 523,566	2 579 439,171	37,102	36,641
29	6	98 376	68 617,052	2 509 915,605	36,579	36,118
30	7	98 302	67 719,465	2 441 298,553	36,050	35,590
31	8	98 231	66 834,888	2 373 579,087	35,514	35,054
32	9	98 154	65 957,793	2 306 744,200	34,973	34,513
33	10	98 075	65 091,122	2 240 786,407	34,425	33,965
34	11	97 993	64 233,896	2 175 695,285	33,871	33,411
35	12	97 908	63 385,496	2 111 461,389	33,311	32,851
36	13	97 817	62 545,337	2 048 075,893	32,745	32,285
37	14	97 722	61 713,232	1 985 530,555	32,173	31,713
38	15	97 619	60 886,904	1 923 817,324	31,597	31,136
39	16	97 500	60 061,559	1 862 930,420	31,017	30,557
40	17	97 373	59 242,842	1 802 868,861	30,432	29,971
41	18	97 232	58 427,009	1 743 626,019	29,843	29,382
42	19	97 077	57 613,496	1 685 199,010	29,250	28,790
43	20	96 908	56 803,458	1 627 585,514	28,653	28,193
44	21	96 714	55 989,707	1 570 782,056	28,055	27,594
45	22	96 501	55 176,913	1 514 792,349	27,453	26,993
46	23	96 266	54 362,812	1 459 615,436	26,850	26,389
47	24	96 006	53 546,617	1 405 252,623	26,244	25,783
48	25	95 710	52 722,224	1 351 706,007	25,638	25,178
49	26	95 382	51 892,908	1 298 983,783	25,032	24,572
50	27	95 017	51 056,488	1 247 090,875	24,426	23,965
51	28	94 612	50 210,925	1 196 034,387	23,820	23,360
52	29	94 140	49 343,939	1 145 823,462	23,221	22,761
53	30	93 642	48 476,875	1 096 479,523	22,619	22,158
54	31	93 099	47 600,643	1 048 002,648	22,017	21,556
55	32	92 494	46 707,722	1 000 402,005	21,418	20,958
56	33	91 836	45 802,714	953 694,283	20,822	20,361
57	34	91 133	44 891,085	907 891,568	20,224	19,764
58	35	90 362	43 961,495	863 000,483	19,631	19,170
59	36	89 531	43 019,807	819 038,988	19,039	18,578
60	37	88 635	42 063,229	776 019,181	18,449	17,988
61	38	87 667	41 090,270	733 955,952	17,862	17,402
62	39	86 640	40 107,528	692 865,682	17,275	16,815
63	40	85 545	39 111,586	652 758,154	16,690	16,229
64	41	84 403	38 113,392	613 646,568	16,101	15,640
65	42	83 147	37 082,499	575 533,176	15,520	15,060
66	43	81 822	36 041,054	538 450,677	14,940	14,480
67	44	80 386	34 971,458	502 409,623	14,366	13,906
68	45	78 860	33 884,039	467 438,165	13,795	13,335
69	46	77 252	32 783,238	433 554,126	13,225	12,764
70	47	75 527	31 655,746	400 770,888	12,660	12,200
71	48	73 687	30 503,130	369 115,142	12,101	11,641
72	49	71 723	29 323,603	338 612,012	11,547	11,087
73	50	69 635	28 118,500	309 288,409	10,999	10,539
74	51	67 408	26 883,038	281 169,908	10,459	9,999
75	52	64 966	25 589,162	254 286,871	9,937	9,477
76	53	62 362	24 260,291	228 697,709	9,427	8,966
77	54	59 587	22 894,547	204 437,418	8,930	8,469
78	55	56 620	21 486,101	181 542,872	8,449	7,989
79	56	53 439	20 028,736	160 056,771	7,991	7,531
80	57	50 104	18 547,019	140 028,034	7,550	7,090
81	58	46 658	17 057,958	121 481,015	7,122	6,661
82	59	43 068	15 551,064	104 423,057	6,715	6,254
83	60	39 421	14 058,607	88 871,994	6,322	5,861
84	61	35 762	12 596,239	74 813,386	5,939	5,479
85	62	32 065	11 154,684	62 217,147	5,578	5,117
86	63	28 402	9 758,203	51 062,464	5,233	4,772
87	64	24 799	8 415,324	41 304,260	4,908	4,448
88	65	21 288	7 134,512	32 888,936	4,610	4,149
89	66	17 989	5 954,510	25 754,424	4,325	3,865
90	67	14 852	4 855,405	19 799,914	4,078	3,618
91	68	12 126	3 915,393	14 944,508	3,817	3,356
92	69	9 609	3 064,291	11 029,116	3,599	3,139
93	70	7 450	2 346,491	7 964,825	3,394	2,934
94	71	5 636	1 753,107	5 618,334	3,205	2,744
95	72	4 153	1 275,818	3 865,227	3,030	2,569
96	73	2 975	902,888	2 589,409	2,868	2,408
97	74	2 070	620,411	1 686,521	2,718	2,258
98	75	1 396	413,137	1 066,109	2,581	2,120
99	76	910	266,115	652,972	2,454	1,993
100	77	573	165,554	386,857	2,337	1,876

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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24	0	99 050	73 514,379	2 869 205,287	39,029	38,569
25	1	98 682	72 337,388	2 795 690,907	38,648	38,188
26	2	98 602	71 386,235	2 723 353,519	38,150	37,689
27	3	98 530	70 453,462	2 651 967,285	37,641	37,181
28	4	98 457	69 531,853	2 581 513,822	37,127	36,667
29	5	98 386	68 623,989	2 511 981,969	36,605	36,145
30	6	98 311	67 725,363	2 443 357,980	36,077	35,617
31	7	98 240	66 840,624	2 375 632,617	35,542	35,081
32	8	98 161	65 962,651	2 308 791,993	35,002	34,541
33	9	98 082	65 095,612	2 242 829,342	34,454	33,994
34	10	98 000	64 238,455	2 177 733,730	33,901	33,440
35	11	97 915	63 390,565	2 113 495,274	33,341	32,880
36	12	97 825	62 550,373	2 050 104,709	32,775	32,315
37	13	97 731	61 718,760	1 987 554,337	32,203	31,743
38	14	97 630	60 893,504	1 925 835,576	31,626	31,166
39	15	97 512	60 069,115	1 864 942,072	31,047	30,586
40	16	97 388	59 251,959	1 804 872,957	30,461	30,001
41	17	97 248	58 436,387	1 745 620,999	29,872	29,412
42	18	97 099	57 626,659	1 687 184,612	29,278	28,817
43	19	96 928	56 815,192	1 629 557,953	28,682	28,221
44	20	96 736	56 002,139	1 572 742,760	28,084	27,623
45	21	96 522	55 188,464	1 516 740,621	27,483	27,023
46	22	96 288	54 375,010	1 461 552,158	26,879	26,419
47	23	96 028	53 558,859	1 407 177,148	26,273	25,813
48	24	95 729	52 732,883	1 353 618,288	25,669	25,209
49	25	95 403	51 904,326	1 300 885,405	25,063	24,603
50	26	95 040	51 068,575	1 248 981,080	24,457	23,997
51	27	94 637	50 224,418	1 197 912,505	23,851	23,391
52	28	94 164	49 356,420	1 147 688,088	23,253	22,793
53	29	93 669	48 490,788	1 098 331,667	22,650	22,190
54	30	93 125	47 614,119	1 049 840,880	22,049	21,589
55	31	92 522	46 721,834	1 002 226,761	21,451	20,991
56	32	91 869	45 818,956	955 504,927	20,854	20,394
57	33	91 167	44 907,505	909 685,971	20,257	19,796
58	34	90 400	43 980,177	864 778,467	19,663	19,203
59	35	89 567	43 036,925	820 798,289	19,072	18,612
60	36	88 677	42 083,228	777 761,364	18,482	18,021
61	37	87 714	41 112,211	735 678,136	17,894	17,434
62	38	86 688	40 129,868	694 565,925	17,308	16,848
63	39	85 601	39 137,478	654 436,057	16,721	16,261
64	40	84 463	38 140,328	615 298,579	16,132	15,672
65	41	83 214	37 112,244	577 158,251	15,552	15,091
66	42	81 895	36 073,162	540 046,007	14,971	14,510
67	43	80 468	35 007,304	503 972,845	14,396	13,936
68	44	78 949	33 922,139	468 965,542	13,825	13,364
69	45	77 350	32 824,901	435 043,403	13,253	12,793
70	46	75 634	31 700,415	402 218,502	12,688	12,228
71	47	73 808	30 553,087	370 518,087	12,127	11,667
72	48	71 850	29 375,552	339 964,999	11,573	11,113
73	49	69 779	28 176,478	310 589,448	11,023	10,563
74	50	67 557	26 942,392	282 412,970	10,482	10,022
75	51	65 125	25 651,927	255 470,578	9,959	9,499
76	52	62 533	24 327,078	229 818,652	9,447	8,987
77	53	59 766	22 963,588	205 491,574	8,949	8,488
78	54	56 801	21 554,888	182 527,986	8,468	8,008
79	55	53 629	20 099,954	160 973,099	8,009	7,548
80	56	50 294	18 617,248	140 873,145	7,567	7,106
81	57	46 845	17 126,404	122 255,898	7,138	6,678
82	58	43 259	15 619,984	105 129,493	6,730	6,270
83	59	39 608	14 125,307	89 509,509	6,337	5,876
84	60	35 956	12 664,492	75 384,202	5,952	5,492
85	61	32 251	11 219,157	62 719,710	5,590	5,130
86	62	28 582	9 820,145	51 500,553	5,244	4,784
87	63	24 967	8 472,410	41 680,407	4,920	4,459
88	64	21 445	7 187,335	33 207,997	4,620	4,160
89	65	18 130	6 001,380	26 020,662	4,336	3,875
90	66	14 980	4 897,298	20 019,282	4,088	3,627
91	67	12 238	3 951,479	15 121,984	3,827	3,367
92	68	9 703	3 094,339	11 170,505	3,610	3,150
93	69	7 530	2 371,682	8 076,166	3,405	2,945
94	70	5 702	1 773,690	5 704,484	3,216	2,756
95	71	4 207	1 292,462	3 930,795	3,041	2,581
96	72	3 019	916,152	2 638,333	2,880	2,419
97	73	2 104	630,667	1 722,181	2,731	2,270
98	74	1 422	420,970	1 091,514	2,593	2,132
99	75	930	271,951	670,544	2,466	2,005
100	76	588	169,711	398,593	2,349	1,888

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	25	95 061	51 079,811	1 250 712,887	24,485	24,025
1							51	26	94 660	50 236,307	1 199 633,076	23,880	23,419
2							52	27	94 189	49 369,683	1 149 396,769	23,281	22,821
3							53	28	93 693	48 503,053	1 100 027,086	22,680	22,219
4							54	29	93 152	47 627,784	1 051 524,033	22,078	21,618
5							55	30	92 549	46 735,061	1 003 896,249	21,481	21,020
6							56	31	91 896	45 832,798	957 161,188	20,884	20,423
7							57	32	91 199	44 923,429	911 328,389	20,286	19,826
8							58	33	90 433	43 996,264	866 404,960	19,693	19,232
9							59	34	89 605	43 055,214	822 408,697	19,101	18,641
10							60	35	88 712	42 099,973	779 353,482	18,512	18,052
11							61	36	87 755	41 131,757	737 253,509	17,924	17,464
12							62	37	86 734	40 151,297	696 121,752	17,337	16,877
13							63	38	85 649	39 159,278	655 970,455	16,751	16,291
14							64	39	84 519	38 165,576	616 811,177	16,161	15,701
15							65	40	83 272	37 138,472	578 645,601	15,581	15,120
16							66	41	81 960	36 102,098	541 507,129	14,999	14,539
17							67	42	80 540	35 038,491	505 405,031	14,424	13,964
18							68	43	79 030	33 956,908	470 366,540	13,852	13,391
19							69	44	77 437	32 861,810	436 409,632	13,280	12,820
20							70	45	75 730	31 740,702	403 547,822	12,714	12,254
21							71	46	73 912	30 596,201	371 807,120	12,152	11,692
22							72	47	71 968	29 423,663	341 210,919	11,596	11,136
23							73	48	69 903	28 226,394	311 787,256	11,046	10,586
24							74	49	67 696	26 997,944	283 560,862	10,503	10,043
25	0	98 994	72 566,166	2 797 859,228	38,556	38,096	75	50	65 269	25 708,563	256 562,918	9,980	9,519
26	1	98 628	71 405,083	2 725 293,062	38,167	37,706	76	51	62 687	24 386,747	230 854,356	9,466	9,006
27	2	98 545	70 463,957	2 653 887,979	37,663	37,203	77	52	59 931	23 026,805	206 467,609	8,966	8,506
28	3	98 468	69 539,623	2 583 424,022	37,150	36,690	78	53	56 973	21 619,889	183 440,804	8,485	8,024
29	4	98 397	68 632,168	2 513 884,399	36,628	36,168	79	54	53 801	20 164,302	161 820,915	8,025	7,565
30	5	98 321	67 732,209	2 445 252,230	36,102	35,641	80	55	50 473	18 683,446	141 656,613	7,582	7,122
31	6	98 248	66 846,446	2 377 520,021	35,567	35,106	81	56	47 022	17 191,253	122 973,167	7,153	6,693
32	7	98 169	65 968,313	2 310 673,575	35,027	34,567	82	57	43 432	15 682,661	105 781,914	6,745	6,285
33	8	98 089	65 100,407	2 244 705,262	34,481	34,020	83	58	39 784	14 187,909	90 099,253	6,350	5,890
34	9	98 007	64 242,887	2 179 604,856	33,928	33,467	84	59	36 127	12 724,578	75 911,344	5,966	5,505
35	10	97 922	63 395,064	2 115 361,969	33,368	32,908	85	60	32 425	11 279,949	63 186,766	5,602	5,141
36	11	97 833	62 555,375	2 051 966,905	32,802	32,342	86	61	28 747	9 876,905	51 906,817	5,255	4,795
37	12	97 739	61 723,729	1 989 411,529	32,231	31,771	87	62	25 126	8 526,190	42 029,912	4,930	4,469
38	13	97 638	60 898,959	1 927 687,800	31,654	31,193	88	63	21 591	7 236,090	33 503,722	4,630	4,170
39	14	97 522	60 075,626	1 866 788,841	31,074	30,614	89	64	18 265	6 045,814	26 267,632	4,345	3,884
40	15	97 400	59 259,413	1 806 713,215	30,488	30,028	90	65	15 098	4 935,846	20 221,818	4,097	3,637
41	16	97 263	58 445,380	1 747 453,802	29,899	29,439	91	66	12 344	3 985,572	15 285,972	3,835	3,375
42	17	97 115	57 635,908	1 689 008,422	29,305	28,844	92	67	9 793	3 122,858	11 300,399	3,619	3,158
43	18	96 951	56 828,173	1 631 372,514	28,707	28,247	93	68	7 604	2 394,938	8 177,541	3,415	2,954
44	19	96 756	56 013,708	1 574 544,341	28,110	27,650	94	69	5 763	1 792,731	5 782,603	3,226	2,765
45	20	96 543	55 200,718	1 518 530,633	27,509	27,049	95	70	4 256	1 307,637	3 989,872	3,051	2,591
46	21	96 308	54 386,393	1 463 329,916	26,906	26,446	96	71	3 059	928,103	2 682,235	2,890	2,430
47	22	96 050	53 570,877	1 408 943,523	26,301	25,840	97	72	2 135	639,931	1 754,132	2,741	2,281
48	23	95 751	52 744,940	1 355 372,646	25,697	25,236	98	73	1 446	427,929	1 114,201	2,604	2,143
49	24	95 422	51 914,819	1 302 627,707	25,092	24,631	99	74	948	277,107	686,272	2,477	2,016
							100	75	601	173,432	409,164	2,359	1,899

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	0	100 000	100 000,000	4 431 068,865	44,311	43,850	50	50	93 336	44 334,812	943 566,288	21,283	20,822
1	1	99 299	97 831,694	4 331 068,865	44,271	43,810	51	51	92 757	43 409,025	899 231,476	20,715	20,255
2	2	99 240	96 328,932	4 233 237,172	43,946	43,485	52	52	92 093	42 461,029	855 822,451	20,155	19,695
3	3	99 207	94 873,306	4 136 908,239	43,605	43,144	53	53	91 380	41 509,833	813 361,422	19,594	19,134
4	4	99 182	93 447,797	4 042 034,933	43,254	42,794	54	54	90 602	40 548,372	771 851,589	19,035	18,575
5	5	99 157	92 043,598	3 948 587,136	42,899	42,438	55	55	89 754	39 575,037	731 303,216	18,479	18,018
6	6	99 136	90 664,386	3 856 543,538	42,536	42,076	56	56	88 831	38 589,158	691 728,179	17,925	17,465
7	7	99 117	89 307,302	3 765 879,152	42,168	41,707	57	57	87 851	37 599,378	653 139,021	17,371	16,910
8	8	99 101	87 972,689	3 676 571,850	41,792	41,331	58	58	86 796	36 598,843	615 539,642	16,819	16,358
9	9	99 085	86 658,998	3 588 599,160	41,411	40,950	59	59	85 653	35 583,171	578 940,799	16,270	15,809
10	10	99 070	85 365,729	3 501 940,162	41,023	40,562	60	60	84 435	34 558,797	543 357,628	15,723	15,262
11	11	99 055	84 090,682	3 416 574,433	40,630	40,169	61	61	83 107	33 512,662	508 798,831	15,182	14,721
12	12	99 038	82 834,228	3 332 483,752	40,231	39,770	62	62	81 707	32 461,135	475 286,169	14,642	14,181
13	13	99 019	81 594,426	3 249 649,524	39,827	39,366	63	63	80 218	31 398,694	442 825,034	14,103	13,642
14	14	98 999	80 372,482	3 168 055,097	39,417	38,956	64	64	78 670	30 337,755	411 426,340	13,562	13,101
15	15	98 974	79 164,245	3 087 682,615	39,003	38,543	65	65	76 991	29 251,521	381 088,585	13,028	12,567
16	16	98 944	77 970,636	3 008 518,370	38,585	38,124	66	66	75 240	28 163,561	351 837,064	12,493	12,032
17	17	98 903	76 786,594	2 930 547,734	38,165	37,704	67	67	73 362	27 054,947	323 673,504	11,964	11,503
18	18	98 853	75 614,051	2 853 761,140	37,741	37,280	68	68	71 392	25 939,454	296 618,557	11,435	10,974
19	19	98 783	74 443,726	2 778 147,089	37,319	36,858	69	69	69 345	24 823,338	270 679,103	10,904	10,443
20	20	98 714	73 292,590	2 703 703,362	36,889	36,428	70	70	67 172	23 689,982	245 855,765	10,378	9,917
21	21	98 639	72 154,587	2 630 410,773	36,455	35,994	71	71	64 881	22 543,790	222 165,783	9,855	9,394
22	22	98 566	71 034,976	2 558 256,186	36,014	35,553	72	72	62 449	21 378,082	199 621,993	9,338	8,877
23	23	98 491	69 932,318	2 487 221,210	35,566	35,105	73	73	59 876	20 194,521	178 243,910	8,826	8,366
24	24	98 417	68 847,075	2 417 288,892	35,111	34,650	74	74	57 144	18 988,311	158 049,390	8,324	7,863
25	25	98 342	67 777,973	2 348 441,816	34,649	34,188	75	75	54 182	17 737,797	139 061,079	7,840	7,379
26	26	98 266	66 724,960	2 280 663,843	34,180	33,719	76	76	51 034	16 460,464	121 323,281	7,371	6,910
27	27	98 186	65 685,132	2 213 938,883	33,705	33,245	77	77	47 712	15 161,608	104 862,818	6,916	6,456
28	28	98 098	64 656,079	2 148 253,751	33,226	32,765	78	78	44 221	13 844,512	89 701,210	6,479	6,018
29	29	98 014	63 646,194	2 083 597,672	32,737	32,276	79	79	40 542	12 505,148	75 856,698	6,066	5,605
30	30	97 921	62 646,395	2 019 951,478	32,244	31,783	80	80	36 771	11 174,264	63 351,550	5,669	5,209
31	31	97 831	61 663,634	1 957 305,083	31,742	31,281	81	81	32 943	9 863,062	52 177,286	5,290	4,829
32	32	97 732	60 690,651	1 895 641,449	31,234	30,774	82	82	29 089	8 580,608	42 314,224	4,931	4,471
33	33	97 625	59 728,611	1 834 950,797	30,721	30,261	83	83	25 277	7 345,990	33 733,616	4,592	4,131
34	34	97 515	58 779,504	1 775 222,186	30,201	29,741	84	84	21 610	6 187,256	26 387,625	4,265	3,804
35	35	97 396	57 840,328	1 716 442,683	29,676	29,215	85	85	18 078	5 099,723	20 200,369	3,961	3,500
36	36	97 276	56 915,030	1 658 602,355	29,142	28,681	86	86	14 781	4 107,918	15 100,646	3,676	3,215
37	37	97 144	55 997,905	1 601 687,325	28,603	28,142	87	87	11 769	3 222,622	10 992,728	3,411	2,950
38	38	97 000	55 088,584	1 545 689,420	28,058	27,597	88	88	9 075	2 448,264	7 770,106	3,174	2,713
39	39	96 839	54 184,627	1 490 600,836	27,510	27,049	89	89	6 784	1 803,128	5 321,843	2,951	2,491
40	40	96 664	53 287,309	1 436 416,209	26,956	26,495	90	90	4 850	1 269,982	3 518,715	2,771	2,310
41	41	96 472	52 395,433	1 383 128,899	26,398	25,937	91	91	3 378	871,410	2 248,732	2,581	2,120
42	42	96 263	51 509,103	1 330 733,466	25,835	25,374	92	92	2 223	564,913	1 377,322	2,438	1,977
43	43	96 030	50 625,170	1 279 224,363	25,269	24,808	93	93	1 412	353,620	812,409	2,297	1,837
44	44	95 760	49 737,094	1 228 599,193	24,702	24,241	94	94	857	211,378	458,789	2,170	1,710
45	45	95 463	48 849,649	1 178 862,099	24,132	23,672	95	95	495	120,338	247,411	2,056	1,595
46	46	95 130	47 960,182	1 130 012,450	23,561	23,101	96	96	272	65,077	127,073	1,953	1,492
47	47	94 761	47 068,116	1 082 052,268	22,989	22,528	97	97	141	33,341	61,996	1,859	1,399
48	48	94 333	46 163,059	1 034 984,153	22,420	21,959	98	98	69	16,141	28,654	1,775	1,314
49	49	93 864	45 254,805	988 821,094	21,850	21,389	99	99	32	7,364	12,513	1,699	1,238
							100	100	14	3,158	5,149	1,631	1,170

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$
0	1	99 685	99 684,731	4 417 602,595	44,316	43,855	50	51	93 130	44 237,143	931 642,682	21,060	20,599
1	2	99 273	97 805,869	4 317 917,864	44,148	43,687	51	52	92 530	43 302,812	887 405,539	20,493	20,032
2	3	99 226	96 314,585	4 220 111,994	43,816	43,355	52	53	91 840	42 344,458	844 102,727	19,934	19,473
3	4	99 196	94 862,706	4 123 797,409	43,471	43,010	53	54	91 105	41 385,032	801 758,269	19,373	18,912
4	5	99 170	93 436,660	4 028 934,704	43,119	42,659	54	55	90 313	40 418,973	760 373,237	18,812	18,351
5	6	99 147	92 034,295	3 935 498,044	42,761	42,300	55	56	89 436	39 434,816	719 954,263	18,257	17,796
6	7	99 128	90 656,490	3 843 463,749	42,396	41,935	56	57	88 496	38 443,592	680 519,447	17,702	17,241
7	8	99 109	89 299,637	3 752 807,259	42,025	41,564	57	58	87 500	37 449,110	642 075,855	17,145	16,684
8	9	99 093	87 966,210	3 663 507,621	41,647	41,186	58	59	86 413	36 437,358	604 626,745	16,594	16,133
9	10	99 078	86 653,020	3 575 541,411	41,263	40,802	59	60	85 248	35 415,147	568 189,387	16,044	15,583
10	11	99 063	85 359,670	3 488 888,391	40,873	40,412	60	61	83 980	34 372,547	532 774,240	15,500	15,039
11	12	99 047	84 083,957	3 403 528,720	40,478	40,017	61	62	82 629	33 320,075	498 401,693	14,958	14,497
12	13	99 030	82 827,586	3 319 444,763	40,077	39,616	62	63	81 191	32 256,382	465 081,618	14,418	13,957
13	14	99 010	81 587,117	3 236 617,203	39,671	39,210	63	64	79 678	31 187,134	432 825,237	13,878	13,418
14	15	98 989	80 363,771	3 155 030,086	39,259	38,799	64	65	78 092	30 114,790	401 638,103	13,337	12,876
15	16	98 961	79 154,287	3 074 666,315	38,844	38,383	65	66	76 390	29 023,070	371 523,312	12,801	12,340
16	17	98 928	77 958,638	2 995 512,028	38,424	37,964	66	67	74 596	27 922,642	342 500,242	12,266	11,805
17	18	98 887	76 774,272	2 917 553,390	38,002	37,541	67	68	72 692	26 807,873	314 577,600	11,735	11,274
18	19	98 831	75 596,780	2 840 779,118	37,578	37,117	68	69	70 699	25 687,565	287 769,727	11,203	10,742
19	20	98 763	74 428,351	2 765 182,338	37,152	36,691	69	70	68 609	24 559,677	262 082,162	10,671	10,210
20	21	98 693	73 276,320	2 690 753,987	36,721	36,260	70	71	66 392	23 415,067	237 522,486	10,144	9,683
21	22	98 619	72 139,486	2 617 477,667	36,284	35,823	71	72	64 045	22 253,490	214 107,419	9,621	9,160
22	23	98 543	71 019,041	2 545 338,182	35,840	35,379	72	73	61 545	21 068,577	191 853,929	9,106	8,645
23	24	98 469	69 916,333	2 474 319,141	35,390	34,929	73	74	58 903	19 866,134	170 785,353	8,597	8,136
24	25	98 397	68 833,159	2 404 402,808	34,931	34,470	74	75	56 081	18 634,985	150 919,219	8,099	7,638
25	26	98 321	67 763,063	2 335 569,649	34,467	34,006	75	76	53 019	17 357,181	132 284,234	7,621	7,160
26	27	98 243	66 709,169	2 267 806,586	33,995	33,535	76	77	49 784	16 057,300	114 927,053	7,157	6,697
27	28	98 160	65 667,485	2 201 097,417	33,519	33,058	77	78	46 390	14 741,272	98 869,753	6,707	6,246
28	29	98 073	64 639,730	2 135 429,932	33,036	32,575	78	79	42 803	13 400,543	84 128,481	6,278	5,817
29	30	97 986	63 627,932	2 070 790,202	32,545	32,085	79	80	39 070	12 051,137	70 727,938	5,869	5,408
30	31	97 894	62 628,664	2 007 162,269	32,049	31,588	80	81	35 235	10 707,564	58 676,801	5,480	5,019
31	32	97 801	61 645,010	1 944 533,605	31,544	31,083	81	82	31 375	9 393,675	47 969,237	5,107	4,646
32	33	97 697	60 669,138	1 882 888,595	31,035	30,575	82	83	27 485	8 107,437	38 575,562	4,758	4,297
33	34	97 589	59 706,772	1 822 219,457	30,519	30,059	83	84	23 692	6 885,312	30 468,125	4,425	3,964
34	35	97 474	58 754,536	1 762 512,685	29,998	29,537	84	85	20 047	5 739,820	23 582,813	4,109	3,648
35	36	97 358	57 817,321	1 703 758,149	29,468	29,007	85	86	16 582	4 677,698	17 842,993	3,814	3,354
36	37	97 230	56 887,983	1 645 940,828	28,933	28,472	86	87	13 388	3 720,859	13 165,295	3,538	3,077
37	38	97 092	55 968,020	1 589 052,845	28,392	27,931	87	88	10 495	2 873,639	9 444,436	3,287	2,826
38	39	96 946	55 057,915	1 533 084,825	27,845	27,384	88	89	7 966	2 148,872	6 570,798	3,058	2,597
39	40	96 775	54 148,782	1 478 026,910	27,296	26,835	89	90	5 824	1 547,955	4 421,925	2,857	2,396
40	41	96 596	53 249,677	1 423 878,128	26,740	26,279	90	91	4 099	1 073,395	2 873,971	2,677	2,217
41	42	96 395	52 353,439	1 370 628,452	26,180	25,719	91	92	2 778	716,572	1 800,576	2,513	2,052
42	43	96 177	51 463,256	1 318 275,013	25,616	25,155	92	93	1 802	458,017	1 084,004	2,367	1,906
43	44	95 932	50 573,333	1 266 811,757	25,049	24,588	93	94	1 119	280,331	625,987	2,233	1,772
44	45	95 653	49 681,231	1 216 238,424	24,481	24,020	94	95	663	163,631	345,655	2,112	1,652
45	46	95 341	48 787,648	1 166 557,193	23,911	23,450	95	96	374	90,849	182,024	2,004	1,543
46	47	94 996	47 892,601	1 117 769,545	23,339	22,878	96	97	200	47,851	91,175	1,905	1,445
47	48	94 606	46 991,154	1 069 876,945	22,768	22,307	97	98	101	23,847	43,324	1,817	1,356
48	49	94 166	46 081,423	1 022 885,791	22,197	21,737	98	99	48	11,215	19,477	1,737	1,276
49	50	93 671	45 161,687	976 804,368	21,629	21,168	99	100	22	4,964	8,263	1,664	1,204

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	2	99 658	99 658,418	4 403 491,669	44,186	43,725	50	52	92 902	44 128,904	918 878,853	20,823	20,362
1	3	99 258	97 791,302	4 303 833,251	44,010	43,550	51	53	92 276	43 183,929	874 749,950	20,256	19,796
2	4	99 215	96 303,823	4 206 041,949	43,675	43,214	52	54	91 564	42 217,148	831 566,020	19,697	19,237
3	5	99 184	94 851,400	4 109 738,125	43,328	42,867	53	55	90 815	41 252,963	789 348,873	19,134	18,674
4	6	99 160	93 427,216	4 014 886,725	42,973	42,513	54	56	89 993	40 275,762	748 095,909	18,574	18,114
5	7	99 138	92 026,280	3 921 459,509	42,612	42,152	55	57	89 099	39 286,060	707 820,147	18,017	17,556
6	8	99 119	90 648,709	3 829 433,229	42,245	41,784	56	58	88 142	38 289,950	668 534,087	17,460	16,999
7	9	99 101	89 293,061	3 738 784,520	41,871	41,410	57	59	87 113	37 283,873	630 244,137	16,904	16,443
8	10	99 086	87 960,142	3 649 491,459	41,490	41,029	58	60	86 005	36 265,300	592 960,264	16,351	15,890
9	11	99 071	86 646,870	3 561 531,317	41,104	40,643	59	61	84 789	35 224,282	556 694,964	15,804	15,343
10	12	99 055	85 352,844	3 474 884,447	40,712	40,251	60	62	83 497	34 175,018	521 470,682	15,259	14,798
11	13	99 039	84 077,188	3 389 531,603	40,315	39,854	61	63	82 108	33 109,904	487 295,664	14,718	14,257
12	14	99 021	82 820,140	3 305 454,414	39,911	39,450	62	64	80 644	32 039,043	454 185,760	14,176	13,715
13	15	99 000	81 578,274	3 222 634,274	39,504	39,043	63	65	79 092	30 957,927	422 146,718	13,636	13,175
14	16	98 976	80 353,662	3 141 055,999	39,090	38,630	64	66	77 482	29 879,598	391 188,791	13,092	12,631
15	17	98 946	79 142,107	3 060 702,337	38,674	38,213	65	67	75 736	28 774,799	361 309,193	12,556	12,096
16	18	98 913	77 946,128	2 981 560,230	38,252	37,791	66	68	73 915	27 667,644	332 534,394	12,019	11,558
17	19	98 864	76 756,736	2 903 614,102	37,829	37,368	67	69	71 986	26 547,551	304 866,750	11,484	11,023
18	20	98 810	75 581,166	2 826 857,366	37,402	36,941	68	70	69 948	25 414,724	278 319,199	10,951	10,490
19	21	98 741	74 411,828	2 751 276,199	36,974	36,513	69	71	67 813	24 274,668	252 904,474	10,418	9,958
20	22	98 672	73 260,984	2 676 864,371	36,539	36,078	70	72	65 537	23 113,546	228 629,806	9,892	9,431
21	23	98 597	72 123,302	2 603 603,388	36,099	35,639	71	73	63 118	21 931,310	205 516,260	9,371	8,910
22	24	98 521	71 002,807	2 531 480,085	35,653	35,192	72	74	60 544	20 725,976	183 584,950	8,858	8,397
23	25	98 449	69 902,200	2 460 477,278	35,199	34,738	73	75	57 807	19 496,474	162 858,974	8,353	7,892
24	26	98 376	68 818,017	2 390 575,078	34,738	34,277	74	76	54 878	18 235,117	143 362,500	7,862	7,401
25	27	98 297	67 747,026	2 321 757,061	34,271	33,810	75	77	51 721	16 932,055	125 127,383	7,390	6,929
26	28	98 217	66 691,248	2 254 010,035	33,798	33,337	76	78	48 404	15 612,133	108 195,328	6,930	6,469
27	29	98 135	65 650,880	2 187 318,787	33,317	32,857	77	79	44 902	14 268,545	92 583,196	6,489	6,028
28	30	98 045	64 621,183	2 121 667,907	32,832	32,372	78	80	41 249	12 914,024	78 314,651	6,064	5,604
29	31	97 958	63 609,924	2 057 046,724	32,338	31,878	79	81	37 438	11 547,814	65 400,627	5,663	5,203
30	32	97 864	62 609,749	1 993 436,800	31,839	31,378	80	82	33 558	10 197,988	53 852,813	5,281	4,820
31	33	97 767	61 623,159	1 930 827,051	31,333	30,872	81	83	29 645	8 875,667	43 654,825	4,918	4,458
32	34	97 661	60 646,955	1 869 203,892	30,821	30,360	82	84	25 762	7 599,007	34 779,158	4,577	4,116
33	35	97 548	59 681,410	1 808 556,937	30,304	29,843	83	85	21 979	6 387,396	27 180,151	4,255	3,794
34	36	97 435	58 731,166	1 748 875,527	29,778	29,317	84	86	18 388	5 264,823	20 792,756	3,949	3,489
35	37	97 311	57 789,846	1 690 144,361	29,246	28,786	85	87	15 020	4 236,952	15 527,932	3,665	3,204
36	38	97 178	56 857,623	1 632 354,516	28,710	28,249	86	88	11 938	3 317,921	11 290,980	3,403	2,942
37	39	97 038	55 936,861	1 575 496,893	28,166	27,705	87	89	9 211	2 522,230	7 973,059	3,161	2,700
38	40	96 882	55 021,492	1 519 560,031	27,618	27,157	88	90	6 838	1 844,771	5 450,829	2,955	2,494
39	41	96 707	54 110,540	1 464 538,540	27,066	26,605	89	91	4 923	1 308,338	3 606,058	2,756	2,295
40	42	96 518	53 206,997	1 410 427,999	26,508	26,048	90	92	3 371	882,667	2 297,720	2,603	2,142
41	43	96 309	52 306,840	1 357 221,002	25,947	25,486	91	93	2 252	580,978	1 415,053	2,436	1,975
42	44	96 078	51 410,560	1 304 914,162	25,382	24,921	92	94	1 429	363,092	834,075	2,297	1,836
43	45	95 824	50 516,531	1 253 503,602	24,814	24,353	93	95	867	217,009	470,984	2,170	1,710
44	46	95 532	49 618,174	1 202 987,071	24,245	23,784	94	96	501	123,533	253,974	2,056	1,595
45	47	95 207	48 718,901	1 153 368,897	23,674	23,213	95	97	275	66,801	130,441	1,953	1,492
46	48	94 841	47 814,291	1 104 649,996	23,103	22,642	96	98	143	34,224	63,641	1,860	1,399
47	49	94 439	46 908,053	1 056 835,706	22,530	22,069	97	99	70	16,569	29,416	1,775	1,315
48	50	93 973	45 986,603	1 009 927,652	21,961	21,501	98	100	33	7,560	12,847	1,699	1,239
49	51	93 465	45 062,196	963 941,049	21,391	20,931							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	3	99 644	99 643,575	4 388 416,296	44,041	43,580	50	53	92 647	44 007,753	905 256,271	20,570	20,110
1	4	99 247	97 780,376	4 288 772,721	43,861	43,400	51	54	91 999	43 054,095	861 248,518	20,004	19,543
2	5	99 203	96 292,346	4 190 992,346	43,524	43,063	52	55	91 271	42 082,423	818 194,422	19,443	18,982
3	6	99 174	94 841,813	4 094 700,000	43,174	42,713	53	56	90 493	41 106,797	776 111,999	18,880	18,420
4	7	99 152	93 419,080	3 999 858,187	42,816	42,355	54	57	89 654	40 123,834	735 005,202	18,318	17,858
5	8	99 130	92 018,381	3 906 439,107	42,453	41,992	55	58	88 742	39 129,051	694 881,368	17,759	17,298
6	9	99 112	90 642,033	3 814 420,726	42,082	41,621	56	59	87 753	38 121,003	655 752,317	17,202	16,741
7	10	99 095	89 286,901	3 723 778,693	41,706	41,245	57	60	86 702	37 107,817	617 631,314	16,644	16,183
8	11	99 079	87 953,900	3 634 491,792	41,323	40,862	58	61	85 541	36 069,853	580 523,497	16,094	15,634
9	12	99 063	86 639,941	3 546 537,892	40,934	40,473	59	62	84 302	35 021,858	544 453,643	15,546	15,085
10	13	99 047	85 345,974	3 459 897,951	40,540	40,079	60	63	82 970	33 959,454	509 431,785	15,001	14,540
11	14	99 030	84 069,657	3 374 551,977	40,140	39,679	61	64	81 555	32 886,814	475 472,331	14,458	13,997
12	15	99 011	82 811,164	3 290 482,320	39,735	39,274	62	65	80 052	31 803,574	442 585,517	13,916	13,455
13	16	98 987	81 568,012	3 207 671,156	39,325	38,864	63	66	78 474	30 716,149	410 781,942	13,373	12,913
14	17	98 961	80 341,298	3 126 103,144	38,910	38,449	64	67	76 819	29 624,000	380 065,793	12,830	12,369
15	18	98 930	79 129,407	3 045 761,846	38,491	38,030	65	68	75 045	28 512,019	350 441,793	12,291	11,830
16	19	98 890	77 928,324	2 966 632,439	38,069	37,608	66	69	73 197	27 398,974	321 929,774	11,750	11,289
17	20	98 844	76 740,883	2 888 704,114	37,642	37,182	67	70	71 222	26 265,576	294 530,801	11,214	10,753
18	21	98 788	75 564,388	2 811 963,232	37,213	36,752	68	71	69 136	25 119,793	268 265,224	10,679	10,219
19	22	98 720	74 396,255	2 736 398,844	36,781	36,321	69	72	66 939	23 962,079	243 145,431	10,147	9,686
20	23	98 650	73 244,549	2 662 002,589	36,344	35,883	70	73	64 589	22 778,915	219 183,352	9,622	9,161
21	24	98 574	72 106,816	2 588 758,040	35,902	35,441	71	74	62 092	21 574,681	196 404,437	9,103	8,643
22	25	98 501	70 988,455	2 516 651,223	35,452	34,991	72	75	59 417	20 340,317	174 829,757	8,595	8,134
23	26	98 427	69 886,823	2 445 662,768	34,995	34,534	73	76	56 566	19 078,120	154 489,440	8,098	7,637
24	27	98 352	68 801,730	2 375 775,945	34,531	34,070	74	77	53 534	17 788,488	135 411,320	7,612	7,152
25	28	98 271	67 728,826	2 306 974,215	34,062	33,601	75	78	50 287	16 462,635	117 622,833	7,145	6,684
26	29	98 192	66 674,383	2 239 245,389	33,585	33,124	76	79	46 852	15 111,479	101 160,198	6,694	6,233
27	30	98 107	65 632,043	2 172 571,006	33,102	32,641	77	80	43 272	13 750,512	86 048,719	6,258	5,797
28	31	98 017	64 602,893	2 106 938,963	32,614	32,153	78	81	39 526	12 374,662	72 298,206	5,842	5,382
29	32	97 928	63 590,712	2 042 336,069	32,117	31,656	79	82	35 657	10 998,249	59 923,544	5,448	4,988
30	33	97 829	62 587,555	1 978 745,357	31,616	31,155	80	83	31 708	9 635,627	48 925,295	5,078	4,617
31	34	97 731	61 600,627	1 916 157,802	31,106	30,645	81	84	27 786	8 319,060	39 289,668	4,723	4,262
32	35	97 620	60 621,194	1 854 557,175	30,593	30,132	82	85	23 899	7 049,479	30 970,608	4,393	3,933
33	36	97 509	59 657,672	1 793 935,981	30,070	29,610	83	86	20 160	5 858,809	23 921,129	4,083	3,622
34	37	97 388	58 703,256	1 734 278,309	29,543	29,082	84	87	16 655	4 768,758	18 062,320	3,788	3,327
35	38	97 259	57 759,004	1 675 575,053	29,010	28,549	85	88	13 393	3 778,126	13 293,562	3,519	3,058
36	39	97 124	56 825,969	1 617 816,049	28,470	28,009	86	89	10 478	2 912,182	9 515,436	3,267	2,807
37	40	96 974	55 899,856	1 560 990,080	27,925	27,464	87	90	7 908	2 165,291	6 603,254	3,050	2,589
38	41	96 813	54 982,634	1 505 090,223	27,374	26,913	88	91	5 780	1 559,208	4 437,963	2,846	2,385
39	42	96 629	54 067,171	1 450 107,589	26,820	26,360	89	92	4 048	1 075,864	2 878,755	2,676	2,215
40	43	96 433	53 159,638	1 396 040,418	26,261	25,800	90	93	2 733	715,643	1 802,890	2,519	2,058
41	44	96 210	52 253,281	1 342 880,780	25,699	25,239	91	94	1 785	460,569	1 087,247	2,361	1,900
42	45	95 971	51 352,818	1 290 627,499	25,133	24,672	92	95	1 106	281,076	626,678	2,230	1,769
43	46	95 702	50 452,414	1 239 274,681	24,563	24,102	93	96	654	163,830	345,603	2,110	1,649
44	47	95 397	49 548,257	1 188 822,267	23,993	23,532	94	97	368	90,833	181,772	2,001	1,540
45	48	95 051	48 639,239	1 139 274,010	23,423	22,962	95	98	197	47,778	90,939	1,903	1,443
46	49	94 673	47 729,734	1 090 634,771	22,850	22,389	96	99	99	23,779	43,161	1,815	1,354
47	50	94 245	46 811,533	1 042 905,037	22,279	21,818	97	100	47	11,169	19,382	1,735	1,275
48	51	93 766	45 885,295	996 093,504	21,708	21,248							
49	52	93 236	44 951,938	950 208,209	21,138	20,678							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	4	99 632	99 632,441	4 372 338,446	43,885	43,424	50	54	92 368	43 875,442	890 763,467	20,302	19,841
1	5	99 235	97 768,722	4 272 706,005	43,702	43,241	51	55	91 705	42 916,700	846 888,025	19,733	19,273
2	6	99 193	96 282,613	4 174 937,283	43,361	42,900	52	56	90 948	41 933,318	803 971,325	19,173	18,712
3	7	99 165	94 833,553	4 078 654,670	43,009	42,548	53	57	90 151	40 951,734	762 038,006	18,608	18,147
4	8	99 143	93 411,062	3 983 821,117	42,648	42,187	54	58	89 295	39 963,476	721 086,272	18,044	17,583
5	9	99 123	92 011,605	3 890 410,055	42,282	41,821	55	59	88 351	38 956,401	681 122,796	17,484	17,023
6	10	99 105	90 635,781	3 798 398,450	41,908	41,448	56	60	87 339	37 940,995	642 166,394	16,925	16,465
7	11	99 088	89 280,564	3 707 762,670	41,529	41,069	57	61	86 235	36 907,830	604 225,400	16,371	15,910
8	12	99 071	87 946,866	3 618 482,106	41,144	40,683	58	62	85 050	35 862,570	567 317,569	15,819	15,358
9	13	99 055	86 632,967	3 530 535,239	40,753	40,292	59	63	83 770	34 800,953	531 454,999	15,271	14,810
10	14	99 039	85 338,329	3 443 902,272	40,356	39,895	60	64	82 411	33 730,640	496 654,046	14,724	14,263
11	15	99 019	84 060,545	3 358 563,944	39,954	39,493	61	65	80 956	32 645,115	462 923,406	14,180	13,720
12	16	98 998	82 800,747	3 274 503,399	39,547	39,086	62	66	79 427	31 555,193	430 278,291	13,636	13,175
13	17	98 972	81 555,461	3 191 702,652	39,135	38,675	63	67	77 803	30 453,395	398 723,098	13,093	12,632
14	18	98 945	80 328,405	3 110 147,190	38,718	38,257	64	68	76 118	29 353,464	368 269,703	12,546	12,085
15	19	98 908	79 111,333	3 029 818,785	38,298	37,837	65	69	74 316	28 235,149	338 916,238	12,003	11,543
16	20	98 869	77 912,229	2 950 707,452	37,872	37,411	66	70	72 420	27 107,955	310 681,089	11,461	11,000
17	21	98 822	76 723,847	2 872 795,223	37,443	36,983	67	71	70 395	25 960,771	283 573,134	10,923	10,462
18	22	98 768	75 548,573	2 796 071,376	37,010	36,549	68	72	68 246	24 796,321	257 612,362	10,389	9,928
19	23	98 698	74 379,565	2 720 522,803	36,576	36,115	69	73	65 970	23 615,162	232 816,041	9,859	9,398
20	24	98 627	73 227,807	2 646 143,237	36,136	35,675	70	74	63 538	22 408,502	209 200,879	9,336	8,875
21	25	98 554	72 092,241	2 572 915,431	35,689	35,228	71	75	60 936	21 173,229	186 792,377	8,822	8,361
22	26	98 479	70 972,839	2 500 823,190	35,236	34,776	72	76	58 142	19 903,856	165 619,148	8,321	7,860
23	27	98 404	69 870,283	2 429 850,351	34,777	34,316	73	77	55 181	18 610,843	145 715,292	7,830	7,369
24	28	98 326	68 783,247	2 359 980,067	34,310	33,850	74	78	52 049	17 295,325	127 104,449	7,349	6,888
25	29	98 246	67 711,699	2 291 196,821	33,838	33,377	75	79	48 674	15 934,707	109 809,125	6,891	6,430
26	30	98 164	66 655,253	2 223 485,122	33,358	32,897	76	80	45 151	14 562,842	93 874,417	6,446	5,985
27	31	98 079	65 613,467	2 156 829,869	32,872	32,411	77	81	41 464	13 176,214	79 311,575	6,019	5,559
28	32	97 987	64 583,382	2 091 216,401	32,380	31,919	78	82	37 645	11 785,748	66 135,361	5,611	5,151
29	33	97 894	63 568,171	2 026 633,019	31,881	31,420	79	83	33 690	10 391,759	54 349,613	5,230	4,769
30	34	97 794	62 564,671	1 963 064,849	31,377	30,916	80	84	29 719	9 031,361	43 957,854	4,867	4,406
31	35	97 690	61 574,461	1 900 500,177	30,865	30,404	81	85	25 776	7 717,462	34 926,493	4,526	4,065
32	36	97 581	60 597,082	1 838 925,717	30,347	29,886	82	86	21 921	6 466,102	27 209,032	4,208	3,747
33	37	97 463	59 629,321	1 778 328,635	29,823	29,362	83	87	18 260	5 306,776	20 742,930	3,909	3,448
34	38	97 337	58 671,927	1 718 699,314	29,293	28,833	84	88	14 852	4 252,341	15 436,153	3,630	3,169
35	39	97 205	57 726,849	1 660 027,387	28,757	28,296	85	89	11 756	3 316,110	11 183,812	3,373	2,912
36	40	97 059	56 788,376	1 602 300,538	28,215	27,754	86	90	8 996	2 500,059	7 867,702	3,147	2,686
37	41	96 905	55 860,378	1 545 512,162	27,667	27,207	87	91	6 684	1 830,114	5 367,643	2,933	2,472
38	42	96 736	54 938,566	1 489 651,783	27,115	26,654	88	92	4 753	1 282,158	3 537,530	2,759	2,298
39	43	96 543	54 019,047	1 434 713,218	26,559	26,099	89	93	3 282	872,283	2 255,372	2,586	2,125
40	44	96 334	53 105,206	1 380 694,171	25,999	25,538	90	94	2 167	567,324	1 383,089	2,438	1,977
41	45	96 102	52 194,592	1 327 588,965	25,435	24,975	91	95	1 382	356,534	815,764	2,288	1,827
42	46	95 849	51 287,640	1 275 394,373	24,867	24,407	92	96	835	212,197	459,230	2,164	1,703
43	47	95 567	50 381,321	1 224 106,733	24,297	23,836	93	97	481	120,464	247,033	2,051	1,590
44	48	95 241	49 467,240	1 173 725,412	23,727	23,267	94	98	263	64,966	126,570	1,948	1,487
45	49	94 883	48 553,224	1 124 258,173	23,155	22,694	95	99	137	33,196	61,603	1,856	1,395
46	50	94 478	47 631,523	1 075 704,948	22,584	22,123	96	100	67	16,030	28,407	1,772	1,311
47	51	94 037	46 708,407	1 028 073,425	22,010	21,550							
48	52	93 536	45 773,023	981 365,018	21,440	20,979							
49	53	92 980	44 828,528	935 591,995	20,870	20,410							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	5	99 621	99 620,567	4 355 232,294	43,718	43,257	50	55	92 074	43 735,426	875 391,960	20,016	19,555
1	6	99 225	97 758,840	4 255 611,727	43,532	43,071	51	56	91 380	42 764,639	831 656,534	19,447	18,986
2	7	99 184	96 274,228	4 157 852,886	43,188	42,727	52	57	90 605	41 775,137	788 891,895	18,884	18,423
3	8	99 157	94 825,414	4 061 578,659	42,832	42,371	53	58	89 791	40 788,068	747 116,758	18,317	17,856
4	9	99 136	93 404,182	3 966 753,245	42,469	42,008	54	59	88 901	39 787,145	706 328,690	17,753	17,292
5	10	99 116	92 005,257	3 873 349,062	42,099	41,638	55	60	87 934	38 772,448	666 541,545	17,191	16,730
6	11	99 098	90 629,348	3 781 343,805	41,723	41,262	56	61	86 868	37 736,517	627 769,097	16,636	16,175
7	12	99 080	89 273,425	3 690 714,457	41,342	40,881	57	62	85 739	36 695,732	590 032,579	16,079	15,618
8	13	99 064	87 939,786	3 601 441,032	40,953	40,493	58	63	84 513	35 636,362	553 336,848	15,527	15,067
9	14	99 046	86 625,207	3 513 501,246	40,560	40,099	59	64	83 205	34 566,469	517 700,485	14,977	14,516
10	15	99 028	85 329,079	3 426 876,039	40,161	39,700	60	65	81 806	33 482,740	483 134,017	14,429	13,969
11	16	99 007	84 049,971	3 341 546,960	39,757	39,296	61	66	80 323	32 390,161	449 651,277	13,882	13,422
12	17	98 983	82 788,006	3 257 496,989	39,347	38,887	62	67	78 747	31 285,261	417 261,116	13,337	12,877
13	18	98 956	81 542,374	3 174 708,983	38,933	38,472	63	68	77 092	30 175,286	385 975,855	12,791	12,330
14	19	98 922	80 310,057	3 093 166,609	38,515	38,055	64	69	75 379	29 068,424	355 800,569	12,240	11,779
15	20	98 887	79 094,994	3 012 856,551	38,092	37,631	65	70	73 527	27 935,249	326 732,145	11,696	11,235
16	21	98 848	77 894,933	2 933 761,558	37,663	37,202	66	71	71 579	26 793,375	298 796,896	11,152	10,691
17	22	98 801	76 707,789	2 855 866,624	37,230	36,770	67	72	69 489	25 626,470	272 003,521	10,614	10,153
18	23	98 746	75 531,625	2 779 158,835	36,795	36,334	68	73	67 258	24 437,327	246 377,051	10,082	9,621
19	24	98 675	74 362,564	2 703 627,209	36,357	35,897	69	74	64 897	23 231,152	221 939,725	9,554	9,093
20	25	98 607	73 213,005	2 629 264,646	35,913	35,452	70	75	62 356	21 991,535	198 708,573	9,036	8,575
21	26	98 533	72 076,382	2 556 051,641	35,463	35,002	71	76	59 629	20 718,895	176 717,038	8,529	8,068
22	27	98 456	70 956,042	2 483 975,259	35,007	34,546	72	77	56 718	19 416,354	155 998,143	8,034	7,574
23	28	98 377	69 851,513	2 413 019,217	34,545	34,084	73	78	53 651	18 094,881	136 581,788	7,548	7,087
24	29	98 301	68 765,853	2 343 167,704	34,075	33,614	74	79	50 380	16 740,694	118 486,907	7,078	6,617
25	30	98 218	67 692,271	2 274 401,851	33,599	33,138	75	80	46 907	15 356,183	101 746,213	6,626	6,165
26	31	98 136	66 636,387	2 206 709,580	33,116	32,655	76	81	43 265	13 954,617	86 390,030	6,191	5,730
27	32	98 049	65 593,651	2 140 073,192	32,626	32,165	77	82	39 491	12 549,154	72 435,413	5,772	5,311
28	33	97 953	64 560,489	2 074 479,542	32,132	31,672	78	83	35 569	11 135,831	59 886,260	5,378	4,917
29	34	97 858	63 544,928	2 009 919,053	31,630	31,169	79	84	31 578	9 740,075	48 750,429	5,005	4,544
30	35	97 752	62 538,095	1 946 374,125	31,123	30,662	80	85	27 570	8 378,252	39 010,354	4,656	4,195
31	36	97 651	61 549,969	1 883 836,030	30,607	30,146	81	86	23 643	7 078,806	30 632,102	4,327	3,867
32	37	97 535	60 568,285	1 822 286,061	30,086	29,626	82	87	19 855	5 856,848	23 553,296	4,021	3,561
33	38	97 411	59 597,498	1 761 717,776	29,560	29,099	83	88	16 283	4 732,097	17 696,448	3,740	3,279
34	39	97 282	58 639,263	1 702 120,277	29,027	28,566	84	89	13 036	3 732,335	12 964,351	3,474	3,013
35	40	97 141	57 688,660	1 643 481,014	28,489	28,028	85	90	10 092	2 846,824	9 232,016	3,243	2,782
36	41	96 991	56 748,271	1 585 792,354	27,944	27,484	86	91	7 603	2 113,061	6 385,192	3,022	2,561
37	42	96 828	55 815,607	1 529 044,084	27,395	26,934	87	92	5 496	1 504,927	4 272,131	2,839	2,378
38	43	96 650	54 889,666	1 473 228,477	26,840	26,379	88	93	3 853	1 039,540	2 767,204	2,662	2,201
39	44	96 445	53 963,734	1 418 338,811	26,283	25,822	89	94	2 602	691,500	1 727,664	2,498	2,038
40	45	96 226	53 045,561	1 364 375,077	25,721	25,260	90	95	1 677	439,176	1 036,164	2,359	1,899
41	46	95 980	52 128,345	1 311 329,516	25,156	24,695	91	96	1 043	269,164	596,988	2,218	1,757
42	47	95 714	51 215,370	1 259 201,171	24,586	24,126	92	97	614	156,027	327,824	2,101	1,640
43	48	95 411	50 298,942	1 207 985,802	24,016	23,555	93	98	344	86,159	171,797	1,994	1,533
44	49	95 072	49 379,760	1 157 686,860	23,445	22,984	94	99	183	45,139	85,638	1,897	1,436
45	50	94 688	48 453,319	1 108 307,100	22,874	22,413	95	100	92	22,378	40,498	1,810	1,349
46	51	94 270	47 526,591	1 059 853,781	22,300	21,839							
47	52	93 807	46 594,121	1 012 327,190	21,727	21,266							
48	53	93 279	45 647,359	965 733,069	21,156	20,696							
49	54	92 701	44 693,749	920 085,709	20,586	20,126							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	6	99 610	99 610,498	4 337 081,148	43,540	43,080	50	56	91 747	43 580,464	859 134,636	19,714	19,253
1	7	99 217	97 750,326	4 237 470,650	43,350	42,889	51	57	91 036	42 603,322	815 554,172	19,143	18,682
2	8	99 176	96 265,965	4 139 720,323	43,003	42,542	52	58	90 243	41 608,180	772 950,850	18,577	18,116
3	9	99 150	94 818,431	4 043 454,358	42,644	42,183	53	59	89 395	40 608,098	731 342,670	18,010	17,549
4	10	99 129	93 397,739	3 948 635,928	42,278	41,817	54	60	88 482	39 599,269	690 734,572	17,443	16,982
5	11	99 109	91 998,728	3 855 238,189	41,905	41,445	55	61	87 460	38 563,490	651 135,302	16,885	16,424
6	12	99 090	90 622,101	3 763 239,461	41,527	41,066	56	62	86 369	37 519,656	612 571,812	16,327	15,866
7	13	99 072	89 266,238	3 672 617,360	41,142	40,681	57	63	85 198	36 464,268	575 052,156	15,770	15,309
8	14	99 055	87 931,909	3 583 351,122	40,751	40,291	58	64	83 944	35 396,249	538 587,888	15,216	14,755
9	15	99 036	86 615,818	3 495 419,213	40,355	39,895	59	65	82 594	34 312,426	503 191,639	14,665	14,204
10	16	99 015	85 318,345	3 408 803,395	39,954	39,493	60	66	81 167	33 221,244	468 879,213	14,114	13,653
11	17	98 991	84 037,038	3 323 485,050	39,548	39,087	61	67	79 636	32 113,087	435 657,969	13,566	13,106
12	18	98 967	82 774,721	3 239 448,012	39,136	38,675	62	68	78 028	30 999,555	403 544,882	13,018	12,557
13	19	98 933	81 523,749	3 156 673,291	38,721	38,260	63	69	76 344	29 882,265	372 545,327	12,467	12,006
14	20	98 902	80 293,470	3 075 149,542	38,299	37,838	64	70	74 578	28 759,673	342 663,063	11,915	11,454
15	21	98 865	79 077,435	2 994 856,072	37,872	37,412	65	71	72 673	27 611,068	313 903,389	11,369	10,908
16	22	98 827	77 878,631	2 915 778,636	37,440	36,979	66	72	70 657	26 448,352	286 292,321	10,825	10,364
17	23	98 779	76 690,581	2 837 900,005	37,005	36,544	67	73	68 483	25 255,457	259 843,970	10,289	9,828
18	24	98 723	75 514,360	2 761 209,424	36,565	36,105	68	74	66 164	24 039,947	234 588,513	9,758	9,297
19	25	98 656	74 347,532	2 685 695,064	36,124	35,663	69	75	63 690	22 798,877	210 548,566	9,235	8,774
20	26	98 586	73 196,899	2 611 347,532	35,676	35,215	70	76	61 018	21 519,642	187 749,689	8,725	8,264
21	27	98 509	72 059,324	2 538 150,632	35,223	34,762	71	77	58 168	20 211,431	166 230,047	8,225	7,764
22	28	98 430	70 936,980	2 466 091,308	34,765	34,304	72	78	55 146	18 878,061	146 018,616	7,735	7,274
23	29	98 352	69 833,849	2 395 154,328	34,298	33,837	73	79	51 930	17 514,610	127 140,555	7,259	6,798
24	30	98 273	68 746,123	2 325 320,479	33,825	33,364	74	80	48 551	16 132,907	109 625,945	6,795	6,334
25	31	98 190	67 673,112	2 256 574,356	33,345	32,884	75	81	44 948	14 714,823	93 493,038	6,354	5,893
26	32	98 106	66 616,262	2 188 901,244	32,858	32,398	76	82	41 206	13 290,512	78 778,214	5,927	5,467
27	33	98 015	65 570,399	2 122 284,982	32,367	31,906	77	83	37 313	11 857,139	65 487,703	5,523	5,062
28	34	97 917	64 536,883	2 056 714,583	31,869	31,408	78	84	33 339	10 437,485	53 630,563	5,138	4,677
29	35	97 816	63 517,936	1 992 177,700	31,364	30,903	79	85	29 294	9 035,714	43 193,078	4,780	4,319
30	36	97 713	62 513,220	1 928 659,764	30,852	30,391	80	86	25 288	7 684,913	34 157,364	4,445	3,984
31	37	97 604	61 520,720	1 866 146,544	30,334	29,873	81	87	21 416	6 411,822	26 472,451	4,129	3,668
32	38	97 483	60 535,961	1 804 625,824	29,811	29,350	82	88	17 705	5 222,601	20 060,629	3,841	3,380
33	39	97 357	59 564,319	1 744 089,863	29,281	28,820	83	89	14 292	4 153,422	14 838,028	3,572	3,112
34	40	97 218	58 600,470	1 684 525,544	28,746	28,285	84	90	11 191	3 204,146	10 684,606	3,335	2,874
35	41	97 072	57 647,919	1 625 925,073	28,204	27,744	85	91	8 530	2 406,148	7 480,460	3,109	2,648
36	42	96 913	56 702,787	1 568 277,155	27,658	27,197	86	92	6 252	1 737,598	5 074,312	2,920	2,460
37	43	96 741	55 765,926	1 511 574,368	27,106	26,645	87	93	4 456	1 220,156	3 336,713	2,735	2,274
38	44	96 551	54 833,462	1 455 808,442	26,550	26,089	88	94	3 055	824,093	2 116,557	2,568	2,108
39	45	96 336	53 903,125	1 400 974,980	25,991	25,530	89	95	2 014	535,302	1 292,464	2,414	1,954
40	46	96 103	52 978,234	1 347 071,855	25,427	24,966	90	96	1 266	331,554	757,162	2,284	1,823
41	47	95 845	52 054,890	1 294 093,621	24,860	24,399	91	97	767	197,915	425,608	2,150	1,690
42	48	95 557	51 131,626	1 242 038,731	24,291	23,830	92	98	439	111,595	227,693	2,040	1,580
43	49	95 242	50 209,992	1 190 907,105	23,719	23,258	93	99	239	59,864	116,098	1,939	1,479
44	50	94 877	49 278,154	1 140 697,113	23,148	22,687	94	100	123	30,428	56,234	1,848	1,387
45	51	94 480	48 346,576	1 091 418,959	22,575	22,114							
46	52	94 040	47 410,303	1 043 072,383	22,001	21,540							
47	53	93 549	46 466,203	995 662,079	21,428	20,967							
48	54	92 999	45 510,118	949 195,876	20,857	20,396							
49	55	92 405	44 551,122	903 685,758	20,284	19,823							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	7	99 602	99 601,823	4 317 870,330	43,351	42,891	50	57	91 401	43 416,070	841 996,503	19,394	18,933
1	8	99 208	97 741,937	4 218 268,507	43,157	42,696	51	58	90 672	42 433,055	798 580,433	18,820	18,359
2	9	99 168	96 258,875	4 120 526,570	42,807	42,346	52	59	89 845	41 424,592	756 147,378	18,254	17,793
3	10	99 143	94 811,890	4 024 267,695	42,445	41,984	53	60	88 973	40 416,346	714 722,786	17,684	17,223
4	11	99 122	93 391,111	3 929 455,805	42,075	41,614	54	61	88 005	39 385,855	674 306,440	17,121	16,660
5	12	99 101	91 991,371	3 836 064,694	41,700	41,239	55	62	86 957	38 341,877	634 920,585	16,559	16,099
6	13	99 082	90 614,806	3 744 073,324	41,319	40,858	56	63	85 824	37 282,996	596 578,708	16,001	15,541
7	14	99 063	89 258,242	3 653 458,518	40,931	40,471	57	64	84 624	36 218,577	559 295,713	15,442	14,981
8	15	99 044	87 922,378	3 564 200,276	40,538	40,077	58	65	83 327	35 136,108	523 077,136	14,887	14,426
9	16	99 023	86 604,922	3 476 277,897	40,139	39,679	59	66	81 949	34 044,450	487 941,028	14,332	13,872
10	17	99 000	85 305,217	3 389 672,975	39,736	39,275	60	67	80 472	32 937,061	453 896,578	13,781	13,320
11	18	98 975	84 023,553	3 304 367,758	39,327	38,866	61	68	78 909	31 819,821	420 959,517	13,229	12,769
12	19	98 944	82 755,814	3 220 344,206	38,914	38,453	62	69	77 270	30 698,530	389 139,697	12,676	12,215
13	20	98 913	81 506,911	3 137 588,391	38,495	38,034	63	70	75 533	29 564,870	358 441,167	12,124	11,663
14	21	98 880	80 275,646	3 056 081,480	38,070	37,609	64	71	73 713	28 425,925	328 876,297	11,570	11,109
15	22	98 844	79 060,885	2 975 805,834	37,639	37,179	65	72	71 738	27 255,515	300 450,372	11,023	10,563
16	23	98 805	77 861,160	2 896 744,949	37,204	36,743	66	73	69 634	26 065,440	273 194,857	10,481	10,020
17	24	98 756	76 673,051	2 818 883,789	36,765	36,304	67	74	67 369	24 844,773	247 129,417	9,947	9,486
18	25	98 703	75 499,096	2 742 210,737	36,321	35,860	68	75	64 933	23 592,622	222 284,645	9,422	8,961
19	26	98 634	74 331,177	2 666 711,641	35,876	35,415	69	76	62 323	22 309,660	198 692,022	8,906	8,445
20	27	98 562	73 179,576	2 592 380,464	35,425	34,964	70	77	59 524	20 992,566	176 382,362	8,402	7,941
21	28	98 483	72 039,965	2 519 200,888	34,969	34,509	71	78	56 556	19 651,095	155 389,796	7,907	7,447
22	29	98 405	70 919,042	2 447 160,923	34,506	34,046	72	79	53 377	18 272,674	135 738,701	7,429	6,968
23	30	98 324	69 813,813	2 376 241,881	34,037	33,576	73	80	50 045	16 878,726	117 466,027	6,959	6,499
24	31	98 245	68 726,666	2 306 428,068	33,559	33,099	74	81	46 523	15 459,107	100 587,301	6,507	6,046
25	32	98 160	67 652,673	2 237 701,402	33,076	32,616	75	82	42 809	14 014,540	85 128,194	6,074	5,613
26	33	98 072	66 592,648	2 170 048,729	32,587	32,126	76	83	38 934	12 557,616	71 113,654	5,663	5,202
27	34	97 979	65 546,425	2 103 456,081	32,091	31,630	77	84	34 973	11 113,559	58 556,038	5,269	4,808
28	35	97 875	64 509,469	2 037 909,657	31,591	31,130	78	85	30 928	9 682,691	47 442,479	4,900	4,439
29	36	97 777	63 492,671	1 973 400,187	31,081	30,620	79	86	26 870	8 287,967	37 759,788	4,556	4,095
30	37	97 667	62 483,513	1 909 907,516	30,567	30,106	80	87	22 906	6 960,820	29 471,821	4,234	3,773
31	38	97 552	61 487,887	1 847 424,003	30,045	29,585	81	88	19 096	5 717,475	22 511,001	3,937	3,476
32	39	97 428	60 502,259	1 785 936,116	29,519	29,058	82	89	15 540	4 583,944	16 793,526	3,664	3,203
33	40	97 292	59 524,915	1 725 433,856	28,987	28,526	83	90	12 269	3 565,643	12 209,582	3,424	2,963
34	41	97 149	58 559,085	1 665 908,942	28,448	27,988	84	91	9 458	2 708,158	8 643,939	3,192	2,731
35	42	96 994	57 601,714	1 607 349,857	27,905	27,444	85	92	7 014	1 978,608	5 935,781	3,000	2,539
36	43	96 827	56 652,317	1 549 748,143	27,355	26,895	86	93	5 069	1 408,800	3 957,173	2,809	2,348
37	44	96 642	55 708,825	1 493 095,826	26,802	26,341	87	94	3 533	967,275	2 548,373	2,635	2,174
38	45	96 442	54 771,876	1 437 387,001	26,243	25,782	88	95	2 365	637,945	1 581,098	2,478	2,018
39	46	96 214	53 834,709	1 382 615,125	25,683	25,222	89	96	1 521	404,124	943,153	2,334	1,873
40	47	95 968	52 903,581	1 328 780,416	25,117	24,656	90	97	931	243,790	539,029	2,211	1,750
41	48	95 688	51 969,775	1 275 876,835	24,550	24,090	91	98	549	141,555	295,239	2,086	1,625
42	49	95 388	51 041,204	1 223 907,060	23,979	23,518	92	99	305	77,537	153,684	1,982	1,521
43	50	95 046	50 106,677	1 172 865,856	23,407	22,947	93	100	161	40,354	76,147	1,887	1,426
44	51	94 668	49 169,594	1 122 759,179	22,834	22,374							
45	52	94 248	48 228,282	1 073 589,585	22,261	21,800							
46	53	93 781	47 280,144	1 025 361,303	21,687	21,226							
47	54	93 268	46 326,500	978 081,158	21,113	20,652							
48	55	92 702	45 364,886	931 754,658	20,539	20,078							
49	56	92 077	44 393,270	886 389,772	19,967	19,506							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	8	99 593	99 593,274	4 297 589,929	43,151	42,691	50	58	91 036	43 242,555	823 981,630	19,055	18,594
1	9	99 201	97 734,739	4 197 996,655	42,953	42,492	51	59	90 272	42 245,827	780 739,076	18,481	18,020
2	10	99 161	96 252,235	4 100 261,916	42,599	42,138	52	60	89 420	41 228,984	738 493,248	17,912	17,451
3	11	99 136	94 805,161	4 004 009,681	42,234	41,773	53	61	88 493	40 198,528	697 264,264	17,346	16,885
4	12	99 114	93 383,642	3 909 204,521	41,862	41,401	54	62	87 499	39 159,516	657 065,736	16,779	16,318
5	13	99 093	91 983,966	3 815 820,878	41,484	41,023	55	63	86 409	38 100,030	617 906,220	16,218	15,757
6	14	99 073	90 606,689	3 723 836,913	41,099	40,638	56	64	85 246	37 031,788	579 806,190	15,657	15,196
7	15	99 052	89 248,568	3 633 230,224	40,709	40,248	57	65	84 002	35 952,392	542 774,402	15,097	14,636
8	16	99 031	87 911,319	3 543 981,656	40,313	39,852	58	66	82 676	34 861,699	506 822,010	14,538	14,077
9	17	99 008	86 591,596	3 456 070,338	39,912	39,452	59	67	81 248	33 753,225	471 960,311	13,983	13,522
10	18	98 984	85 291,528	3 369 478,742	39,505	39,045	60	68	79 738	32 636,270	438 207,086	13,427	12,966
11	19	98 953	84 004,361	3 284 187,213	39,095	38,635	61	69	78 143	31 510,830	405 570,817	12,871	12,410
12	20	98 924	82 738,722	3 200 182,853	38,678	38,217	62	70	76 450	30 372,465	374 059,987	12,316	11,855
13	21	98 891	81 488,817	3 117 444,131	38,256	37,795	63	71	74 656	29 221,778	343 687,522	11,761	11,301
14	22	98 859	80 258,845	3 035 955,314	37,827	37,366	64	72	72 763	28 059,879	314 465,745	11,207	10,746
15	23	98 822	79 043,150	2 955 696,469	37,393	36,933	65	73	70 699	26 860,917	286 405,866	10,663	10,202
16	24	98 782	77 843,363	2 876 653,319	36,954	36,494	66	74	68 502	25 641,584	259 544,948	10,122	9,661
17	25	98 736	76 657,553	2 798 809,956	36,511	36,050	67	75	66 115	24 382,473	233 903,364	9,593	9,132
18	26	98 681	75 482,488	2 722 152,403	36,063	35,603	68	76	63 540	23 086,373	209 520,891	9,076	8,615
19	27	98 610	74 313,586	2 646 669,916	35,615	35,154	69	77	60 797	21 763,234	186 434,518	8,566	8,106
20	28	98 536	73 159,916	2 572 356,330	35,161	34,700	70	78	57 873	20 410,574	164 671,284	8,068	7,607
21	29	98 458	72 021,749	2 499 196,414	34,701	34,240	71	79	54 742	19 020,919	144 260,710	7,584	7,124
22	30	98 376	70 898,694	2 427 174,665	34,234	33,774	72	80	51 439	17 609,268	125 239,791	7,112	6,651
23	31	98 296	69 794,053	2 356 275,971	33,760	33,300	73	81	47 955	16 173,776	107 630,523	6,655	6,194
24	32	98 215	68 705,908	2 286 481,918	33,279	32,818	74	82	44 309	14 723,403	91 456,747	6,212	5,751
25	33	98 126	67 628,692	2 217 776,010	32,793	32,333	75	83	40 448	13 241,717	76 733,344	5,795	5,334
26	34	98 036	66 568,299	2 150 147,318	32,300	31,839	76	84	36 492	11 770,108	63 491,626	5,394	4,934
27	35	97 937	65 518,582	2 083 579,018	31,801	31,341	77	85	32 444	10 309,874	51 721,518	5,017	4,556
28	36	97 836	64 483,810	2 018 060,436	31,296	30,835	78	86	28 368	8 881,403	41 411,644	4,663	4,202
29	37	97 731	63 462,498	1 953 576,626	30,783	30,322	79	87	24 338	7 507,053	32 530,241	4,333	3,872
30	38	97 615	62 450,167	1 890 114,127	30,266	29,805	80	88	20 425	6 207,021	25 023,188	4,031	3,571
31	39	97 498	61 453,656	1 827 663,960	29,741	29,280	81	89	16 761	5 018,302	18 816,167	3,750	3,289
32	40	97 364	60 462,234	1 766 210,305	29,212	28,751	82	90	13 341	3 935,238	13 797,865	3,506	3,045
33	41	97 224	59 482,877	1 705 748,070	28,676	28,215	83	91	10 370	3 013,697	9 862,627	3,273	2,812
34	42	97 071	58 512,150	1 646 265,194	28,135	27,675	84	92	7 778	2 226,955	6 848,930	3,075	2,615
35	43	96 908	57 550,444	1 587 753,043	27,589	27,128	85	93	5 687	1 604,204	4 621,975	2,881	2,420
36	44	96 728	56 594,308	1 530 202,600	27,038	26,577	86	94	4 018	1 116,822	3 017,771	2,702	2,241
37	45	96 534	55 646,255	1 473 608,292	26,482	26,021	87	95	2 735	748,785	1 900,949	2,539	2,078
38	46	96 320	54 702,357	1 417 962,036	25,921	25,461	88	96	1 785	481,614	1 152,164	2,392	1,932
39	47	96 078	53 758,850	1 363 259,679	25,359	24,898	89	97	1 118	297,151	670,550	2,257	1,796
40	48	95 811	52 817,078	1 309 500,829	24,793	24,332	90	98	666	174,366	373,400	2,141	1,681
41	49	95 519	51 877,870	1 256 683,751	24,224	23,763	91	99	381	98,353	199,034	2,024	1,563
42	50	95 192	50 936,179	1 204 805,881	23,653	23,192	92	100	206	52,268	100,681	1,926	1,465
43	51	94 837	49 996,292	1 153 869,703	23,079	22,618							
44	52	94 436	49 049,286	1 103 873,410	22,505	22,045							
45	53	93 990	48 095,878	1 054 824,124	21,932	21,471							
46	54	93 499	47 137,995	1 006 728,246	21,357	20,896							
47	55	92 971	46 178,662	959 590,252	20,780	20,319							
48	56	92 374	45 204,150	913 411,589	20,206	19,746							
49	57	91 730	44 225,809	868 207,439	19,631	19,170							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	9	99 586	99 585,940	4 276 235,463	42,940	42,479	50	59	90 634	43 051,755	805 098,126	18,701	18,240
1	10	99 194	97 727,997	4 176 649,523	42,737	42,277	51	60	89 846	42 046,342	762 046,371	18,124	17,663
2	11	99 154	96 245,404	4 078 921,527	42,380	41,920	52	61	88 939	41 006,787	720 000,030	17,558	17,097
3	12	99 128	94 797,579	3 982 676,123	42,012	41,552	53	62	87 985	39 967,519	678 993,243	16,989	16,528
4	13	99 106	93 376,125	3 887 878,543	41,637	41,176	54	63	86 947	38 912,512	639 025,724	16,422	15,961
5	14	99 084	91 975,726	3 794 502,418	41,255	40,795	55	64	85 827	37 843,317	600 113,213	15,858	15,397
6	15	99 063	90 596,868	3 702 526,692	40,868	40,407	56	65	84 619	36 759,626	562 269,896	15,296	14,835
7	16	99 040	89 237,341	3 611 929,824	40,476	40,015	57	66	83 346	35 671,608	525 510,269	14,732	14,271
8	17	99 016	87 897,792	3 522 692,483	40,077	39,616	58	67	81 969	34 563,483	489 838,661	14,172	13,711
9	18	98 992	86 577,700	3 434 794,692	39,673	39,212	59	68	80 506	33 444,980	455 275,178	13,613	13,152
10	19	98 962	85 272,047	3 348 216,991	39,265	38,804	60	69	78 963	32 319,351	421 830,198	13,052	12,591
11	20	98 932	83 987,010	3 262 944,944	38,851	38,390	61	70	77 313	31 176,137	389 510,847	12,494	12,033
12	21	98 902	82 720,355	3 178 957,934	38,430	37,969	62	71	75 562	30 020,001	358 334,710	11,937	11,476
13	22	98 870	81 471,762	3 096 237,579	38,004	37,543	63	72	73 695	28 845,483	328 314,709	11,382	10,921
14	23	98 837	80 240,840	3 014 765,817	37,571	37,111	64	73	71 710	27 653,636	299 469,226	10,829	10,368
15	24	98 800	79 025,082	2 934 524,976	37,134	36,673	65	74	69 549	26 424,127	271 815,590	10,287	9,826
16	25	98 762	77 827,628	2 855 499,895	36,690	36,229	66	75	67 227	25 164,458	245 391,463	9,752	9,291
17	26	98 715	76 640,690	2 777 672,267	36,243	35,782	67	76	64 697	23 859,275	220 227,006	9,230	8,769
18	27	98 658	75 464,624	2 701 031,577	35,792	35,331	68	77	61 984	22 520,923	196 367,731	8,719	8,259
19	28	98 584	74 293,621	2 625 566,953	35,340	34,880	69	78	59 111	21 159,876	173 846,807	8,216	7,755
20	29	98 511	73 141,416	2 551 273,332	34,881	34,421	70	79	56 017	19 756,042	152 686,931	7,729	7,268
21	30	98 430	72 001,084	2 478 131,916	34,418	33,957	71	80	52 755	18 330,347	132 930,889	7,252	6,791
22	31	98 349	70 878,627	2 406 130,832	33,947	33,486	72	81	49 291	16 873,807	114 600,542	6,792	6,331
23	32	98 267	69 772,974	2 335 252,204	33,469	33,008	73	82	45 673	15 404,060	97 726,735	6,344	5,883
24	33	98 180	68 681,554	2 265 479,231	32,985	32,524	74	83	41 866	13 911,491	82 322,674	5,918	5,457
25	34	98 090	67 603,965	2 196 797,677	32,495	32,034	75	84	37 911	12 411,308	68 411,183	5,512	5,051
26	35	97 994	66 540,023	2 129 193,712	31,999	31,538	76	85	33 853	10 918,944	55 999,875	5,129	4,668
27	36	97 898	65 492,522	2 062 653,689	31,494	31,034	77	86	29 759	9 456,684	45 080,931	4,767	4,306
28	37	97 790	64 453,167	1 997 161,168	30,986	30,525	78	87	25 695	8 044,574	35 624,247	4,428	3,968
29	38	97 679	63 428,630	1 932 708,001	30,471	30,010	79	88	21 702	6 694,102	27 579,673	4,120	3,659
30	39	97 560	62 415,400	1 869 279,371	29,949	29,488	80	89	17 927	5 447,982	20 885,571	3,834	3,373
31	40	97 433	61 413,001	1 806 863,971	29,422	28,961	81	90	14 389	4 308,127	15 437,588	3,583	3,123
32	41	97 295	60 419,534	1 745 450,970	28,889	28,428	82	91	11 276	3 326,081	11 129,462	3,346	2,885
33	42	97 146	59 435,201	1 685 031,436	28,351	27,890	83	92	8 527	2 478,204	7 803,381	3,149	2,688
34	43	96 985	58 460,070	1 625 596,235	27,807	27,346	84	93	6 306	1 805,557	5 325,177	2,949	2,489
35	44	96 809	57 491,515	1 567 136,165	27,259	26,798	85	94	4 508	1 271,729	3 519,620	2,768	2,307
36	45	96 619	56 530,744	1 509 644,650	26,705	26,244	86	95	3 111	864,552	2 247,891	2,600	2,139
37	46	96 411	55 575,627	1 453 113,906	26,147	25,686	87	96	2 065	565,292	1 383,340	2,447	1,986
38	47	96 184	54 625,276	1 397 538,278	25,584	25,123	88	97	1 313	354,128	818,048	2,310	1,849
39	48	95 921	53 670,948	1 342 913,003	25,021	24,560	89	98	800	212,531	463,920	2,183	1,722
40	49	95 642	52 723,675	1 289 242,055	24,453	23,992	90	99	463	121,151	251,389	2,075	1,614
41	50	95 322	51 771,123	1 236 518,380	23,884	23,424	91	100	257	66,300	130,238	1,964	1,504
42	51	94 982	50 823,967	1 184 747,257	23,311	22,850							
43	52	94 605	49 873,961	1 133 923,290	22,736	22,275							
44	53	94 177	48 914,628	1 084 049,329	22,162	21,701							
45	54	93 707	47 951,275	1 035 134,701	21,587	21,126							
46	55	93 201	46 987,567	987 183,426	21,009	20,549							
47	56	92 641	46 015,044	940 195,859	20,432	19,972							
48	57	92 025	45 033,631	894 180,815	19,856	19,395							
49	58	91 363	44 049,058	849 147,184	19,277	18,817							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	10	99 579	99 579,070	4 253 805,104	42,718	42,257
1	11	99 187	97 721,061	4 154 226,034	42,511	42,050
2	12	99 146	96 237,708	4 056 504,974	42,151	41,690
3	13	99 120	94 789,948	3 960 267,266	41,779	41,319
4	14	99 097	93 367,761	3 865 477,318	41,401	40,940
5	15	99 073	91 965,757	3 772 109,557	41,016	40,556
6	16	99 050	90 585,472	3 680 143,800	40,626	40,165
7	17	99 024	89 223,610	3 589 558,328	40,231	39,770
8	18	99 000	87 883,686	3 500 334,718	39,829	39,368
9	19	98 969	86 557,925	3 412 451,032	39,424	38,963
10	20	98 941	85 254,435	3 325 893,107	39,011	38,551
11	21	98 910	83 968,366	3 240 638,672	38,594	38,133
12	22	98 881	82 703,042	3 156 670,306	38,169	37,708
13	23	98 848	81 453,486	3 073 967,264	37,739	37,278
14	24	98 815	80 222,499	2 992 513,778	37,303	36,842
15	25	98 780	79 009,108	2 912 291,279	36,860	36,399
16	26	98 740	77 810,507	2 833 282,171	36,413	35,952
17	27	98 691	76 622,552	2 755 471,664	35,962	35,501
18	28	98 631	75 444,350	2 678 849,112	35,508	35,047
19	29	98 559	74 274,835	2 603 404,762	35,051	34,590
20	30	98 483	73 120,431	2 529 129,928	34,589	34,128
21	31	98 402	71 980,706	2 456 009,497	34,120	33,660
22	32	98 319	70 857,220	2 384 028,791	33,646	33,185
23	33	98 232	69 748,241	2 313 171,571	33,165	32,704
24	34	98 145	68 656,442	2 243 423,330	32,676	32,215
25	35	98 048	67 575,248	2 174 766,889	32,183	31,722
26	36	97 955	66 513,556	2 107 191,640	31,681	31,220
27	37	97 852	65 461,399	2 040 678,084	31,174	30,713
28	38	97 738	64 418,769	1 975 216,686	30,662	30,201
29	39	97 624	63 393,318	1 910 797,916	30,142	29,681
30	40	97 496	62 374,109	1 847 404,599	29,618	29,157
31	41	97 365	61 369,630	1 785 030,490	29,087	28,626
32	42	97 217	60 371,108	1 723 660,860	28,551	28,090
33	43	97 059	59 382,299	1 663 289,752	28,010	27,549
34	44	96 886	58 400,210	1 603 907,453	27,464	27,003
35	45	96 700	57 426,944	1 545 507,243	26,913	26,452
36	46	96 496	56 458,993	1 488 080,299	26,357	25,896
37	47	96 275	55 497,315	1 431 621,306	25,796	25,335
38	48	96 027	54 535,957	1 376 123,991	25,233	24,773
39	49	95 752	53 576,035	1 321 588,034	24,668	24,207
40	50	95 445	52 615,188	1 268 011,999	24,100	23,639
41	51	95 112	51 657,072	1 215 396,811	23,528	23,067
42	52	94 750	50 699,611	1 163 739,740	22,954	22,493
43	53	94 345	49 737,039	1 113 040,129	22,378	21,918
44	54	93 894	48 767,564	1 063 303,090	21,803	21,343
45	55	93 408	47 798,252	1 014 535,526	21,225	20,765
46	56	92 871	46 821,082	966 737,274	20,647	20,187
47	57	92 292	45 841,465	919 916,192	20,067	19,607
48	58	91 657	44 853,651	874 074,726	19,487	19,026
49	59	90 960	43 854,700	829 221,075	18,908	18,448
50	60	90 206	42 848,464	785 366,376	18,329	17,868
51	61	89 361	41 819,739	742 517,912	17,755	17,294
52	62	88 427	40 771,133	700 698,173	17,186	16,725
53	63	87 430	39 715,418	659 927,040	16,616	16,156
54	64	86 361	38 650,325	620 211,622	16,047	15,586
55	65	85 196	37 565,191	581 561,298	15,481	15,021
56	66	83 958	36 472,538	543 996,107	14,915	14,454
57	67	82 633	35 366,464	507 523,569	14,350	13,890
58	68	81 220	34 247,839	472 157,105	13,786	13,326
59	69	79 724	33 120,208	437 909,266	13,222	12,761
60	70	78 125	31 976,070	404 789,057	12,659	12,198
61	71	76 416	30 814,347	372 812,987	12,099	11,638
62	72	74 589	29 633,427	341 998,640	11,541	11,080
63	73	72 628	28 427,866	312 365,213	10,988	10,527
64	74	70 544	27 203,955	283 937,347	10,437	9,977
65	75	68 255	25 932,439	256 733,392	9,900	9,439
66	76	65 785	24 624,480	230 800,953	9,373	8,912
67	77	63 112	23 274,894	206 176,473	8,858	8,398
68	78	60 265	21 896,560	182 901,579	8,353	7,892
69	79	57 216	20 481,316	161 005,019	7,861	7,400
70	80	53 984	19 038,781	140 523,703	7,381	6,920
71	81	50 551	17 564,769	121 484,922	6,916	6,456
72	82	46 945	16 070,776	103 920,152	6,466	6,006
73	83	43 154	14 554,614	87 849,376	6,036	5,575
74	84	39 240	13 039,079	73 294,762	5,621	5,160
75	85	35 170	11 513,776	60 255,682	5,233	4,773
76	86	31 052	10 015,351	48 741,907	4,867	4,406
77	87	26 955	8 565,650	38 726,556	4,521	4,060
78	88	22 913	7 173,414	30 160,906	4,205	3,744
79	89	19 049	5 875,499	22 987,492	3,912	3,452
80	90	15 390	4 677,000	17 111,992	3,659	3,198
81	91	12 162	3 641,248	12 434,992	3,415	2,954
82	92	9 272	2 735,081	8 793,744	3,215	2,754
83	93	6 914	2 009,263	6 058,663	3,015	2,555
84	94	4 999	1 431,351	4 049,400	2,829	2,368
85	95	3 490	984,467	2 618,049	2,659	2,199
86	96	2 348	652,690	1 633,582	2,503	2,042
87	97	1 518	415,657	980,892	2,360	1,899
88	98	939	253,283	565,236	2,232	1,771
89	99	556	147,668	311,953	2,113	1,652
90	100	312	81,667	164,285	2,012	1,551

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	11	99 572	99 572,003	4 230 301,116	42,485	42,024	50	61	89 720	42 617,538	764 805,577	17,946	17,485
1	12	99 179	97 713,246	4 130 729,113	42,274	41,813	51	62	88 848	41 579,413	722 188,039	17,369	16,908
2	13	99 139	96 229,960	4 033 015,867	41,910	41,449	52	63	87 870	40 513,963	680 608,626	16,799	16,339
3	14	99 111	94 781,457	3 936 785,907	41,535	41,075	53	64	86 841	39 447,821	640 094,663	16,226	15,766
4	15	99 086	93 357,641	3 842 004,449	41,154	40,693	54	65	85 727	38 366,267	600 646,842	15,656	15,195
5	16	99 061	91 954,189	3 748 646,808	40,766	40,306	55	66	84 530	37 271,812	562 280,575	15,086	14,625
6	17	99 035	90 571,533	3 656 692,620	40,374	39,913	56	67	83 240	36 160,543	525 008,763	14,519	14,058
7	18	99 008	89 209,292	3 566 121,086	39,975	39,514	57	68	81 879	35 043,487	488 848,221	13,950	13,489
8	19	98 978	87 863,613	3 476 911,795	39,572	39,111	58	69	80 431	33 915,271	453 804,734	13,381	12,920
9	20	98 949	86 540,048	3 389 048,182	39,162	38,701	59	70	78 877	32 768,421	419 889,463	12,814	12,353
10	21	98 919	85 235,509	3 302 508,134	38,746	38,285	60	71	77 218	31 604,997	387 121,042	12,249	11,788
11	22	98 890	83 950,792	3 217 272,625	38,323	37,863	61	72	75 431	30 417,545	355 516,045	11,688	11,227
12	23	98 859	82 684,490	3 133 321,833	37,895	37,434	62	73	73 509	29 204,403	325 098,500	11,132	10,671
13	24	98 825	81 434,867	3 050 637,343	37,461	37,000	63	74	71 447	27 965,595	295 894,098	10,581	10,120
14	25	98 795	80 206,283	2 969 202,476	37,020	36,559	64	75	69 231	26 697,756	267 928,502	10,036	9,575
15	26	98 758	78 991,728	2 888 996,193	36,573	36,113	65	76	66 791	25 375,982	241 230,747	9,506	9,045
16	27	98 717	77 792,092	2 810 004,466	36,122	35,661	66	77	64 174	24 021,358	215 854,764	8,986	8,525
17	28	98 665	76 601,967	2 732 212,374	35,668	35,207	67	78	61 362	22 629,628	191 833,407	8,477	8,016
18	29	98 607	75 425,272	2 655 610,407	35,208	34,748	68	79	58 333	21 194,375	169 203,779	7,983	7,523
19	30	98 531	74 253,524	2 580 185,134	34,748	34,288	69	80	55 138	19 737,723	148 009,403	7,499	7,038
20	31	98 455	73 099,735	2 505 931,611	34,281	33,820	70	81	51 729	18 243,615	128 271,680	7,031	6,570
21	32	98 372	71 958,966	2 432 831,875	33,809	33,348	71	82	48 145	16 728,856	110 028,065	6,577	6,116
22	33	98 284	70 832,103	2 360 872,910	33,331	32,870	72	83	44 357	15 184,565	93 299,209	6,144	5,684
23	34	98 196	69 722,738	2 290 040,807	32,845	32,384	73	84	40 448	13 641,871	78 114,645	5,726	5,265
24	35	98 103	68 627,278	2 220 318,068	32,353	31,892	74	85	36 403	12 096,149	64 472,773	5,330	4,869
25	36	98 009	67 548,370	2 151 690,790	31,854	31,393	75	86	32 259	10 560,957	52 376,624	4,959	4,499
26	37	97 909	66 481,948	2 084 142,420	31,349	30,888	76	87	28 126	9 071,677	41 815,667	4,609	4,149
27	38	97 799	65 426,463	2 017 660,472	30,839	30,378	77	88	24 036	7 638,062	32 743,989	4,287	3,826
28	39	97 683	64 382,906	1 952 234,009	30,322	29,861	78	89	20 111	6 296,198	25 105,927	3,987	3,527
29	40	97 560	63 351,380	1 887 851,103	29,800	29,339	79	90	16 353	5 044,016	18 809,729	3,729	3,268
30	41	97 427	62 330,059	1 824 499,723	29,272	28,811	80	91	13 008	3 953,022	13 765,713	3,482	3,022
31	42	97 287	61 320,442	1 762 169,664	28,737	28,276	81	92	10 001	2 994,247	9 812,691	3,277	2,816
32	43	97 131	60 317,373	1 700 849,222	28,198	27,738	82	93	7 518	2 217,533	6 818,444	3,075	2,614
33	44	96 960	59 321,495	1 640 531,849	27,655	27,194	83	94	5 481	1 592,838	4 600,912	2,888	2,428
34	45	96 777	58 334,618	1 581 210,354	27,106	26,645	84	95	3 870	1 108,034	3 008,073	2,715	2,254
35	46	96 577	57 354,055	1 522 875,737	26,552	26,091	85	96	2 635	743,219	1 900,040	2,556	2,096
36	47	96 360	56 379,437	1 465 521,681	25,994	25,533	86	97	1 727	479,920	1 156,820	2,410	1,950
37	48	96 118	55 406,570	1 409 142,245	25,433	24,972	87	98	1 086	297,290	676,901	2,277	1,816
38	49	95 857	54 439,514	1 353 735,674	24,867	24,406	88	99	652	175,983	379,611	2,157	1,696
39	50	95 555	53 465,794	1 299 296,160	24,301	23,841	89	100	375	99,543	203,628	2,046	1,585
40	51	95 235	52 499,277	1 245 830,366	23,730	23,270							
41	52	94 880	51 530,677	1 193 331,090	23,158	22,697							
42	53	94 490	50 560,422	1 141 800,413	22,583	22,122							
43	54	94 062	49 587,502	1 091 239,991	22,006	21,546							
44	55	93 594	48 611,936	1 041 652,489	21,428	20,967							
45	56	93 077	47 628,895	993 040,553	20,850	20,389							
46	57	92 521	46 644,463	945 411,658	20,268	19,808							
47	58	91 923	45 658,257	898 767,194	19,685	19,224							
48	59	91 253	44 655,743	853 108,937	19,104	18,643							
49	60	90 531	43 647,617	808 453,194	18,522	18,061							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß 1,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	12	99 564	99 564,040	4 205 729,324	42,241	41,781	50	62	89 205	42 372,628	743 453,520	17,546	17,085
1	13	99 171	97 705,380	4 106 165,284	42,026	41,565	51	63	88 287	41 317,145	701 080,892	16,968	16,507
2	14	99 130	96 221,341	4 008 459,903	41,659	41,198	52	64	87 278	40 240,985	659 763,747	16,395	15,935
3	15	99 100	94 771,184	3 912 238,563	41,281	40,820	53	65	86 202	39 157,903	619 522,762	15,821	15,360
4	16	99 074	93 345,897	3 817 467,379	40,896	40,435	54	66	85 057	38 066,632	580 364,859	15,246	14,785
5	17	99 046	91 940,039	3 724 121,481	40,506	40,045	55	67	83 807	36 952,979	542 298,228	14,675	14,215
6	18	99 019	90 556,999	3 632 181,442	40,109	39,649	56	68	82 480	35 830,314	505 345,249	14,104	13,643
7	19	98 986	89 188,915	3 541 624,443	39,709	39,248	57	69	81 084	34 703,192	469 514,935	13,529	13,069
8	20	98 957	87 845,465	3 452 435,527	39,301	38,840	58	70	79 577	33 555,039	434 811,743	12,958	12,497
9	21	98 927	86 520,836	3 364 590,062	38,888	38,427	59	71	77 962	32 388,153	401 256,703	12,389	11,928
10	22	98 899	85 217,670	3 278 069,225	38,467	38,006	60	72	76 224	31 198,013	368 868,550	11,823	11,363
11	23	98 868	83 931,960	3 192 851,555	38,041	37,580	61	73	74 339	29 977,168	337 670,537	11,264	10,803
12	24	98 836	82 665,589	3 108 919,596	37,608	37,148	62	74	72 314	28 729,504	307 693,369	10,710	10,249
13	25	98 806	81 418,406	3 026 254,006	37,169	36,708	63	75	70 118	27 445,224	278 963,865	10,164	9,704
14	26	98 773	80 188,639	2 944 835,600	36,724	36,263	64	76	67 746	26 124,877	251 518,641	9,628	9,167
15	27	98 735	78 973,033	2 864 646,961	36,274	35,813	65	77	65 155	24 754,453	225 393,764	9,105	8,644
16	28	98 691	77 771,193	2 785 673,928	35,819	35,358	66	78	62 394	23 355,397	200 639,311	8,591	8,130
17	29	98 640	76 582,597	2 707 902,735	35,359	34,898	67	79	59 395	21 903,935	177 283,914	8,094	7,633
18	30	98 578	75 403,631	2 631 320,138	34,896	34,436	68	80	56 215	20 424,894	155 379,979	7,607	7,147
19	31	98 503	74 232,508	2 555 916,507	34,431	33,970	69	81	52 835	18 913,366	134 955,085	7,135	6,675
20	32	98 425	73 077,657	2 481 683,999	33,960	33,499	70	82	49 267	17 375,395	116 041,719	6,679	6,218
21	33	98 337	71 933,458	2 408 606,342	33,484	33,023	71	83	45 491	15 806,355	98 666,324	6,242	5,781
22	34	98 248	70 806,204	2 336 672,884	33,001	32,540	72	84	41 575	14 232,316	82 859,970	5,822	5,361
23	35	98 154	69 693,122	2 265 866,679	32,512	32,051	73	85	37 523	12 655,350	68 627,653	5,423	4,962
24	36	98 064	68 599,981	2 196 173,557	32,014	31,553	74	86	33 390	11 095,137	55 972,303	5,045	4,584
25	37	97 962	67 516,270	2 127 573,576	31,512	31,051	75	87	29 220	9 565,876	44 877,167	4,691	4,231
26	38	97 856	66 446,468	2 060 057,306	31,003	30,542	76	88	25 080	8 089,291	35 311,291	4,365	3,904
27	39	97 745	65 390,039	1 993 610,839	30,488	30,027	77	89	21 097	6 704,025	27 222,000	4,061	3,600
28	40	97 619	64 340,314	1 928 220,800	29,969	29,508	78	90	17 265	5 405,179	20 517,975	3,796	3,335
29	41	97 491	63 306,640	1 863 880,486	29,442	28,981	79	91	13 822	4 263,225	15 112,796	3,545	3,084
30	42	97 349	62 280,102	1 800 573,846	28,911	28,450	80	92	10 697	3 250,623	10 849,571	3,338	2,877
31	43	97 200	61 265,862	1 738 293,745	28,373	27,912	81	93	8 108	2 427,658	7 598,948	3,130	2,669
32	44	97 031	60 255,611	1 677 027,883	27,832	27,371	82	94	5 960	1 757,943	5 171,290	2,942	2,481
33	45	96 851	59 254,868	1 616 772,271	27,285	26,824	83	95	4 243	1 233,044	3 413,347	2,768	2,307
34	46	96 654	58 260,577	1 557 517,404	26,734	26,273	84	96	2 922	836,505	2 180,303	2,606	2,146
35	47	96 441	57 273,237	1 499 256,826	26,177	25,716	85	97	1 937	546,486	1 343,798	2,459	1,998
36	48	96 203	56 287,249	1 441 983,589	25,618	25,158	86	98	1 235	343,252	797,312	2,323	1,862
37	49	95 984	55 308,588	1 385 696,340	25,054	24,593	87	99	754	206,559	454,059	2,198	1,737
38	50	95 660	54 327,496	1 330 387,752	24,488	24,027	88	100	440	118,630	247,500	2,086	1,626
39	51	95 344	53 348,009	1 276 060,255	23,920	23,459							
40	52	95 002	52 370,822	1 222 712,246	23,347	22,886							
41	53	94 619	51 389,207	1 170 341,425	22,774	22,313							
42	54	94 206	50 408,409	1 118 952,218	22,198	21,737							
43	55	93 761	49 429,258	1 068 543,809	21,618	21,157							
44	56	93 263	48 439,696	1 019 114,551	21,039	20,578							
45	57	92 726	47 449,229	970 674,855	20,457	19,996							
46	58	92 151	46 458,046	923 225,626	19,872	19,411							
47	59	91 517	45 456,799	876 767,580	19,288	18,827							
48	60	90 822	44 444,878	831 310,782	18,704	18,244							
49	61	90 043	43 412,384	786 865,904	18,125	17,665							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	13	99 556	99 556,026	4 180 098,622	41,987	41,527	50	63	88 642	42 105,356	721 336,987	17,132	16,671
1	14	99 162	97 696,628	4 080 542,597	41,767	41,307	51	64	87 692	41 038,756	679 231,631	16,551	16,090
2	15	99 119	96 210,911	3 982 845,968	41,397	40,936	52	65	86 636	39 945,238	638 192,875	15,977	15,516
3	16	99 088	94 759,263	3 886 635,057	41,016	40,555	53	66	85 529	38 852,084	598 247,637	15,398	14,937
4	17	99 059	93 331,534	3 791 875,794	40,628	40,167	54	67	84 330	37 741,000	559 395,553	14,822	14,361
5	18	99 030	91 925,286	3 698 544,260	40,234	39,773	55	68	83 042	36 615,513	521 654,553	14,247	13,786
6	19	98 996	90 536,315	3 606 618,975	39,836	39,375	56	69	81 679	35 482,379	485 039,040	13,670	13,209
7	20	98 965	89 170,494	3 516 082,660	39,431	38,970	57	70	80 223	34 334,592	449 556,661	13,093	12,633
8	21	98 935	87 825,965	3 426 912,165	39,019	38,559	58	71	78 654	33 165,642	415 222,070	12,520	12,059
9	22	98 906	86 502,729	3 339 086,201	38,601	38,140	59	72	76 958	31 971,085	382 056,427	11,950	11,489
10	23	98 876	85 198,553	3 252 583,472	38,177	37,716	60	73	75 120	30 746,337	350 085,343	11,386	10,925
11	24	98 845	83 912,774	3 167 384,919	37,746	37,285	61	74	73 131	29 489,703	319 339,006	10,829	10,368
12	25	98 817	82 648,880	3 083 472,145	37,308	36,847	62	75	70 968	28 194,593	289 849,302	10,280	9,819
13	26	98 784	81 400,496	3 000 823,265	36,865	36,404	63	76	68 613	26 856,306	261 654,384	9,743	9,282
14	27	98 749	80 169,661	2 919 422,769	36,416	35,955	64	77	66 086	25 485,006	234 798,077	9,213	8,752
15	28	98 708	78 951,817	2 839 253,108	35,962	35,501	65	78	63 348	24 068,168	209 313,072	8,697	8,236
16	29	98 666	77 751,527	2 760 301,291	35,502	35,041	66	79	60 394	22 606,430	185 244,904	8,194	7,734
17	30	98 612	76 560,623	2 682 549,764	35,038	34,577	67	80	57 238	21 108,693	162 638,474	7,705	7,244
18	31	98 550	75 382,290	2 605 989,140	34,570	34,110	68	81	53 867	19 571,836	141 529,782	7,231	6,771
19	32	98 473	74 210,087	2 530 606,851	34,101	33,640	69	82	50 321	18 013,272	121 957,945	6,770	6,310
20	33	98 390	73 051,753	2 456 396,763	33,625	33,165	70	83	46 550	16 417,241	103 944,673	6,331	5,871
21	34	98 301	71 907,157	2 383 345,010	33,145	32,684	71	84	42 638	14 815,113	87 527,432	5,908	5,447
22	35	98 206	70 776,128	2 311 437,853	32,658	32,198	72	85	38 568	13 203,096	72 712,319	5,507	5,046
23	36	98 115	69 665,401	2 240 661,725	32,163	31,702	73	86	34 418	11 608,061	59 509,223	5,127	4,666
24	37	98 017	68 567,382	2 170 996,324	31,662	31,201	74	87	30 244	10 049,723	47 901,162	4,766	4,306
25	38	97 910	67 480,238	2 102 428,943	31,156	30,695	75	88	26 056	8 529,972	37 851,439	4,437	3,977
26	39	97 802	66 409,476	2 034 948,705	30,642	30,182	76	89	22 013	7 100,075	29 321,467	4,130	3,669
27	40	97 680	65 346,780	1 968 539,229	30,125	29,664	77	90	18 111	5 755,292	22 221,392	3,861	3,400
28	41	97 550	64 294,875	1 903 192,449	29,601	29,140	78	91	14 592	4 568,481	16 466,100	3,604	3,143
29	42	97 413	63 255,900	1 838 897,574	29,071	28,610	79	92	11 366	3 505,707	11 897,619	3,394	2,933
30	43	97 262	62 224,667	1 775 641,674	28,536	28,075	80	93	8 673	2 635,521	8 391,912	3,184	2,723
31	44	97 100	61 203,129	1 713 417,007	27,996	27,535	81	94	6 428	1 924,519	5 756,391	2,991	2,530
32	45	96 922	60 187,935	1 652 213,878	27,451	26,990	82	95	4 613	1 360,854	3 831,872	2,816	2,355
33	46	96 728	59 179,660	1 592 025,943	26,902	26,441	83	96	3 203	930,881	2 471,017	2,654	2,194
34	47	96 518	58 178,482	1 532 846,284	26,347	25,887	84	97	2 148	615,079	1 540,136	2,504	2,043
35	48	96 284	57 179,589	1 474 667,802	25,790	25,329	85	98	1 386	390,862	925,058	2,367	1,906
36	49	96 033	56 187,709	1 417 488,213	25,228	24,767	86	99	858	238,495	534,195	2,240	1,779
37	50	95 751	55 194,782	1 361 300,504	24,664	24,203	87	100	509	139,241	295,701	2,124	1,663
38	51	95 449	54 207,813	1 306 105,722	24,094	23,634							
39	52	95 111	53 217,477	1 251 897,909	23,524	23,063							
40	53	94 741	52 227,044	1 198 680,431	22,951	22,491							
41	54	94 335	51 234,703	1 146 453,387	22,377	21,916							
42	55	93 905	50 247,545	1 095 218,684	21,796	21,336							
43	56	93 429	49 254,122	1 044 971,139	21,216	20,755							
44	57	92 911	48 256,971	995 717,017	20,634	20,173							
45	58	92 355	47 259,595	947 460,046	20,048	19,587							
46	59	91 744	46 253,059	900 200,451	19,463	19,002							
47	60	91 085	45 242,151	853 947,392	18,875	18,414							
48	61	90 333	44 205,348	808 705,242	18,294	17,833							
49	62	89 525	43 162,906	764 499,893	17,712	17,251							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß 1,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	14	99 547	99 547,108	4 153 418,896	41,723	41,262
1	15	99 151	97 686,039	4 053 871,789	41,499	41,038
2	16	99 106	96 198,809	3 956 185,749	41,125	40,664
3	17	99 072	94 744,682	3 859 986,940	40,741	40,280
4	18	99 043	93 316,557	3 765 242,258	40,349	39,888
5	19	99 007	91 904,289	3 671 925,701	39,954	39,493
6	20	98 976	90 517,616	3 580 021,413	39,551	39,090
7	21	98 943	89 150,699	3 489 503,797	39,142	38,681
8	22	98 915	87 807,584	3 400 353,098	38,725	38,264
9	23	98 884	86 483,323	3 312 545,514	38,303	37,842
10	24	98 854	85 179,078	3 226 062,191	37,874	37,413
11	25	98 825	83 895,812	3 140 883,112	37,438	36,977
12	26	98 795	82 630,699	3 056 987,300	36,996	36,535
13	27	98 760	81 381,231	2 974 356,601	36,548	36,088
14	28	98 723	80 148,124	2 892 975,370	36,095	35,635
15	29	98 683	78 931,852	2 812 827,246	35,636	35,175
16	30	98 637	77 729,219	2 733 895,394	35,172	34,711
17	31	98 584	76 538,954	2 656 166,175	34,703	34,243
18	32	98 521	75 359,522	2 579 627,221	34,231	33,770
19	33	98 438	74 183,782	2 504 267,699	33,758	33,297
20	34	98 354	73 025,043	2 430 083,917	33,277	32,817
21	35	98 259	71 876,612	2 357 058,874	32,793	32,332
22	36	98 167	70 747,976	2 285 182,261	32,300	31,840
23	37	98 069	69 632,295	2 214 434,285	31,802	31,341
24	38	97 965	68 530,788	2 144 801,990	31,297	30,836
25	39	97 856	67 442,670	2 076 271,202	30,786	30,325
26	40	97 737	66 365,543	2 008 828,531	30,269	29,808
27	41	97 611	65 300,631	1 942 462,989	29,746	29,286
28	42	97 471	64 243,343	1 877 162,358	29,220	28,759
29	43	97 326	63 199,596	1 812 919,015	28,686	28,225
30	44	97 163	62 160,953	1 749 719,419	28,148	27,687
31	45	96 991	61 134,389	1 687 558,466	27,604	27,143
32	46	96 799	60 111,542	1 626 424,077	27,057	26,596
33	47	96 592	59 096,269	1 566 312,535	26,504	26,044
34	48	96 360	58 083,353	1 507 216,266	25,949	25,488
35	49	96 113	57 078,471	1 449 132,913	25,388	24,928
36	50	95 835	56 072,095	1 392 054,442	24,826	24,365
37	51	95 540	55 073,188	1 335 982,347	24,258	23,798
38	52	95 215	54 075,178	1 280 909,159	23,688	23,227
39	53	94 850	53 071,376	1 226 833,982	23,117	22,656
40	54	94 456	52 070,021	1 173 762,606	22,542	22,081
41	55	94 034	51 071,201	1 121 692,585	21,963	21,503
42	56	93 572	50 069,510	1 070 621,383	21,383	20,922
43	57	93 077	49 068,325	1 020 551,873	20,799	20,338
44	58	92 539	48 064,109	971 483,548	20,212	19,751
45	59	91 948	47 051,071	923 419,439	19,626	19,165
46	60	91 311	46 034,651	876 368,368	19,037	18,576
47	61	90 594	44 998,325	830 333,717	18,453	17,992
48	62	89 814	43 951,313	785 335,393	17,868	17,408
49	63	88 961	42 890,650	741 384,079	17,285	16,825

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
50	64	88 045	41 821,656	698 493,430	16,702	16,241
51	65	87 048	40 737,145	656 671,774	16,120	15,659
52	66	85 960	39 633,271	615 934,628	15,541	15,080
53	67	84 798	38 519,734	576 301,358	14,961	14,500
54	68	83 559	37 396,338	537 781,624	14,381	13,920
55	69	82 236	36 259,953	500 385,287	13,800	13,339
56	70	80 812	35 105,502	464 125,333	13,221	12,760
57	71	79 292	33 936,148	429 019,831	12,642	12,181
58	72	77 641	32 738,562	395 083,683	12,068	11,607
59	73	75 844	31 508,216	362 345,121	11,500	11,039
60	74	73 899	30 246,365	330 836,905	10,938	10,477
61	75	71 770	28 940,972	300 590,540	10,386	9,926
62	76	69 446	27 589,914	271 649,568	9,846	9,385
63	77	66 933	26 198,520	244 059,654	9,316	8,855
64	78	64 254	24 778,467	217 861,134	8,792	8,332
65	79	61 317	23 296,344	193 082,667	8,288	7,827
66	80	58 201	21 785,682	169 786,323	7,793	7,333
67	81	54 848	20 227,076	148 000,641	7,317	6,856
68	82	51 303	18 640,406	127 773,565	6,855	6,394
69	83	47 546	17 019,942	109 133,159	6,412	5,951
70	84	43 631	15 387,690	92 113,217	5,986	5,525
71	85	39 554	13 743,748	76 725,527	5,583	5,122
72	86	35 377	12 110,479	62 981,779	5,201	4,740
73	87	31 175	10 514,318	50 871,300	4,838	4,377
74	88	26 969	8 961,423	40 356,982	4,503	4,043
75	89	22 869	7 486,866	31 395,560	4,193	3,733
76	90	18 898	6 095,294	23 908,694	3,922	3,462
77	91	15 308	4 864,398	17 813,400	3,662	3,201
78	92	11 999	3 756,724	12 949,002	3,447	2,986
79	93	9 215	2 842,337	9 192,278	3,234	2,773
80	94	6 875	2 089,302	6 349,942	3,039	2,578
81	95	4 976	1 489,804	4 260,640	2,860	2,399
82	96	3 483	1 027,371	2 770,836	2,697	2,236
83	97	2 355	684,473	1 743,464	2,547	2,086
84	98	1 536	439,922	1 058,991	2,407	1,946
85	99	963	271,574	619,070	2,280	1,819
86	100	578	160,768	347,495	2,161	1,701

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	15	99 536	99 536,318	4 125 702,242	41,449	40,988	50	65	87 398	41 514,292	674 956,058	16,258	15,798
1	16	99 139	97 673,751	4 026 165,924	41,221	40,760	51	66	86 368	40 418,993	633 441,766	15,672	15,211
2	17	99 091	96 184,007	3 928 492,173	40,844	40,383	52	67	85 224	39 294,237	593 022,773	15,092	14,631
3	18	99 057	94 729,478	3 832 308,167	40,455	39,994	53	68	84 023	38 167,960	553 728,536	14,508	14,047
4	19	99 020	93 295,242	3 737 578,688	40,062	39,601	54	69	82 748	37 033,196	515 560,576	13,922	13,461
5	20	98 987	91 885,307	3 644 283,446	39,661	39,200	55	70	81 362	35 874,818	478 527,381	13,339	12,878
6	21	98 954	90 497,522	3 552 398,139	39,254	38,793	56	71	79 874	34 698,112	442 652,563	12,757	12,296
7	22	98 923	89 132,041	3 461 900,618	38,840	38,379	57	72	78 271	33 499,146	407 954,451	12,178	11,717
8	23	98 892	87 787,886	3 372 768,576	38,420	37,959	58	73	76 517	32 264,582	374 455,305	11,606	11,145
9	24	98 862	86 463,555	3 284 980,691	37,993	37,532	59	74	74 611	30 995,855	342 190,722	11,040	10,579
10	25	98 834	85 161,861	3 198 517,136	37,558	37,097	60	75	72 523	29 683,554	311 194,868	10,484	10,023
11	26	98 803	83 877,357	3 113 355,275	37,118	36,657	61	76	70 230	28 319,959	281 511,313	9,940	9,480
12	27	98 771	82 611,143	3 029 477,918	36,672	36,211	62	77	67 745	26 914,159	253 191,354	9,407	8,947
13	28	98 734	81 359,368	2 946 866,775	36,220	35,760	63	78	65 077	25 472,200	226 277,195	8,883	8,423
14	29	98 698	80 127,857	2 865 507,407	35,762	35,301	64	79	62 194	23 983,864	200 804,995	8,373	7,912
15	30	98 655	78 909,205	2 785 379,551	35,299	34,838	65	80	59 091	22 450,548	176 821,131	7,876	7,415
16	31	98 609	77 707,219	2 706 470,346	34,829	34,368	66	81	55 770	20 875,791	154 370,582	7,395	6,934
17	32	98 554	76 515,838	2 628 763,127	34,356	33,895	67	82	52 237	19 264,462	133 494,791	6,930	6,469
18	33	98 486	75 332,810	2 552 247,289	33,880	33,419	68	83	48 474	17 612,493	114 230,329	6,486	6,025
19	34	98 402	74 156,658	2 476 914,480	33,401	32,940	69	84	44 564	15 952,595	96 617,836	6,057	5,596
20	35	98 312	72 994,024	2 402 757,822	32,917	32,456	70	85	40 476	14 274,918	80 665,241	5,651	5,190
21	36	98 220	71 848,023	2 329 763,798	32,426	31,965	71	86	36 281	12 606,389	66 390,323	5,266	4,806
22	37	98 121	70 714,356	2 257 915,775	31,930	31,469	72	87	32 043	10 969,397	53 783,934	4,903	4,442
23	38	98 016	69 595,134	2 187 201,419	31,428	30,967	73	88	27 799	9 375,706	42 814,537	4,567	4,106
24	39	97 910	68 492,636	2 117 606,286	30,917	30,456	74	89	23 671	7 865,556	33 438,831	4,251	3,791
25	40	97 791	67 398,054	2 049 113,650	30,403	29,942	75	90	19 633	6 427,347	25 573,275	3,979	3,518
26	41	97 668	66 318,674	1 981 715,596	29,882	29,421	76	91	15 973	5 151,769	19 145,928	3,716	3,256
27	42	97 533	65 248,293	1 915 396,922	29,356	28,895	77	92	12 588	4 000,060	13 994,159	3,498	3,038
28	43	97 385	64 186,161	1 850 148,630	28,825	28,364	78	93	9 729	3 045,854	9 994,098	3,281	2,820
29	44	97 226	63 134,884	1 785 962,469	28,288	27,827	79	94	7 305	2 253,255	6 948,244	3,084	2,623
30	45	97 053	62 091,136	1 722 827,585	27,747	27,286	80	95	5 322	1 617,365	4 694,989	2,903	2,442
31	46	96 868	61 056,795	1 660 736,449	27,200	26,739	81	96	3 757	1 124,721	3 077,624	2,736	2,276
32	47	96 663	60 026,839	1 599 679,654	26,649	26,189	82	97	2 561	755,422	1 952,903	2,585	2,124
33	48	96 434	58 999,639	1 539 652,815	26,096	25,635	83	98	1 685	489,555	1 197,482	2,446	1,985
34	49	96 190	57 980,637	1 480 653,176	25,537	25,076	84	99	1 068	305,661	707,927	2,316	1,855
35	50	95 916	56 961,023	1 422 672,539	24,976	24,515	85	100	649	183,067	402,266	2,197	1,737
36	51	95 624	55 948,568	1 365 711,516	24,410	23,949							
37	52	95 306	54 938,435	1 309 762,948	23,841	23,380							
38	53	94 954	53 926,721	1 254 824,512	23,269	22,808							
39	54	94 565	52 911,814	1 200 897,791	22,696	22,235							
40	55	94 155	51 903,855	1 147 985,977	22,118	21,657							
41	56	93 701	50 890,248	1 096 082,122	21,538	21,077							
42	57	93 219	49 880,637	1 045 191,875	20,954	20,493							
43	58	92 705	48 872,220	995 311,237	20,366	19,905							
44	59	92 131	47 852,036	946 439,017	19,778	19,318							
45	60	91 514	46 828,895	898 586,982	19,189	18,728							
46	61	90 819	45 786,554	851 758,087	18,603	18,142							
47	62	90 074	44 739,733	805 971,533	18,015	17,554							
48	63	89 247	43 674,084	761 231,800	17,430	16,969							
49	64	88 361	42 601,659	717 557,717	16,843	16,383							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	16	99 524	99 523,797	4 096 962,596	41,166	40,705	50	66	86 715	41 190,070	650 766,644	15,799	15,338
1	17	99 124	97 658,722	3 997 438,799	40,933	40,472	51	67	85 629	40 073,239	609 576,574	15,212	14,751
2	18	99 075	96 168,572	3 899 780,077	40,552	40,091	52	68	84 446	38 935,390	569 503,335	14,627	14,166
3	19	99 034	94 707,841	3 803 611,505	40,162	39,701	53	69	83 207	37 797,325	530 567,945	14,037	13,576
4	20	99 000	93 275,973	3 708 903,664	39,763	39,302	54	70	81 869	36 639,847	492 770,620	13,449	12,988
5	21	98 965	91 864,909	3 615 627,691	39,358	38,897	55	71	80 418	35 458,500	456 130,773	12,864	12,403
6	22	98 933	90 478,581	3 523 762,782	38,946	38,485	56	72	78 845	34 251,298	420 672,273	12,282	11,821
7	23	98 901	89 112,046	3 433 284,200	38,528	38,067	57	73	77 137	33 014,155	386 420,975	11,705	11,244
8	24	98 870	87 767,819	3 344 172,154	38,102	37,642	58	74	75 272	31 739,921	353 406,820	11,134	10,674
9	25	98 842	86 446,077	3 256 404,335	37,670	37,209	59	75	73 222	30 419,098	321 666,898	10,575	10,114
10	26	98 812	85 143,127	3 169 958,258	37,231	36,770	60	76	70 967	29 046,607	291 247,800	10,027	9,566
11	27	98 780	83 857,506	3 084 815,131	36,786	36,326	61	77	68 510	27 626,323	262 201,194	9,491	9,030
12	28	98 745	82 588,949	3 000 957,625	36,336	35,875	62	78	65 867	26 167,999	234 574,870	8,964	8,503
13	29	98 709	81 338,795	2 918 368,675	35,879	35,418	63	79	62 990	24 655,351	208 406,871	8,453	7,992
14	30	98 670	80 104,866	2 837 029,881	35,416	34,956	64	80	59 936	23 113,108	183 751,520	7,950	7,489
15	31	98 627	78 886,871	2 756 925,015	34,948	34,487	65	81	56 623	21 512,888	160 638,412	7,467	7,006
16	32	98 580	77 683,749	2 678 038,143	34,474	34,013	66	82	53 116	19 882,304	139 125,524	6,997	6,537
17	33	98 519	76 488,715	2 600 354,394	33,997	33,536	67	83	49 357	18 202,137	119 243,219	6,551	6,090
18	34	98 450	75 305,265	2 523 865,679	33,515	33,054	68	84	45 434	16 507,986	101 041,083	6,121	5,660
19	35	98 360	74 125,158	2 448 560,414	33,033	32,572	69	85	41 342	14 798,972	84 533,096	5,712	5,251
20	36	98 273	72 964,990	2 374 435,256	32,542	32,081	70	86	37 126	13 093,603	69 734,125	5,326	4,865
21	37	98 174	71 813,880	2 301 470,266	32,048	31,587	71	87	32 863	11 418,581	56 640,522	4,960	4,500
22	38	98 068	70 676,617	2 229 656,386	31,547	31,087	72	88	28 573	9 781,504	45 221,941	4,623	4,162
23	39	97 962	69 556,389	2 158 979,770	31,039	30,578	73	89	24 399	8 229,178	35 440,438	4,307	3,846
24	40	97 846	68 447,325	2 089 423,381	30,526	30,065	74	90	20 321	6 752,446	27 211,260	4,030	3,569
25	41	97 722	67 350,455	2 020 976,056	30,007	29,546	75	91	16 594	5 432,422	20 458,814	3,766	3,305
26	42	97 590	66 265,519	1 953 625,601	29,482	29,021	76	92	13 134	4 236,369	15 026,392	3,547	3,086
27	43	97 446	65 190,216	1 887 360,081	28,952	28,491	77	93	10 206	3 243,145	10 790,022	3,327	2,866
28	44	97 285	64 120,438	1 822 169,865	28,418	27,957	78	94	7 713	2 414,593	7 546,877	3,126	2,665
29	45	97 117	63 063,974	1 758 049,427	27,877	27,416	79	95	5 655	1 744,284	5 132,285	2,942	2,482
30	46	96 930	62 012,328	1 694 985,453	27,333	26,872	80	96	4 018	1 221,023	3 388,001	2,775	2,314
31	47	96 732	60 970,759	1 632 973,125	26,783	26,322	81	97	2 762	827,002	2 166,978	2,620	2,159
32	48	96 505	59 928,688	1 572 002,366	26,231	25,770	82	98	1 832	540,299	1 339,975	2,480	2,019
33	49	96 263	58 895,303	1 512 073,678	25,674	25,213	83	99	1 170	340,147	799,676	2,351	1,890
34	50	95 992	57 861,333	1 453 178,375	25,115	24,654	84	100	720	206,045	459,529	2,230	1,769
35	51	95 704	56 835,538	1 395 317,043	24,550	24,089							
36	52	95 390	55 811,673	1 338 481,504	23,982	23,521							
37	53	95 044	54 787,609	1 282 669,831	23,412	22,951							
38	54	94 669	53 764,588	1 227 882,222	22,838	22,377							
39	55	94 263	52 742,961	1 174 117,634	22,261	21,800							
40	56	93 821	51 719,951	1 121 374,673	21,682	21,221							
41	57	93 347	50 698,279	1 069 654,722	21,098	20,638							
42	58	92 847	49 681,286	1 018 956,443	20,510	20,049							
43	59	92 296	48 656,581	969 275,157	19,921	19,460							
44	60	91 696	47 626,077	920 618,576	19,330	18,869							
45	61	91 020	46 576,518	872 992,499	18,743	18,282							
46	62	90 297	45 523,432	826 415,981	18,154	17,693							
47	63	89 505	44 457,530	780 892,550	17,565	17,104							
48	64	88 646	43 379,814	736 435,019	16,976	16,516							
49	65	87 712	42 288,561	693 055,205	16,389	15,928							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	17	99 508	99 508,483	4 067 214,218	40,873	40,412	50	67	85 973	40 837,720	625 960,954	15,328	14,867
1	18	99 108	97 643,050	3 967 705,735	40,635	40,174	51	68	84 847	39 707,278	585 123,234	14,736	14,275
2	19	99 053	96 146,606	3 870 062,684	40,252	39,791	52	69	83 626	38 557,303	545 415,957	14,146	13,685
3	20	99 013	94 688,280	3 773 916,078	39,856	39,395	53	70	82 323	37 395,860	506 858,654	13,554	13,093
4	21	98 978	93 255,267	3 679 227,798	39,453	38,993	54	71	80 919	36 214,652	469 462,794	12,963	12,503
5	22	98 944	91 845,683	3 585 972,532	39,043	38,583	55	72	79 382	35 001,894	433 248,142	12,378	11,917
6	23	98 911	90 458,284	3 494 126,849	38,627	38,166	56	73	77 704	33 755,417	398 246,248	11,798	11,337
7	24	98 878	89 091,677	3 403 668,565	38,204	37,743	57	74	75 883	32 477,305	364 490,830	11,223	10,762
8	25	98 850	87 750,078	3 314 576,888	37,773	37,312	58	75	73 872	31 149,319	332 013,525	10,659	10,198
9	26	98 820	86 427,061	3 226 826,810	37,336	36,875	59	76	71 651	29 766,367	300 864,206	10,108	9,647
10	27	98 789	85 122,976	3 140 399,749	36,893	36,432	60	77	69 229	28 335,174	271 097,839	9,568	9,107
11	28	98 753	83 834,978	3 055 276,773	36,444	35,983	61	78	66 610	26 860,419	242 762,665	9,038	8,577
12	29	98 720	82 568,065	2 971 441,795	35,988	35,527	62	79	63 754	25 328,837	215 902,246	8,524	8,063
13	30	98 681	81 315,457	2 888 873,730	35,527	35,066	63	80	60 703	23 760,215	190 573,408	8,021	7,560
14	31	98 642	80 082,194	2 807 558,273	35,058	34,598	64	81	57 432	22 147,776	166 813,193	7,532	7,071
15	32	98 597	78 863,045	2 727 476,079	34,585	34,124	65	82	53 928	20 489,082	144 665,417	7,061	6,600
16	33	98 545	77 656,213	2 648 613,033	34,107	33,646	66	83	50 187	18 785,909	124 176,335	6,610	6,149
17	34	98 483	76 460,748	2 570 956,821	33,625	33,164	67	84	46 262	17 060,652	105 390,426	6,177	5,717
18	35	98 408	75 273,277	2 494 496,073	33,139	32,678	68	85	42 149	15 314,199	88 329,774	5,768	5,307
19	36	98 321	74 095,674	2 419 222,795	32,650	32,189	69	86	37 920	13 574,288	73 015,575	5,379	4,918
20	37	98 227	72 930,316	2 345 127,121	32,156	31,695	70	87	33 628	11 859,888	59 441,287	5,012	4,551
21	38	98 121	71 775,554	2 272 196,805	31,657	31,196	71	88	29 304	10 182,045	47 581,399	4,673	4,212
22	39	98 014	70 637,270	2 200 421,251	31,151	30,690	72	89	25 079	8 585,351	37 399,354	4,356	3,895
23	40	97 897	69 510,374	2 129 783,981	30,640	30,179	73	90	20 946	7 064,609	28 814,003	4,079	3,618
24	41	97 777	68 398,986	2 060 273,607	30,121	29,661	74	91	17 176	5 707,197	21 749,394	3,811	3,350
25	42	97 644	67 296,474	1 991 874,622	29,598	29,138	75	92	13 645	4 467,154	16 042,196	3,591	3,130
26	43	97 503	66 206,537	1 924 578,148	29,069	28,609	76	93	10 649	3 434,738	11 575,042	3,370	2,909
27	44	97 347	65 123,465	1 858 371,610	28,536	28,075	77	94	8 091	2 570,995	8 140,304	3,166	2,705
28	45	97 176	64 048,421	1 793 248,145	27,998	27,538	78	95	5 970	1 869,178	5 569,309	2,980	2,519
29	46	96 994	62 983,931	1 729 199,724	27,455	26,994	79	96	4 269	1 316,840	3 700,131	2,810	2,349
30	47	96 794	61 924,946	1 666 215,793	26,907	26,446	80	97	2 954	897,813	2 383,291	2,655	2,194
31	48	96 574	60 871,065	1 604 290,847	26,356	25,895	81	98	1 976	591,496	1 485,478	2,511	2,051
32	49	96 334	59 822,708	1 543 419,783	25,800	25,339	82	99	1 273	375,404	893,982	2,381	1,921
33	50	96 065	58 774,117	1 483 597,074	25,242	24,782	83	100	789	229,292	518,578	2,262	1,801
34	51	95 780	57 733,865	1 424 822,958	24,679	24,218							
35	52	95 470	56 696,473	1 367 089,093	24,112	23,652							
36	53	95 128	55 658,450	1 310 392,620	23,543	23,083							
37	54	94 759	54 622,888	1 254 734,170	22,971	22,510							
38	55	94 366	53 593,014	1 200 111,282	22,393	21,932							
39	56	93 929	52 556,084	1 146 518,269	21,815	21,354							
40	57	93 467	51 524,852	1 093 962,185	21,232	20,771							
41	58	92 974	50 495,660	1 042 437,332	20,644	20,183							
42	59	92 437	49 462,077	991 941,672	20,055	19,594							
43	60	91 860	48 426,823	942 479,595	19,462	19,001							
44	61	91 202	47 369,403	894 052,772	18,874	18,413							
45	62	90 497	46 308,856	846 683,369	18,283	17,823							
46	63	89 727	45 236,286	800 374,513	17,693	17,232							
47	64	88 902	44 157,982	755 138,227	17,101	16,640							
48	65	87 994	43 060,998	710 980,245	16,511	16,050							
49	66	87 027	41 958,293	667 919,247	15,919	15,458							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	18	99 493	99 492,515	4 036 472,527	40,571	40,110
1	19	99 085	97 620,748	3 936 980,012	40,329	39,869
2	20	99 032	96 126,748	3 839 359,264	39,941	39,480
3	21	98 992	94 667,260	3 743 232,517	39,541	39,080
4	22	98 957	93 235,749	3 648 565,256	39,133	38,672
5	23	98 922	91 825,079	3 555 329,507	38,719	38,258
6	24	98 888	90 437,607	3 463 504,428	38,297	37,836
7	25	98 858	89 073,668	3 373 066,821	37,868	37,407
8	26	98 828	87 730,775	3 283 993,153	37,433	36,972
9	27	98 796	86 406,607	3 196 262,378	36,991	36,530
10	28	98 762	85 100,108	3 109 855,771	36,543	36,083
11	29	98 728	83 813,779	3 024 755,663	36,089	35,628
12	30	98 692	82 544,375	2 940 941,885	35,629	35,168
13	31	98 653	81 292,442	2 858 397,510	35,162	34,701
14	32	98 612	80 058,007	2 777 105,068	34,689	34,228
15	33	98 562	78 835,091	2 697 047,061	34,211	33,750
16	34	98 509	77 627,819	2 618 211,970	33,728	33,267
17	35	98 441	76 428,269	2 540 584,152	33,241	32,781
18	36	98 369	75 243,337	2 464 155,882	32,749	32,288
19	37	98 275	74 060,463	2 388 912,545	32,256	31,795
20	38	98 174	72 891,394	2 314 852,082	31,758	31,297
21	39	98 067	71 735,595	2 241 960,688	31,253	30,792
22	40	97 949	70 590,540	2 170 225,093	30,744	30,283
23	41	97 828	69 461,284	2 099 634,553	30,227	29,767
24	42	97 698	68 344,164	2 030 173,269	29,705	29,244
25	43	97 557	67 236,175	1 961 829,105	29,178	28,717
26	44	97 403	66 138,746	1 894 592,530	28,646	28,185
27	45	97 237	65 050,321	1 828 453,784	28,108	27,648
28	46	97 052	63 967,129	1 763 403,463	27,567	27,107
29	47	96 857	62 895,179	1 699 436,334	27,020	26,559
30	48	96 635	61 823,691	1 636 541,155	26,471	26,010
31	49	96 403	60 763,419	1 574 717,464	25,916	25,455
32	50	96 136	59 699,614	1 513 954,045	25,360	24,899
33	51	95 853	58 644,638	1 454 254,431	24,798	24,337
34	52	95 546	57 592,602	1 395 609,793	24,232	23,772
35	53	95 208	56 540,820	1 338 017,192	23,665	23,204
36	54	94 842	55 491,110	1 281 476,371	23,093	22,633
37	55	94 456	54 448,574	1 225 985,261	22,516	22,056
38	56	94 032	53 403,125	1 171 536,687	21,938	21,477
39	57	93 574	52 357,832	1 118 133,562	21,356	20,895
40	58	93 093	51 318,930	1 065 775,731	20,768	20,307
41	59	92 564	50 272,858	1 014 456,801	20,179	19,718
42	60	92 001	49 228,516	964 183,943	19,586	19,125
43	61	91 365	48 165,834	914 955,427	18,996	18,535
44	62	90 678	47 097,185	866 789,593	18,404	17,943
45	63	89 927	46 016,756	819 692,408	17,813	17,352
46	64	89 123	44 931,490	773 675,652	17,219	16,758
47	65	88 249	43 833,446	728 744,162	16,625	16,165
48	66	87 307	42 724,697	684 910,715	16,031	15,570
49	67	86 283	41 599,371	642 186,018	15,437	14,977

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
50	68	85 188	40 464,777	600 586,647	14,842	14,381
51	69	84 023	39 321,695	560 121,870	14,245	13,784
52	70	82 738	38 147,766	520 800,175	13,652	13,191
53	71	81 368	36 961,891	482 652,409	13,058	12,597
54	72	79 877	35 748,309	445 690,518	12,467	12,007
55	73	78 233	34 495,147	409 942,209	11,884	11,423
56	74	76 440	33 206,514	375 447,062	11,306	10,846
57	75	74 471	31 872,982	342 240,548	10,738	10,277
58	76	72 287	30 480,920	310 367,566	10,182	9,722
59	77	69 896	29 037,305	279 886,647	9,639	9,178
60	78	67 310	27 549,618	250 849,342	9,105	8,645
61	79	64 474	25 999,053	223 299,724	8,589	8,128
62	80	61 440	24 409,250	197 300,671	8,083	7,622
63	81	58 168	22 767,856	172 891,421	7,594	7,133
64	82	54 699	21 093,755	150 123,565	7,117	6,656
65	83	50 954	19 359,226	129 029,810	6,665	6,204
66	84	47 040	17 607,814	109 670,583	6,229	5,768
67	85	42 916	15 826,899	92 062,769	5,817	5,356
68	86	38 661	14 046,878	76 235,870	5,427	4,966
69	87	34 348	12 295,282	62 188,992	5,058	4,597
70	88	29 987	10 575,562	49 893,710	4,718	4,257
71	89	25 720	8 936,911	39 318,148	4,400	3,939
72	90	21 530	7 370,378	30 381,236	4,122	3,661
73	91	17 704	5 971,039	23 010,858	3,854	3,393
74	92	14 124	4 693,105	17 039,819	3,631	3,170
75	93	11 063	3 621,853	12 346,713	3,409	2,948
76	94	8 442	2 722,880	8 724,861	3,204	2,743
77	95	6 263	1 990,252	6 001,981	3,016	2,555
78	96	4 507	1 411,128	4 011,729	2,843	2,382
79	97	3 139	968,266	2 600,601	2,686	2,225
80	98	2 113	642,141	1 632,335	2,542	2,081
81	99	1 373	410,976	990,193	2,409	1,949
82	100	858	253,059	579,217	2,289	1,828

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	19	99 470	99 469,790	4 004 750,571	40,261	39,800
1	20	99 065	97 600,585	3 905 280,781	40,013	39,552
2	21	99 010	96 105,409	3 807 680,196	39,620	39,159
3	22	98 971	94 647,447	3 711 574,787	39,215	38,754
4	23	98 935	93 214,834	3 616 927,340	38,802	38,341
5	24	98 899	91 804,090	3 523 712,506	38,383	37,922
6	25	98 868	90 419,326	3 431 908,416	37,955	37,495
7	26	98 836	89 054,074	3 341 489,090	37,522	37,061
8	27	98 805	87 710,012	3 252 435,016	37,082	36,621
9	28	98 770	86 383,394	3 164 725,004	36,636	36,175
10	29	98 737	85 078,589	3 078 341,611	36,182	35,722
11	30	98 700	83 789,731	2 993 263,022	35,724	35,263
12	31	98 664	82 521,012	2 909 473,292	35,257	34,797
13	32	98 623	81 267,890	2 826 952,280	34,786	34,325
14	33	98 577	80 029,629	2 745 684,390	34,308	33,848
15	34	98 526	78 806,266	2 665 654,761	33,825	33,365
16	35	98 467	77 594,844	2 586 848,495	33,338	32,877
17	36	98 402	76 397,870	2 509 253,651	32,845	32,384
18	37	98 322	75 207,580	2 432 855,781	32,349	31,888
19	38	98 222	74 020,938	2 357 648,201	31,851	31,390
20	39	98 119	72 850,814	2 283 627,263	31,347	30,886
21	40	98 002	71 688,139	2 210 776,449	30,839	30,378
22	41	97 880	70 540,687	2 139 088,310	30,324	29,863
23	42	97 749	69 405,611	2 068 547,623	29,804	29,343
24	43	97 611	68 283,332	1 999 142,012	29,277	28,816
25	44	97 457	67 167,728	1 930 858,680	28,747	28,286
26	45	97 294	66 064,462	1 863 690,952	28,210	27,749
27	46	97 114	64 967,757	1 797 626,490	27,670	27,209
28	47	96 916	63 876,992	1 732 658,732	27,125	26,664
29	48	96 699	62 792,338	1 668 781,741	26,576	26,115
30	49	96 464	61 714,361	1 605 989,402	26,023	25,562
31	50	96 204	60 638,389	1 544 275,042	25,467	25,006
32	51	95 924	59 568,096	1 483 636,653	24,907	24,446
33	52	95 619	58 501,146	1 424 068,557	24,343	23,882
34	53	95 284	57 434,489	1 365 567,411	23,776	23,315
35	54	94 922	56 370,828	1 308 132,922	23,206	22,745
36	55	94 539	55 314,026	1 251 762,094	22,630	22,169
37	56	94 121	54 255,654	1 196 448,068	22,052	21,591
38	57	93 677	53 201,677	1 142 192,415	21,469	21,008
39	58	93 200	52 148,580	1 088 990,737	20,882	20,422
40	59	92 683	51 092,495	1 036 842,157	20,293	19,833
41	60	92 127	50 035,468	985 749,662	19,701	19,240
42	61	91 505	48 963,206	935 714,194	19,111	18,650
43	62	90 840	47 889,039	886 750,988	18,517	18,056
44	63	90 106	46 800,113	838 861,949	17,924	17,464
45	64	89 321	45 706,702	792 061,836	17,329	16,868
46	65	88 468	44 601,270	746 355,134	16,734	16,273
47	66	87 560	43 491,113	701 753,864	16,136	15,675
48	67	86 560	42 359,219	658 262,752	15,540	15,079
49	68	85 495	41 219,473	615 903,533	14,942	14,481
50	69	84 361	40 071,839	574 684,060	14,341	13,881
51	70	83 131	38 904,039	534 612,221	13,742	13,281
52	71	81 778	37 705,072	495 708,182	13,147	12,686
53	72	80 320	36 485,926	458 003,110	12,553	12,092
54	73	78 721	35 230,755	421 517,185	11,964	11,504
55	74	76 961	33 934,214	386 286,430	11,383	10,923
56	75	75 018	32 588,622	352 352,216	10,812	10,351
57	76	72 873	31 189,054	319 763,593	10,252	9,792
58	77	70 516	29 734,356	288 574,539	9,705	9,244
59	78	67 958	28 232,283	258 840,183	9,168	8,707
60	79	65 151	26 666,149	230 607,900	8,648	8,187
61	80	62 133	25 055,133	203 941,750	8,140	7,679
62	81	58 874	23 389,784	178 886,618	7,648	7,187
63	82	55 400	21 684,326	155 496,834	7,171	6,710
64	83	51 683	19 930,555	133 812,508	6,714	6,253
65	84	47 759	18 145,178	113 881,953	6,276	5,815
66	85	43 638	16 334,493	95 736,775	5,861	5,400
67	86	39 365	14 517,150	79 402,282	5,470	5,009
68	87	35 018	12 723,344	64 885,132	5,100	4,639
69	88	30 628	10 963,807	52 161,789	4,758	4,297
70	89	26 320	9 282,307	41 197,982	4,438	3,978
71	90	22 080	7 672,187	31 915,675	4,160	3,699
72	91	18 197	6 229,477	24 243,489	3,892	3,431
73	92	14 558	4 910,066	18 014,012	3,669	3,208
74	93	11 451	3 805,048	13 103,946	3,444	2,983
75	94	8 770	2 871,214	9 298,898	3,239	2,778
76	95	6 535	2 107,829	6 427,684	3,049	2,589
77	96	4 728	1 502,532	4 319,855	2,875	2,414
78	97	3 314	1 037,596	2 817,323	2,715	2,254
79	98	2 245	692,532	1 779,727	2,570	2,109
80	99	1 468	446,165	1 087,195	2,437	1,976
81	100	925	277,038	641,030	2,314	1,853

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	20	99 449	99 449,245	3 972 067,152	39,941	39,480	50	70	83 465	39 646,215	548 292,881	13,830	13,369
1	21	99 043	97 578,919	3 872 617,906	39,687	39,226	51	71	82 166	38 452,568	508 646,666	13,228	12,767
2	22	98 989	96 085,295	3 775 038,988	39,288	38,828	52	72	80 724	37 219,536	470 194,097	12,633	12,172
3	23	98 949	94 626,215	3 678 953,693	38,879	38,418	53	73	79 157	35 957,693	432 974,561	12,041	11,580
4	24	98 912	93 193,527	3 584 327,478	38,461	38,000	54	74	77 440	34 657,860	397 016,868	11,455	10,995
5	25	98 879	91 785,533	3 491 133,951	38,036	37,575	55	75	75 529	33 302,782	362 359,008	10,881	10,420
6	26	98 847	90 399,436	3 399 348,419	37,604	37,143	56	76	73 408	31 889,338	329 056,226	10,319	9,858
7	27	98 813	89 032,998	3 308 948,983	37,165	36,705	57	77	71 088	30 425,146	297 166,888	9,767	9,306
8	28	98 778	87 686,449	3 219 915,985	36,721	36,260	58	78	68 561	28 910,009	266 741,742	9,227	8,766
9	29	98 745	86 361,550	3 132 229,536	36,269	35,808	59	79	65 779	27 326,923	237 831,732	8,703	8,242
10	30	98 709	85 054,178	3 045 867,987	35,811	35,350	60	80	62 786	25 698,010	210 504,809	8,191	7,731
11	31	98 672	83 766,015	2 960 813,809	35,346	34,885	61	81	59 538	24 008,691	184 806,799	7,697	7,237
12	32	98 634	82 496,088	2 877 047,793	34,875	34,414	62	82	56 072	22 276,656	160 798,108	7,218	6,757
13	33	98 588	81 239,082	2 794 551,705	34,399	33,938	63	83	52 345	20 488,559	138 521,452	6,761	6,300
14	34	98 541	80 000,367	2 713 312,622	33,916	33,455	64	84	48 442	18 680,678	118 032,893	6,318	5,858
15	35	98 484	78 772,791	2 633 312,255	33,429	32,968	65	85	44 305	16 832,997	99 352,215	5,902	5,441
16	36	98 428	77 563,981	2 554 539,464	32,935	32,474	66	86	40 027	14 982,738	82 519,218	5,508	5,047
17	37	98 355	76 361,564	2 476 975,484	32,437	31,977	67	87	35 656	13 149,305	67 536,480	5,136	4,675
18	38	98 269	75 167,443	2 400 613,920	31,937	31,476	68	88	31 226	11 345,513	54 387,176	4,794	4,333
19	39	98 167	73 979,729	2 325 446,476	31,434	30,973	69	89	26 883	9 623,074	43 041,663	4,473	4,012
20	40	98 055	72 802,620	2 251 466,747	30,926	30,465	70	90	22 595	7 968,703	33 418,589	4,194	3,733
21	41	97 933	71 637,511	2 178 664,127	30,412	29,952	71	91	18 663	6 484,566	25 449,887	3,925	3,464
22	42	97 801	70 484,149	2 107 026,616	29,894	29,433	72	92	14 964	5 122,583	18 965,320	3,702	3,241
23	43	97 662	69 343,834	2 036 542,467	29,369	28,908	73	93	11 803	3 980,954	13 842,738	3,477	3,016
24	44	97 511	68 213,414	1 967 198,633	28,839	28,378	74	94	9 078	3 016,442	9 861,784	3,269	2,809
25	45	97 347	67 092,289	1 898 985,219	28,304	27,843	75	95	6 789	2 222,657	6 845,342	3,080	2,619
26	46	97 170	65 980,611	1 831 892,931	27,764	27,303	76	96	4 934	1 591,296	4 622,685	2,905	2,444
27	47	96 977	64 876,211	1 765 912,320	27,220	26,759	77	97	3 477	1 104,805	3 031,389	2,744	2,283
28	48	96 757	63 772,545	1 701 036,109	26,673	26,213	78	98	2 370	742,119	1 926,584	2,596	2,135
29	49	96 528	62 681,295	1 637 263,564	26,120	25,660	79	99	1 560	481,177	1 184,465	2,462	2,001
30	50	96 266	61 587,374	1 574 582,269	25,567	25,106	80	100	990	300,758	703,288	2,338	1,878
31	51	95 992	60 504,803	1 512 994,895	25,006	24,545							
32	52	95 689	59 422,345	1 452 490,093	24,444	23,983							
33	53	95 356	58 340,539	1 393 067,748	23,878	23,417							
34	54	94 997	57 261,809	1 334 727,209	23,309	22,848							
35	55	94 619	56 190,936	1 277 465,399	22,734	22,274							
36	56	94 204	55 118,039	1 221 274,463	22,157	21,697							
37	57	93 766	54 050,990	1 166 156,424	21,575	21,114							
38	58	93 303	52 989,053	1 112 105,434	20,987	20,527							
39	59	92 789	51 918,485	1 059 116,381	20,400	19,939							
40	60	92 245	50 851,235	1 007 197,896	19,807	19,346							
41	61	91 630	49 765,809	956 346,661	19,217	18,756							
42	62	90 979	48 681,829	906 580,852	18,623	18,162							
43	63	90 267	47 586,972	857 899,023	18,028	17,567							
44	64	89 499	46 484,780	810 312,051	17,432	16,971							
45	65	88 664	45 370,784	763 827,271	16,835	16,374							
46	66	87 777	44 252,940	718 456,486	16,235	15,774							
47	67	86 811	43 119,078	674 203,547	15,636	15,175							
48	68	85 770	41 972,382	631 084,468	15,036	14,575							
49	69	84 664	40 819,206	589 112,087	14,432	13,971							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	21	99 427	99 427,169	3 938 431,422	39,611	39,150	50	71	82 496	39 186,132	521 465,491	13,307	12,847
1	22	99 022	97 558,496	3 839 004,253	39,351	38,890	51	72	81 108	37 957,407	482 279,359	12,706	12,245
2	23	98 967	96 063,740	3 741 445,757	38,948	38,487	52	73	79 556	36 680,682	444 321,952	12,113	11,652
3	24	98 926	94 604,585	3 645 382,017	38,533	38,072	53	74	77 870	35 372,978	407 641,270	11,524	11,063
4	25	98 892	93 174,689	3 550 777,432	38,109	37,648	54	75	76 000	34 012,963	372 268,292	10,945	10,484
5	26	98 857	91 765,342	3 457 602,743	37,679	37,218	55	76	73 908	32 588,173	338 255,330	10,380	9,919
6	27	98 823	90 378,042	3 365 837,401	37,242	36,781	56	77	71 610	31 108,278	305 667,156	9,826	9,365
7	28	98 786	89 009,079	3 275 459,360	36,799	36,338	57	78	69 117	29 581,648	274 558,878	9,281	8,821
8	29	98 753	87 664,275	3 186 450,281	36,348	35,888	58	79	66 363	27 982,916	244 977,229	8,755	8,294
9	30	98 717	86 336,771	3 098 786,005	35,892	35,431	59	80	63 391	26 334,794	216 994,314	8,240	7,779
10	31	98 681	85 030,105	3 012 449,234	35,428	34,967	60	81	60 164	24 624,718	190 659,520	7,743	7,282
11	32	98 642	83 740,716	2 927 419,130	34,958	34,497	61	82	56 705	22 866,109	166 034,802	7,261	6,800
12	33	98 599	82 466,846	2 843 678,414	34,483	34,022	62	83	52 980	21 048,225	143 168,693	6,802	6,341
13	34	98 552	81 209,378	2 761 211,568	34,001	33,540	63	84	49 062	19 203,689	122 120,468	6,359	5,898
14	35	98 499	79 966,385	2 680 002,189	33,514	33,053	64	85	44 939	17 329,772	102 916,779	5,939	5,478
15	36	98 445	78 741,458	2 600 035,804	33,020	32,559	65	86	40 639	15 439,988	85 587,008	5,543	5,082
16	37	98 381	77 527,121	2 521 294,346	32,521	32,061	66	87	36 255	13 571,024	70 147,019	5,169	4,708
17	38	98 303	76 320,811	2 443 767,225	32,020	31,559	67	88	31 794	11 725,346	56 575,995	4,825	4,364
18	39	98 215	75 125,596	2 367 446,413	31,513	31,052	68	89	27 407	9 958,102	44 850,650	4,504	4,043
19	40	98 103	73 930,788	2 292 320,817	31,006	30,546	69	90	23 078	8 261,246	34 892,547	4,224	3,763
20	41	97 985	72 751,205	2 218 390,029	30,493	30,032	70	91	19 097	6 735,183	26 631,302	3,954	3,493
21	42	97 854	71 580,093	2 145 638,824	29,975	29,515	71	92	15 346	5 332,346	19 896,119	3,731	3,270
22	43	97 714	70 421,412	2 074 058,730	29,452	28,991	72	93	12 132	4 153,257	14 563,773	3,507	3,046
23	44	97 562	69 272,830	2 003 637,318	28,924	28,463	73	94	9 357	3 155,891	10 410,516	3,299	2,838
24	45	97 402	68 136,800	1 934 364,488	28,389	27,929	74	95	7 027	2 335,080	7 254,625	3,107	2,646
25	46	97 224	67 007,133	1 866 227,689	27,851	27,390	75	96	5 126	1 677,986	4 919,545	2,932	2,471
26	47	97 033	65 887,637	1 799 220,556	27,307	26,847	76	97	3 628	1 170,073	3 241,559	2,770	2,310
27	48	96 818	64 770,130	1 733 332,919	26,761	26,301	77	98	2 487	790,188	2 071,486	2,622	2,161
28	49	96 586	63 659,768	1 668 562,788	26,211	25,750	78	99	1 647	515,630	1 281,298	2,485	2,024
29	50	96 329	62 552,318	1 604 903,020	25,657	25,196	79	100	1 052	324,360	765,668	2,361	1,900
30	51	96 054	61 451,697	1 542 350,702	25,099	24,638							
31	52	95 758	60 356,760	1 480 899,005	24,536	24,075							
32	53	95 427	59 259,209	1 420 542,245	23,972	23,511							
33	54	95 070	58 165,136	1 361 283,036	23,404	22,943							
34	55	94 694	57 079,074	1 303 117,901	22,830	22,369							
35	56	94 284	55 991,842	1 246 038,826	22,254	21,793							
36	57	93 849	54 910,123	1 190 046,984	21,673	21,212							
37	58	93 392	53 834,972	1 135 136,861	21,085	20,625							
38	59	92 891	52 755,249	1 081 301,889	20,497	20,036							
39	60	92 351	51 673,324	1 028 546,640	19,905	19,444							
40	61	91 748	50 577,180	976 873,316	19,315	18,854							
41	62	91 104	49 479,820	926 296,136	18,721	18,260							
42	63	90 405	48 374,761	876 816,317	18,125	17,665							
43	64	89 659	47 266,338	828 441,556	17,527	17,066							
44	65	88 841	46 143,145	781 175,218	16,929	16,469							
45	66	87 972	45 016,444	735 032,073	16,328	15,867							
46	67	87 026	43 874,389	690 015,629	15,727	15,266							
47	68	86 018	42 725,302	646 141,240	15,123	14,662							
48	69	84 937	41 564,803	603 415,938	14,517	14,057							
49	70	83 765	40 385,644	561 851,135	13,912	13,451							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	22	99 406	99 406,360	3 903 855,552	39,272	38,811	50	72	81 434	38 681,524	494 256,029	12,778	12,317
1	23	99 000	97 536,611	3 804 449,193	39,005	38,545	51	73	79 934	37 407,870	455 574,504	12,179	11,718
2	24	98 945	96 041,781	3 706 912,581	38,597	38,136	52	74	78 262	36 084,211	418 166,634	11,589	11,128
3	25	98 906	94 585,462	3 610 870,800	38,176	37,715	53	75	76 421	34 714,773	382 082,423	11,006	10,546
4	26	98 870	93 154,192	3 516 285,338	37,747	37,286	54	76	74 369	33 283,115	347 367,650	10,437	9,976
5	27	98 834	91 743,624	3 423 131,146	37,312	36,851	55	77	72 098	31 789,997	314 084,535	9,880	9,419
6	28	98 797	90 353,762	3 331 387,522	36,870	36,410	56	78	69 625	30 245,842	282 294,538	9,333	8,873
7	29	98 761	88 986,571	3 241 033,760	36,422	35,961	57	79	66 901	28 633,017	252 048,696	8,803	8,342
8	30	98 725	87 639,123	3 152 047,189	35,966	35,505	58	80	63 953	26 966,970	223 415,680	8,285	7,824
9	31	98 689	86 312,335	3 064 408,066	35,504	35,043	59	81	60 743	25 234,906	196 448,709	7,785	7,324
10	32	98 651	85 004,424	2 978 095,731	35,035	34,574	60	82	57 300	23 452,819	171 213,803	7,300	6,840
11	33	98 607	83 711,032	2 893 091,308	34,560	34,100	61	83	53 578	21 605,173	147 760,984	6,839	6,378
12	34	98 563	82 436,693	2 809 380,276	34,079	33,618	62	84	49 657	19 728,257	126 155,811	6,395	5,934
13	35	98 510	81 174,883	2 726 943,583	33,593	33,133	63	85	45 514	17 814,960	106 427,554	5,974	5,513
14	36	98 460	79 934,578	2 645 768,700	33,099	32,638	64	86	41 220	15 895,653	88 612,594	5,575	5,114
15	37	98 398	78 704,039	2 565 834,122	32,601	32,140	65	87	36 810	13 985,191	72 716,941	5,200	4,739
16	38	98 328	77 485,746	2 487 130,082	32,098	31,637	66	88	32 329	12 101,396	58 731,750	4,853	4,393
17	39	98 248	76 278,322	2 409 644,336	31,590	31,129	67	89	27 906	10 291,487	46 630,354	4,531	4,070
18	40	98 150	75 075,897	2 333 366,014	31,080	30,619	68	90	23 529	8 548,862	36 338,867	4,251	3,790
19	41	98 033	73 878,576	2 258 290,117	30,568	30,107	69	91	19 506	6 982,441	27 790,005	3,980	3,519
20	42	97 907	72 692,895	2 184 411,540	30,050	29,589	70	92	15 704	5 538,432	20 807,564	3,757	3,296
21	43	97 767	71 516,381	2 111 718,645	29,528	29,067	71	93	12 442	4 323,328	15 269,132	3,532	3,071
22	44	97 614	70 349,305	2 040 202,264	29,001	28,540	72	94	9 618	3 292,484	10 945,804	3,324	2,864
23	45	97 453	69 195,026	1 969 852,959	28,468	28,007	73	95	7 244	2 443,030	7 653,321	3,133	2,672
24	46	97 278	68 050,318	1 900 657,933	27,930	27,469	74	96	5 305	1 762,859	5 210,291	2,956	2,495
25	47	97 087	66 912,712	1 832 607,615	27,388	26,927	75	97	3 769	1 233,815	3 447,432	2,794	2,333
26	48	96 875	65 779,903	1 765 694,903	26,842	26,382	76	98	2 595	836,870	2 213,617	2,645	2,184
27	49	96 647	64 655,589	1 699 915,000	26,292	25,831	77	99	1 728	549,030	1 376,747	2,508	2,047
28	50	96 387	63 528,779	1 635 259,411	25,740	25,280	78	100	1 110	347,585	827,717	2,381	1,921
29	51	96 117	62 414,516	1 571 730,632	25,182	24,721							
30	52	95 819	61 301,337	1 509 316,116	24,621	24,160							
31	53	95 495	60 191,058	1 448 014,779	24,057	23,596							
32	54	95 140	59 081,043	1 387 823,721	23,490	23,029							
33	55	94 766	57 979,518	1 328 742,678	22,917	22,457							
34	56	94 358	56 876,834	1 270 763,160	22,342	21,882							
35	57	93 928	55 780,630	1 213 886,326	21,762	21,301							
36	58	93 474	54 690,671	1 158 105,696	21,176	20,715							
37	59	92 980	53 597,435	1 103 415,026	20,587	20,126							
38	60	92 453	52 506,138	1 049 817,590	19,994	19,533							
39	61	91 853	51 394,838	997 311,453	19,405	18,944							
40	62	91 221	50 286,527	945 916,614	18,811	18,350							
41	63	90 529	49 167,719	895 630,087	18,216	17,755							
42	64	89 796	48 048,819	846 462,368	17,617	17,156							
43	65	89 000	46 918,958	798 413,550	17,017	16,556							
44	66	88 147	45 782,772	751 494,592	16,414	15,954							
45	67	87 219	44 631,362	705 711,819	15,812	15,351							
46	68	86 231	43 473,714	661 080,457	15,206	14,746							
47	69	85 183	42 310,412	617 606,743	14,597	14,136							
48	70	84 035	41 123,322	575 296,331	13,990	13,529							
49	71	82 793	39 916,980	534 173,008	13,382	12,921							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	23	99 384	99 384,060	3 868 348,059	38,923	38,462	50	73	80 255	38 121,504	466 728,772	12,243	11,782
1	24	98 977	97 514,316	3 768 963,999	38,650	38,190	51	74	78 634	36 799,574	428 607,268	11,647	11,186
2	25	98 925	96 022,368	3 671 449,683	38,235	37,775	52	75	76 806	35 412,772	391 807,694	11,064	10,603
3	26	98 884	94 564,655	3 575 427,315	37,809	37,349	53	76	74 781	33 969,866	356 394,922	10,492	10,031
4	27	98 847	93 132,146	3 480 862,660	37,376	36,915	54	77	72 547	32 467,918	322 425,056	9,931	9,470
5	28	98 807	91 718,977	3 387 730,514	36,936	36,475	55	78	70 099	30 908,661	289 957,138	9,381	8,920
6	29	98 772	90 330,914	3 296 011,537	36,488	36,027	56	79	67 392	29 275,910	259 048,477	8,849	8,388
7	30	98 733	88 961,039	3 205 680,623	36,035	35,574	57	80	64 472	27 593,468	229 772,567	8,327	7,866
8	31	98 697	87 614,318	3 116 719,584	35,573	35,112	58	81	61 282	25 840,679	202 179,099	7,824	7,363
9	32	98 659	86 286,266	3 029 105,266	35,105	34,645	59	82	57 852	24 033,968	176 338,420	7,337	6,876
10	33	98 616	84 974,292	2 942 818,999	34,632	34,171	60	83	54 141	22 159,529	152 304,452	6,873	6,412
11	34	98 571	83 680,425	2 857 844,708	34,152	33,691	61	84	50 218	20 250,278	130 144,922	6,427	5,966
12	35	98 521	82 401,676	2 774 164,283	33,666	33,206	62	85	46 066	18 301,594	109 894,644	6,005	5,544
13	36	98 471	81 142,595	2 691 762,607	33,173	32,712	63	86	41 748	16 340,690	91 593,049	5,605	5,144
14	37	98 413	79 896,592	2 610 620,012	32,675	32,214	64	87	37 336	14 397,922	75 252,360	5,227	4,766
15	38	98 346	78 662,036	2 530 723,420	32,172	31,711	65	88	32 823	12 470,713	60 854,438	4,880	4,419
16	39	98 274	77 442,609	2 452 061,384	31,663	31,202	66	89	28 376	10 621,551	48 383,726	4,555	4,094
17	40	98 183	76 227,860	2 374 618,775	31,152	30,691	67	90	23 957	8 835,067	37 762,175	4,274	3,813
18	41	98 080	75 022,877	2 298 390,915	30,636	30,175	68	91	19 887	7 225,536	28 927,108	4,003	3,543
19	42	97 955	73 819,363	2 223 368,038	30,119	29,658	69	92	16 040	5 741,756	21 701,572	3,780	3,319
20	43	97 820	72 628,192	2 149 548,675	29,597	29,136	70	93	12 732	4 490,417	15 959,817	3,554	3,093
21	44	97 667	71 443,153	2 076 920,483	29,071	28,610	71	94	9 864	3 427,307	11 469,400	3,346	2,886
22	45	97 505	70 270,291	2 005 477,330	28,539	28,079	72	95	7 445	2 548,769	8 042,093	3,155	2,694
23	46	97 329	69 107,201	1 935 207,039	28,003	27,542	73	96	5 468	1 844,355	5 493,324	2,978	2,518
24	47	97 141	67 954,428	1 866 099,837	27,461	27,000	74	97	3 901	1 296,222	3 648,969	2,815	2,354
25	48	96 928	66 803,302	1 798 145,409	26,917	26,456	75	98	2 696	882,460	2 352,747	2,666	2,205
26	49	96 703	65 663,576	1 731 342,107	26,367	25,906	76	99	1 803	581,464	1 470,287	2,529	2,068
27	50	96 448	64 522,550	1 665 678,531	25,815	25,355	77	100	1 165	370,099	888,822	2,402	1,941
28	51	96 175	63 388,825	1 601 155,981	25,259	24,798							
29	52	95 882	62 261,800	1 537 767,156	24,698	24,238							
30	53	95 556	61 133,043	1 475 505,356	24,136	23,675							
31	54	95 208	60 010,091	1 414 372,313	23,569	23,108							
32	55	94 836	58 892,503	1 354 362,222	22,997	22,536							
33	56	94 431	57 774,087	1 295 469,720	22,423	21,962							
34	57	94 003	56 662,283	1 237 695,633	21,843	21,383							
35	58	93 553	55 557,699	1 181 033,350	21,258	20,797							
36	59	93 062	54 449,359	1 125 475,651	20,670	20,209							
37	60	92 541	53 344,347	1 071 026,293	20,078	19,617							
38	61	91 954	52 223,163	1 017 681,946	19,487	19,026							
39	62	91 326	51 099,487	965 458,782	18,894	18,433							
40	63	90 645	49 969,338	914 359,295	18,298	17,838							
41	64	89 919	48 836,433	864 389,957	17,700	17,239							
42	65	89 136	47 695,688	815 553,524	17,099	16,638							
43	66	88 305	46 552,527	767 857,836	16,494	16,034							
44	67	87 393	45 391,135	721 305,309	15,891	15,430							
45	68	86 423	44 223,775	675 914,174	15,284	14,823							
46	69	85 394	43 051,557	631 690,399	14,673	14,212							
47	70	84 278	41 861,012	588 638,842	14,062	13,601							
48	71	83 059	40 646,097	546 777,830	13,452	12,991							
49	72	81 727	39 402,961	506 131,733	12,845	12,384							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	24	99 361	99 361,342	3 831 919,416	38,565	38,105	50	74	78 950	37 501,603	438 959,171	11,705	11,244
1	25	98 957	97 494,605	3 732 558,074	38,285	37,824	51	75	77 171	36 114,824	401 457,568	11,116	10,655
2	26	98 903	96 001,245	3 635 063,469	37,865	37,404	52	76	75 158	34 652,887	365 342,744	10,543	10,082
3	27	98 861	94 542,275	3 539 062,224	37,434	36,973	53	77	72 950	33 137,849	330 689,857	9,979	9,518
4	28	98 821	93 107,126	3 444 519,949	36,995	36,534	54	78	70 536	31 567,787	297 552,008	9,426	8,965
5	29	98 782	91 695,784	3 351 412,823	36,549	36,088	55	79	67 851	29 917,474	265 984,221	8,891	8,430
6	30	98 743	90 304,996	3 259 717,039	36,097	35,636	56	80	64 945	28 213,021	236 066,747	8,367	7,907
7	31	98 705	88 935,860	3 169 412,043	35,637	35,176	57	81	61 779	26 441,011	207 853,726	7,861	7,400
8	32	98 667	87 587,856	3 080 476,183	35,170	34,709	58	82	58 366	24 610,912	181 412,715	7,371	6,910
9	33	98 624	86 255,680	2 992 888,326	34,698	34,237	59	83	54 662	22 708,632	156 801,803	6,905	6,444
10	34	98 580	84 943,222	2 906 632,646	34,219	33,758	60	84	50 745	20 769,870	134 093,171	6,456	5,995
11	35	98 529	83 644,879	2 821 689,424	33,734	33,273	61	85	46 586	18 785,865	113 323,301	6,032	5,572
12	36	98 482	82 368,900	2 738 044,545	33,241	32,780	62	86	42 254	16 787,053	94 537,436	5,632	5,171
13	37	98 424	81 104,035	2 655 675,644	32,744	32,283	63	87	37 814	14 801,026	77 750,383	5,253	4,792
14	38	98 361	79 853,952	2 574 571,609	32,241	31,780	64	88	33 293	12 838,748	62 949,357	4,903	4,442
15	39	98 291	78 618,244	2 494 717,657	31,732	31,271	65	89	28 810	10 945,705	50 110,609	4,578	4,117
16	40	98 209	77 391,377	2 416 099,413	31,219	30,758	66	90	24 360	9 118,421	39 164,905	4,295	3,834
17	41	98 114	76 174,026	2 338 708,036	30,702	30,241	67	91	20 249	7 467,437	30 046,484	4,024	3,563
18	42	98 002	74 962,746	2 262 534,010	30,182	29,721	68	92	16 353	5 941,655	22 579,046	3,800	3,339
19	43	97 867	73 753,657	2 187 571,264	29,661	29,200	69	93	13 005	4 655,267	16 637,391	3,574	3,113
20	44	97 719	72 553,825	2 113 817,607	29,134	28,674	70	94	10 094	3 559,766	11 982,124	3,366	2,905
21	45	97 557	71 362,911	2 041 263,781	28,604	28,143	71	95	7 636	2 653,138	8 422,358	3,174	2,714
22	46	97 381	70 181,102	1 969 900,870	28,069	27,608	72	96	5 621	1 924,182	5 769,220	2,998	2,537
23	47	97 192	69 009,822	1 899 719,768	27,528	27,067	73	97	4 021	1 356,146	3 845,038	2,835	2,374
24	48	96 982	67 843,314	1 830 709,947	26,984	26,524	74	98	2 790	927,095	2 488,892	2,685	2,224
25	49	96 757	66 685,165	1 762 866,632	26,436	25,975	75	99	1 873	613,141	1 561,796	2,547	2,086
26	50	96 504	65 528,463	1 696 181,467	25,885	25,424	76	100	1 215	391,963	948,656	2,420	1,959
27	51	96 236	64 380,407	1 630 653,004	25,328	24,868							
28	52	95 940	63 233,725	1 566 272,596	24,770	24,309							
29	53	95 619	62 090,869	1 503 038,871	24,207	23,746							
30	54	95 269	60 949,243	1 440 948,002	23,642	23,181							
31	55	94 904	59 818,586	1 379 998,759	23,070	22,609							
32	56	94 500	58 683,837	1 320 180,173	22,496	22,036							
33	57	94 074	57 556,151	1 261 496,336	21,918	21,457							
34	58	93 627	56 435,828	1 203 940,185	21,333	20,872							
35	59	93 140	55 312,561	1 147 504,357	20,746	20,285							
36	60	92 622	54 192,247	1 092 191,796	20,154	19,693							
37	61	92 042	53 056,856	1 037 999,549	19,564	19,103							
38	62	91 426	51 923,052	984 942,693	18,969	18,508							
39	63	90 749	50 777,170	933 019,641	18,375	17,914							
40	64	90 035	49 632,651	882 242,471	17,775	17,315							
41	65	89 258	48 477,514	832 609,820	17,175	16,714							
42	66	88 440	47 323,191	784 132,305	16,570	16,109							
43	67	87 549	46 154,304	736 809,114	15,964	15,503							
44	68	86 595	44 976,609	690 654,810	15,356	14,895							
45	69	85 583	43 794,334	645 678,201	14,743	14,283							
46	70	84 487	42 594,285	601 883,867	14,131	13,670							
47	71	83 300	41 375,226	559 289,582	13,517	13,057							
48	72	81 990	40 122,690	517 914,356	12,908	12,447							
49	73	80 544	38 832,496	477 791,667	12,304	11,843							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	25	99 341	99 341,258	3 794 578,221	38,197	37,737	50	75	77 481	36 803,790	411 027,519	11,168	10,707
1	26	98 935	97 473,158	3 695 236,963	37,910	37,450	51	76	75 515	35 339,875	374 223,729	10,589	10,128
2	27	98 879	95 978,525	3 597 763,805	37,485	37,024	52	77	73 317	33 804,141	338 883,854	10,025	9,564
3	28	98 834	94 516,876	3 501 785,281	37,049	36,589	53	78	70 927	32 219,145	305 079,713	9,469	9,008
4	29	98 796	93 083,582	3 407 268,404	36,604	36,144	54	79	68 274	30 555,463	272 860,569	8,930	8,469
5	30	98 754	91 669,475	3 314 184,822	36,154	35,693	55	80	65 388	28 831,292	242 305,106	8,404	7,943
6	31	98 715	90 279,437	3 222 515,348	35,695	35,234	56	81	62 233	27 034,688	213 473,814	7,896	7,435
7	32	98 675	88 908,999	3 132 235,911	35,230	34,769	57	82	58 839	25 182,674	186 439,126	7,403	6,943
8	33	98 632	87 556,809	3 043 326,911	34,758	34,298	58	83	55 147	23 253,760	161 256,451	6,935	6,474
9	34	98 588	86 224,142	2 955 770,103	34,280	33,819	59	84	51 234	21 284,537	138 002,691	6,484	6,023
10	35	98 538	84 907,140	2 869 545,961	33,796	33,335	60	85	47 076	19 267,882	116 718,154	6,058	5,597
11	36	98 490	83 611,609	2 784 638,820	33,304	32,844	61	86	42 731	17 231,248	97 450,271	5,655	5,195
12	37	98 435	82 329,757	2 701 027,211	32,807	32,347	62	87	38 273	15 205,331	80 219,024	5,276	4,815
13	38	98 371	81 060,751	2 618 697,454	32,305	31,845	63	88	33 719	13 198,199	65 013,692	4,926	4,465
14	39	98 306	79 809,497	2 537 636,703	31,796	31,335	64	89	29 221	11 268,734	51 815,493	4,598	4,137
15	40	98 226	78 566,234	2 457 827,206	31,284	30,823	65	90	24 733	9 396,702	40 546,759	4,315	3,854
16	41	98 139	77 336,721	2 379 260,972	30,765	30,304	66	91	20 589	7 706,930	31 150,057	4,042	3,581
17	42	98 035	76 112,973	2 301 924,251	30,244	29,783	67	92	16 651	6 140,574	23 443,127	3,818	3,357
18	43	97 915	74 896,023	2 225 811,278	29,719	29,258	68	93	13 259	4 817,340	17 302,553	3,592	3,131
19	44	97 767	73 678,138	2 150 915,255	29,193	28,733	69	94	10 309	3 690,450	12 485,213	3,383	2,922
20	45	97 610	72 472,336	2 077 237,117	28,662	28,202	70	95	7 814	2 755,677	8 794,762	3,192	2,731
21	46	97 433	71 272,335	2 004 764,781	28,128	27,667	71	96	5 765	2 002,975	6 039,086	3,015	2,554
22	47	97 244	70 082,209	1 933 492,446	27,589	27,128	72	97	4 133	1 414,843	4 036,110	2,853	2,392
23	48	97 033	68 896,983	1 863 410,237	27,046	26,586	73	98	2 876	969,955	2 621,268	2,702	2,242
24	49	96 811	67 723,338	1 794 513,255	26,498	26,037	74	99	1 939	644,154	1 651,313	2,564	2,103
25	50	96 557	66 547,951	1 726 789,916	25,948	25,487	75	100	1 263	413,316	1 007,159	2,437	1,976
26	51	96 292	65 384,104	1 660 241,966	25,392	24,931							
27	52	96 000	64 222,882	1 594 857,862	24,833	24,372							
28	53	95 676	63 060,126	1 530 634,980	24,273	23,812							
29	54	95 331	61 904,190	1 467 574,854	23,707	23,246							
30	55	94 965	60 754,741	1 405 670,665	23,137	22,676							
31	56	94 568	59 606,638	1 344 915,924	22,563	22,102							
32	57	94 144	58 462,469	1 285 309,285	21,985	21,524							
33	58	93 698	57 326,124	1 226 846,816	21,401	20,940							
34	59	93 214	56 186,816	1 169 520,692	20,815	20,354							
35	60	92 700	55 051,374	1 113 333,876	20,224	19,763							
36	61	92 123	53 900,186	1 058 282,502	19,634	19,173							
37	62	91 513	52 751,953	1 004 382,316	19,040	18,579							
38	63	90 849	51 595,540	951 630,363	18,444	17,983							
39	64	90 138	50 435,040	900 034,823	17,845	17,385							
40	65	89 373	49 267,881	849 599,782	17,244	16,784							
41	66	88 561	48 098,911	800 331,901	16,639	16,178							
42	67	87 683	46 918,376	752 232,990	16,033	15,572							
43	68	86 750	45 732,809	705 314,614	15,423	14,962							
44	69	85 754	44 539,858	659 581,805	14,809	14,348							
45	70	84 674	43 329,172	615 041,947	14,195	13,734							
46	71	83 506	42 099,990	571 712,775	13,580	13,119							
47	72	82 227	40 842,429	529 612,786	12,967	12,506							
48	73	80 803	39 541,805	488 770,356	12,361	11,900							
49	74	79 234	38 201,033	449 228,552	11,760	11,299							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	49	93 528	44 426,226	954 676,595	21,489	21,028
1	0	99 613	98 141,102	4 343 604,587	44,259	43,798	51	50	92 962	43 504,866	910 250,369	20,923	20,462
2	1	99 267	96 354,366	4 245 463,485	44,061	43,600	52	51	92 318	42 565,178	866 745,503	20,363	19,902
3	2	99 222	94 887,439	4 149 109,118	43,727	43,266	53	52	91 632	41 624,107	824 180,326	19,801	19,340
4	3	99 193	93 458,240	4 054 221,680	43,380	42,919	54	53	90 876	40 670,650	782 556,219	19,241	18,781
5	4	99 169	92 054,569	3 960 763,440	43,026	42,565	55	54	90 041	39 701,734	741 885,569	18,686	18,226
6	5	99 146	90 673,551	3 868 708,871	42,666	42,206	56	55	89 147	38 726,372	702 183,834	18,132	17,671
7	6	99 126	89 315,081	3 778 035,320	42,300	41,839	57	56	88 183	37 741,748	663 457,462	17,579	17,118
8	7	99 109	87 980,240	3 688 720,239	41,927	41,466	58	57	87 144	36 745,700	625 715,714	17,028	16,567
9	8	99 092	86 665,381	3 600 739,999	41,548	41,087	59	58	86 032	35 740,871	588 970,014	16,479	16,018
10	9	99 077	85 371,618	3 514 074,619	41,162	40,701	60	59	84 835	34 722,758	553 229,143	15,933	15,472
11	10	99 062	84 096,650	3 428 703,000	40,771	40,310	61	60	83 557	33 694,253	518 506,385	15,389	14,928
12	11	99 046	82 840,853	3 344 606,350	40,374	39,913	62	61	82 179	32 648,758	484 812,132	14,849	14,389
13	12	99 027	81 600,995	3 261 765,498	39,972	39,511	63	62	80 727	31 598,003	452 163,374	14,310	13,849
14	13	99 008	80 379,682	3 180 164,503	39,564	39,103	64	63	79 204	30 543,553	420 565,372	13,769	13,309
15	14	98 984	79 172,827	3 099 784,820	39,152	38,691	65	64	77 561	29 468,094	390 021,818	13,235	12,775
16	15	98 956	77 980,445	3 020 611,994	38,736	38,275	66	65	75 832	28 385,246	360 553,725	12,702	12,241
17	16	98 918	76 798,411	2 942 631,548	38,316	37,856	67	66	73 995	27 288,379	332 168,479	12,173	11,712
18	17	98 869	75 626,187	2 865 833,137	37,895	37,434	68	67	72 050	26 178,524	304 880,100	11,646	11,185
19	18	98 806	74 460,734	2 790 206,950	37,472	37,011	69	68	70 025	25 066,752	278 701,576	11,118	10,658
20	19	98 735	73 307,731	2 715 746,216	37,046	36,585	70	69	67 893	23 944,307	253 634,824	10,593	10,132
21	20	98 661	72 170,608	2 642 438,486	36,614	36,153	71	70	65 643	22 808,476	229 690,517	10,070	9,610
22	21	98 586	71 049,846	2 570 267,878	36,176	35,715	72	71	63 263	21 656,963	206 882,041	9,553	9,092
23	22	98 513	69 948,010	2 499 218,031	35,730	35,269	73	72	60 756	20 491,186	185 225,077	9,039	8,578
24	23	98 440	68 862,816	2 429 270,022	35,277	34,816	74	73	58 089	19 302,188	164 733,891	8,534	8,074
25	24	98 362	67 791,676	2 360 407,206	34,819	34,358	75	74	55 209	18 074,112	145 431,703	8,046	7,586
26	25	98 288	66 739,642	2 292 615,530	34,352	33,891	76	75	52 153	16 821,416	127 357,591	7,571	7,110
27	26	98 209	65 700,681	2 225 875,888	33,879	33,418	77	76	48 910	15 542,282	110 536,175	7,112	6,651
28	27	98 124	64 673,454	2 160 175,207	33,401	32,940	78	77	45 482	14 239,278	94 993,893	6,671	6,210
29	28	98 039	63 662,292	2 095 501,753	32,916	32,455	79	78	41 885	12 919,452	80 754,615	6,251	5,790
30	29	97 949	62 664,375	2 031 839,461	32,424	31,963	80	79	38 156	11 595,240	67 835,163	5,850	5,389
31	30	97 859	61 681,092	1 969 175,086	31,925	31,464	81	80	34 379	10 292,953	56 239,923	5,464	5,003
32	31	97 761	60 708,987	1 907 493,994	31,420	30,959	82	81	30 543	9 009,367	45 946,970	5,100	4,639
33	32	97 660	59 749,791	1 846 785,007	30,909	30,448	83	82	26 753	7 774,722	36 937,603	4,751	4,290
34	33	97 551	58 801,003	1 787 035,217	30,391	29,930	84	83	23 055	6 601,230	29 162,881	4,418	3,957
35	34	97 438	57 864,907	1 728 234,213	29,867	29,406	85	84	19 488	5 497,262	22 561,651	4,104	3,643
36	35	97 314	56 937,677	1 670 369,306	29,337	28,876	86	85	16 114	4 478,538	17 064,389	3,810	3,349
37	36	97 190	56 024,528	1 613 431,629	28,799	28,338	87	86	12 994	3 557,852	12 585,852	3,537	3,077
38	37	97 052	55 118,000	1 557 407,100	28,256	27,795	88	87	10 178	2 745,588	9 028,000	3,288	2,827
39	38	96 893	54 214,810	1 502 289,101	27,710	27,249	89	88	7 730	2 054,348	6 282,412	3,058	2,597
40	39	96 728	53 322,585	1 448 074,291	27,157	26,696	90	89	5 649	1 479,333	4 228,064	2,858	2,397
41	40	96 540	52 432,463	1 394 751,706	26,601	26,140	91	90	3 996	1 031,005	2 748,731	2,666	2,205
42	41	96 340	51 550,420	1 342 319,244	26,039	25,578	92	91	2 703	686,980	1 717,725	2,500	2,040
43	42	96 115	50 670,271	1 290 768,823	25,474	25,013	93	92	1 742	436,151	1 030,745	2,363	1,902
44	43	95 859	49 788,074	1 240 098,552	24,908	24,447	94	93	1 081	266,640	594,594	2,230	1,769
45	44	95 570	48 904,577	1 190 310,479	24,339	23,879	95	94	640	155,453	327,955	2,110	1,649
46	45	95 251	48 021,132	1 141 405,902	23,769	23,308	96	95	360	86,201	172,502	2,001	1,540
47	46	94 895	47 134,533	1 093 384,770	23,197	22,736	97	96	192	45,344	86,301	1,903	1,442
48	47	94 488	46 238,665	1 046 250,237	22,627	22,166	98	97	97	22,568	40,957	1,815	1,354
49	48	94 031	45 334,977	1 000 011,572	22,058	21,597	99	98	46	10,599	18,389	1,735	1,274
							100	99	21	4,685	7,790	1,663	1,202

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	48	93 694	44 504,930	964 997,880	21,683	21,222
1							51	49	93 154	43 594,568	920 492,950	21,115	20,654
2	0	99 581	96 659,102	4 257 108,675	44,043	43,582	52	50	92 522	42 659,156	876 898,382	20,556	20,095
3	1	99 248	94 912,492	4 160 449,573	43,835	43,374	53	51	91 856	41 726,202	834 239,227	19,993	19,532
4	2	99 208	93 472,162	4 065 537,081	43,495	43,034	54	52	91 126	40 782,614	792 513,024	19,433	18,972
5	3	99 180	92 064,856	3 972 064,919	43,144	42,683	55	53	90 313	39 821,459	751 730,411	18,878	18,417
6	4	99 158	90 684,359	3 880 000,063	42,786	42,325	56	54	89 432	38 850,352	711 908,951	18,324	17,864
7	5	99 136	89 324,109	3 789 315,705	42,422	41,961	57	55	88 497	37 875,949	673 058,599	17,770	17,309
8	6	99 118	87 987,903	3 699 991,596	42,051	41,590	58	56	87 474	36 884,837	635 182,650	17,221	16,760
9	7	99 101	86 672,820	3 612 003,693	41,674	41,213	59	57	86 378	35 884,285	598 297,813	16,673	16,212
10	8	99 085	85 377,906	3 525 330,873	41,291	40,830	60	58	85 211	34 876,645	562 413,528	16,126	15,665
11	9	99 068	84 102,452	3 439 952,967	40,902	40,441	61	59	83 954	33 854,113	527 536,883	15,583	15,122
12	10	99 053	82 846,232	3 355 850,515	40,507	40,046	62	60	82 624	32 825,667	493 682,771	15,040	14,579
13	11	99 035	81 607,521	3 273 003,783	40,107	39,646	63	61	81 194	31 780,637	460 857,104	14,501	14,040
14	12	99 016	80 386,154	3 191 396,262	39,701	39,240	64	62	79 707	30 737,434	429 076,467	13,959	13,499
15	13	98 993	79 179,919	3 111 010,109	39,290	38,830	65	63	78 087	29 667,993	398 339,033	13,427	12,966
16	14	98 967	77 988,898	3 031 830,189	38,875	38,414	66	64	76 393	28 595,405	368 671,041	12,893	12,432
17	15	98 930	76 808,073	2 953 841,291	38,457	37,997	67	65	74 577	27 503,175	340 075,635	12,365	11,904
18	16	98 884	75 637,826	2 877 033,218	38,037	37,576	68	66	72 672	26 404,394	312 572,460	11,838	11,377
19	17	98 822	74 472,685	2 801 395,393	37,616	37,156	69	67	70 671	25 297,779	286 168,066	11,312	10,851
20	18	98 757	73 324,479	2 726 922,708	37,190	36,729	70	68	68 559	24 179,101	260 870,287	10,789	10,328
21	19	98 682	72 185,517	2 653 598,229	36,761	36,300	71	69	66 347	23 053,338	236 691,186	10,267	9,806
22	20	98 608	71 065,622	2 581 412,712	36,324	35,864	72	70	64 006	21 911,237	213 637,848	9,750	9,289
23	21	98 534	69 962,652	2 510 347,090	35,881	35,420	73	71	61 548	20 758,498	191 726,611	9,236	8,775
24	22	98 462	68 878,268	2 440 384,438	35,430	34,970	74	72	58 942	19 585,745	170 968,114	8,729	8,268
25	23	98 385	67 807,176	2 371 506,170	34,974	34,513	75	73	56 122	18 372,877	151 382,369	8,239	7,779
26	24	98 308	66 753,135	2 303 698,995	34,511	34,050	76	74	53 142	17 140,356	133 009,492	7,760	7,299
27	25	98 231	65 715,137	2 236 945,860	34,040	33,579	77	75	49 983	15 883,101	115 869,136	7,295	6,834
28	26	98 147	64 688,763	2 171 230,723	33,564	33,103	78	76	46 624	14 596,795	99 986,035	6,850	6,389
29	27	98 065	63 679,400	2 106 541,960	33,080	32,620	79	77	43 080	13 287,840	85 389,241	6,426	5,965
30	28	97 974	62 680,225	2 042 862,560	32,592	32,131	80	78	39 420	11 979,398	72 101,401	6,019	5,558
31	29	97 887	61 698,795	1 980 182,335	32,094	31,634	81	79	35 674	10 680,727	60 122,002	5,629	5,168
32	30	97 789	60 726,174	1 918 483,540	31,592	31,132	82	80	31 874	9 402,049	49 441,276	5,259	4,798
33	31	97 689	59 767,842	1 857 757,366	31,083	30,622	83	81	28 089	8 163,212	40 039,226	4,905	4,444
34	32	97 585	58 821,854	1 797 989,524	30,567	30,106	84	82	24 401	6 986,495	31 876,014	4,563	4,102
35	33	97 473	57 886,073	1 739 167,670	30,045	29,584	85	83	20 792	5 865,069	24 889,519	4,244	3,783
36	34	97 356	56 961,873	1 681 281,597	29,516	29,055	86	84	17 371	4 827,653	19 024,449	3,941	3,480
37	35	97 229	56 046,821	1 624 319,724	28,981	28,521	87	85	14 166	3 878,844	14 196,796	3,660	3,199
38	36	97 098	55 144,205	1 568 272,903	28,439	27,979	88	86	11 236	3 031,195	10 317,952	3,404	2,943
39	37	96 945	54 243,759	1 513 128,698	27,895	27,434	89	87	8 668	2 303,834	7 286,757	3,163	2,702
40	38	96 782	53 352,287	1 458 884,940	27,344	26,884	90	88	6 437	1 685,441	4 982,923	2,956	2,496
41	39	96 604	52 467,172	1 405 532,653	26,789	26,328	91	89	4 655	1 200,962	3 297,482	2,746	2,285
42	40	96 408	51 586,852	1 353 065,480	26,229	25,768	92	90	3 198	812,798	2 096,520	2,579	2,119
43	41	96 193	50 710,916	1 301 478,628	25,665	25,204	93	91	2 118	530,395	1 283,723	2,420	1,960
44	42	95 944	49 832,429	1 250 767,712	25,099	24,639	94	92	1 333	328,870	753,328	2,291	1,830
45	43	95 668	48 954,703	1 200 935,283	24,532	24,071	95	93	807	196,093	424,457	2,165	1,704
46	44	95 358	48 075,128	1 151 980,580	23,962	23,501	96	94	465	111,354	228,364	2,051	1,590
47	45	95 016	47 194,434	1 103 905,452	23,391	22,930	97	95	255	60,063	117,010	1,948	1,487
48	46	94 621	46 303,912	1 056 711,018	22,821	22,360	98	96	132	30,692	56,947	1,855	1,395
49	47	94 185	45 409,226	1 010 407,107	22,251	21,790	99	97	65	14,819	26,255	1,772	1,311
							100	98	30	6,743	11,436	1,696	1,235

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	47	93 847	44 577,820	974 564,404	21,862	21,401
1							51	48	93 319	43 671,799	929 986,584	21,295	20,834
2							52	49	92 713	42 747,114	886 314,786	20,734	20,273
3	0	99 562	95 212,668	4 171 246,011	43,810	43,349	53	50	92 059	41 818,328	843 567,671	20,172	19,711
4	1	99 234	93 496,841	4 076 033,343	43,595	43,135	54	51	91 349	40 882,645	801 749,343	19,611	19,150
5	2	99 195	92 078,570	3 982 536,501	43,252	42,791	55	52	90 561	39 931,085	760 866,698	19,054	18,594
6	3	99 169	90 694,492	3 890 457,931	42,896	42,436	56	53	89 702	38 967,510	720 935,613	18,501	18,040
7	4	99 148	89 334,756	3 799 763,439	42,534	42,073	57	54	88 780	37 997,206	681 968,103	17,948	17,487
8	5	99 128	87 996,797	3 710 428,683	42,165	41,705	58	55	87 785	37 015,991	643 970,897	17,397	16,936
9	6	99 109	86 680,368	3 622 431,886	41,791	41,330	59	56	86 705	36 020,160	606 954,906	16,850	16,390
10	7	99 093	85 385,234	3 535 751,517	41,409	40,949	60	57	85 553	35 016,591	570 934,746	16,305	15,844
11	8	99 076	84 108,646	3 450 366,283	41,023	40,562	61	58	84 326	34 004,149	535 918,155	15,760	15,300
12	9	99 060	82 852,448	3 366 257,637	40,630	40,169	62	59	83 016	32 981,406	501 914,006	15,218	14,757
13	10	99 042	81 613,313	3 283 405,189	40,231	39,770	63	60	81 634	31 952,842	468 932,600	14,676	14,215
14	11	99 024	80 392,582	3 201 791,876	39,827	39,366	64	61	80 167	30 915,094	436 979,758	14,135	13,674
15	12	99 001	79 186,294	3 121 399,294	39,418	38,958	65	62	78 583	29 856,316	406 064,664	13,601	13,140
16	13	98 976	77 995,885	3 042 213,000	39,005	38,544	66	63	76 911	28 789,384	376 208,348	13,068	12,607
17	14	98 941	76 816,399	2 964 217,116	38,588	38,128	67	64	75 130	27 706,804	347 418,964	12,539	12,078
18	15	98 897	75 647,341	2 887 400,717	38,169	37,708	68	65	73 244	26 612,232	319 712,161	12,014	11,553
19	16	98 837	74 484,146	2 811 753,375	37,750	37,289	69	66	71 280	25 516,050	293 099,929	11,487	11,026
20	17	98 773	73 336,247	2 737 269,230	37,325	36,864	70	67	69 191	24 401,947	267 583,879	10,966	10,505
21	18	98 704	72 202,009	2 663 932,982	36,896	36,435	71	68	66 998	23 279,395	243 181,931	10,446	9,985
22	19	98 628	71 080,303	2 591 730,973	36,462	36,001	72	69	64 693	22 146,466	219 902,536	9,929	9,469
23	20	98 556	69 978,187	2 520 650,671	36,021	35,560	73	70	62 271	21 002,223	197 756,070	9,416	8,955
24	21	98 482	68 892,066	2 450 672,484	35,572	35,112	74	71	59 711	19 841,244	176 753,847	8,908	8,448
25	22	98 407	67 822,390	2 381 779,798	35,118	34,657	75	72	56 946	18 642,782	156 912,603	8,417	7,956
26	23	98 330	66 768,397	2 313 957,408	34,656	34,196	76	73	54 021	17 423,686	138 269,821	7,936	7,475
27	24	98 251	65 728,423	2 247 189,011	34,189	33,728	77	74	50 930	16 184,250	120 846,135	7,467	7,006
28	25	98 169	64 702,997	2 181 460,588	33,715	33,254	78	75	47 646	14 916,880	104 661,885	7,016	6,556
29	26	98 088	63 694,474	2 116 757,591	33,233	32,772	79	76	44 161	13 621,468	89 745,005	6,588	6,128
30	27	98 001	62 697,068	2 053 063,117	32,746	32,285	80	77	40 544	12 320,982	76 123,537	6,178	5,718
31	28	97 912	61 714,400	1 990 366,049	32,251	31,790	81	78	36 856	11 034,587	63 802,555	5,782	5,321
32	29	97 817	60 743,603	1 928 651,648	31,751	31,290	82	79	33 075	9 756,259	52 767,969	5,409	4,948
33	30	97 717	59 784,763	1 867 908,045	31,244	30,783	83	80	29 314	8 519,014	43 011,709	5,049	4,588
34	31	97 615	58 839,625	1 808 123,282	30,730	30,269	84	81	25 620	7 335,599	34 492,695	4,702	4,241
35	32	97 508	57 906,599	1 749 283,657	30,209	29,748	85	82	22 005	6 207,371	27 157,097	4,375	3,914
36	33	97 391	56 982,708	1 691 377,058	29,682	29,221	86	83	18 533	5 150,659	20 949,726	4,067	3,607
37	34	97 270	56 070,639	1 634 394,350	29,149	28,688	87	84	15 270	4 181,212	15 799,067	3,779	3,318
38	35	97 136	55 166,147	1 578 323,712	28,610	28,150	88	85	12 250	3 304,672	11 617,855	3,516	3,055
39	36	96 991	54 269,548	1 523 157,564	28,067	27,606	89	86	9 570	2 543,488	8 313,183	3,268	2,808
40	37	96 834	53 380,775	1 468 888,016	27,517	27,056	90	87	7 218	1 890,126	5 769,695	3,053	2,592
41	38	96 658	52 496,398	1 415 507,240	26,964	26,503	91	88	5 304	1 368,285	3 879,570	2,835	2,375
42	39	96 472	51 621,002	1 363 010,843	26,404	25,943	92	89	3 725	946,784	2 511,284	2,652	2,192
43	40	96 260	50 746,754	1 311 389,840	25,842	25,381	93	90	2 506	627,535	1 564,501	2,493	2,032
44	41	96 021	49 872,401	1 260 643,086	25,277	24,817	94	91	1 621	399,933	936,966	2,343	1,882
45	42	95 753	48 998,316	1 210 770,685	24,710	24,250	95	92	995	241,859	537,033	2,220	1,760
46	43	95 456	48 124,404	1 161 772,369	24,141	23,680	96	93	587	140,466	295,173	2,101	1,641
47	44	95 122	47 247,500	1 113 647,965	23,571	23,110	97	94	329	77,589	154,708	1,994	1,533
48	45	94 741	46 362,757	1 066 400,464	23,001	22,540	98	95	175	40,654	77,119	1,897	1,436
49	46	94 318	45 473,303	1 020 037,707	22,432	21,971	99	96	88	20,153	36,464	1,809	1,349
							100	97	42	9,427	16,311	1,730	1,269

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß 1,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	46	93 980	44 640,723	983 408,751	22,029	21,569
1							51	47	93 472	43 743,324	938 768,027	21,461	21,000
2							52	48	92 877	42 822,843	895 024,703	20,901	20,440
3							53	49	92 249	41 904,553	852 201,860	20,337	19,876
4	0	99 548	93 792,540	4 086 025,156	43,565	43,104	54	50	91 551	40 972,908	810 297,307	19,776	19,316
5	1	99 221	92 102,882	3 992 232,616	43,345	42,885	55	51	90 784	40 029,028	769 324,398	19,219	18,758
6	2	99 184	90 708,002	3 900 129,734	42,997	42,536	56	52	89 949	39 074,785	729 295,371	18,664	18,203
7	3	99 159	89 344,739	3 809 421,731	42,637	42,177	57	53	89 048	38 111,791	690 220,586	18,110	17,650
8	4	99 140	88 007,286	3 720 076,993	42,270	41,809	58	54	88 066	37 134,495	652 108,795	17,561	17,100
9	5	99 119	86 689,131	3 632 069,707	41,898	41,437	59	55	87 013	36 148,239	614 974,300	17,013	16,552
10	6	99 102	85 392,671	3 545 380,576	41,519	41,058	60	56	85 877	35 149,181	578 826,060	16,468	16,007
11	7	99 084	84 115,865	3 459 987,905	41,134	40,673	61	57	84 664	34 140,594	543 676,880	15,925	15,464
12	8	99 067	82 858,550	3 375 872,040	40,743	40,282	62	58	83 384	33 127,575	509 536,285	15,381	14,920
13	9	99 049	81 618,943	3 293 013,490	40,346	39,885	63	59	82 021	32 104,440	476 408,710	14,839	14,379
14	10	99 031	80 398,288	3 211 394,546	39,944	39,483	64	60	80 602	31 082,609	444 304,270	14,294	13,834
15	11	99 009	79 192,627	3 130 996,258	39,536	39,076	65	61	79 037	30 028,883	413 221,661	13,761	13,300
16	12	98 984	78 002,164	3 051 803,632	39,125	38,664	66	62	77 400	28 972,130	383 192,778	13,226	12,765
17	13	98 950	76 823,280	2 973 801,468	38,710	38,249	67	63	75 639	27 894,755	354 220,648	12,698	12,238
18	14	98 908	75 655,541	2 896 978,188	38,292	37,831	68	64	73 786	26 809,264	326 325,894	12,172	11,711
19	15	98 849	74 493,516	2 821 322,646	37,873	37,413	69	65	71 842	25 716,896	299 516,629	11,647	11,186
20	16	98 788	73 347,534	2 746 829,130	37,450	36,989	70	66	69 788	24 612,489	273 799,734	11,124	10,664
21	17	98 720	72 213,597	2 673 481,596	37,022	36,561	71	67	67 615	23 493,949	249 187,245	10,606	10,146
22	18	98 651	71 096,542	2 601 267,999	36,588	36,127	72	68	65 328	22 363,631	225 693,295	10,092	9,631
23	19	98 576	69 992,643	2 530 171,457	36,149	35,688	73	69	62 940	21 227,693	203 329,664	9,579	9,118
24	20	98 504	68 907,983	2 460 178,814	35,702	35,242	74	70	60 412	20 074,200	182 101,971	9,071	8,611
25	21	98 427	67 836,588	2 391 270,831	35,250	34,790	75	71	57 689	18 885,980	162 027,772	8,579	8,118
26	22	98 353	66 783,379	2 323 434,243	34,791	34,330	76	72	54 814	17 679,647	143 141,791	8,096	7,636
27	23	98 273	65 743,451	2 256 650,865	34,325	33,864	77	73	51 772	16 451,775	125 462,144	7,626	7,165
28	24	98 189	64 716,078	2 190 907,414	33,854	33,393	78	74	48 550	15 199,709	109 010,369	7,172	6,711
29	25	98 110	63 708,488	2 126 191,336	33,374	32,913	79	75	45 130	13 920,166	93 810,660	6,739	6,278
30	26	98 024	62 711,910	2 062 482,848	32,888	32,427	80	76	41 562	12 630,334	79 890,494	6,325	5,864
31	27	97 938	61 730,984	1 999 770,937	32,395	31,934	81	77	37 907	11 349,229	67 260,159	5,926	5,466
32	28	97 842	60 758,967	1 938 039,953	31,897	31,436	82	78	34 171	10 079,491	55 910,930	5,547	5,086
33	29	97 745	59 801,921	1 877 280,986	31,392	30,931	83	79	30 418	8 839,957	45 831,439	5,185	4,724
34	30	97 642	58 856,283	1 817 479,064	30,880	30,419	84	80	26 737	7 655,328	36 991,482	4,832	4,371
35	31	97 537	57 924,093	1 758 622,781	30,361	29,900	85	81	23 105	6 517,543	29 336,154	4,501	4,040
36	32	97 426	57 002,914	1 700 698,688	29,835	29,374	86	82	19 614	5 451,265	22 818,612	4,186	3,725
37	33	97 306	56 091,148	1 643 695,774	29,304	28,843	87	83	16 292	4 460,966	17 367,346	3,893	3,432
38	34	97 178	55 189,591	1 587 604,626	28,766	28,306	88	84	13 205	3 562,281	12 906,381	3,623	3,162
39	35	97 030	54 291,143	1 532 415,036	28,226	27,765	89	85	10 433	2 772,964	9 344,100	3,370	2,909
40	36	96 880	53 406,155	1 478 123,893	27,677	27,216	90	86	7 969	2 086,744	6 571,136	3,149	2,688
41	37	96 709	52 524,429	1 424 717,738	27,125	26,664	91	87	5 948	1 534,454	4 484,392	2,922	2,462
42	38	96 525	51 649,757	1 372 193,309	26,567	26,106	92	88	4 244	1 078,694	2 949,938	2,735	2,274
43	39	96 324	50 780,348	1 320 543,552	26,005	25,544	93	89	2 919	730,981	1 871,244	2,560	2,099
44	40	96 089	49 907,647	1 269 763,204	25,442	24,981	94	90	1 918	473,179	1 140,263	2,410	1,949
45	41	95 830	49 037,620	1 219 855,557	24,876	24,415	95	91	1 210	294,121	667,084	2,268	1,807
46	42	95 541	48 167,277	1 170 817,937	24,307	23,847	96	92	723	173,249	372,963	2,153	1,692
47	43	95 220	47 295,928	1 122 650,660	23,737	23,276	97	93	415	97,874	199,714	2,041	1,580
48	44	94 848	46 414,888	1 075 354,732	23,168	22,708	98	94	226	52,517	101,840	1,939	1,478
49	45	94 437	45 531,093	1 028 939,843	22,599	22,138	99	95	117	26,695	49,323	1,848	1,387
							100	96	57	12,821	22,628	1,765	1,304

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	45	94 099	44 697,455	991 569,076	22,184	21,723
1							51	46	93 604	43 805,050	946 871,621	21,616	21,155
2							52	47	93 029	42 892,978	903 066,571	21,054	20,593
3							53	48	92 412	41 978,789	860 173,592	20,491	20,030
4							54	49	91 740	41 057,390	818 194,803	19,928	19,467
5	0	99 535	92 394,172	4 001 465,480	43,309	42,848	55	50	90 984	40 117,406	777 137,413	19,372	18,911
6	1	99 210	90 731,952	3 909 071,308	43,084	42,623	56	51	90 169	39 170,627	737 020,007	18,816	18,355
7	2	99 174	89 358,048	3 818 339,356	42,731	42,270	57	52	89 293	38 216,710	697 849,379	18,260	17,800
8	3	99 151	88 017,120	3 728 981,308	42,367	41,906	58	53	88 332	37 246,478	659 632,670	17,710	17,249
9	4	99 131	86 699,463	3 640 964,188	41,995	41,534	59	54	87 291	36 263,966	622 386,191	17,163	16,702
10	5	99 112	85 401,303	3 554 264,725	41,618	41,158	60	55	86 183	35 274,163	586 122,225	16,616	16,155
11	6	99 093	84 123,192	3 468 863,422	41,236	40,775	61	56	84 985	34 269,867	550 848,062	16,074	15,613
12	7	99 076	82 865,662	3 384 740,230	40,846	40,385	62	57	83 719	33 260,503	516 578,195	15,531	15,070
13	8	99 056	81 624,955	3 301 874,568	40,452	39,991	63	58	82 385	32 246,722	483 317,692	14,988	14,527
14	9	99 038	80 403,835	3 220 249,613	40,051	39,590	64	59	80 984	31 230,078	451 070,970	14,443	13,983
15	10	99 016	79 198,247	3 139 845,778	39,645	39,185	65	60	79 466	30 191,596	419 840,891	13,906	13,445
16	11	98 992	78 008,402	3 060 647,531	39,235	38,774	66	61	77 847	29 139,587	389 649,295	13,372	12,911
17	12	98 958	76 829,465	2 982 639,129	38,822	38,361	67	62	76 119	28 071,822	360 509,709	12,842	12,382
18	13	98 916	75 662,319	2 905 809,664	38,405	37,944	68	63	74 287	26 991,127	332 437,887	12,317	11,856
19	14	98 860	74 501,591	2 830 147,345	37,988	37,527	69	64	72 373	25 907,299	305 446,760	11,790	11,329
20	15	98 801	73 356,761	2 755 645,754	37,565	37,104	70	65	70 337	24 806,222	279 539,461	11,269	10,808
21	16	98 735	72 224,710	2 682 288,993	37,138	36,677	71	66	68 199	23 696,657	254 733,239	10,750	10,289
22	17	98 667	71 107,953	2 610 064,282	36,706	36,245	72	67	65 930	22 569,745	231 036,582	10,237	9,776
23	18	98 599	70 008,634	2 538 956,329	36,266	35,806	73	68	63 557	21 435,848	208 466,837	9,725	9,264
24	19	98 525	68 922,218	2 468 947,696	35,822	35,361	74	69	61 061	20 289,707	187 030,989	9,218	8,757
25	20	98 449	67 851,650	2 400 025,477	35,372	34,911	75	70	58 366	19 107,720	166 741,282	8,726	8,266
26	21	98 373	66 797,359	2 332 173,827	34,914	34,453	76	71	55 529	17 910,281	147 633,561	8,243	7,782
27	22	98 295	65 758,202	2 265 376,469	34,450	33,989	77	72	52 533	16 693,459	129 723,280	7,771	7,310
28	23	98 211	64 730,875	2 199 618,267	33,981	33,520	78	73	49 352	15 450,960	113 029,821	7,315	6,855
29	24	98 130	63 721,369	2 134 887,392	33,503	33,043	79	74	45 985	14 184,097	97 578,861	6,879	6,419
30	25	98 045	62 725,709	2 071 166,023	33,019	32,559	80	75	42 474	12 907,298	83 394,764	6,461	6,000
31	26	97 961	61 745,597	2 008 440,315	32,528	32,067	81	76	38 858	11 634,183	70 487,466	6,059	5,598
32	27	97 868	60 775,294	1 946 694,717	32,031	31,570	82	77	35 145	10 366,900	58 853,283	5,677	5,216
33	28	97 770	59 817,047	1 885 919,423	31,528	31,067	83	78	31 426	9 132,831	48 486,383	5,309	4,848
34	29	97 670	58 873,175	1 826 102,375	31,018	30,557	84	79	27 744	7 943,732	39 353,552	4,954	4,493
35	30	97 565	57 940,492	1 767 229,200	30,501	30,040	85	80	24 112	6 801,616	31 409,820	4,618	4,157
36	31	97 455	57 020,135	1 709 288,708	29,977	29,516	86	81	20 595	5 723,656	24 608,204	4,299	3,839
37	32	97 340	56 111,038	1 652 268,572	29,446	28,986	87	82	17 243	4 721,320	18 884,547	4,000	3,539
38	33	97 213	55 209,777	1 596 157,535	28,911	28,450	88	83	14 089	3 800,624	14 163,228	3,727	3,266
39	34	97 071	54 314,214	1 540 947,758	28,371	27,910	89	84	11 247	2 989,125	10 362,604	3,467	3,006
40	35	96 918	53 427,406	1 486 633,543	27,825	27,365	90	85	8 688	2 275,012	7 373,479	3,241	2,780
41	36	96 755	52 549,401	1 433 206,138	27,274	26,813	91	86	6 567	1 694,074	5 098,467	3,010	2,549
42	37	96 577	51 677,336	1 380 656,736	26,717	26,256	92	87	4 759	1 209,694	3 404,393	2,814	2,353
43	38	96 378	50 808,634	1 328 979,400	26,157	25,696	93	88	3 326	832,825	2 194,699	2,635	2,174
44	39	96 152	49 940,686	1 278 170,766	25,594	25,133	94	89	2 234	551,181	1 361,875	2,471	2,010
45	40	95 898	49 072,276	1 228 230,081	25,029	24,568	95	90	1 432	347,988	810,694	2,330	1,869
46	41	95 618	48 205,914	1 179 157,805	24,461	24,000	96	91	880	210,685	462,706	2,196	1,735
47	42	95 305	47 338,063	1 130 951,891	23,891	23,430	97	92	512	120,716	252,022	2,088	1,627
48	43	94 945	46 462,463	1 083 613,828	23,322	22,862	98	93	285	66,247	131,305	1,982	1,521
49	44	94 544	45 582,289	1 037 151,365	22,753	22,293	99	94	151	34,485	65,058	1,887	1,426
							100	95	75	16,982	30,574	1,800	1,340

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	44	94 205	44 747,714	999 084,258	22,327	21,866
1							51	45	93 723	43 860,720	954 336,544	21,758	21,298
2							52	46	93 161	42 953,505	910 475,825	21,197	20,736
3							53	47	92 564	42 047,542	867 522,320	20,632	20,171
4							54	48	91 902	41 130,126	825 474,778	20,070	19,609
5							55	49	91 172	40 200,124	784 344,652	19,511	19,050
6	0	99 524	91 018,906	3 917 591,806	43,042	42,581	56	50	90 368	39 257,111	744 144,528	18,956	18,495
7	1	99 200	89 381,641	3 826 572,900	42,812	42,351	57	51	89 512	38 310,448	704 887,417	18,399	17,939
8	2	99 165	88 030,232	3 737 191,258	42,453	41,993	58	52	88 575	37 349,015	666 576,970	17,847	17,386
9	3	99 142	86 709,152	3 649 161,026	42,085	41,624	59	53	87 555	36 373,324	629 227,955	17,299	16,838
10	4	99 124	85 411,482	3 562 451,875	41,709	41,248	60	54	86 458	35 387,091	592 854,631	16,753	16,293
11	5	99 103	84 131,695	3 477 040,393	41,329	40,868	61	55	85 287	34 391,723	557 467,540	16,209	15,749
12	6	99 084	82 872,879	3 392 908,697	40,941	40,480	62	56	84 036	33 386,443	523 075,817	15,667	15,207
13	7	99 065	81 631,961	3 310 035,818	40,548	40,087	63	57	82 715	32 376,116	489 689,374	15,125	14,664
14	8	99 045	80 409,757	3 228 403,857	40,149	39,689	64	58	81 343	31 368,486	457 313,258	14,579	14,118
15	9	99 023	79 203,711	3 147 994,101	39,746	39,285	65	59	79 843	30 334,838	425 944,772	14,041	13,581
16	10	98 999	78 013,939	3 068 790,390	39,336	38,876	66	60	78 269	29 297,481	395 609,934	13,503	13,042
17	11	98 966	76 835,609	2 990 776,451	38,924	38,464	67	61	76 559	28 234,075	366 312,453	12,974	12,513
18	12	98 924	75 668,410	2 913 940,841	38,509	38,049	68	62	74 758	27 162,458	338 078,378	12,447	11,986
19	13	98 869	74 508,266	2 838 272,431	38,093	37,633	69	63	72 864	26 083,043	310 915,920	11,920	11,459
20	14	98 812	73 364,713	2 763 764,166	37,672	37,211	70	64	70 858	24 989,883	284 832,878	11,398	10,937
21	15	98 748	72 233,797	2 690 399,453	37,246	36,785	71	65	68 736	23 883,181	259 842,994	10,880	10,419
22	16	98 682	71 118,896	2 618 165,656	36,814	36,353	72	66	66 499	22 764,478	235 959,813	10,365	9,904
23	17	98 614	70 019,870	2 547 046,760	36,376	35,915	73	67	64 143	21 633,411	213 195,335	9,855	9,394
24	18	98 547	68 937,964	2 477 026,890	35,931	35,470	74	68	61 660	20 488,665	191 561,923	9,350	8,889
25	19	98 469	67 865,667	2 408 088,925	35,483	35,022	75	69	58 993	19 312,852	171 073,259	8,858	8,397
26	20	98 395	66 812,190	2 340 223,258	35,027	34,566	76	70	56 181	18 120,565	151 760,407	8,375	7,914
27	21	98 316	65 771,968	2 273 411,068	34,565	34,104	77	71	53 218	16 911,228	133 639,841	7,902	7,442
28	22	98 233	64 745,399	2 207 639,101	34,097	33,636	78	72	50 077	15 677,941	116 728,613	7,445	6,985
29	23	98 152	63 735,938	2 142 893,702	33,621	33,161	79	73	46 745	14 418,560	101 050,672	7,008	6,548
30	24	98 065	62 738,390	2 079 157,764	33,140	32,679	80	74	43 279	13 152,025	86 632,112	6,587	6,126
31	25	97 983	61 759,183	2 016 419,374	32,650	32,189	81	75	39 711	11 889,303	73 480,087	6,180	5,720
32	26	97 891	60 789,681	1 954 660,191	32,154	31,694	82	76	36 027	10 627,190	61 590,784	5,796	5,335
33	27	97 796	59 833,122	1 893 870,509	31,653	31,192	83	77	32 322	9 393,246	50 963,594	5,426	4,965
34	28	97 695	58 888,066	1 834 037,388	31,144	30,684	84	78	28 663	8 206,914	41 570,348	5,065	4,604
35	29	97 593	57 957,121	1 775 149,321	30,629	30,168	85	79	25 020	7 057,858	33 363,434	4,727	4,266
36	30	97 483	57 036,279	1 717 192,200	30,107	29,646	86	80	21 492	5 973,127	26 305,576	4,404	3,943
37	31	97 370	56 127,990	1 660 155,922	29,578	29,117	87	81	18 104	4 957,236	20 332,449	4,102	3,641
38	32	97 248	55 229,355	1 604 027,932	29,043	28,582	88	82	14 911	4 022,439	15 375,212	3,822	3,362
39	33	97 106	54 334,081	1 548 798,577	28,505	28,044	89	83	11 999	3 189,119	11 352,774	3,560	3,099
40	34	96 959	53 450,110	1 494 464,497	27,960	27,499	90	84	9 365	2 452,356	8 163,654	3,329	2,868
41	35	96 794	52 570,312	1 441 014,387	27,411	26,950	91	85	7 159	1 846,915	5 711,298	3,092	2,632
42	36	96 623	51 701,905	1 388 444,075	26,855	26,394	92	86	5 254	1 335,531	3 864,384	2,894	2,433
43	37	96 429	50 835,764	1 336 742,170	26,295	25,835	93	87	3 730	933,965	2 528,853	2,708	2,247
44	38	96 206	49 968,504	1 285 906,406	25,734	25,274	94	88	2 545	627,974	1 594,887	2,540	2,079
45	39	95 961	49 104,761	1 235 937,902	25,169	24,709	95	89	1 668	405,352	966,914	2,385	1,925
46	40	95 685	48 239,982	1 186 833,141	24,603	24,142	96	90	1 041	249,271	561,562	2,253	1,792
47	41	95 381	47 376,035	1 138 593,158	24,033	23,572	97	91	622	146,801	312,291	2,127	1,667
48	42	95 030	46 503,855	1 091 217,123	23,465	23,004	98	92	352	81,708	165,490	2,025	1,565
49	43	94 641	45 629,010	1 044 713,268	22,896	22,435	99	93	190	43,500	83,782	1,926	1,465
							100	94	97	21,938	40,282	1,836	1,375

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	43	94 301	44 793,579	1 005 995,551	22,458	21,998
1							51	44	93 828	43 910,037	961 201,972	21,890	21,429
2							52	45	93 279	43 008,092	917 291,934	21,328	20,868
3							53	46	92 694	42 106,875	874 283,842	20,763	20,303
4							54	47	92 053	41 197,489	832 176,967	20,200	19,739
5							55	48	91 333	40 271,341	790 979,478	19,641	19,180
6							56	49	90 555	39 338,055	750 708,138	19,084	18,623
7	0	99 513	89 664,325	3 834 427,773	42,764	42,303	57	50	89 710	38 395,032	711 370,083	18,528	18,067
8	1	99 192	88 053,475	3 744 763,448	42,528	42,067	58	51	88 792	37 440,625	672 975,051	17,974	17,514
9	2	99 157	86 722,068	3 656 709,973	42,166	41,705	59	52	87 796	36 473,457	635 534,426	17,425	16,964
10	3	99 135	85 421,027	3 569 987,905	41,793	41,332	60	53	86 719	35 493,805	599 060,970	16,878	16,417
11	4	99 115	84 141,723	3 484 566,879	41,413	40,952	61	54	85 560	34 501,826	563 567,165	16,334	15,874
12	5	99 094	82 881,256	3 400 425,155	41,028	40,567	62	55	84 335	33 505,158	529 065,339	15,791	15,330
13	6	99 073	81 639,071	3 317 543,899	40,637	40,176	63	56	83 028	32 498,707	495 560,181	15,249	14,788
14	7	99 054	80 416,659	3 235 904,828	40,239	39,778	64	57	81 669	31 494,355	463 061,474	14,703	14,242
15	8	99 030	79 209,544	3 155 488,170	39,837	39,376	65	58	80 196	30 469,278	431 567,119	14,164	13,703
16	9	99 005	78 019,321	3 076 278,625	39,430	38,969	66	59	78 640	29 436,481	401 097,841	13,626	13,165
17	10	98 973	76 841,063	2 998 259,304	39,019	38,558	67	60	76 974	28 387,063	371 661,360	13,093	12,632
18	11	98 932	75 674,462	2 921 418,242	38,605	38,144	68	61	75 190	27 319,455	343 274,298	12,565	12,104
19	12	98 877	74 514,264	2 845 743,780	38,191	37,730	69	62	73 327	26 248,610	315 954,843	12,037	11,576
20	13	98 820	73 371,285	2 771 229,516	37,770	37,309	70	63	71 338	25 159,404	289 706,233	11,515	11,054
21	14	98 758	72 241,627	2 697 858,231	37,345	36,884	71	64	69 244	24 060,008	264 546,829	10,995	10,534
22	15	98 694	71 127,843	2 625 616,604	36,914	36,453	72	65	67 022	22 943,665	240 486,821	10,482	10,021
23	16	98 630	70 030,646	2 554 488,760	36,477	36,016	73	66	64 696	21 820,066	217 543,156	9,970	9,509
24	17	98 563	68 949,029	2 484 458,115	36,033	35,572	74	67	62 228	20 677,498	195 723,090	9,466	9,005
25	18	98 492	67 881,172	2 415 509,086	35,584	35,124	75	68	59 571	19 502,231	175 045,592	8,976	8,515
26	19	98 415	66 825,992	2 347 627,914	35,130	34,670	76	69	56 784	18 315,100	155 543,361	8,493	8,032
27	20	98 338	65 786,572	2 280 801,922	34,670	34,209	77	70	53 843	17 109,782	137 228,261	8,020	7,560
28	21	98 254	64 758,952	2 215 015,350	34,204	33,743	78	71	50 730	15 882,463	120 118,479	7,563	7,102
29	22	98 174	63 750,239	2 150 256,398	33,729	33,269	79	72	47 432	14 630,375	104 236,016	7,125	6,664
30	23	98 088	62 752,734	2 086 506,159	33,250	32,789	80	73	43 994	13 369,428	89 605,642	6,702	6,241
31	24	98 002	61 771,669	2 023 753,425	32,762	32,301	81	74	40 463	12 114,728	76 236,214	6,293	5,832
32	25	97 913	60 803,057	1 961 981,755	32,268	31,807	82	75	36 818	10 860,228	64 121,486	5,904	5,443
33	26	97 819	59 847,285	1 901 178,698	31,767	31,306	83	76	33 133	9 629,090	53 261,258	5,531	5,070
34	27	97 721	58 903,891	1 841 331,413	31,260	30,799	84	77	29 481	8 440,928	43 632,168	5,169	4,708
35	28	97 618	57 971,781	1 782 427,522	30,746	30,286	85	78	25 849	7 291,690	35 191,240	4,826	4,365
36	29	97 511	57 052,648	1 724 455,741	30,226	29,765	86	79	22 302	6 198,157	27 899,550	4,501	4,040
37	30	97 397	56 143,880	1 667 403,093	29,699	29,238	87	80	18 894	5 173,302	21 701,393	4,195	3,734
38	31	97 277	55 246,040	1 611 259,213	29,165	28,704	88	81	15 656	4 223,433	16 528,091	3,913	3,453
39	32	97 141	54 353,348	1 556 013,173	28,628	28,167	89	82	12 699	3 375,245	12 304,658	3,646	3,185
40	33	96 995	53 469,661	1 501 659,826	28,084	27,624	90	83	9 992	2 616,437	8 929,413	3,413	2,952
41	34	96 835	52 592,652	1 448 190,165	27,536	27,075	91	84	7 717	1 990,887	6 312,976	3,171	2,710
42	35	96 661	51 722,478	1 395 597,513	26,982	26,522	92	85	5 729	1 456,024	4 322,089	2,968	2,508
43	36	96 475	50 859,933	1 343 875,035	26,423	25,962	93	86	4 118	1 031,120	2 866,065	2,780	2,319
44	37	96 257	49 995,186	1 293 015,102	25,863	25,402	94	87	2 854	704,236	1 834,945	2,606	2,145
45	38	96 015	49 132,113	1 243 019,916	25,300	24,839	95	88	1 900	461,827	1 130,708	2,448	1,988
46	39	95 749	48 271,916	1 193 887,803	24,733	24,272	96	89	1 212	290,362	668,881	2,304	1,843
47	40	95 449	47 409,517	1 145 615,886	24,164	23,703	97	90	736	173,687	378,519	2,179	1,719
48	41	95 106	46 541,158	1 098 206,369	23,596	23,136	98	91	427	99,364	204,832	2,061	1,601
49	42	94 725	45 669,660	1 051 665,211	23,028	22,567	99	92	234	53,653	105,468	1,966	1,505
							100	93	123	27,673	51,815	1,872	1,412

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	42	94 385	44 833 485	1 012 342 237	22,580	22,119
1							51	43	93 924	43 955 045	967 508 752	22,011	21,551
2							52	44	93 384	43 056 451	923 553 707	21,450	20,989
3							53	45	92 812	42 160 387	880 497 256	20,884	20,424
4							54	46	92 183	41 255 622	838 336 869	20,321	19,860
5							55	47	91 483	40 337 297	797 081 247	19,760	19,300
6							56	48	90 715	39 407 744	756 743 950	19,203	18,742
7							57	49	89 895	38 474 198	717 336 205	18,645	18,184
8	0	99 505	88 331 958	3 751 998 950	42,476	42,015	58	50	88 988	37 523 289	678 862 007	18,092	17,631
9	1	99 183	86 744 966	3 663 666 992	42,235	41,774	59	51	88 011	36 562 919	641 338 719	17,541	17,080
10	2	99 149	85 433 751	3 576 922 027	41,868	41,407	60	52	86 958	35 591 517	604 775 800	16,992	16,531
11	3	99 126	84 151 126	3 491 488 275	41,491	41,030	61	53	85 818	34 605 870	569 184 283	16,448	15,987
12	4	99 106	82 891 135	3 407 337 150	41,106	40,645	62	54	84 605	33 612 422	534 578 413	15,904	15,443
13	5	99 083	81 647 323	3 324 446 014	40,717	40,256	63	55	83 324	32 614 265	500 965 991	15,360	14,900
14	6	99 062	80 423 663	3 242 798 691	40,321	39,861	64	56	81 979	31 613 608	468 351 726	14,815	14,354
15	7	99 039	79 216 343	3 162 375 028	39,921	39,460	65	57	80 518	30 591 539	436 738 118	14,276	13,816
16	8	99 013	78 025 067	3 083 158 685	39,515	39,054	66	58	78 989	29 566 939	406 146 579	13,737	13,276
17	9	98 980	76 846 364	3 005 133 618	39,106	38,645	67	59	77 339	28 521 743	376 579 640	13,203	12,742
18	10	98 939	75 679 833	2 928 287 254	38,693	38,232	68	60	75 598	27 467 487	348 057 897	12,672	12,211
19	11	98 885	74 520 223	2 852 607 421	38,280	37,819	69	61	73 751	26 400 325	320 590 410	12,143	11,683
20	12	98 828	73 377 192	2 778 087 198	37,860	37,400	70	62	71 791	25 319 108	294 190 085	11,619	11,158
21	13	98 767	72 248 099	2 704 710 006	37,436	36,976	71	63	69 714	24 223 221	268 870 977	11,100	10,639
22	14	98 705	71 135 554	2 632 461 908	37,006	36,545	72	64	67 518	23 113 536	244 647 756	10,585	10,124
23	15	98 642	70 039 456	2 561 326 354	36,570	36,109	73	65	65 205	21 991 819	221 534 220	10,073	9,613
24	16	98 578	68 959 640	2 491 286 898	36,127	35,666	74	66	62 765	20 855 905	199 542 401	9,568	9,107
25	17	98 508	67 892 067	2 422 327 258	35,679	35,218	75	67	60 120	19 681 973	178 686 496	9,079	8,618
26	18	98 438	66 841 260	2 354 435 192	35,224	34,763	76	68	57 341	18 494 695	159 004 523	8,597	8,137
27	19	98 358	65 800 162	2 287 593 932	34,766	34,305	77	69	54 421	17 293 465	140 509 829	8,125	7,664
28	20	98 276	64 773 331	2 221 793 770	34,301	33,840	78	70	51 326	16 068 938	123 216 364	7,668	7,207
29	21	98 195	63 763 584	2 157 020 439	33,828	33,368	79	71	48 051	14 821 231	107 147 426	7,229	6,769
30	22	98 110	62 766 815	2 093 256 855	33,350	32,889	80	72	44 641	13 565 830	92 326 195	6,806	6,345
31	23	98 025	61 785 793	2 030 490 040	32,863	32,403	81	73	41 132	12 314 985	78 760 365	6,395	5,935
32	24	97 932	60 815 350	1 968 704 247	32,372	31,911	82	74	37 516	11 066 142	66 445 380	6,004	5,544
33	25	97 841	59 860 453	1 907 888 898	31,872	31,411	83	75	33 860	9 840 241	55 379 239	5,628	5,167
34	26	97 744	58 917 835	1 848 028 444	31,366	30,905	84	76	30 221	8 652 861	45 538 998	5,263	4,802
35	27	97 644	57 987 359	1 789 110 610	30,853	30,393	85	77	26 586	7 499 607	36 886 137	4,918	4,458
36	28	97 536	57 067 079	1 731 123 251	30,335	29,874	86	78	23 041	6 403 506	29 386 530	4,589	4,128
37	29	97 425	56 159 994	1 674 056 172	29,809	29,348	87	79	19 605	5 368 200	22 983 024	4,281	3,821
38	30	97 305	55 261 681	1 617 896 178	29,277	28,816	88	80	16 338	4 407 516	17 614 824	3,997	3,536
39	31	97 170	54 369 769	1 562 634 497	28,741	28,280	89	81	13 334	3 543 900	13 207 308	3,727	3,266
40	32	97 029	53 488 621	1 508 264 729	28,198	27,737	90	82	10 575	2 769 139	9 663 408	3,490	3,029
41	33	96 871	52 611 888	1 454 776 108	27,651	27,190	91	83	8 233	2 124 092	6 894 269	3,246	2,785
42	34	96 702	51 744 458	1 402 164 220	27,098	26,637	92	84	6 175	1 569 525	4 770 177	3,039	2,578
43	35	96 514	50 880 171	1 350 419 762	26,541	26,080	93	85	4 489	1 124 149	3 200 652	2,847	2,386
44	36	96 303	50 018 955	1 299 539 590	25,981	25,520	94	86	3 151	777 494	2 076 503	2,671	2,210
45	37	96 066	49 158 349	1 249 520 635	25,418	24,957	95	87	2 131	517 913	1 299 009	2,508	2,047
46	38	95 802	48 298 805	1 200 362 287	24,853	24,392	96	88	1 381	330 817	781 095	2,361	1,900
47	39	95 512	47 440 901	1 152 063 481	24,284	23,823	97	89	858	202 318	450 279	2,226	1,765
48	40	95 173	46 574 050	1 104 622 580	23,718	23,257	98	90	506	117 562	247 961	2,109	1,648
49	41	94 801	45 706 294	1 058 048 530	23,149	22,688	99	91	285	65 246	130 399	1,999	1,538
							100	92	151	34 132	65 153	1,909	1,448

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	41	94 461	44 869 448	1 018 164,688	22,692	22,231
1							51	42	94 008	43 994,203	973 295,240	22,123	21,662
2							52	43	93 480	43 100,583	929 301,037	21,561	21,100
3							53	44	92 917	42 207,793	886 200,453	20,996	20,535
4							54	45	92 300	41 308,052	843 992,661	20,432	19,971
5							55	46	91 612	40 394,217	802 684,609	19,871	19,410
6							56	47	90 864	39 472,286	762 290,392	19,312	18,851
7							57	48	90 054	38 542,358	722 818,105	18,754	18,293
8							58	49	89 171	37 600,658	684 275,748	18,199	17,738
9	0	99 497	87 019,310	3 670 328,326	42,178	41,718	59	50	88 205	36 643,645	646 675,090	17,648	17,187
10	1	99 176	85 456,309	3 583 309,016	41,931	41,471	60	51	87 171	35 678,815	610 031,446	17,098	16,637
11	2	99 140	84 163,661	3 497 852,707	41,560	41,099	61	52	86 054	34 701,137	574 352,630	16,551	16,091
12	3	99 117	82 900,398	3 413 689,046	41,178	40,717	62	53	84 860	33 713,784	539 651,493	16,007	15,546
13	4	99 095	81 657,055	3 330 788,648	40,790	40,329	63	54	83 590	32 718,678	505 937,709	15,463	15,002
14	5	99 072	80 431,792	3 249 131,593	40,396	39,935	64	55	82 270	31 726,019	473 219,031	14,916	14,455
15	6	99 047	79 223,243	3 168 699,801	39,997	39,536	65	56	80 823	30 707,373	441 493,012	14,377	13,917
16	7	99 021	78 031,764	3 089 476,558	39,593	39,132	66	57	79 306	29 685,580	410 785,639	13,838	13,377
17	8	98 987	76 852,024	3 011 444,794	39,185	38,724	67	58	77 682	28 648,147	381 100,059	13,303	12,842
18	9	98 946	75 685,054	2 934 592,770	38,774	38,313	68	59	75 957	27 597,804	352 451,912	12,771	12,310
19	10	98 892	74 525,512	2 858 907,716	38,361	37,901	69	60	74 150	26 543,376	324 854,108	12,239	11,778
20	11	98 836	73 383,060	2 784 382,204	37,943	37,482	70	61	72 206	25 465,450	298 310,731	11,714	11,254
21	12	98 775	72 253,915	2 710 999,143	37,520	37,060	71	62	70 157	24 376,982	272 845,281	11,193	10,732
22	13	98 714	71 141,926	2 638 745,228	37,091	36,630	72	63	67 976	23 270,328	248 468,299	10,677	10,217
23	14	98 653	70 047,048	2 567 603,302	36,655	36,195	73	64	65 688	22 154,643	225 197,970	10,165	9,704
24	15	98 590	68 968,315	2 497 556,254	36,213	35,752	74	65	63 259	21 020,069	203 043,327	9,659	9,199
25	16	98 523	67 902,515	2 428 587,939	35,766	35,305	75	66	60 639	19 851,790	182 023,258	9,169	8,708
26	17	98 454	66 851,988	2 360 685,424	35,312	34,851	76	67	57 870	18 665,151	162 171,468	8,688	8,228
27	18	98 381	65 815,195	2 293 833,436	34,853	34,392	77	68	54 955	17 463,042	143 506,318	8,218	7,757
28	19	98 296	64 786,712	2 228 018,241	34,390	33,929	78	69	51 877	16 241,447	126 043,276	7,761	7,300
29	20	98 216	63 777,742	2 163 231,529	33,918	33,457	79	70	48 615	14 995,246	109 801,829	7,322	6,862
30	21	98 130	62 779,954	2 099 453,787	33,441	32,981	80	71	45 223	13 742,799	94 806,583	6,899	6,438
31	22	98 047	61 799,656	2 036 673,833	32,956	32,495	81	72	41 737	12 495,897	81 063,784	6,487	6,026
32	23	97 955	60 829,254	1 974 874,177	32,466	32,005	82	73	38 136	11 249,065	68 567,887	6,095	5,635
33	24	97 860	59 872,556	1 914 044,923	31,969	31,508	83	74	34 502	10 026,815	57 318,822	5,717	5,256
34	25	97 766	58 930,798	1 854 172,367	31,464	31,003	84	75	30 884	8 842,605	47 292,007	5,348	4,887
35	26	97 667	58 001,086	1 795 241,569	30,952	30,491	85	76	27 253	7 687,905	38 449,402	5,001	4,540
36	27	97 562	57 082,414	1 737 240,483	30,434	29,973	86	77	23 698	6 586,097	30 761,497	4,671	4,210
37	28	97 450	56 174,198	1 680 158,069	29,910	29,449	87	78	20 255	5 546,052	24 175,400	4,359	3,898
38	29	97 333	55 277,541	1 623 983,871	29,379	28,918	88	79	16 954	4 573,563	18 629,347	4,073	3,612
39	30	97 198	54 385,161	1 568 706,329	28,844	28,384	89	80	13 915	3 698,365	14 055,784	3,801	3,340
40	31	97 059	53 504,781	1 514 321,168	28,303	27,842	90	81	11 104	2 907,508	10 357,420	3,562	3,102
41	32	96 905	52 630,545	1 460 816,388	27,756	27,295	91	82	8 714	2 248,060	7 449,911	3,314	2,853
42	33	96 738	51 763,385	1 408 185,843	27,204	26,743	92	83	6 588	1 674,538	5 201,851	3,106	2,646
43	34	96 555	50 901,793	1 356 422,458	26,648	26,187	93	84	4 839	1 211,780	3 527,313	2,911	2,450
44	35	96 341	50 038,858	1 305 520,665	26,090	25,629	94	85	3 436	847,640	2 315,534	2,732	2,271
45	36	96 112	49 181,720	1 255 481,807	25,527	25,067	95	86	2 352	571,789	1 467,893	2,567	2,106
46	37	95 853	48 324,595	1 206 300,087	24,962	24,502	96	87	1 549	370,992	896,105	2,415	1,955
47	38	95 565	47 467,327	1 157 975,491	24,395	23,934	97	88	977	230,506	525,113	2,278	1,817
48	39	95 236	46 604,881	1 110 508,164	23,828	23,367	98	89	589	136,942	294,607	2,151	1,691
49	40	94 868	45 738,595	1 063 903,283	23,261	22,800	99	90	337	77,196	157,665	2,042	1,582
							100	91	184	41,507	80,470	1,939	1,478

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	40	94 528	44 901,158	1 023 501,451	22,795	22,334
1							51	41	94 083	44 029,493	978 600,293	22,226	21,765
2							52	42	93 563	43 138,981	934 570,800	21,664	21,203
3							53	43	93 012	42 251,055	891 431,819	21,098	20,638
4							54	44	92 404	41 354,499	849 180,764	20,534	20,073
5							55	45	91 728	40 445,552	807 826,265	19,973	19,512
6							56	46	90 992	39 527,985	767 380,713	19,414	18,953
7							57	47	90 201	38 605,482	727 852,728	18,854	18,393
8							58	48	89 329	37 667,269	689 247,245	18,298	17,838
9							59	49	88 387	36 719,200	651 579,976	17,745	17,284
10	0	99 489	85 726,578	3 589 439,789	41,871	41,410	60	50	87 364	35 757,589	614 860,776	17,195	16,734
11	1	99 167	84 185,883	3 503 713,212	41,619	41,158	61	51	86 265	34 786,252	579 103,187	16,647	16,187
12	2	99 132	82 912,747	3 419 527,328	41,242	40,782	62	52	85 093	33 806,596	544 316,934	16,101	15,640
13	3	99 106	81 666,180	3 336 614,581	40,857	40,396	63	53	83 842	32 817,344	510 510,339	15,556	15,095
14	4	99 084	80 441,379	3 254 948,401	40,464	40,003	64	54	82 534	31 827,587	477 692,994	15,009	14,548
15	5	99 057	79 231,251	3 174 507,022	40,066	39,606	65	55	81 110	30 816,561	445 865,407	14,468	14,008
16	6	99 030	78 038,560	3 095 275,771	39,663	39,203	66	56	79 606	29 797,984	415 048,845	13,929	13,468
17	7	98 995	76 858,620	3 017 237,210	39,257	38,796	67	57	77 994	28 763,101	385 250,861	13,394	12,933
18	8	98 953	75 690,628	2 940 378,590	38,847	38,387	68	58	76 293	27 720,114	356 487,760	12,860	12,399
19	9	98 899	74 530,654	2 864 687,962	38,436	37,976	69	59	74 502	26 669,310	328 767,646	12,328	11,867
20	10	98 843	73 388,269	2 790 157,308	38,019	37,558	70	60	72 597	25 603,436	302 098,337	11,799	11,338
21	11	98 783	72 259,693	2 716 769,040	37,597	37,136	71	61	70 562	24 517,879	276 494,901	11,277	10,816
22	12	98 722	71 147,654	2 644 509,346	37,169	36,709	72	62	68 408	23 418,041	251 977,021	10,760	10,299
23	13	98 661	70 053,323	2 573 361,693	36,734	36,274	73	63	66 134	22 304,930	228 558,980	10,247	9,786
24	14	98 601	68 975,791	2 503 308,369	36,293	35,832	74	64	63 727	21 175,698	206 254,050	9,740	9,279
25	15	98 535	67 911,057	2 434 332,578	35,846	35,385	75	65	61 116	20 008,050	185 078,352	9,250	8,789
26	16	98 469	66 862,276	2 366 421,520	35,392	34,932	76	66	58 369	18 826,195	165 070,302	8,768	8,307
27	17	98 396	65 825,758	2 299 559,245	34,934	34,473	77	67	55 461	17 623,990	146 244,107	8,298	7,837
28	18	98 318	64 801,514	2 233 733,487	34,470	34,010	78	68	52 386	16 400,708	128 620,117	7,842	7,382
29	19	98 237	63 790,917	2 168 931,973	34,001	33,540	79	69	49 137	15 156,228	112 219,409	7,404	6,943
30	20	98 152	62 793,894	2 105 141,056	33,525	33,064	80	70	45 754	13 904,153	97 063,181	6,981	6,520
31	21	98 067	61 812,593	2 042 347,162	33,041	32,580	81	71	42 281	12 658,908	83 159,028	6,569	6,108
32	22	97 977	60 842,903	1 980 534,569	32,552	32,091	82	72	38 696	11 414,318	70 500,120	6,176	5,716
33	23	97 883	59 886,245	1 919 691,666	32,056	31,595	83	73	35 072	10 192,558	59 085,802	5,797	5,336
34	24	97 786	58 942,713	1 859 805,421	31,553	31,092	84	74	31 469	9 010,263	48 893,243	5,426	4,966
35	25	97 688	58 013,848	1 800 862,709	31,042	30,581	85	75	27 851	7 856,489	39 882,980	5,076	4,616
36	26	97 585	57 095,927	1 742 848,861	30,525	30,064	86	76	24 293	6 751,460	32 026,491	4,744	4,283
37	27	97 476	56 189,294	1 685 752,934	30,001	29,541	87	77	20 832	5 704,193	25 275,031	4,431	3,970
38	28	97 357	55 291,523	1 629 563,641	29,472	29,011	88	78	17 515	4 725,088	19 570,838	4,142	3,681
39	29	97 226	54 400,770	1 574 272,118	28,938	28,478	89	79	14 439	3 837,696	14 845,749	3,868	3,408
40	30	97 086	53 519,928	1 519 871,348	28,398	27,937	90	80	11 588	3 034,235	11 008,053	3,628	3,167
41	31	96 934	52 646,445	1 466 351,419	27,853	27,392	91	81	9 149	2 360,392	7 973,818	3,378	2,917
42	32	96 772	51 781,740	1 413 704,974	27,301	26,840	92	82	6 973	1 772,268	5 613,426	3,167	2,707
43	33	96 590	50 920,411	1 361 923,235	26,746	26,285	93	83	5 163	1 292,857	3 841,158	2,971	2,510
44	34	96 382	50 060,123	1 311 002,823	26,189	25,728	94	84	3 704	913,716	2 548,301	2,789	2,328
45	35	96 150	49 201,290	1 260 942,700	25,628	25,167	95	85	2 565	623,376	1 634,585	2,622	2,161
46	36	95 899	48 347,571	1 211 741,410	25,063	24,602	96	86	1 710	409,584	1 011,209	2,469	2,008
47	37	95 616	47 492,673	1 163 393,839	24,496	24,035	97	87	1 096	258,499	601,625	2,327	1,867
48	38	95 289	46 630,841	1 115 901,166	23,931	23,470	98	88	671	156,021	343,126	2,199	1,738
49	39	94 931	45 768,874	1 069 270,325	23,362	22,902	99	89	393	89,921	187,105	2,081	1,620
							100	90	218	49,109	97,184	1,979	1,518

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	39	94 590	44 930,882	1 028 391,494	22,888	22,428
1							51	40	94 150	44 060,610	983 460,612	22,321	21,860
2							52	41	93 638	43 173,584	939 400,003	21,759	21,298
3							53	42	93 095	42 288,696	896 226,419	21,193	20,732
4							54	43	92 498	41 396,887	853 937,723	20,628	20,167
5							55	44	91 831	40 491,030	812 540,836	20,067	19,606
6							56	45	91 108	39 578,219	772 049,806	19,507	19,046
7							57	46	90 329	38 659,958	732 471,587	18,947	18,486
8							58	47	89 476	37 728,961	693 811,628	18,389	17,929
9							59	48	88 544	36 784,250	656 082,668	17,836	17,375
10							60	49	87 544	35 831,318	619 298,417	17,284	16,823
11	0	99 480	84 452,134	3 509 355,097	41,554	41,094	61	50	86 456	34 863,056	583 467,100	16,736	16,275
12	1	99 158	82 934,639	3 424 902,963	41,296	40,836	62	51	85 302	33 889,516	548 604,044	16,188	15,727
13	2	99 121	81 678,345	3 341 968,324	40,916	40,455	63	52	84 073	32 907,688	514 714,528	15,641	15,180
14	3	99 095	80 450,368	3 260 289,979	40,525	40,065	64	53	82 782	31 923,567	481 806,839	15,093	14,632
15	4	99 069	79 240,695	3 179 839,610	40,129	39,668	65	54	81 370	30 915,219	449 883,272	14,552	14,091
16	5	99 040	78 046,449	3 100 598,916	39,728	39,267	66	55	79 889	29 903,938	418 968,054	14,010	13,550
17	6	99 004	76 865,315	3 022 552,467	39,323	38,862	67	56	78 289	28 872,012	389 064,115	13,475	13,015
18	7	98 962	75 697,125	2 945 687,152	38,914	38,453	68	57	76 599	27 831,344	360 192,103	12,942	12,481
19	8	98 906	74 536,143	2 869 990,027	38,505	38,044	69	58	74 832	26 787,504	332 360,759	12,407	11,947
20	9	98 850	73 393,332	2 795 453,884	38,089	37,628	70	59	72 942	25 724,910	305 573,255	11,878	11,418
21	10	98 790	72 264,822	2 722 060,553	37,668	37,207	71	60	70 945	24 650,731	279 848,345	11,353	10,892
22	11	98 730	71 153,344	2 649 795,730	37,241	36,780	72	61	68 803	23 553,396	255 197,614	10,835	10,374
23	12	98 669	70 058,963	2 578 642,387	36,807	36,346	73	62	66 553	22 446,515	231 644,219	10,320	9,859
24	13	98 610	68 981,971	2 508 583,424	36,366	35,905	74	63	64 160	21 319,345	209 197,704	9,813	9,352
25	14	98 546	67 918,404	2 439 601,453	35,920	35,459	75	64	61 569	20 156,187	187 878,359	9,321	8,860
26	15	98 481	66 870,688	2 371 683,034	35,467	35,006	76	65	58 828	18 974,382	167 722,173	8,839	8,379
27	16	98 411	65 835,888	2 304 812,347	35,008	34,548	77	66	55 940	17 776,051	148 747,790	8,368	7,907
28	17	98 334	64 811,914	2 238 976,459	34,546	34,085	78	67	52 869	16 551,865	130 971,740	7,913	7,452
29	18	98 259	63 805,491	2 174 164,544	34,075	33,614	79	68	49 619	15 304,848	114 419,875	7,476	7,015
30	19	98 172	62 806,866	2 110 359,053	33,601	33,140	80	69	46 245	14 053,421	99 115,027	7,053	6,592
31	20	98 089	61 826,318	2 047 552,187	33,118	32,657	81	70	42 777	12 807,536	85 061,605	6,642	6,181
32	21	97 997	60 855,639	1 985 725,870	32,630	32,169	82	71	39 201	11 563,220	72 254,070	6,249	5,788
33	22	97 905	59 899,682	1 924 870,230	32,135	31,674	83	72	35 588	10 342,291	60 690,850	5,868	5,407
34	23	97 808	58 956,189	1 864 970,548	31,633	31,172	84	73	31 989	9 159,203	50 348,558	5,497	5,036
35	24	97 708	58 025,577	1 806 014,359	31,124	30,664	85	74	28 379	8 005,451	41 189,355	5,145	4,684
36	25	97 606	57 108,489	1 747 988,782	30,608	30,147	86	75	24 825	6 899,509	33 183,904	4,810	4,349
37	26	97 499	56 202,595	1 690 880,293	30,085	29,625	87	76	21 355	5 847,413	26 284,395	4,495	4,034
38	27	97 383	55 306,381	1 634 677,698	29,557	29,096	88	77	18 015	4 859,821	20 436,982	4,205	3,744
39	28	97 250	54 414,530	1 579 371,317	29,025	28,564	89	78	14 918	3 964,841	15 577,162	3,929	3,468
40	29	97 114	53 535,289	1 524 956,787	28,485	28,024	90	79	12 024	3 148,546	11 612,320	3,688	3,227
41	30	96 962	52 661,350	1 471 421,499	27,941	27,480	91	80	9 548	2 463,272	8 463,774	3,436	2,975
42	31	96 801	51 797,384	1 418 760,149	27,391	26,930	92	81	7 321	1 860,826	6 000,503	3,225	2,764
43	32	96 624	50 938,468	1 366 962,765	26,836	26,375	93	82	5 464	1 368,311	4 139,677	3,025	2,565
44	33	96 418	50 078,433	1 316 024,297	26,279	25,818	94	83	3 951	974,851	2 771,365	2,843	2,382
45	34	96 191	49 222,199	1 265 945,864	25,719	25,258	95	84	2 765	671,970	1 796,515	2,674	2,213
46	35	95 937	48 366,809	1 216 723,665	25,156	24,695	96	85	1 865	446,537	1 124,545	2,518	2,058
47	36	95 661	47 515,253	1 168 356,856	24,589	24,128	97	86	1 210	285,389	678,008	2,376	1,915
48	37	95 340	46 655,741	1 120 841,603	24,024	23,563	98	87	753	174,969	392,619	2,244	1,783
49	38	94 983	45 794,368	1 074 185,863	23,457	22,996	99	88	447	102,449	217,650	2,124	1,664
							100	89	254	57,204	115,201	2,014	1,553

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	38	94 643	44 955,910	1 032 868,837	22,975	22,514
1							51	39	94 212	44 089,777	987 912,927	22,407	21,946
2							52	40	93 704	43 204,096	943 823,150	21,846	21,385
3							53	41	93 169	42 322,617	900 619,054	21,280	20,819
4							54	42	92 581	41 433,767	858 296,437	20,715	20,254
5							55	43	91 926	40 532,532	816 862,670	20,153	19,692
6							56	44	91 210	39 622,722	776 330,137	19,593	19,132
7							57	45	90 443	38 709,089	736 707,415	19,032	18,571
8							58	46	89 602	37 782,200	697 998,326	18,474	18,013
9							59	47	88 689	36 844,495	660 216,126	17,919	17,458
10							60	48	87 699	35 894,795	623 371,631	17,367	16,906
11							61	49	86 634	34 934,939	587 476,836	16,816	16,356
12	0	99 472	83 196,933	3 430 095,356	41,229	40,768	62	50	85 490	33 964,340	552 541,896	16,268	15,807
13	1	99 147	81 699,911	3 346 898,423	40,966	40,505	63	51	84 280	32 988,404	518 577,557	15,720	15,259
14	2	99 110	80 462,352	3 265 198,512	40,580	40,120	64	52	83 010	32 011,450	485 589,153	15,169	14,708
15	3	99 080	79 249,550	3 184 736,159	40,186	39,725	65	53	81 616	31 008,447	453 577,702	14,628	14,167
16	4	99 052	78 055,752	3 105 486,610	39,785	39,325	66	54	80 145	29 999,674	422 569,255	14,086	13,625
17	5	99 014	76 873,084	3 027 430,858	39,382	38,921	67	55	78 568	28 974,674	392 569,581	13,549	13,088
18	6	98 971	75 703,718	2 950 557,774	38,975	38,514	68	56	76 889	27 936,727	363 594,907	13,015	12,554
19	7	98 914	74 542,541	2 874 854,056	38,567	38,106	69	57	75 133	26 894,992	335 658,180	12,480	12,020
20	8	98 857	73 398,737	2 800 311,515	38,152	37,691	70	58	73 265	25 838,919	308 763,188	11,950	11,489
21	9	98 797	72 269,808	2 726 912,778	37,732	37,272	71	59	71 281	24 767,684	282 924,269	11,423	10,962
22	10	98 737	71 158,394	2 654 642,970	37,306	36,845	72	60	69 176	23 681,021	258 156,585	10,901	10,441
23	11	98 677	70 064,566	2 583 484,577	36,873	36,412	73	61	66 938	22 576,254	234 475,564	10,386	9,925
24	12	98 618	68 987,524	2 513 420,011	36,433	35,972	74	62	64 567	21 454,673	211 899,310	9,877	9,416
25	13	98 555	67 924,503	2 444 432,487	35,987	35,527	75	63	61 987	20 292,917	190 444,637	9,385	8,924
26	14	98 492	66 877,936	2 376 507,983	35,535	35,074	76	64	59 264	19 114,865	170 151,719	8,902	8,441
27	15	98 424	65 844,171	2 309 630,047	35,077	34,616	77	65	56 380	17 915,972	151 036,854	8,430	7,969
28	16	98 349	64 821,889	2 243 785,876	34,615	34,154	78	66	53 325	16 694,675	133 120,882	7,974	7,513
29	17	98 275	63 815,732	2 178 963,988	34,145	33,684	79	67	50 076	15 445,905	116 426,206	7,538	7,077
30	18	98 195	62 821,215	2 115 148,256	33,669	33,209	80	68	46 699	14 191,227	100 980,302	7,116	6,655
31	19	98 109	61 839,090	2 052 327,041	33,188	32,727	81	69	43 237	12 945,032	86 789,075	6,704	6,244
32	20	98 019	60 869,152	1 990 487,951	32,701	32,240	82	70	39 661	11 698,983	73 844,043	6,312	5,851
33	21	97 925	59 912,221	1 929 618,799	32,207	31,747	83	71	36 052	10 477,208	62 145,059	5,931	5,471
34	22	97 830	58 969,418	1 869 706,578	31,706	31,246	84	72	32 459	9 293,755	51 667,851	5,559	5,099
35	23	97 731	58 038,844	1 810 737,161	31,199	30,738	85	73	28 848	8 137,781	42 374,096	5,207	4,746
36	24	97 626	57 120,035	1 752 698,317	30,684	30,224	86	74	25 296	7 030,326	34 236,314	4,870	4,409
37	25	97 520	56 214,961	1 695 578,282	30,162	29,702	87	75	21 824	5 975,638	27 205,989	4,553	4,092
38	26	97 406	55 319,473	1 639 363,321	29,634	29,174	88	76	18 467	4 981,840	21 230,351	4,262	3,801
39	27	97 276	54 429,152	1 584 043,848	29,103	28,642	89	77	15 343	4 077,896	16 248,511	3,985	3,524
40	28	97 139	53 548,830	1 529 614,696	28,565	28,104	90	78	12 423	3 252,859	12 170,615	3,742	3,281
41	29	96 989	52 676,464	1 476 065,866	28,021	27,561	91	79	9 908	2 556,072	8 917,756	3,489	3,028
42	30	96 829	51 812,048	1 423 389,402	27,472	27,011	92	80	7 640	1 941,932	6 361,683	3,276	2,815
43	31	96 653	50 953,857	1 371 577,354	26,918	26,457	93	81	5 737	1 436,684	4 419,752	3,076	2,616
44	32	96 452	50 096,191	1 320 623,497	26,362	25,901	94	82	4 182	1 031,746	2 983,068	2,891	2,430
45	33	96 226	49 240,203	1 270 527,306	25,803	25,342	95	83	2 950	716,930	1 951,322	2,722	2,261
46	34	95 978	48 387,363	1 221 287,103	25,240	24,779	96	84	2 010	481,346	1 234,393	2,564	2,104
47	35	95 700	47 534,160	1 172 899,740	24,675	24,214	97	85	1 319	311,138	753,047	2,420	1,960
48	36	95 385	46 677,923	1 125 365,580	24,109	23,648	98	86	831	193,170	441,909	2,288	1,827
49	37	95 034	45 818,821	1 078 687,658	23,542	23,082	99	87	502	114,891	248,740	2,165	1,704
							100	88	289	65,174	133,849	2,054	1,593

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$
0							50	37	94 694	44 979,915	1 036 968,830	23,054	22,593
1							51	38	94 264	44 114,336	991 988,915	22,487	22,026
2							52	39	93 766	43 232,697	947 874,579	21,925	21,464
3							53	40	93 235	42 352,528	904 641,882	21,360	20,899
4							54	41	92 655	41 467,002	862 289,355	20,795	20,334
5							55	42	92 007	40 568,642	820 822,352	20,233	19,772
6							56	43	91 304	39 663,335	780 253,710	19,672	19,211
7							57	44	90 545	38 752,614	740 590,375	19,111	18,650
8							58	45	89 716	37 830,215	701 837,761	18,552	18,092
9							59	46	88 814	36 896,487	664 007,546	17,996	17,536
10							60	47	87 843	35 953,583	627 111,059	17,442	16,981
11							61	48	86 788	34 996,829	591 157,476	16,892	16,431
12							62	49	85 667	34 034,371	556 160,647	16,341	15,880
13	0	99 461	81 958,300	3 351 678,278	40,895	40,434	63	50	84 466	33 061,238	522 126,276	15,793	15,332
14	1	99 136	80 483,597	3 269 719,978	40,626	40,165	64	51	83 214	32 089,968	489 065,038	15,240	14,780
15	2	99 095	79 261,355	3 189 236,380	40,237	39,776	65	52	81 840	31 093,811	456 975,070	14,697	14,236
16	3	99 063	78 064,474	3 109 975,025	39,839	39,378	66	53	80 386	30 090,141	425 881,259	14,154	13,693
17	4	99 026	76 882,247	3 031 910,551	39,436	38,975	67	54	78 819	29 067,435	395 791,118	13,616	13,156
18	5	98 981	75 711,370	2 955 028,304	39,030	38,569	68	55	77 163	28 036,063	366 723,683	13,080	12,620
19	6	98 923	74 549,033	2 879 316,934	38,623	38,162	69	56	75 417	26 996,829	338 687,620	12,545	12,085
20	7	98 866	73 405,037	2 804 767,901	38,209	37,749	70	57	73 559	25 942,601	311 690,791	12,015	11,554
21	8	98 804	72 275,130	2 731 362,863	37,791	37,330	71	58	71 597	24 877,451	285 748,190	11,486	11,025
22	9	98 744	71 163,303	2 659 087,733	37,366	36,905	72	59	69 504	23 793,374	260 870,739	10,964	10,503
23	10	98 684	70 069,539	2 587 924,430	36,934	36,473	73	60	67 301	22 698,585	237 077,365	10,445	9,984
24	11	98 626	68 993,041	2 517 854,892	36,494	36,034	74	61	64 940	21 578,619	214 378,780	9,935	9,474
25	12	98 563	67 929,972	2 448 861,850	36,050	35,589	75	62	62 380	20 421,730	192 800,101	9,441	8,980
26	13	98 501	66 883,928	2 380 931,879	35,598	35,137	76	63	59 666	19 244,532	172 378,370	8,957	8,496
27	14	98 435	65 851,308	2 314 047,951	35,141	34,680	77	64	56 798	18 048,619	153 133,838	8,485	8,024
28	15	98 362	64 830,044	2 248 196,643	34,678	34,218	78	65	53 745	16 826,085	135 085,219	8,028	7,568
29	16	98 290	63 825,553	2 183 366,599	34,208	33,748	79	66	50 508	15 579,173	118 259,134	7,591	7,130
30	17	98 210	62 831,298	2 119 541,047	33,734	33,273	80	67	47 129	14 322,020	102 679,961	7,169	6,709
31	18	98 132	61 853,218	2 056 709,749	33,251	32,791	81	68	43 661	13 071,969	88 357,941	6,759	6,299
32	19	98 039	60 881,726	1 994 856,531	32,766	32,305	82	69	40 087	11 824,578	75 285,972	6,367	5,906
33	20	97 947	59 925,524	1 933 974,805	32,273	31,812	83	70	36 475	10 600,221	63 461,394	5,987	5,526
34	21	97 851	58 981,762	1 874 049,281	31,773	31,313	84	71	32 883	9 414,994	52 861,173	5,615	5,154
35	22	97 752	58 051,866	1 815 067,519	31,266	30,806	85	72	29 272	8 257,329	43 446,179	5,262	4,801
36	23	97 648	57 133,095	1 757 015,653	30,753	30,292	86	73	25 714	7 146,537	35 188,850	4,924	4,463
37	24	97 540	56 226,326	1 699 882,558	30,233	29,772	87	74	22 238	6 088,938	28 042,313	4,605	4,145
38	25	97 428	55 331,645	1 643 656,231	29,706	29,245	88	75	18 872	5 091,084	21 953,375	4,312	3,851
39	26	97 299	54 442,037	1 588 324,587	29,175	28,714	89	76	15 728	4 180,283	16 862,291	4,034	3,573
40	27	97 165	53 563,219	1 533 882,550	28,637	28,176	90	77	12 777	3 345,612	12 682,008	3,791	3,330
41	28	97 014	52 689,788	1 480 319,330	28,095	27,634	91	78	10 236	2 640,757	9 336,396	3,536	3,075
42	29	96 857	51 826,918	1 427 629,543	27,546	27,085	92	79	7 928	2 015,091	6 695,639	3,323	2,862
43	30	96 681	50 968,283	1 375 802,624	26,993	26,533	93	80	5 987	1 499,303	4 680,548	3,122	2,661
44	31	96 481	50 111,326	1 324 834,342	26,438	25,977	94	81	4 391	1 083,300	3 181,245	2,937	2,476
45	32	96 260	49 257,663	1 274 723,016	25,879	25,418	95	82	3 122	758,772	2 097,945	2,765	2,304
46	33	96 013	48 405,061	1 225 465,352	25,317	24,856	96	83	2 144	513,551	1 339,173	2,608	2,147
47	34	95 740	47 554,360	1 177 060,291	24,752	24,291	97	84	1 422	335,392	825,622	2,462	2,001
48	35	95 423	46 696,496	1 129 505,931	24,188	23,727	98	85	906	210,598	490,230	2,328	1,867
49	36	95 079	45 840,605	1 082 809,435	23,621	23,160	99	86	554	126,842	279,633	2,205	1,744
							100	87	324	73,089	152,790	2,090	1,630

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14	0	99 450	80 738,139	3 274 121,670	40,552	40,092
15	1	99 121	79 282,283	3 193 383,531	40,279	39,818
16	2	99 077	78 076,103	3 114 101,248	39,885	39,425
17	3	99 037	76 890,838	3 036 025,146	39,485	39,024
18	4	98 992	75 720,395	2 959 134,307	39,080	38,619
19	5	98 933	74 556,569	2 883 413,912	38,674	38,213
20	6	98 875	73 411,431	2 808 857,343	38,262	37,801
21	7	98 813	72 281,334	2 735 445,913	37,844	37,384
22	8	98 751	71 168,544	2 663 164,579	37,421	36,960
23	9	98 691	70 074,373	2 591 996,035	36,989	36,528
24	10	98 633	68 997,938	2 521 921,662	36,551	36,090
25	11	98 571	67 935,404	2 452 923,724	36,107	35,646
26	12	98 509	66 889,312	2 384 988,320	35,656	35,195
27	13	98 443	65 857,208	2 318 099,008	35,199	34,738
28	14	98 372	64 837,071	2 252 241,800	34,737	34,276
29	15	98 302	63 833,582	2 187 404,729	34,267	33,807
30	16	98 225	62 840,967	2 123 571,147	33,793	33,332
31	17	98 148	61 863,145	2 060 730,180	33,311	32,850
32	18	98 062	60 895,635	1 998 867,034	32,824	32,364
33	19	97 967	59 937,903	1 937 971,399	32,333	31,872
34	20	97 872	58 994,858	1 878 033,495	31,834	31,373
35	21	97 773	58 064,018	1 819 038,637	31,328	30,867
36	22	97 670	57 145,914	1 760 974,619	30,815	30,355
37	23	97 562	56 239,182	1 703 828,704	30,296	29,835
38	24	97 448	55 342,832	1 647 589,523	29,771	29,310
39	25	97 321	54 454,015	1 592 246,691	29,240	28,779
40	26	97 188	53 575,899	1 537 792,675	28,703	28,242
41	27	97 040	52 703,946	1 484 216,776	28,161	27,701
42	28	96 881	51 840,027	1 431 512,830	27,614	27,153
43	29	96 708	50 982,911	1 379 672,803	27,061	26,601
44	30	96 508	50 125,513	1 328 689,892	26,507	26,046
45	31	96 289	49 272,545	1 278 564,379	25,949	25,488
46	32	96 047	48 422,226	1 229 291,834	25,387	24,926
47	33	95 775	47 571,754	1 180 869,609	24,823	24,362
48	34	95 464	46 716,340	1 133 297,855	24,259	23,798
49	35	95 117	45 858,846	1 086 581,514	23,694	23,233
50	36	94 739	45 001,300	1 040 722,669	23,127	22,666
51	37	94 315	44 137,892	995 721,369	22,559	22,099
52	38	93 818	43 256,778	951 583,477	21,998	21,538
53	39	93 297	42 380,564	908 326,698	21,433	20,972
54	40	92 720	41 496,308	865 946,134	20,868	20,407
55	41	92 081	40 601,184	824 449,826	20,306	19,845
56	42	91 385	39 698,670	783 848,642	19,745	19,284
57	43	90 638	38 792,335	744 149,972	19,183	18,722
58	44	89 817	37 872,752	705 357,637	18,624	18,164
59	45	88 927	36 943,376	667 484,884	18,068	17,607
60	46	87 966	36 004,317	630 541,508	17,513	17,052
61	47	86 930	35 054,146	594 537,191	16,961	16,500
62	48	85 819	34 094,665	559 483,044	16,410	15,949
63	49	84 640	33 129,407	525 388,380	15,859	15,398
64	50	83 398	32 160,818	492 258,973	15,306	14,845
65	51	82 041	31 170,078	460 098,155	14,761	14,300
66	52	80 608	30 172,977	428 928,077	14,216	13,755
67	53	79 057	29 155,091	398 755,100	13,677	13,216
68	54	77 410	28 125,819	369 600,009	13,141	12,680
69	55	75 685	27 092,824	341 474,190	12,604	12,143
70	56	73 838	26 040,832	314 381,366	12,073	11,612
71	57	71 884	24 977,275	288 340,534	11,544	11,083
72	58	69 812	23 898,823	263 363,259	11,020	10,559
73	59	67 620	22 806,276	239 464,437	10,500	10,039
74	60	65 292	21 695,605	216 658,160	9,986	9,525
75	61	62 741	20 539,766	194 962,555	9,492	9,031
76	62	60 045	19 366,690	174 422,789	9,006	8,546
77	63	57 183	18 171,053	155 056,099	8,533	8,072
78	64	54 142	16 950,662	136 885,046	8,075	7,615
79	65	50 906	15 701,802	119 934,383	7,638	7,177
80	66	47 536	14 445,591	104 232,581	7,216	6,755
81	67	44 063	13 192,446	89 786,990	6,806	6,345
82	68	40 480	11 940,528	76 594,543	6,415	5,954
83	69	36 867	10 714,020	64 654,015	6,035	5,574
84	70	33 269	9 525,535	53 939,995	5,663	5,202
85	71	29 654	8 365,047	44 414,460	5,310	4,849
86	72	26 092	7 251,523	36 049,413	4,971	4,510
87	73	22 605	6 189,588	28 797,890	4,653	4,192
88	74	19 230	5 187,613	22 608,302	4,358	3,897
89	75	16 073	4 271,950	17 420,689	4,078	3,617
90	76	13 098	3 429,613	13 148,739	3,834	3,373
91	77	10 528	2 716,056	9 719,126	3,578	3,118
92	78	8 191	2 081,853	7 003,070	3,364	2,903
93	79	6 213	1 555,787	4 921,218	3,163	2,702
94	80	4 582	1 130,517	3 365,430	2,977	2,516
95	81	3 278	796,686	2 234,913	2,805	2,344
96	82	2 270	543,524	1 438,227	2,646	2,185
97	83	1 517	357,832	894,704	2,500	2,040
98	84	977	227,014	536,872	2,365	1,904
99	85	604	138,286	309,857	2,241	1,780
100	86	358	80,692	171,571	2,126	1,665

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	35	94 776	45 019,207	1 044 158,155	23,194	22,733
1							51	36	94 360	44 158,877	999 138,948	22,626	22,165
2							52	37	93 869	43 279,876	954 980,071	22,065	21,604
3							53	38	93 349	42 404,171	911 700,195	21,500	21,039
4							54	39	92 782	41 523,778	869 296,024	20,935	20,474
5							55	40	92 146	40 629,878	827 772,245	20,373	19,913
6							56	41	91 458	39 730,514	787 142,368	19,812	19,351
7							57	42	90 719	38 826,895	747 411,854	19,250	18,789
8							58	43	89 909	37 911,571	708 584,959	18,690	18,230
9							59	44	89 027	36 984,916	670 673,388	18,134	17,673
10							60	45	88 078	36 050,073	633 688,472	17,578	17,117
11							61	46	87 052	35 103,611	597 638,398	17,025	16,564
12							62	47	85 959	34 150,505	562 534,787	16,472	16,011
13							63	48	84 790	33 188,097	528 384,282	15,921	15,460
14							64	49	83 570	32 227,130	495 196,185	15,366	14,905
15	0	99 435	79 533,025	3 197 438,841	40,203	39,742	65	50	82 222	31 238,897	462 969,055	14,820	14,359
16	1	99 104	78 096,718	3 117 905,815	39,924	39,463	66	51	80 805	30 246,986	431 730,158	14,273	13,813
17	2	99 052	76 902,292	3 039 809,097	39,528	39,067	67	52	79 274	29 235,353	401 483,172	13,733	13,272
18	3	99 003	75 728,856	2 962 906,805	39,125	38,664	68	53	77 643	28 210,635	372 247,819	13,195	12,735
19	4	98 945	74 565,456	2 887 177,949	38,720	38,259	69	54	75 928	27 179,560	344 037,184	12,658	12,197
20	5	98 885	73 418,851	2 812 612,493	38,309	37,848	70	55	74 100	26 133,427	316 857,624	12,125	11,664
21	6	98 821	72 287,629	2 739 193,642	37,893	37,432	71	56	72 156	25 071,851	290 724,197	11,596	11,135
22	7	98 759	71 174,653	2 666 906,013	37,470	37,009	72	57	70 092	23 994,719	265 652,346	11,071	10,610
23	8	98 698	70 079,534	2 595 731,360	37,040	36,579	73	58	67 920	22 907,351	241 657,627	10,549	10,089
24	9	98 640	69 002,698	2 525 651,826	36,602	36,141	74	59	65 602	21 798,538	218 750,276	10,035	9,574
25	10	98 578	67 940,226	2 456 649,128	36,159	35,698	75	60	63 081	20 651,062	196 951,738	9,537	9,076
26	11	98 516	66 894,661	2 388 708,902	35,709	35,248	76	61	60 392	19 478,628	176 300,676	9,051	8,590
27	12	98 451	65 862,509	2 321 814,240	35,252	34,792	77	62	57 546	18 286,397	156 822,048	8,576	8,115
28	13	98 381	64 842,879	2 255 951,731	34,791	34,330	78	63	54 510	17 065,648	138 535,651	8,118	7,657
29	14	98 313	63 840,502	2 191 108,852	34,322	33,861	79	64	51 283	15 818,056	121 470,002	7,679	7,218
30	15	98 238	62 848,873	2 127 268,350	33,847	33,387	80	65	47 910	14 559,298	105 651,947	7,257	6,796
31	16	98 163	61 872,666	2 064 419,477	33,366	32,905	81	66	44 443	13 306,272	91 092,649	6,846	6,385
32	17	98 077	60 905,409	2 002 546,811	32,880	32,419	82	67	40 853	12 050,578	77 786,378	6,455	5,994
33	18	97 990	59 951,597	1 941 641,402	32,387	31,926	83	68	37 228	10 819,080	65 735,800	6,076	5,615
34	19	97 892	59 007,045	1 881 689,805	31,889	31,428	84	69	33 626	9 627,797	54 916,719	5,704	5,243
35	20	97 795	58 076,911	1 822 682,759	31,384	30,923	85	70	30 002	8 463,261	45 288,922	5,351	4,890
36	21	97 691	57 157,877	1 764 605,848	30,872	30,412	86	71	26 432	7 346,120	36 825,662	5,013	4,552
37	22	97 584	56 251,801	1 707 447,971	30,354	29,893	87	72	22 937	6 280,516	29 479,542	4,694	4,233
38	23	97 470	55 355,485	1 651 196,171	29,829	29,368	88	73	19 548	5 273,364	23 199,026	4,399	3,938
39	24	97 340	54 465,025	1 595 840,686	29,300	28,839	89	74	16 378	4 352,948	17 925,662	4,118	3,657
40	25	97 209	53 587,687	1 541 375,661	28,764	28,303	90	75	13 385	3 504,819	13 572,714	3,873	3,412
41	26	97 063	52 716,423	1 487 787,974	28,222	27,762	91	76	10 792	2 784,250	10 067,895	3,616	3,155
42	27	96 907	51 853,958	1 435 071,551	27,675	27,214	92	77	8 424	2 141,215	7 283,645	3,402	2,941
43	28	96 733	50 995,806	1 383 217,593	27,124	26,663	93	78	6 419	1 607,331	5 142,430	3,199	2,739
44	29	96 536	50 139,899	1 332 221,787	26,570	26,109	94	79	4 755	1 173,108	3 535,098	3,013	2,553
45	30	96 316	49 286,494	1 282 081,888	26,013	25,552	95	80	3 420	831,410	2 361,991	2,841	2,380
46	31	96 076	48 436,855	1 232 795,394	25,452	24,991	96	81	2 383	570,683	1 530,580	2,682	2,221
47	32	95 809	47 588,623	1 184 358,539	24,887	24,427	97	82	1 605	378,716	959,897	2,535	2,074
48	33	95 499	46 733,428	1 136 769,916	24,325	23,864	98	83	1 042	242,203	581,182	2,400	1,939
49	34	95 158	45 878,334	1 090 036,488	23,759	23,298	99	84	651	149,066	338,978	2,274	1,813
							100	85	390	87,972	189,912	2,159	1,698

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	34	94 817	45 038,338	1 047 305,288	23,254	22,793
1							51	35	94 397	44 176,448	1 002 266,950	22,688	22,227
2							52	36	93 913	43 300,453	958 090,502	22,127	21,666
3							53	37	93 399	42 426,814	914 790,049	21,562	21,101
4							54	38	92 834	41 546,908	872 363,235	20,997	20,536
5							55	39	92 207	40 656,774	830 816,327	20,435	19,974
6							56	40	91 523	39 758,592	790 159,553	19,874	19,413
7							57	41	90 792	38 858,039	750 400,961	19,311	18,851
8							58	42	89 989	37 945,346	711 542,921	18,752	18,291
9							59	43	89 118	37 022,825	673 597,575	18,194	17,733
10							60	44	88 177	36 090,609	636 574,750	17,638	17,177
11							61	45	87 163	35 148,223	600 484,141	17,084	16,624
12							62	46	86 080	34 198,694	565 335,919	16,531	16,070
13							63	47	84 929	33 242,453	531 137,224	15,978	15,517
14							64	48	83 718	32 284,223	497 894,772	15,422	14,961
15							65	49	82 392	31 303,308	465 610,549	14,874	14,413
16	0	99 417	78 343,711	3 121 643,949	39,845	39,385	66	50	80 984	30 313,767	434 307,241	14,327	13,866
17	1	99 078	76 922,597	3 043 300,238	39,563	39,102	67	51	79 469	29 307,061	403 993,474	13,785	13,324
18	2	99 018	75 740,137	2 966 377,641	39,165	38,704	68	52	77 857	28 288,297	374 686,413	13,245	12,784
19	3	98 956	74 573,788	2 890 637,504	38,762	38,301	69	53	76 157	27 261,523	346 398,116	12,706	12,246
20	4	98 896	73 427,602	2 816 063,716	38,352	37,891	70	54	74 337	26 217,091	319 136,593	12,173	11,712
21	5	98 831	72 294,937	2 742 636,113	37,937	37,476	71	55	72 413	25 161,000	292 919,501	11,642	11,181
22	6	98 768	71 180,852	2 670 341,177	37,515	37,054	72	56	70 358	24 085,575	267 758,501	11,117	10,656
23	7	98 707	70 085,549	2 599 160,325	37,086	36,625	73	57	68 192	22 999,269	243 672,926	10,595	10,134
24	8	98 647	69 007,780	2 529 074,776	36,649	36,188	74	58	65 892	21 895,146	220 673,657	10,079	9,618
25	9	98 584	67 944,913	2 460 066,996	36,207	35,746	75	59	63 380	20 749,040	198 778,511	9,580	9,119
26	10	98 523	66 899,409	2 392 122,083	35,757	35,296	76	60	60 719	19 584,174	178 029,471	9,090	8,630
27	11	98 459	65 867,777	2 325 222,673	35,301	34,841	77	61	57 878	18 392,091	158 445,297	8,615	8,154
28	12	98 389	64 848,100	2 259 354,897	34,841	34,380	78	62	54 856	17 173,976	140 053,206	8,155	7,694
29	13	98 322	63 846,221	2 194 506,797	34,372	33,911	79	63	51 631	15 925,359	122 879,230	7,716	7,255
30	14	98 248	62 855,686	2 130 660,576	33,898	33,437	80	64	48 264	14 667,092	106 953,872	7,292	6,831
31	15	98 175	61 880,450	2 067 804,890	33,416	32,955	81	65	44 793	13 411,010	92 286,780	6,881	6,421
32	16	98 093	60 914,782	2 005 924,441	32,930	32,469	82	66	41 205	12 154,551	78 875,770	6,489	6,029
33	17	98 005	59 961,219	1 945 009,658	32,438	31,977	83	67	37 571	10 918,794	66 721,219	6,111	5,650
34	18	97 915	59 020,526	1 885 048,439	31,939	31,478	84	68	33 956	9 722,206	55 802,425	5,740	5,279
35	19	97 815	58 088,909	1 826 027,913	31,435	30,974	85	69	30 324	8 554,118	46 080,219	5,387	4,926
36	20	97 712	57 170,568	1 767 939,004	30,924	30,463	86	70	26 743	7 432,371	37 526,101	5,049	4,588
37	21	97 605	56 263,576	1 710 768,436	30,406	29,946	87	71	23 236	6 362,446	30 093,730	4,730	4,269
38	22	97 492	55 367,906	1 654 504,860	29,882	29,421	88	72	19 835	5 350,832	23 731,284	4,435	3,974
39	23	97 363	54 477,477	1 599 136,954	29,354	28,893	89	73	16 649	4 424,902	18 380,452	4,154	3,693
40	24	97 229	53 598,521	1 544 659,477	28,819	28,358	90	74	13 639	3 571,272	13 955,550	3,908	3,447
41	25	97 084	52 728,022	1 491 060,955	28,278	27,818	91	75	11 029	2 845,305	10 384,278	3,650	3,189
42	26	96 930	51 866,233	1 438 332,934	27,732	27,271	92	76	8 636	2 194,976	7 538,974	3,435	2,974
43	27	96 759	51 009,510	1 386 466,701	27,181	26,720	93	77	6 602	1 653,163	5 343,998	3,233	2,772
44	28	96 560	50 152,581	1 335 457,191	26,628	26,167	94	78	4 912	1 211,974	3 690,834	3,045	2,585
45	29	96 344	49 300,640	1 285 304,610	26,071	25,610	95	79	3 549	862,733	2 478,861	2,873	2,412
46	30	96 103	48 450,568	1 236 003,970	25,511	25,050	96	80	2 487	595,556	1 616,128	2,714	2,253
47	31	95 838	47 603,000	1 187 553,402	24,947	24,486	97	81	1 685	397,640	1 020,571	2,567	2,106
48	32	95 533	46 749,999	1 139 950,402	24,384	23,923	98	82	1 103	256,339	622,932	2,430	1,969
49	33	95 192	45 895,114	1 093 200,403	23,820	23,359	99	83	694	159,040	366,593	2,305	1,844
							100	84	420	94,830	207,553	2,189	1,728

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	33	94 851	45 054,812	1 050 187,683	23,309	22,848
1							51	34	94 437	44 195,221	1 005 132,871	22,743	22,282
2							52	35	93 951	43 317,683	960 937,650	22,183	21,723
3							53	36	93 443	42 446,985	917 619,967	21,618	21,157
4							54	37	92 883	41 569,093	875 172,982	21,053	20,593
5							55	38	92 259	40 679,421	833 603,889	20,492	20,031
6							56	39	91 583	39 784,912	792 924,468	19,930	19,469
7							57	40	90 856	38 885,501	753 139,556	19,368	18,907
8							58	41	90 061	37 975,783	714 254,055	18,808	18,347
9							59	42	89 198	37 055,808	676 278,271	18,250	17,789
10							60	43	88 268	36 127,601	639 222,463	17,693	17,233
11							61	44	87 261	35 187,744	603 094,862	17,139	16,679
12							62	45	86 190	34 242,156	567 907,118	16,585	16,124
13							63	46	85 048	33 289,361	533 664,963	16,031	15,570
14							64	47	83 855	32 337,098	500 375,601	15,474	15,013
15							65	48	82 538	31 358,764	468 038,504	14,925	14,464
16							66	49	81 151	30 376,270	436 679,740	14,376	13,915
17	0	99 391	77 165,877	3 046 747,906	39,483	39,022	67	50	79 644	29 371,767	406 303,469	13,833	13,372
18	1	99 044	75 760,135	2 969 582,029	39,197	38,736	68	51	78 048	28 357,683	376 931,702	13,292	12,831
19	2	98 970	74 584,897	2 893 821,894	38,799	38,338	69	52	76 366	27 336,572	348 574,020	12,751	12,290
20	3	98 907	73 435,808	2 819 236,997	38,390	37,930	70	53	74 562	26 296,152	321 237,448	12,216	11,755
21	4	98 843	72 303,554	2 745 801,189	37,976	37,515	71	54	72 645	25 241,552	294 941,296	11,685	11,224
22	5	98 778	71 188,047	2 673 497,635	37,555	37,095	72	55	70 608	24 171,218	269 699,744	11,158	10,697
23	6	98 715	70 091,653	2 602 309,588	37,127	36,666	73	56	68 450	23 086,355	245 528,526	10,635	10,174
24	7	98 655	69 013,703	2 532 217,935	36,692	36,231	74	57	66 157	21 983,003	222 442,171	10,119	9,658
25	8	98 592	67 949,917	2 463 204,232	36,250	35,789	75	58	63 661	20 840,997	200 459,169	9,619	9,158
26	9	98 530	66 904,025	2 395 254,314	35,801	35,341	76	59	61 007	19 677,090	179 618,172	9,128	8,667
27	10	98 466	65 872,452	2 328 350,290	35,346	34,886	77	60	58 192	18 491,749	159 941,082	8,649	8,189
28	11	98 397	64 853,286	2 262 477,838	34,886	34,425	78	61	55 173	17 273,240	141 449,332	8,189	7,728
29	12	98 330	63 851,361	2 197 624,552	34,418	33,957	79	62	51 958	16 026,448	124 176,092	7,748	7,287
30	13	98 257	62 861,317	2 133 773,191	33,944	33,483	80	63	48 592	14 766,587	108 149,645	7,324	6,863
31	14	98 186	61 887,157	2 070 911,875	33,463	33,002	81	64	45 125	13 510,303	93 383,057	6,912	6,451
32	15	98 105	60 922,446	2 009 024,717	32,977	32,516	82	65	41 530	12 250,224	79 872,755	6,520	6,059
33	16	98 020	59 970,447	1 948 102,271	32,484	32,024	83	66	37 895	11 013,002	67 622,531	6,140	5,679
34	17	97 931	59 029,999	1 888 131,824	31,986	31,525	84	67	34 269	9 811,810	56 609,529	5,770	5,309
35	18	97 837	58 102,180	1 829 101,825	31,481	31,020	85	68	30 622	8 637,999	46 797,719	5,418	4,957
36	19	97 733	57 182,379	1 770 999,645	30,971	30,510	86	69	27 030	7 512,161	38 159,720	5,080	4,619
37	20	97 626	56 276,069	1 713 817,267	30,454	29,993	87	70	23 509	6 437,148	30 647,559	4,761	4,300
38	21	97 512	55 379,496	1 657 541,198	29,931	29,470	88	71	20 094	5 420,634	24 210,411	4,466	4,006
39	22	97 385	54 489,701	1 602 161,702	29,403	28,942	89	72	16 893	4 489,905	18 789,777	4,185	3,724
40	23	97 251	53 610,776	1 547 672,001	28,869	28,408	90	73	13 864	3 630,305	14 299,871	3,939	3,478
41	24	97 104	52 738,682	1 494 061,225	28,330	27,869	91	74	11 238	2 899,253	10 669,567	3,680	3,219
42	25	96 951	51 877,645	1 441 322,543	27,783	27,322	92	75	8 825	2 243,109	7 770,314	3,464	3,003
43	26	96 782	51 021,585	1 389 444,898	27,232	26,772	93	76	6 767	1 694,671	5 527,205	3,262	2,801
44	27	96 586	50 166,058	1 338 423,313	26,680	26,219	94	77	5 053	1 246,532	3 832,535	3,075	2,614
45	28	96 368	49 313,110	1 288 257,255	26,124	25,663	95	78	3 667	891,316	2 586,003	2,901	2,441
46	29	96 131	48 464,473	1 238 944,145	25,564	25,103	96	79	2 581	617,993	1 694,687	2,742	2,281
47	30	95 865	47 616,477	1 190 479,672	25,001	24,541	97	80	1 759	414,971	1 076,694	2,595	2,134
48	31	95 561	46 764,123	1 142 863,195	24,439	23,978	98	81	1 158	269,148	661,723	2,459	1,998
49	32	95 226	45 911,389	1 096 099,072	23,874	23,413	99	82	735	168,322	392,575	2,332	1,871
							100	83	448	101,175	224,253	2,216	1,756

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	32	94 885	45 070,788	1 052 828,796	23,359	22,899
1							51	33	94 472	44 211,387	1 007 758,008	22,794	22,333
2							52	34	93 990	43 336,091	963 546,621	22,234	21,773
3							53	35	93 480	42 463,876	920 210,530	21,670	21,210
4							54	36	92 927	41 588,856	877 746,655	21,105	20,645
5							55	37	92 308	40 701,142	836 157,798	20,544	20,083
6							56	38	91 634	39 807,073	795 456,656	19,983	19,522
7							57	39	90 916	38 911,243	755 649,583	19,420	18,959
8							58	40	90 125	38 002,622	716 738,340	18,860	18,399
9							59	41	89 269	37 085,532	678 735,718	18,302	17,841
10							60	42	88 346	36 159,787	641 650,186	17,745	17,284
11							61	43	87 350	35 223,811	605 490,399	17,190	16,729
12							62	44	86 287	34 280,658	570 266,589	16,635	16,174
13							63	45	85 156	33 331,667	535 985,930	16,080	15,620
14							64	46	83 973	32 382,728	502 654,264	15,522	15,061
15							65	47	82 673	31 410,123	470 271,535	14,972	14,511
16							66	48	81 295	30 430,084	438 861,412	14,422	13,961
17							67	49	79 809	29 432,328	408 431,328	13,877	13,416
18	0	99 358	75 999,738	2 972 763,571	39,115	38,655	68	50	78 220	28 420,293	378 999,000	13,336	12,875
19	1	98 997	74 604,590	2 896 763,832	38,828	38,367	69	51	76 553	27 403,623	350 578,707	12,793	12,332
20	2	98 922	73 446,747	2 822 159,243	38,425	37,964	70	52	74 767	26 368,543	323 175,084	12,256	11,795
21	3	98 854	72 311,633	2 748 712,496	38,012	37,551	71	53	72 864	25 317,670	296 806,541	11,723	11,262
22	4	98 790	71 196,532	2 676 400,863	37,592	37,131	72	54	70 834	24 248,600	271 488,870	11,196	10,735
23	5	98 725	70 098,738	2 605 204,330	37,165	36,704	73	55	68 694	23 168,445	247 240,270	10,671	10,211
24	6	98 664	69 019,714	2 535 105,592	36,730	36,269	74	56	66 407	22 066,241	224 071,825	10,155	9,694
25	7	98 600	67 955,750	2 466 085,877	36,290	35,829	75	57	63 916	20 924,623	202 005,584	9,654	9,193
26	8	98 537	66 908,952	2 398 130,128	35,842	35,381	76	58	61 277	19 764,296	181 080,961	9,162	8,701
27	9	98 473	65 876,996	2 331 221,176	35,387	34,927	77	59	58 468	18 579,482	161 316,665	8,683	8,222
28	10	98 404	64 857,889	2 265 344,179	34,928	34,467	78	60	55 472	17 366,836	142 737,182	8,219	7,758
29	11	98 338	63 856,468	2 200 486,291	34,460	33,999	79	61	52 259	16 119,079	125 370,346	7,778	7,317
30	12	98 265	62 866,377	2 136 629,823	33,987	33,526	80	62	48 900	14 860,321	109 251,267	7,352	6,891
31	13	98 194	61 892,702	2 073 763,446	33,506	33,045	81	63	45 431	13 601,951	94 390,946	6,940	6,479
32	14	98 116	60 929,050	2 011 870,744	33,020	32,559	82	64	41 837	12 340,922	80 788,995	6,546	6,086
33	15	98 033	59 977,992	1 950 941,695	32,528	32,067	83	65	38 194	11 099,689	68 448,073	6,167	5,706
34	16	97 946	59 039,084	1 890 963,703	32,029	31,568	84	66	34 564	9 896,467	57 348,384	5,795	5,334
35	17	97 853	58 111,505	1 831 924,619	31,524	31,064	85	67	30 904	8 717,611	47 451,917	5,443	4,982
36	18	97 755	57 195,443	1 773 813,114	31,013	30,552	86	68	27 295	7 585,824	38 734,306	5,106	4,645
37	19	97 647	56 287,694	1 716 617,671	30,497	30,036	87	69	23 762	6 506,254	31 148,482	4,787	4,327
38	20	97 534	55 391,793	1 660 329,977	29,974	29,513	88	70	20 330	5 484,278	24 642,228	4,493	4,032
39	21	97 405	54 501,108	1 604 938,185	29,448	28,987	89	71	17 114	4 548,477	19 157,950	4,212	3,751
40	22	97 273	53 622,805	1 550 437,077	28,914	28,453	90	72	14 068	3 683,635	14 609,473	3,966	3,505
41	23	97 126	52 750,740	1 496 814,272	28,375	27,914	91	73	11 424	2 947,177	10 925,838	3,707	3,246
42	24	96 971	51 888,133	1 444 063,532	27,830	27,370	92	74	8 993	2 285,639	7 978,661	3,491	3,030
43	25	96 803	51 032,811	1 392 175,399	27,280	26,819	93	75	6 916	1 731,832	5 693,022	3,287	2,826
44	26	96 609	50 177,934	1 341 142,588	26,728	26,267	94	76	5 179	1 277,830	3 961,189	3,100	2,639
45	27	96 394	49 326,361	1 290 964,654	26,172	25,711	95	77	3 772	916,731	2 683,360	2,927	2,466
46	28	96 155	48 476,732	1 241 638,293	25,613	25,152	96	78	2 666	638,468	1 766,629	2,767	2,306
47	29	95 893	47 630,143	1 193 161,561	25,051	24,590	97	79	1 825	430,605	1 128,161	2,620	2,159
48	30	95 589	46 777,363	1 145 531,418	24,489	24,028	98	80	1 208	280,879	697,556	2,483	2,023
49	31	95 255	45 925,259	1 098 754,055	23,925	23,464	99	81	772	176,732	416,678	2,358	1,897
							100	82	475	107,080	239,945	2,241	1,780

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
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18						
19	0	99 310	74 840,538	2 899 701,370	38,745	38,284
20	1	98 948	73 466,139	2 824 860,832	38,451	37,990
21	2	98 869	72 322,405	2 751 394,692	38,043	37,583
22	3	98 801	71 204,488	2 679 072,287	37,625	37,164
23	4	98 737	70 107,094	2 607 867,799	37,198	36,738
24	5	98 674	69 026,691	2 537 760,705	36,765	36,304
25	6	98 609	67 961,669	2 468 734,014	36,325	35,865
26	7	98 546	66 914,695	2 400 772,345	35,878	35,417
27	8	98 480	65 881,848	2 333 857,650	35,425	34,964
28	9	98 411	64 862,363	2 267 975,802	34,966	34,505
29	10	98 345	63 861,000	2 203 113,439	34,499	34,038
30	11	98 273	62 871,405	2 139 252,439	34,026	33,565
31	12	98 202	61 897,684	2 076 381,034	33,545	33,085
32	13	98 124	60 934,508	2 014 483,350	33,060	32,599
33	14	98 043	59 984,493	1 953 548,842	32,568	32,107
34	15	97 958	59 046,511	1 893 564,349	32,069	31,608
35	16	97 868	58 120,448	1 834 517,838	31,564	31,103
36	17	97 771	57 204,622	1 776 397,389	31,053	30,593
37	18	97 669	56 300,554	1 719 192,767	30,536	30,075
38	19	97 554	55 403,235	1 662 892,213	30,014	29,554
39	20	97 427	54 513,209	1 607 488,978	29,488	29,027
40	21	97 293	53 634,030	1 552 975,769	28,955	28,494
41	22	97 148	52 762,576	1 499 341,738	28,417	27,956
42	23	96 993	51 899,997	1 446 579,162	27,872	27,412
43	24	96 823	51 043,129	1 394 679,165	27,324	26,863
44	25	96 630	50 188,974	1 343 636,037	26,772	26,311
45	26	96 417	49 338,038	1 293 447,062	26,216	25,755
46	27	96 181	48 489,758	1 244 109,025	25,657	25,196
47	28	95 917	47 642,191	1 195 619,266	25,096	24,635
48	29	95 616	46 790,788	1 147 977,076	24,534	24,073
49	30	95 282	45 938,261	1 101 186,288	23,971	23,510
50	31	94 914	45 084,404	1 055 248,027	23,406	22,945
51	32	94 505	44 227,064	1 010 163,622	22,840	22,380
52	33	94 025	43 351,942	965 936,558	22,281	21,820
53	34	93 520	42 481,921	922 584,616	21,717	21,256
54	35	92 964	41 605,405	880 102,695	21,154	20,693
55	36	92 352	40 720,493	838 497,290	20,592	20,131
56	37	91 683	39 828,329	797 776,797	20,030	19,570
57	38	90 966	38 932,917	757 948,468	19,468	19,007
58	39	90 184	38 027,779	719 015,550	18,908	18,447
59	40	89 332	37 111,741	680 987,771	18,350	17,889
60	41	88 417	36 188,792	643 876,030	17,792	17,331
61	42	87 428	35 255,191	607 687,238	17,237	16,776
62	43	86 375	34 315,795	572 432,047	16,681	16,221
63	44	85 252	33 369,146	538 116,252	16,126	15,665
64	45	84 080	32 423,882	504 747,106	15,567	15,106
65	46	82 789	31 454,446	472 323,224	15,016	14,555
66	47	81 428	30 479,922	440 868,778	14,464	14,003
67	48	79 950	29 484,470	410 388,856	13,919	13,458
68	49	78 382	28 478,892	380 904,386	13,375	12,914
69	50	76 722	27 464,126	352 425,494	12,832	12,371
70	51	74 950	26 433,220	324 961,368	12,294	11,833
71	52	73 065	25 387,368	298 528,148	11,759	11,298
72	53	71 048	24 321,725	273 140,780	11,230	10,770
73	54	68 914	23 242,617	248 819,055	10,705	10,244
74	55	66 643	22 144,703	225 576,438	10,186	9,726
75	56	64 158	21 003,854	203 431,735	9,685	9,225
76	57	61 523	19 843,603	182 427,881	9,193	8,732
77	58	58 727	18 661,824	162 584,278	8,712	8,251
78	59	55 735	17 449,232	143 922,454	8,248	7,787
79	60	52 542	16 206,421	126 473,222	7,804	7,343
80	61	49 183	14 946,212	110 266,801	7,378	6,917
81	62	45 719	13 688,292	95 320,589	6,964	6,503
82	63	42 121	12 424,638	81 632,297	6,570	6,109
83	64	38 477	11 181,869	69 207,659	6,189	5,728
84	65	34 836	9 974,366	58 025,790	5,817	5,357
85	66	31 170	8 792,827	48 051,424	5,465	5,004
86	67	27 547	7 655,739	39 258,597	5,128	4,667
87	68	23 995	6 570,053	31 602,858	4,810	4,349
88	69	20 548	5 543,155	25 032,805	4,516	4,055
89	70	17 315	4 601,881	19 489,651	4,235	3,774
90	71	14 251	3 731,689	14 887,770	3,990	3,529
91	72	11 592	2 990,472	11 156,081	3,731	3,270
92	73	9 141	2 323,421	8 165,609	3,514	3,054
93	74	7 047	1 764,668	5 842,188	3,311	2,850
94	75	5 293	1 305,851	4 077,520	3,123	2,662
95	76	3 866	939,748	2 771,669	2,949	2,489
96	77	2 742	656,673	1 831,921	2,790	2,329
97	78	1 886	444,871	1 175,248	2,642	2,181
98	79	1 254	291,461	730,377	2,506	2,045
99	80	805	184,435	438,917	2,380	1,919
100	81	498	112,430	254,481	2,263	1,803

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß 1,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20	0	99 261	73 698,488	2 827 574,471	38,367	37,906
21	1	98 895	72 341,501	2 753 875,984	38,068	37,607
22	2	98 815	71 215,095	2 681 534,483	37,654	37,193
23	3	98 748	70 114,928	2 610 319,388	37,229	36,768
24	4	98 686	69 034,919	2 540 204,460	36,796	36,335
25	5	98 619	67 968,538	2 471 169,541	36,358	35,897
26	6	98 554	66 920,523	2 403 201,003	35,911	35,450
27	7	98 489	65 887,503	2 336 280,479	35,459	34,998
28	8	98 418	64 867,140	2 270 392,976	35,001	34,540
29	9	98 351	63 865,405	2 205 525,836	34,534	34,073
30	10	98 280	62 875,867	2 141 660,430	34,062	33,601
31	11	98 210	61 902,634	2 078 784,563	33,582	33,121
32	12	98 132	60 939,413	2 016 881,929	33,097	32,636
33	13	98 052	59 989,867	1 955 942,515	32,605	32,144
34	14	97 969	59 052,912	1 895 952,648	32,106	31,645
35	15	97 880	58 127,760	1 836 899,737	31,601	31,140
36	16	97 786	57 213,426	1 778 771,977	31,090	30,629
37	17	97 685	56 309,590	1 721 558,550	30,573	30,112
38	18	97 576	55 415,893	1 665 248,960	30,050	29,589
39	19	97 447	54 524,470	1 609 833,067	29,525	29,064
40	20	97 315	53 645,939	1 555 308,597	28,992	28,531
41	21	97 168	52 773,621	1 501 662,658	28,455	27,994
42	22	97 015	51 911,642	1 448 889,037	27,911	27,450
43	23	96 845	51 054,799	1 396 977,395	27,362	26,902
44	24	96 650	50 199,121	1 345 922,596	26,812	26,351
45	25	96 438	49 348,893	1 295 723,474	26,256	25,796
46	26	96 203	48 501,237	1 246 374,581	25,698	25,237
47	27	95 943	47 654,993	1 197 873,344	25,136	24,676
48	28	95 640	46 802,623	1 150 218,351	24,576	24,115
49	29	95 309	45 951,446	1 103 415,728	24,013	23,552
50	30	94 940	45 097,168	1 057 464,282	23,449	22,988
51	31	94 534	44 240,426	1 012 367,114	22,883	22,423
52	32	94 058	43 367,315	968 126,688	22,324	21,863
53	33	93 554	42 497,459	924 759,374	21,760	21,300
54	34	93 004	41 623,086	882 261,914	21,196	20,736
55	35	92 389	40 736,697	840 638,828	20,636	20,175
56	36	91 727	39 847,265	799 902,132	20,074	19,613
57	37	91 015	38 953,706	760 054,867	19,512	19,051
58	38	90 235	38 048,962	721 101,161	18,952	18,491
59	39	89 391	37 136,309	683 052,199	18,393	17,932
60	40	88 480	36 214,367	645 915,890	17,836	17,375
61	41	87 498	35 283,471	609 701,523	17,280	16,819
62	42	86 452	34 346,367	574 418,052	16,724	16,263
63	43	85 340	33 403,349	540 071,686	16,168	15,707
64	44	84 174	32 460,340	506 668,337	15,609	15,148
65	45	82 895	31 494,420	474 207,997	15,057	14,596
66	46	81 543	30 522,932	442 713,577	14,504	14,043
67	47	80 081	29 532,759	412 190,645	13,957	13,496
68	48	78 520	28 529,344	382 657,886	13,413	12,952
69	49	76 881	27 520,754	354 128,542	12,868	12,407
70	50	75 116	26 491,581	326 607,787	12,329	11,868
71	51	73 244	25 449,638	300 116,206	11,793	11,332
72	52	71 243	24 388,681	274 666,568	11,262	10,801
73	53	69 122	23 312,708	250 277,888	10,736	10,275
74	54	66 857	22 215,598	226 965,180	10,216	9,756
75	55	64 386	21 078,539	204 749,582	9,714	9,253
76	56	61 756	19 918,740	183 671,043	9,221	8,760
77	57	58 963	18 736,706	163 752,302	8,740	8,279
78	58	55 982	17 526,564	145 015,596	8,274	7,813
79	59	52 791	16 283,312	127 489,032	7,829	7,369
80	60	49 449	15 027,199	111 205,720	7,400	6,939
81	61	45 983	13 767,409	96 178,521	6,986	6,525
82	62	42 388	12 503,506	82 411,112	6,591	6,130
83	63	38 738	11 257,722	69 907,607	6,210	5,749
84	64	35 094	10 048,214	58 649,884	5,837	5,376
85	65	31 416	8 862,038	48 601,670	5,484	5,023
86	66	27 784	7 721,793	39 739,632	5,146	4,686
87	67	24 216	6 630,606	32 017,839	4,829	4,368
88	68	20 749	5 597,510	25 387,233	4,535	4,075
89	69	17 501	4 651,284	19 789,723	4,255	3,794
90	70	14 418	3 775,503	15 138,439	4,010	3,549
91	71	11 743	3 029,484	11 362,936	3,751	3,290
92	72	9 275	2 357,553	8 333,452	3,535	3,074
93	73	7 163	1 793,838	5 975,900	3,331	2,871
94	74	5 393	1 330,610	4 182,062	3,143	2,682
95	75	3 951	960,355	2 851,452	2,969	2,508
96	76	2 811	673,161	1 891,097	2,809	2,348
97	77	1 939	457,556	1 217,936	2,662	2,201
98	78	1 295	301,117	760,380	2,525	2,064
99	79	836	191,384	459,263	2,400	1,939
100	80	520	117,331	267,879	2,283	1,822

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	29	94 968	45 110,111	1 059 495,656	23,487	23,026
1							51	30	94 561	44 252,951	1 014 385,544	22,922	22,462
2							52	31	94 087	43 380,417	970 132,594	22,363	21,903
3							53	32	93 587	42 512,529	926 752,177	21,800	21,339
4							54	33	93 038	41 638,310	884 239,648	21,236	20,775
5							55	34	92 428	40 754,008	842 601,338	20,675	20,215
6							56	35	91 763	39 863,121	801 847,330	20,115	19,654
7							57	36	91 058	38 972,226	761 984,209	19,552	19,091
8							58	37	90 283	38 069,279	723 011,983	18,992	18,531
9							59	38	89 441	37 156,995	684 942,704	18,434	17,973
10							60	39	88 538	36 238,341	647 785,710	17,876	17,415
11							61	40	87 560	35 308,406	611 547,369	17,320	16,859
12							62	41	86 521	34 373,917	576 238,963	16,764	16,303
13							63	42	85 416	33 433,107	541 865,045	16,207	15,747
14							64	43	84 261	32 493,611	508 431,938	15,647	15,186
15							65	44	82 988	31 529,833	475 938,327	15,095	14,634
16							66	45	81 646	30 561,722	444 408,494	14,541	14,081
17							67	46	80 194	29 574,433	413 846,772	13,993	13,533
18							68	47	78 649	28 576,070	384 272,339	13,447	12,987
19							69	48	77 017	27 569,509	355 696,270	12,902	12,441
20							70	49	75 271	26 546,204	328 126,761	12,361	11,900
21	0	99 208	72 570,292	2 756 383,956	37,982	37,521	71	50	73 405	25 505,828	301 580,557	11,824	11,363
22	1	98 842	71 233,898	2 683 813,664	37,676	37,215	72	51	71 418	24 448,501	276 074,730	11,292	10,831
23	2	98 763	70 125,372	2 612 579,766	37,256	36,795	73	52	69 312	23 376,886	251 626,229	10,764	10,303
24	3	98 697	69 042,633	2 542 454,393	36,824	36,364	74	53	67 058	22 282,592	228 249,342	10,243	9,783
25	4	98 630	67 976,640	2 473 411,760	36,386	35,925	75	54	64 592	21 146,021	205 966,751	9,740	9,279
26	5	98 564	66 927,288	2 405 435,120	35,941	35,480	76	55	61 976	19 989,566	184 820,730	9,246	8,785
27	6	98 497	65 893,242	2 338 507,832	35,489	35,029	77	56	59 186	18 807,653	164 831,164	8,764	8,303
28	7	98 426	64 872,708	2 272 614,591	35,032	34,571	78	57	56 207	17 596,891	146 023,511	8,298	7,837
29	8	98 359	63 870,109	2 207 741,883	34,566	34,105	79	58	53 025	16 355,477	128 426,620	7,852	7,391
30	9	98 287	62 880,205	2 143 871,773	34,095	33,634	80	59	49 684	15 098,495	112 071,143	7,423	6,962
31	10	98 217	61 907,028	2 080 991,568	33,615	33,154	81	60	46 233	13 842,008	96 972,648	7,006	6,545
32	11	98 140	60 944,287	2 019 084,540	33,130	32,669	82	61	42 633	12 575,775	83 130,640	6,610	6,150
33	12	98 060	59 994,696	1 958 140,253	32,639	32,178	83	62	38 983	11 329,183	70 554,865	6,228	5,767
34	13	97 977	59 058,202	1 898 145,557	32,140	31,679	84	63	35 332	10 116,377	59 225,682	5,854	5,394
35	14	97 891	58 134,061	1 839 087,355	31,635	31,174	85	64	31 648	8 927,651	49 109,305	5,501	5,040
36	15	97 798	57 220,624	1 780 953,294	31,124	30,664	86	65	28 003	7 782,574	40 181,654	5,163	4,702
37	16	97 700	56 318,256	1 723 732,670	30,607	30,146	87	66	24 425	6 687,815	32 399,080	4,844	4,384
38	17	97 592	55 424,787	1 667 414,414	30,084	29,623	88	67	20 941	5 649,099	25 711,265	4,551	4,091
39	18	97 469	54 536,927	1 611 989,627	29,558	29,097	89	68	17 672	4 696,894	20 062,165	4,271	3,811
40	19	97 335	53 657,021	1 557 452,700	29,026	28,565	90	69	14 573	3 816,035	15 365,271	4,027	3,566
41	20	97 190	52 785,339	1 503 795,678	28,489	28,028	91	70	11 881	3 065,053	11 549,237	3,768	3,307
42	21	97 035	51 922,509	1 451 010,339	27,946	27,485	92	71	9 396	2 388,307	8 484,184	3,552	3,092
43	22	96 867	51 066,255	1 399 087,830	27,398	26,937	93	72	7 269	1 820,190	6 095,877	3,349	2,888
44	23	96 672	50 210,599	1 348 021,576	26,847	26,387	94	73	5 483	1 352,605	4 275,686	3,161	2,700
45	24	96 458	49 358,871	1 297 810,977	26,293	25,833	95	74	4 026	978,564	2 923,081	2,987	2,526
46	25	96 225	48 511,908	1 248 452,106	25,735	25,274	96	75	2 873	687,922	1 944,518	2,827	2,366
47	26	95 966	47 666,274	1 199 940,198	25,174	24,713	97	76	1 988	469,044	1 256,595	2,679	2,218
48	27	95 666	46 815,200	1 152 273,924	24,613	24,152	98	77	1 332	309,703	787,551	2,543	2,082
49	28	95 333	45 963,069	1 105 458,724	24,051	23,590	99	78	863	197,724	477,848	2,417	1,956
							100	79	540	121,751	280,124	2,301	1,840

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	28	94 992	45 121,521	1 061 356,845	23,522	23,061
1							51	29	94 588	44 265,651	1 016 235,324	22,958	22,497
2							52	30	94 113	43 392,698	971 969,673	22,399	21,939
3							53	31	93 616	42 525,373	928 576,975	21,836	21,375
4							54	32	93 071	41 653,075	886 051,602	21,272	20,811
5							55	33	92 462	40 768,915	844 398,527	20,712	20,251
6							56	34	91 802	39 880,061	803 629,613	20,151	19,690
7							57	35	91 095	38 987,734	763 749,552	19,589	19,129
8							58	36	90 326	38 087,378	724 761,818	19,029	18,568
9							59	37	89 489	37 176,835	686 674,440	18,470	18,010
10							60	38	88 588	36 258,526	649 497,604	17,913	17,452
11							61	39	87 618	35 331,780	613 239,078	17,357	16,896
12							62	40	86 583	34 398,210	577 907,298	16,801	16,340
13							63	41	85 484	33 459,925	543 509,088	16,244	15,783
14							64	42	84 336	32 522,559	510 049,163	15,683	15,222
15							65	43	83 073	31 562,150	477 526,604	15,130	14,669
16							66	44	81 738	30 596,086	445 964,453	14,576	14,115
17							67	45	80 296	29 612,017	415 368,367	14,027	13,566
18							68	46	78 760	28 616,393	385 756,349	13,480	13,019
19							69	47	77 143	27 614,662	357 139,956	12,933	12,472
20							70	48	75 404	26 593,232	329 525,294	12,391	11,931
21							71	49	73 557	25 558,418	302 932,062	11,853	11,392
22	0	99 154	71 459,187	2 686 132,531	37,590	37,129	72	50	71 576	24 502,480	277 373,644	11,320	10,859
23	1	98 789	70 143,888	2 614 673,344	37,276	36,815	73	51	69 482	23 434,225	252 871,164	10,791	10,330
24	2	98 711	69 052,918	2 544 529,456	36,849	36,388	74	52	67 243	22 343,934	229 436,939	10,268	9,808
25	3	98 641	67 984,236	2 475 476,538	36,413	35,952	75	53	64 787	21 209,789	207 093,005	9,764	9,303
26	4	98 576	66 935,265	2 407 492,302	35,967	35,507	76	54	62 174	20 053,562	185 883,217	9,269	8,809
27	5	98 507	65 899,902	2 340 557,037	35,517	35,056	77	55	59 397	18 874,528	165 829,655	8,786	8,325
28	6	98 435	64 878,358	2 274 657,134	35,060	34,600	78	56	56 419	17 663,522	146 955,127	8,320	7,859
29	7	98 367	63 875,591	2 209 778,776	34,595	34,134	79	57	53 238	16 421,105	129 291,605	7,874	7,413
30	8	98 294	62 884,836	2 145 903,185	34,124	33,664	80	58	49 904	15 165,409	112 870,500	7,443	6,982
31	9	98 224	61 911,299	2 083 018,348	33,645	33,184	81	59	46 452	13 907,681	97 705,090	7,025	6,564
32	10	98 147	60 948,613	2 021 107,050	33,161	32,700	82	60	42 864	12 643,917	83 797,410	6,627	6,167
33	11	98 068	59 999,494	1 960 158,437	32,670	32,209	83	61	39 209	11 394,665	71 153,492	6,244	5,784
34	12	97 985	59 062,956	1 900 158,942	32,172	31,711	84	62	35 557	10 180,593	59 758,828	5,870	5,409
35	13	97 900	58 139,269	1 841 095,986	31,667	31,206	85	63	31 863	8 988,212	49 578,235	5,516	5,055
36	14	97 809	57 226,827	1 782 956,717	31,156	30,695	86	64	28 210	7 840,195	40 590,023	5,177	4,716
37	15	97 712	56 325,341	1 725 729,890	30,639	30,178	87	65	24 617	6 740,457	32 749,828	4,859	4,398
38	16	97 607	55 433,317	1 669 404,549	30,116	29,655	88	66	21 121	5 697,840	26 009,371	4,565	4,104
39	17	97 485	54 545,680	1 613 971,232	29,589	29,129	89	67	17 835	4 740,183	20 311,531	4,285	3,824
40	18	97 357	53 669,280	1 559 425,552	29,056	28,595	90	68	14 716	3 853,454	15 571,348	4,041	3,580
41	19	97 210	52 796,243	1 505 756,272	28,520	28,059	91	69	12 008	3 097,958	11 717,894	3,782	3,322
42	20	97 057	51 934,038	1 452 960,029	27,977	27,516	92	70	9 507	2 416,348	8 619,936	3,567	3,107
43	21	96 887	51 076,944	1 401 025,991	27,430	26,969	93	71	7 364	1 843,935	6 203,588	3,364	2,904
44	22	96 694	50 221,865	1 349 949,046	26,880	26,419	94	72	5 563	1 372,475	4 359,652	3,176	2,716
45	23	96 480	49 370,156	1 299 727,182	26,326	25,865	95	73	4 092	994,739	2 987,177	3,003	2,542
46	24	96 244	48 521,717	1 250 357,026	25,769	25,308	96	74	2 927	700,966	1 992,438	2,842	2,382
47	25	95 987	47 676,762	1 201 835,309	25,208	24,747	97	75	2 032	479,330	1 291,472	2,694	2,234
48	26	95 688	46 826,282	1 154 158,547	24,648	24,187	98	76	1 366	317,479	812,143	2,558	2,097
49	27	95 359	45 975,420	1 107 332,265	24,085	23,625	99	77	888	203,362	494,664	2,432	1,972
							100	78	557	125,785	291,301	2,316	1,855

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	27	95 017	45 133,646	1 063 063,320	23,554	23,093
1							51	28	94 612	44 276,848	1 017 929,674	22,990	22,529
2							52	29	94 140	43 405,152	973 652,826	22,432	21,971
3							53	30	93 642	42 537,412	930 247,674	21,869	21,408
4							54	31	93 099	41 665,659	887 710,262	21,306	20,845
5							55	32	92 494	40 783,371	846 044,603	20,745	20,284
6							56	33	91 836	39 894,648	805 261,232	20,185	19,724
7							57	34	91 133	39 004,302	765 366,584	19,623	19,162
8							58	35	90 362	38 102,534	726 362,282	19,063	18,603
9							59	36	89 531	37 194,511	688 259,748	18,504	18,044
10							60	37	88 635	36 277,887	651 065,238	17,947	17,486
11							61	38	87 667	35 351,461	614 787,350	17,391	16,930
12							62	39	86 640	34 420,981	579 435,890	16,834	16,373
13							63	40	85 545	33 483,572	545 014,908	16,277	15,816
14							64	41	84 403	32 548,647	511 531,336	15,716	15,255
15							65	42	83 147	31 590,268	478 982,690	15,162	14,702
16							66	43	81 822	30 627,447	447 392,421	14,608	14,147
17							67	44	80 386	29 645,314	416 764,974	14,058	13,598
18							68	45	78 860	28 652,760	387 119,660	13,511	13,050
19							69	46	77 252	27 653,629	358 466,900	12,963	12,502
20							70	47	75 527	26 636,786	330 813,271	12,419	11,959
21							71	48	73 687	25 603,696	304 176,485	11,880	11,419
22							72	49	71 723	24 553,001	278 572,789	11,346	10,885
23	0	99 101	70 365,729	2 616 818,156	37,189	36,728	73	50	69 635	23 485,964	254 019,787	10,816	10,355
24	1	98 737	69 071,150	2 546 452,427	36,867	36,406	74	51	67 408	22 398,739	230 533,823	10,292	9,831
25	2	98 656	67 994,363	2 477 381,277	36,435	35,974	75	52	64 966	21 268,178	208 135,084	9,786	9,325
26	3	98 587	66 942,745	2 409 386,914	35,992	35,531	76	53	62 362	20 114,036	186 866,906	9,290	8,830
27	4	98 519	65 907,757	2 342 444,169	35,541	35,080	77	54	59 587	18 934,954	166 752,870	8,807	8,346
28	5	98 445	64 884,917	2 276 536,412	35,086	34,625	78	55	56 620	17 726,329	147 817,917	8,339	7,878
29	6	98 376	63 881,155	2 211 651,495	34,621	34,161	79	56	53 439	16 483,283	130 091,587	7,892	7,432
30	7	98 302	62 890,234	2 147 770,340	34,151	33,690	80	57	50 104	15 226,262	113 608,304	7,461	7,001
31	8	98 231	61 915,859	2 084 880,106	33,673	33,212	81	58	46 658	13 969,348	98 382,042	7,043	6,582
32	9	98 154	60 952,817	2 022 964,248	33,189	32,728	82	59	43 068	12 703,905	84 412,724	6,645	6,184
33	10	98 075	60 003,753	1 962 011,430	32,698	32,237	83	60	39 421	11 456,407	71 708,819	6,259	5,798
34	11	97 993	59 067,680	1 902 007,677	32,200	31,740	84	61	35 762	10 239,436	60 252,412	5,884	5,424
35	12	97 908	58 143,950	1 842 939,997	31,696	31,235	85	62	32 065	9 045,267	50 012,976	5,529	5,068
36	13	97 817	57 231,953	1 784 796,048	31,185	30,725	86	63	28 402	7 893,379	40 967,709	5,190	4,729
37	14	97 722	56 331,447	1 727 564,095	30,668	30,207	87	64	24 799	6 790,362	33 074,330	4,871	4,410
38	15	97 619	55 440,291	1 671 232,648	30,145	29,684	88	65	21 288	5 742,690	26 283,968	4,577	4,116
39	16	97 500	54 554,075	1 615 792,357	29,618	29,157	89	66	17 989	4 781,081	20 541,278	4,296	3,836
40	17	97 373	53 677,894	1 561 238,282	29,085	28,625	90	67	14 852	3 888,969	15 760,196	4,053	3,592
41	18	97 232	52 808,306	1 507 560,389	28,548	28,087	91	68	12 126	3 128,336	11 871,227	3,795	3,334
42	19	97 077	51 944,766	1 454 752,083	28,006	27,545	92	69	9 609	2 442,289	8 742,891	3,580	3,119
43	20	96 908	51 088,286	1 402 807,317	27,458	26,998	93	70	7 450	1 865,585	6 300,602	3,377	2,916
44	21	96 714	50 232,378	1 351 719,031	26,909	26,449	94	71	5 636	1 390,379	4 435,017	3,190	2,729
45	22	96 501	49 381,234	1 301 486,653	26,356	25,895	95	72	4 153	1 009,353	3 044,638	3,016	2,556
46	23	96 266	48 532,810	1 252 105,420	25,799	25,338	96	73	2 975	712,552	2 035,285	2,856	2,396
47	24	96 006	47 686,401	1 203 572,609	25,239	24,779	97	74	2 070	488,418	1 322,733	2,708	2,247
48	25	95 710	46 836,585	1 155 886,208	24,679	24,218	98	75	1 396	324,441	834,315	2,572	2,111
49	26	95 382	45 986,303	1 109 049,623	24,117	23,656	99	76	910	208,468	509,874	2,446	1,985
							100	77	573	129,372	301,406	2,330	1,869

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	26	95 040	45 144,331	1 064 627,048	23,583	23,122
1							51	27	94 637	44 288,746	1 019 482,718	23,019	22,558
2							52	28	94 164	43 416,131	975 193,972	22,462	22,001
3							53	29	93 669	42 549,620	931 777,841	21,899	21,438
4							54	30	93 125	41 677,455	889 228,221	21,336	20,875
5							55	31	92 522	40 795,692	847 550,766	20,775	20,315
6							56	32	91 869	39 908,794	806 755,073	20,215	19,754
7							57	33	91 167	39 018,569	766 846,279	19,653	19,193
8							58	34	90 400	38 118,726	727 827,711	19,094	18,633
9							59	35	89 567	37 209,311	689 708,985	18,536	18,075
10							60	36	88 677	36 295,135	652 499,674	17,978	17,517
11							61	37	87 714	35 370,337	616 204,539	17,422	16,961
12							62	38	86 688	34 440,155	580 834,201	16,865	16,404
13							63	39	85 601	33 505,738	546 394,047	16,307	15,847
14							64	40	84 463	32 571,650	512 888,309	15,746	15,286
15							65	41	83 214	31 615,608	480 316,659	15,192	14,732
16							66	42	81 895	30 654,732	448 701,051	14,637	14,176
17							67	43	80 468	29 675,700	418 046,319	14,087	13,626
18							68	44	78 949	28 684,978	388 370,619	13,539	13,078
19							69	45	77 350	27 688,773	359 685,641	12,990	12,530
20							70	46	75 634	26 674,373	331 996,869	12,446	11,985
21							71	47	73 808	25 645,630	305 322,495	11,905	11,445
22							72	48	71 850	24 596,499	279 676,865	11,371	10,910
23							73	49	69 779	23 534,390	255 080,367	10,839	10,378
24	0	99 050	69 289,599	2 548 436,904	36,780	36,319	74	50	67 557	22 448,193	231 545,977	10,315	9,854
25	1	98 682	68 012,316	2 479 147,305	36,451	35,991	75	51	65 125	21 320,344	209 097,784	9,807	9,347
26	2	98 602	66 952,717	2 411 134,989	36,013	35,552	76	52	62 533	20 169,408	187 777,440	9,310	8,849
27	3	98 530	65 915,122	2 344 182,272	35,564	35,103	77	53	59 766	18 992,054	167 608,032	8,825	8,364
28	4	98 457	64 892,651	2 278 267,150	35,108	34,647	78	54	56 801	17 783,079	148 615,978	8,357	7,896
29	5	98 386	63 887,612	2 213 374,499	34,645	34,184	79	55	53 629	16 541,894	130 832,899	7,909	7,448
30	6	98 311	62 895,711	2 149 486,887	34,175	33,715	80	56	50 294	15 283,916	114 291,005	7,478	7,017
31	7	98 240	61 921,173	2 086 591,176	33,698	33,237	81	57	46 845	14 025,371	99 007,089	7,059	6,598
32	8	98 161	60 957,307	2 024 670,003	33,215	32,754	82	58	43 259	12 760,207	84 981,718	6,660	6,199
33	9	98 082	60 007,893	1 963 712,696	32,724	32,263	83	59	39 608	11 510,761	72 221,510	6,274	5,813
34	10	98 000	59 071,872	1 903 704,804	32,227	31,766	84	60	35 956	10 294,919	60 710,749	5,897	5,436
35	11	97 915	58 148,600	1 844 632,931	31,723	31,262	85	61	32 251	9 097,548	50 415,831	5,542	5,081
36	12	97 825	57 236,561	1 786 484,332	31,212	30,751	86	62	28 582	7 943,484	41 318,283	5,202	4,741
37	13	97 731	56 336,493	1 729 247,771	30,695	30,234	87	63	24 967	6 836,425	33 374,799	4,882	4,421
38	14	97 630	55 446,300	1 672 911,278	30,172	29,711	88	64	21 445	5 785,208	26 538,374	4,587	4,126
39	15	97 512	54 560,938	1 617 464,977	29,645	29,184	89	65	18 130	4 818,715	20 753,166	4,307	3,846
40	16	97 388	53 686,155	1 562 904,039	29,112	28,651	90	66	14 980	3 922,524	15 934,451	4,062	3,601
41	17	97 248	52 816,781	1 509 217,885	28,575	28,114	91	67	12 238	3 157,168	12 011,927	3,805	3,344
42	18	97 099	51 956,634	1 456 401,104	28,031	27,570	92	68	9 703	2 466,238	8 854,759	3,590	3,130
43	19	96 928	51 098,839	1 404 444,470	27,485	27,024	93	69	7 530	1 885,613	6 388,521	3,388	2,927
44	20	96 736	50 243,532	1 353 345,630	26,936	26,475	94	70	5 702	1 406,704	4 502,908	3,201	2,740
45	21	96 522	49 391,571	1 303 102,099	26,383	25,922	95	71	4 207	1 022,520	3 096,205	3,028	2,567
46	22	96 288	48 543,700	1 253 710,528	25,826	25,366	96	72	3 019	723,020	2 073,685	2,868	2,407
47	23	96 028	47 697,304	1 205 166,828	25,267	24,806	97	73	2 104	496,492	1 350,665	2,720	2,260
48	24	95 729	46 846,054	1 157 469,524	24,708	24,247	98	74	1 422	330,592	854,173	2,584	2,123
49	25	95 403	45 996,421	1 110 623,470	24,146	23,685	99	75	930	213,040	523,581	2,458	1,997
							100	76	588	132,620	310,541	2,342	1,881

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	25	95 061	45 154,264	1 066 059,535	23,609	23,148
1							51	26	94 660	44 299,230	1 020 905,271	23,046	22,585
2							52	27	94 189	43 427,797	976 606,041	22,488	22,027
3							53	28	93 693	42 560,383	933 178,244	21,926	21,465
4							54	29	93 152	41 689,417	890 617,861	21,363	20,902
5							55	30	92 549	40 807,242	848 928,444	20,803	20,343
6							56	31	91 896	39 920,851	808 121,202	20,243	19,782
7							57	32	91 199	39 032,405	768 200,351	19,681	19,220
8							58	33	90 433	38 132,668	729 167,946	19,122	18,661
9							59	34	89 605	37 225,123	691 035,278	18,564	18,103
10							60	35	88 712	36 309,578	653 810,155	18,007	17,546
11							61	36	87 755	35 387,154	617 500,577	17,450	16,989
12							62	37	86 734	34 458,545	582 113,423	16,893	16,432
13							63	38	85 649	33 524,401	547 654,879	16,336	15,875
14							64	39	84 519	32 593,212	514 130,478	15,774	15,313
15							65	40	83 272	31 637,952	481 537,266	15,220	14,759
16							66	41	81 960	30 679,322	449 899,314	14,665	14,204
17							67	42	80 540	29 702,137	419 219,992	14,114	13,653
18							68	43	79 030	28 714,380	389 517,855	13,565	13,104
19							69	44	77 437	27 719,906	360 803,475	13,016	12,555
20							70	45	75 730	26 708,272	333 083,569	12,471	12,010
21							71	46	73 912	25 681,818	306 375,297	11,930	11,469
22							72	47	71 968	24 636,783	280 693,478	11,393	10,932
23							73	48	69 903	23 576,083	256 056,696	10,861	10,400
24							74	49	67 696	22 494,478	232 480,613	10,335	9,874
25	0	98 994	68 227,416	2 480 983,970	36,363	35,903	75	50	65 269	21 367,417	209 986,135	9,827	9,367
26	1	98 628	66 970,395	2 412 756,554	36,027	35,566	76	51	62 687	20 218,879	188 618,718	9,329	8,868
27	2	98 545	65 924,941	2 345 786,159	35,583	35,122	77	52	59 931	19 044,338	168 399,839	8,843	8,382
28	3	98 468	64 899,902	2 279 861,218	35,129	34,668	78	53	56 973	17 836,706	149 355,501	8,373	7,913
29	4	98 397	63 895,227	2 214 961,316	34,666	34,205	79	54	53 801	16 594,852	131 518,795	7,925	7,464
30	5	98 321	62 902,069	2 151 066,089	34,197	33,736	80	55	50 473	15 338,262	114 923,943	7,493	7,032
31	6	98 248	61 926,566	2 088 164,020	33,720	33,259	81	56	47 022	14 078,478	99 585,681	7,074	6,613
32	7	98 169	60 962,539	2 026 237,453	33,237	32,777	82	57	43 432	12 811,409	85 507,203	6,674	6,214
33	8	98 089	60 012,312	1 965 274,915	32,748	32,287	83	58	39 784	11 561,775	72 695,794	6,288	5,827
34	9	98 007	59 075,948	1 905 262,602	32,251	31,790	84	59	36 127	10 343,762	61 134,019	5,910	5,449
35	10	97 922	58 152,727	1 846 186,655	31,747	31,286	85	60	32 425	9 146,843	50 790,257	5,553	5,092
36	11	97 833	57 241,138	1 788 033,928	31,237	30,776	86	61	28 747	7 989,397	41 643,413	5,212	4,752
37	12	97 739	56 341,029	1 730 792,790	30,720	30,259	87	62	25 126	6 879,821	33 654,017	4,892	4,431
38	13	97 638	55 451,268	1 674 451,761	30,197	29,736	88	63	21 591	5 824,452	26 774,196	4,597	4,136
39	14	97 522	54 566,852	1 619 000,494	29,670	29,209	89	64	18 265	4 854,392	20 949,744	4,316	3,855
40	15	97 400	53 692,909	1 564 433,642	29,137	28,676	90	65	15 098	3 953,399	16 095,352	4,071	3,610
41	16	97 263	52 824,909	1 510 740,733	28,599	28,138	91	66	12 344	3 184,408	12 141,953	3,813	3,352
42	17	97 115	51 964,973	1 457 915,823	28,056	27,595	92	67	9 793	2 488,968	8 957,544	3,599	3,138
43	18	96 951	51 110,514	1 405 950,851	27,508	27,047	93	68	7 604	1 904,103	6 468,576	3,397	2,936
44	19	96 756	50 253,911	1 354 840,337	26,960	26,499	94	69	5 763	1 421,806	4 564,474	3,210	2,750
45	20	96 543	49 402,538	1 304 586,426	26,407	25,946	95	70	4 256	1 034,525	3 142,668	3,038	2,577
46	21	96 308	48 553,862	1 255 183,888	25,851	25,391	96	71	3 059	732,452	2 108,143	2,878	2,417
47	22	96 050	47 708,006	1 206 630,027	25,292	24,831	97	72	2 135	503,785	1 375,691	2,731	2,270
48	23	95 751	46 856,765	1 158 922,020	24,733	24,272	98	73	1 446	336,057	871,906	2,595	2,134
49	24	95 422	46 005,721	1 112 065,255	24,172	23,712	99	74	948	217,079	535,849	2,468	2,008
							100	75	601	135,528	318,770	2,352	1,891

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	4 119 837,916	41,198	40,737	50	50	93 336	39 203,613	807 963,159	20,609	20,148
1	1	99 299	97 591,321	4 019 837,916	41,191	40,729	51	51	92 757	38 290,662	768 759,546	20,077	19,616
2	2	99 240	95 856,153	3 922 246,595	40,918	40,457	52	52	92 093	37 362,419	730 468,885	19,551	19,090
3	3	99 207	94 175,711	3 826 390,443	40,630	40,169	53	53	91 380	36 435,697	693 106,466	19,023	18,562
4	4	99 182	92 532,771	3 732 214,731	40,334	39,873	54	54	90 602	35 504,315	656 670,769	18,496	18,034
5	5	99 157	90 918,384	3 639 681,961	40,032	39,571	55	55	89 754	34 566,919	621 166,454	17,970	17,509
6	6	99 136	89 335,993	3 548 763,576	39,724	39,263	56	56	88 831	33 622,985	586 599,535	17,446	16,985
7	7	99 117	87 782,580	3 459 427,583	39,409	38,948	57	57	87 851	32 680,091	552 976,550	16,921	16,460
8	8	99 101	86 258,294	3 371 645,003	39,088	38,627	58	58	86 796	31 732,302	520 296,459	16,396	15,935
9	9	99 085	84 761,432	3 285 386,710	38,760	38,299	59	59	85 653	30 775,880	488 564,158	15,875	15,414
10	10	99 070	83 291,330	3 200 625,278	38,427	37,966	60	60	84 435	29 816,460	457 788,277	15,354	14,892
11	11	99 055	81 845,076	3 117 333,948	38,088	37,627	61	61	83 107	28 842,840	427 971,818	14,838	14,377
12	12	99 038	80 424,676	3 035 488,272	37,743	37,282	62	62	81 707	27 869,194	399 128,978	14,322	13,860
13	13	99 019	79 026,293	2 955 063,596	37,393	36,932	63	63	80 218	26 890,812	371 259,784	13,806	13,345
14	14	98 999	77 651,549	2 876 037,303	37,038	36,577	64	64	78 670	25 918,353	344 368,972	13,287	12,825
15	15	98 974	76 296,294	2 798 385,754	36,678	36,217	65	65	76 991	24 928,953	318 450,619	12,774	12,313
16	16	98 944	74 961,293	2 722 089,460	36,313	35,852	66	66	75 240	23 942,791	293 521,666	12,259	11,798
17	17	98 903	73 641,566	2 647 128,168	35,946	35,485	67	67	73 362	22 943,809	269 578,876	11,750	11,288
18	18	98 853	72 338,874	2 573 486,601	35,575	35,114	68	68	71 392	21 943,772	246 635,067	11,239	10,778
19	19	98 783	71 044,255	2 501 147,727	35,205	34,744	69	69	69 345	20 947,985	224 691,295	10,726	10,265
20	20	98 714	69 773,829	2 430 103,472	34,828	34,367	70	70	67 172	19 942,447	203 743,310	10,217	9,755
21	21	98 639	68 521,688	2 360 329,643	34,446	33,985	71	71	64 881	18 930,944	183 800,863	9,709	9,248
22	22	98 566	67 292,703	2 291 807,955	34,057	33,596	72	72	62 449	17 907,943	164 869,919	9,207	8,745
23	23	98 491	66 085,364	2 224 515,252	33,661	33,200	73	73	59 876	16 874,936	146 961,976	8,709	8,248
24	24	98 417	64 899,968	2 158 429,888	33,258	32,797	74	74	57 144	15 828,018	130 087,040	8,219	7,758
25	25	98 342	63 735,175	2 093 529,920	32,847	32,386	75	75	54 182	14 749,304	114 259,022	7,747	7,286
26	26	98 266	62 590,808	2 029 794,745	32,430	31,968	76	76	51 034	13 653,548	99 509,719	7,288	6,827
27	27	98 186	61 464,016	1 967 203,937	32,006	31,545	77	77	47 712	12 545,279	85 856,171	6,844	6,382
28	28	98 098	60 352,442	1 905 739,921	31,577	31,116	78	78	44 221	11 427,319	73 310,892	6,415	5,954
29	29	98 014	59 263,807	1 845 387,479	31,139	30,677	79	79	40 542	10 296,441	61 883,573	6,010	5,549
30	30	97 921	58 189,526	1 786 123,672	30,695	30,234	80	80	36 771	9 178,017	51 587,131	5,621	5,160
31	31	97 831	57 135,952	1 727 934,147	30,243	29,781	81	81	32 943	8 081,153	42 409,114	5,248	4,787
32	32	97 732	56 096,243	1 670 798,194	29,784	29,323	82	82	29 089	7 013,120	34 327,961	4,895	4,434
33	33	97 625	55 071,388	1 614 701,951	29,320	28,859	83	83	25 277	5 989,288	27 314,841	4,561	4,099
34	34	97 515	54 063,125	1 559 630,564	28,848	28,387	84	84	21 610	5 032,161	21 325,553	4,238	3,777
35	35	97 396	53 068,596	1 505 567,439	28,370	27,909	85	85	18 078	4 137,468	16 293,392	3,938	3,477
36	36	97 276	52 091,330	1 452 498,843	27,884	27,422	86	86	14 781	3 324,616	12 155,924	3,656	3,195
37	37	97 144	51 126,007	1 400 407,513	27,391	26,930	87	87	11 769	2 601,720	8 831,308	3,394	2,933
38	38	97 000	50 172,222	1 349 281,506	26,893	26,432	88	88	9 075	1 971,701	6 229,587	3,159	2,698
39	39	96 839	49 227,688	1 299 109,284	26,390	25,929	89	89	6 784	1 448,575	4 257,886	2,939	2,478
40	40	96 664	48 293,509	1 249 881,596	25,881	25,420	90	90	4 850	1 017,756	2 809,311	2,760	2,299
41	41	96 472	47 368,544	1 201 588,086	25,367	24,906	91	91	3 378	696,627	1 791,554	2,572	2,111
42	42	96 263	46 452,834	1 154 219,542	24,847	24,386	92	92	2 223	450,496	1 094,927	2,430	1,969
43	43	96 030	45 543,494	1 107 766,709	24,323	23,862	93	93	1 412	281,305	644,431	2,291	1,830
44	44	95 760	44 634,624	1 062 223,215	23,798	23,337	94	94	857	167,738	363,126	2,165	1,704
45	45	95 463	43 730,510	1 017 588,591	23,270	22,808	95	95	495	95,260	195,387	2,051	1,590
46	46	95 130	42 828,764	973 858,081	22,738	22,277	96	96	272	51,388	100,128	1,948	1,487
47	47	94 761	41 928,870	931 029,317	22,205	21,744	97	97	141	26,263	48,739	1,856	1,395
48	48	94 333	41 021,595	889 100,447	21,674	21,213	98	98	69	12,683	22,476	1,772	1,311
49	49	93 864	40 115,693	848 078,852	21,141	20,680	99	99	32	5,772	9,793	1,696	1,235
							100	100	14	2,469	4,020	1,628	1,167

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	1	99 685	99 684,731	4 108 471,312	41,215	40,753
1	2	99 273	97 565,560	4 008 786,580	41,088	40,627
2	3	99 226	95 841,876	3 911 221,020	40,809	40,348
3	4	99 196	94 165,189	3 815 379,144	40,518	40,057
4	5	99 170	92 521,743	3 721 213,956	40,220	39,759
5	6	99 147	90 909,195	3 628 692,213	39,916	39,454
6	7	99 128	89 328,213	3 537 783,018	39,604	39,143
7	8	99 109	87 775,046	3 448 454,805	39,287	38,826
8	9	99 093	86 251,941	3 360 679,759	38,964	38,502
9	10	99 078	84 755,584	3 274 427,818	38,634	38,173
10	11	99 063	83 285,419	3 189 672,234	38,298	37,837
11	12	99 047	81 839,131	3 106 386,815	37,957	37,496
12	13	99 030	80 418,202	3 024 547,684	37,610	37,149
13	14	99 010	79 019,214	2 944 129,482	37,258	36,797
14	15	98 989	77 643,133	2 865 110,268	36,901	36,440
15	16	98 961	76 286,696	2 787 467,135	36,539	36,078
16	17	98 928	74 949,758	2 711 180,439	36,173	35,712
17	18	98 887	73 629,749	2 636 230,681	35,804	35,343
18	19	98 831	72 322,351	2 562 600,932	35,433	34,972
19	20	98 763	71 029,582	2 490 278,581	35,060	34,599
20	21	98 693	69 758,340	2 419 248,999	34,680	34,219
21	22	98 619	68 507,347	2 349 490,659	34,295	33,834
22	23	98 543	67 277,607	2 280 983,312	33,904	33,443
23	24	98 469	66 070,258	2 213 705,705	33,505	33,044
24	25	98 397	64 886,849	2 147 635,447	33,098	32,637
25	26	98 321	63 721,155	2 082 748,598	32,685	32,224
26	27	98 243	62 575,995	2 019 027,443	32,265	31,804
27	28	98 160	61 447,504	1 956 451,448	31,839	31,378
28	29	98 073	60 337,181	1 895 003,944	31,407	30,946
29	30	97 986	59 246,803	1 834 666,764	30,967	30,505
30	31	97 894	58 173,056	1 775 419,961	30,520	30,058
31	32	97 801	57 118,696	1 717 246,905	30,065	29,603
32	33	97 697	56 076,359	1 660 128,209	29,605	29,144
33	34	97 589	55 051,251	1 604 051,850	29,137	28,676
34	35	97 474	54 040,160	1 549 000,599	28,664	28,203
35	36	97 358	53 047,488	1 494 960,439	28,182	27,720
36	37	97 230	52 066,575	1 441 912,951	27,694	27,232
37	38	97 092	51 098,722	1 389 846,376	27,199	26,738
38	39	96 946	50 144,290	1 338 747,654	26,698	26,237
39	40	96 775	49 195,122	1 288 603,363	26,194	25,733
40	41	96 596	48 259,403	1 239 408,242	25,682	25,221
41	42	96 395	47 330,578	1 191 148,838	25,167	24,705
42	43	96 177	46 411,486	1 143 818,260	24,645	24,184
43	44	95 932	45 496,860	1 097 406,774	24,120	23,659
44	45	95 653	44 584,492	1 051 909,914	23,594	23,132
45	46	95 341	43 675,006	1 007 325,422	23,064	22,603
46	47	94 996	42 768,413	963 650,416	22,532	22,071
47	48	94 606	41 860,311	920 882,002	21,999	21,538
48	49	94 166	40 949,052	879 021,691	21,466	21,005
49	50	93 671	40 033,149	838 072,639	20,934	20,473
50	51	93 130	39 117,247	798 039,491	20,401	19,940
51	52	92 530	38 196,972	758 922,243	19,869	19,407
52	53	91 840	37 259,845	720 725,271	19,343	18,882
53	54	91 105	36 326,151	683 465,426	18,815	18,353
54	55	90 313	35 391,013	647 139,275	18,285	17,824
55	56	89 436	34 444,443	611 748,262	17,760	17,299
56	57	88 496	33 496,153	577 303,819	17,235	16,774
57	58	87 500	32 549,482	543 807,666	16,707	16,246
58	59	86 413	31 592,289	511 258,184	16,183	15,722
59	60	85 248	30 630,556	479 665,895	15,660	15,199
60	61	83 980	29 655,768	449 035,339	15,142	14,680
61	62	82 629	28 677,088	419 379,571	14,624	14,163
62	63	81 191	27 693,405	390 702,483	14,108	13,647
63	64	79 678	26 709,625	363 009,078	13,591	13,130
64	65	78 092	25 727,868	336 299,452	13,071	12,610
65	66	76 390	24 734,261	310 571,584	12,556	12,095
66	67	74 596	23 737,978	285 837,323	12,041	11,580
67	68	72 692	22 734,279	262 099,345	11,529	11,068
68	69	70 699	21 730,684	239 365,066	11,015	10,554
69	70	68 609	20 725,486	217 634,382	10,501	10,040
70	71	66 392	19 711,020	196 908,896	9,990	9,529
71	72	64 045	18 687,166	177 197,876	9,482	9,021
72	73	61 545	17 648,677	158 510,710	8,981	8,520
73	74	58 903	16 600,529	140 862,033	8,485	8,024
74	75	56 081	15 533,497	124 261,504	8,000	7,538
75	76	53 019	14 432,814	108 728,007	7,533	7,072
76	77	49 784	13 319,134	94 295,193	7,080	6,618
77	78	46 390	12 197,478	80 976,059	6,639	6,178
78	79	42 803	11 060,865	68 778,581	6,218	5,757
79	80	39 070	9 922,619	57 717,716	5,817	5,356
80	81	35 235	8 794,692	47 795,096	5,435	4,973
81	82	31 375	7 696,568	39 000,404	5,067	4,606
82	83	27 485	6 626,387	31 303,836	4,724	4,263
83	84	23 692	5 613,690	24 677,450	4,396	3,935
84	85	20 047	4 668,257	19 063,760	4,084	3,622
85	86	16 582	3 795,074	14 395,503	3,793	3,332
86	87	13 388	3 011,362	10 600,429	3,520	3,059
87	88	10 495	2 319,976	7 589,068	3,271	2,810
88	89	7 966	1 730,588	5 269,092	3,045	2,583
89	90	5 824	1 243,577	3 538,504	2,845	2,384
90	91	4 099	860,212	2 294,927	2,668	2,207
91	92	2 778	572,846	1 434,714	2,505	2,043
92	93	1 802	365,251	861,869	2,360	1,898
93	94	1 119	223,004	496,618	2,227	1,766
94	95	663	129,849	273,614	2,107	1,646
95	96	374	71,916	143,765	1,999	1,538
96	97	200	37,786	71,849	1,901	1,440
97	98	101	18,784	34,063	1,813	1,352
98	99	48	8,812	15,279	1,734	1,273
99	100	22	3,891	6,467	1,662	1,201

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	2	99 658	99 658,418	4 096 603,958	41,106	40,645	50	52	92 902	39 021,536	787 409,366	20,179	19,718
1	3	99 258	97 551,029	3 996 945,539	40,973	40,512	51	53	92 276	38 092,107	748 387,830	19,647	19,186
2	4	99 215	95 831,167	3 899 394,511	40,690	40,229	52	54	91 564	37 147,822	710 295,723	19,121	18,660
3	5	99 184	94 153,966	3 803 563,344	40,397	39,936	53	55	90 815	36 210,227	673 147,901	18,590	18,129
4	6	99 160	92 512,391	3 709 409,378	40,096	39,635	54	56	89 993	35 265,617	636 937,675	18,061	17,600
5	7	99 138	90 901,278	3 616 896,987	39,789	39,328	55	57	89 099	34 314,511	601 672,058	17,534	17,073
6	8	99 119	89 320,546	3 525 995,709	39,476	39,015	56	58	88 142	33 362,283	567 357,547	17,006	16,545
7	9	99 101	87 768,582	3 436 675,163	39,156	38,695	57	59	87 113	32 405,864	533 995,264	16,478	16,017
8	10	99 086	86 245,991	3 348 906,581	38,830	38,369	58	60	86 005	31 443,109	501 589,400	15,952	15,491
9	11	99 071	84 749,569	3 262 660,590	38,498	38,036	59	61	84 789	30 465,477	470 146,290	15,432	14,971
10	12	99 055	83 278,759	3 177 911,021	38,160	37,699	60	62	83 497	29 485,345	439 680,813	14,912	14,451
11	13	99 039	81 832,543	3 094 632,262	37,817	37,355	61	63	82 108	28 496,204	410 195,468	14,395	13,934
12	14	99 021	80 410,999	3 012 799,719	37,468	37,006	62	64	80 644	27 506,811	381 699,265	13,877	13,415
13	15	99 000	79 010,649	2 932 388,720	37,114	36,653	63	65	79 092	26 513,325	354 192,454	13,359	12,898
14	16	98 976	77 633,366	2 853 378,071	36,755	36,293	64	66	77 482	25 526,937	327 679,128	12,837	12,375
15	17	98 946	76 274,958	2 775 744,705	36,391	35,930	65	67	75 736	24 522,677	302 152,192	12,321	11,860
16	18	98 913	74 937,731	2 699 469,748	36,023	35,562	66	68	73 915	23 521,195	277 629,514	11,803	11,342
17	19	98 864	73 612,931	2 624 532,017	35,653	35,192	67	69	71 986	22 513,515	254 108,319	11,287	10,826
18	20	98 810	72 307,414	2 550 919,086	35,279	34,818	68	70	69 948	21 499,871	231 594,804	10,772	10,311
19	21	98 741	71 013,814	2 478 611,672	34,903	34,442	69	71	67 813	20 484,972	210 094,933	10,256	9,795
20	22	98 672	69 743,740	2 407 597,858	34,521	34,059	70	72	65 537	19 457,197	189 609,960	9,745	9,284
21	23	98 597	68 491,979	2 337 854,118	34,133	33,672	71	73	63 118	18 416,619	170 152,763	9,239	8,778
22	24	98 521	67 262,229	2 269 362,139	33,739	33,278	72	74	60 544	17 361,688	151 736,144	8,740	8,279
23	25	98 449	66 056,903	2 202 099,910	33,336	32,875	73	75	57 807	16 291,634	134 374,456	8,248	7,787
24	26	98 376	64 872,575	2 136 043,007	32,927	32,466	74	76	54 878	15 200,181	118 082,822	7,769	7,307
25	27	98 297	63 706,074	2 071 170,432	32,511	32,050	75	77	51 721	14 079,314	102 882,641	7,307	6,846
26	28	98 217	62 559,184	2 007 464,358	32,089	31,628	76	78	48 404	12 949,878	88 803,327	6,857	6,396
27	29	98 135	61 431,965	1 944 905,174	31,659	31,198	77	79	44 902	11 806,326	75 853,449	6,425	5,964
28	30	98 045	60 319,869	1 883 473,209	31,225	30,764	78	80	41 249	10 659,290	64 047,123	6,009	5,547
29	31	97 958	59 230,034	1 823 153,340	30,781	30,320	79	81	37 438	9 508,195	53 387,833	5,615	5,154
30	32	97 864	58 155,486	1 763 923,306	30,331	29,870	80	82	33 558	8 376,150	43 879,638	5,239	4,777
31	33	97 767	57 098,449	1 705 767,820	29,874	29,413	81	83	29 645	7 272,146	35 503,488	4,882	4,421
32	34	97 661	56 055,855	1 648 669,371	29,411	28,950	82	84	25 762	6 210,835	28 231,342	4,545	4,084
33	35	97 548	55 027,867	1 592 613,515	28,942	28,481	83	85	21 979	5 207,732	22 020,507	4,228	3,767
34	36	97 435	54 018,665	1 537 585,648	28,464	28,003	84	86	18 388	4 281,937	16 812,774	3,926	3,465
35	37	97 311	53 022,279	1 483 566,983	27,980	27,519	85	87	15 020	3 437,492	12 530,838	3,645	3,184
36	38	97 178	52 038,788	1 430 544,704	27,490	27,029	86	88	11 938	2 685,256	9 093,346	3,386	2,925
37	39	97 038	51 070,275	1 378 505,916	26,992	26,531	87	89	9 211	2 036,273	6 408,090	3,147	2,686
38	40	96 882	50 111,117	1 327 435,641	26,490	26,029	88	90	6 838	1 485,680	4 371,817	2,943	2,481
39	41	96 707	49 160,379	1 277 324,524	25,983	25,522	89	91	4 923	1 051,077	2 886,137	2,746	2,285
40	42	96 518	48 220,724	1 228 164,145	25,470	25,008	90	92	3 371	707,364	1 835,060	2,594	2,133
41	43	96 309	47 288,450	1 179 943,422	24,952	24,491	91	93	2 252	464,449	1 127,695	2,428	1,967
42	44	96 078	46 363,964	1 132 654,972	24,430	23,968	92	94	1 429	289,551	663,247	2,291	1,829
43	45	95 824	45 445,760	1 086 291,008	23,903	23,442	93	95	867	172,631	373,695	2,165	1,703
44	46	95 532	44 527,904	1 040 845,248	23,375	22,914	94	96	501	98,029	201,064	2,051	1,590
45	47	95 207	43 613,463	996 317,344	22,844	22,383	95	97	275	52,879	103,035	1,948	1,487
46	48	94 841	42 698,482	952 703,881	22,312	21,851	96	98	143	27,025	50,156	1,856	1,395
47	49	94 439	41 786,284	910 005,399	21,778	21,316	97	99	70	13,052	23,130	1,772	1,311
48	50	93 973	40 864,793	868 219,114	21,246	20,785	98	100	33	5,940	10,079	1,697	1,235
49	51	93 465	39 944,956	827 354,322	20,712	20,251							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	3	99 644	99 643,575	4 083 918,539	40,985	40,524	50	53	92 647	38 914,407	776 055,542	19,943	19,481
1	4	99 247	97 540,129	3 984 274,964	40,848	40,386	51	54	91 999	37 977,582	737 141,135	19,410	18,949
2	5	99 203	95 819,746	3 886 734,835	40,563	40,102	52	55	91 271	37 029,275	699 163,554	18,881	18,420
3	6	99 174	94 144,449	3 790 915,089	40,267	39,806	53	56	90 493	36 081,928	662 134,279	18,351	17,890
4	7	99 152	92 504,334	3 696 770,639	39,963	39,502	54	57	89 654	35 132,588	626 052,351	17,820	17,359
5	8	99 130	90 893,476	3 604 266,305	39,654	39,193	55	58	88 742	34 177,371	590 919,763	17,290	16,829
6	9	99 112	89 313,968	3 513 372,829	39,337	38,876	56	59	87 753	33 215,078	556 742,392	16,762	16,301
7	10	99 095	87 762,527	3 424 058,861	39,015	38,554	57	60	86 702	32 252,843	523 527,314	16,232	15,771
8	11	99 079	86 239,870	3 336 296,334	38,686	38,225	58	61	85 541	31 273,651	491 274,471	15,709	15,248
9	12	99 063	84 742,792	3 250 056,464	38,352	37,891	59	62	84 302	30 290,401	460 000,820	15,186	14,725
10	13	99 047	83 272,055	3 165 313,672	38,012	37,551	60	63	82 970	29 299,362	429 710,419	14,666	14,205
11	14	99 030	81 825,213	3 082 041,617	37,666	37,205	61	64	81 555	28 304,200	400 411,057	14,147	13,685
12	15	99 011	80 402,283	3 000 216,404	37,315	36,854	62	65	80 052	27 304,652	372 106,857	13,628	13,167
13	16	98 987	79 000,710	2 919 814,121	36,959	36,498	63	66	78 474	26 306,260	344 802,205	13,107	12,646
14	17	98 961	77 621,420	2 840 813,411	36,598	36,137	64	67	76 819	25 308,573	318 495,945	12,585	12,123
15	18	98 930	76 262,718	2 763 191,991	36,233	35,771	65	68	75 045	24 298,729	293 187,372	12,066	11,605
16	19	98 890	74 920,614	2 686 929,273	35,864	35,402	66	69	73 197	23 292,790	268 888,644	11,544	11,083
17	20	98 844	73 597,727	2 612 008,659	35,490	35,029	67	70	71 222	22 274,387	245 595,854	11,026	10,565
18	21	98 788	72 291,362	2 538 410,932	35,114	34,652	68	71	69 136	21 250,371	223 321,467	10,509	10,048
19	22	98 720	70 998,952	2 466 119,569	34,735	34,273	69	72	66 939	20 221,184	202 071,096	9,993	9,532
20	23	98 650	69 728,094	2 395 120,618	34,349	33,888	70	73	64 589	19 175,502	181 849,912	9,483	9,022
21	24	98 574	68 476,323	2 325 392,524	33,959	33,498	71	74	62 092	18 117,143	162 674,410	8,979	8,518
22	25	98 501	67 248,633	2 256 916,200	33,561	33,100	72	75	59 417	17 038,630	144 557,268	8,484	8,023
23	26	98 427	66 042,372	2 189 667,567	33,155	32,694	73	76	56 566	15 942,049	127 518,638	7,999	7,538
24	27	98 352	64 857,222	2 123 625,196	32,743	32,282	74	77	53 534	14 827,886	111 576,589	7,525	7,064
25	28	98 271	63 688,960	2 058 767,974	32,325	31,864	75	78	50 287	13 688,983	96 748,703	7,068	6,606
26	29	98 192	62 543,365	1 995 079,014	31,899	31,438	76	79	46 852	12 534,598	83 059,720	6,626	6,165
27	30	98 107	61 414,339	1 932 535,650	31,467	31,006	77	80	43 272	11 377,686	70 525,122	6,199	5,737
28	31	98 017	60 302,796	1 871 121,310	31,029	30,568	78	81	39 526	10 214,099	59 147,436	5,791	5,330
29	32	97 928	59 212,145	1 810 818,514	30,582	30,121	79	82	35 657	9 055,697	48 933,337	5,404	4,942
30	33	97 829	58 134,872	1 751 606,369	30,130	29,669	80	83	31 708	7 914,253	39 877,640	5,039	4,578
31	34	97 731	57 077,572	1 693 471,497	29,670	29,208	81	84	27 786	6 816,098	31 963,387	4,689	4,228
32	35	97 620	56 032,044	1 636 393,926	29,205	28,743	82	85	23 899	5 761,694	25 147,289	4,365	3,903
33	36	97 509	55 005,979	1 580 361,882	28,731	28,270	83	86	20 160	4 776,768	19 385,595	4,058	3,597
34	37	97 388	53 992,995	1 525 355,902	28,251	27,790	84	87	16 655	3 878,481	14 608,826	3,767	3,305
35	38	97 259	52 993,982	1 471 362,907	27,765	27,304	85	88	13 393	3 065,240	10 730,345	3,501	3,039
36	39	97 124	52 009,817	1 418 368,926	27,271	26,810	86	89	10 478	2 356,884	7 665,105	3,252	2,791
37	40	96 974	51 036,489	1 366 359,108	26,772	26,311	87	90	7 908	1 748,106	5 308,221	3,037	2,575
38	41	96 813	50 075,727	1 315 322,619	26,267	25,805	88	91	5 780	1 255,703	3 560,115	2,835	2,374
39	42	96 629	49 120,977	1 265 246,892	25,758	25,297	89	92	4 048	864,315	2 304,412	2,666	2,205
40	43	96 433	48 177,803	1 216 125,915	25,242	24,781	90	93	2 733	573,512	1 440,097	2,511	2,050
41	44	96 210	47 240,030	1 167 948,112	24,724	24,262	91	94	1 785	368,190	866,585	2,354	1,892
42	45	95 971	46 311,890	1 120 708,082	24,199	23,738	92	95	1 106	224,147	498,394	2,224	1,762
43	46	95 702	45 388,079	1 074 396,192	23,671	23,210	93	96	654	130,327	274,247	2,104	1,643
44	47	95 397	44 465,159	1 029 008,113	23,142	22,681	94	97	368	72,080	143,920	1,997	1,535
45	48	95 051	43 542,150	984 542,954	22,611	22,150	95	98	197	37,821	71,840	1,899	1,438
46	49	94 673	42 622,973	941 000,804	22,077	21,616	96	99	99	18,777	34,019	1,812	1,350
47	50	94 245	41 700,303	898 377,831	21,544	21,082	97	100	47	8,798	15,242	1,732	1,271
48	51	93 766	40 774,768	856 677,529	21,010	20,549							
49	52	93 236	39 847,218	815 902,761	20,476	20,015							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	4	99 632	99 632,441	4 070 378,449	40,854	40,393	50	54	92 368	38 797,409	763 966,559	19,691	19,230
1	5	99 235	97 528,504	3 970 746,008	40,714	40,252	51	55	91 705	37 856,387	725 169,149	19,156	18,695
2	6	99 193	95 810,061	3 873 217,504	40,426	39,965	52	56	90 948	36 898,074	687 312,763	18,627	18,166
3	7	99 165	94 136,251	3 777 407,443	40,127	39,666	53	57	90 151	35 945,819	650 414,689	18,094	17,633
4	8	99 143	92 496,395	3 683 271,192	39,821	39,359	54	58	89 295	34 992,178	614 468,869	17,560	17,099
5	9	99 123	90 886,782	3 590 774,797	39,508	39,047	55	59	88 351	34 026,570	579 476,691	17,030	16,569
6	10	99 105	89 307,807	3 499 888,015	39,189	38,728	56	60	87 339	33 058,236	545 450,121	16,500	16,038
7	11	99 088	87 756,298	3 410 580,208	38,864	38,403	57	61	86 235	32 079,021	512 391,885	15,973	15,512
8	12	99 071	86 232,974	3 322 823,910	38,533	38,072	58	62	85 050	31 093,931	480 312,865	15,447	14,986
9	13	99 055	84 735,970	3 236 590,936	38,196	37,735	59	63	83 770	30 099,340	449 218,934	14,925	14,463
10	14	99 039	83 264,595	3 151 854,966	37,853	37,392	60	64	82 411	29 101,947	419 119,594	14,402	13,941
11	15	99 019	81 816,344	3 068 590,370	37,506	37,045	61	65	80 956	28 096,181	390 017,647	13,882	13,420
12	16	98 998	80 392,169	2 986 774,026	37,153	36,691	62	66	79 427	27 091,406	361 921,466	13,359	12,898
13	17	98 972	78 988,554	2 906 381,857	36,795	36,334	63	67	77 803	26 081,229	334 830,060	12,838	12,377
14	18	98 945	77 608,964	2 827 393,302	36,431	35,970	64	68	76 118	25 077,447	308 748,831	12,312	11,851
15	19	98 908	76 245,299	2 749 784,338	36,065	35,604	65	69	74 316	24 062,773	283 671,384	11,789	11,328
16	20	98 869	74 905,140	2 673 539,040	35,692	35,231	66	70	72 420	23 045,385	259 608,611	11,265	10,804
17	21	98 822	73 581,389	2 598 633,900	35,316	34,855	67	71	70 395	22 015,899	236 563,226	10,745	10,284
18	22	98 768	72 276,232	2 525 052,511	34,936	34,475	68	72	68 246	20 976,726	214 547,327	10,228	9,767
19	23	98 698	70 983,024	2 452 776,278	34,554	34,093	69	73	65 970	19 928,427	193 570,601	9,713	9,252
20	24	98 627	69 712,156	2 381 793,254	34,166	33,705	70	74	63 538	18 863,685	173 642,174	9,205	8,744
21	25	98 554	68 462,482	2 312 081,098	33,772	33,310	71	75	60 936	17 780,027	154 778,489	8,705	8,244
22	26	98 479	67 233,840	2 243 618,617	33,370	32,909	72	76	58 142	16 673,016	136 998,462	8,217	7,756
23	27	98 404	66 026,741	2 176 384,777	32,962	32,501	73	77	55 181	15 551,584	120 325,446	7,737	7,276
24	28	98 326	64 839,798	2 110 358,036	32,547	32,086	74	78	52 049	14 416,802	104 773,862	7,267	6,806
25	29	98 246	63 672,855	2 045 518,237	32,125	31,664	75	79	48 674	13 250,001	90 357,061	6,819	6,358
26	30	98 164	62 525,420	1 981 845,383	31,697	31,235	76	80	45 151	12 079,518	77 107,059	6,383	5,922
27	31	98 079	61 396,957	1 919 319,963	31,261	30,800	77	81	41 464	10 902,491	65 027,541	5,964	5,503
28	32	97 987	60 284,583	1 857 923,006	30,819	30,358	78	82	37 645	9 728,006	54 125,051	5,564	5,103
29	33	97 894	59 191,156	1 797 638,423	30,370	29,909	79	83	33 690	8 556,327	44 397,045	5,189	4,728
30	34	97 794	58 113,616	1 738 447,267	29,915	29,453	80	84	29 719	7 417,937	35 840,718	4,832	4,370
31	35	97 690	57 053,327	1 680 333,651	29,452	28,991	81	85	25 776	6 323,187	28 422,780	4,495	4,034
32	36	97 581	56 009,757	1 623 280,325	28,982	28,521	82	86	21 921	5 284,887	22 099,593	4,182	3,720
33	37	97 463	54 979,840	1 567 270,568	28,506	28,045	83	87	18 260	4 326,688	16 814,705	3,886	3,425
34	38	97 337	53 964,180	1 512 290,728	28,024	27,563	84	88	14 852	3 458,474	12 488,017	3,611	3,150
35	39	97 205	52 964,479	1 458 326,548	27,534	27,073	85	89	11 756	2 690,401	9 029,543	3,356	2,895
36	40	97 059	51 975,410	1 405 362,069	27,039	26,578	86	90	8 996	2 023,345	6 339,142	3,133	2,672
37	41	96 905	51 000,446	1 353 386,659	26,537	26,076	87	91	6 684	1 477,501	4 315,797	2,921	2,460
38	42	96 736	50 035,592	1 302 386,213	26,029	25,568	88	92	4 753	1 032,582	2 838,291	2,749	2,288
39	43	96 543	49 077,255	1 252 350,621	25,518	25,057	89	93	3 282	700,764	1 805,709	2,577	2,116
40	44	96 334	48 128,472	1 203 273,366	25,001	24,540	90	94	2 167	454,651	1 104,945	2,430	1,969
41	45	96 102	47 186,972	1 155 144,894	24,480	24,019	91	95	1 382	285,023	650,294	2,282	1,820
42	46	95 849	46 253,109	1 107 957,922	23,954	23,493	92	96	835	169,219	365,272	2,159	1,697
43	47	95 567	45 324,122	1 061 704,813	23,425	22,964	93	97	481	95,829	196,053	2,046	1,585
44	48	95 241	44 392,453	1 016 380,691	22,895	22,434	94	98	263	51,554	100,224	1,944	1,483
45	49	94 883	43 465,149	971 988,238	22,362	21,901	95	99	137	26,278	48,670	1,852	1,391
46	50	94 478	42 535,270	928 523,089	21,829	21,368	96	100	67	12,658	22,392	1,769	1,308
47	51	94 037	41 608,437	885 987,819	21,293	20,832							
48	52	93 536	40 675,000	844 379,382	20,759	20,298							
49	53	92 980	39 737,823	803 704,382	20,225	19,764							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 621	99 620,567	4 055 958,272	40,714	40,253	50	55	92 074	38 673,598	751 133,146	19,422	18,961
1	6	99 225	97 518,647	3 956 337,705	40,570	40,109	51	56	91 380	37 722,255	712 459,548	18,887	18,426
2	7	99 184	95 801,717	3 858 819,059	40,279	39,818	52	57	90 605	36 758,887	674 737,293	18,356	17,895
3	8	99 157	94 128,171	3 763 017,342	39,978	39,516	53	58	89 791	35 802,160	637 978,406	17,820	17,358
4	9	99 136	92 489,583	3 668 889,171	39,668	39,207	54	59	88 901	34 837,782	602 176,246	17,285	16,824
5	10	99 116	90 880,512	3 576 399,588	39,353	38,892	55	60	87 934	33 865,896	567 338,464	16,753	16,291
6	11	99 098	89 301,469	3 485 519,075	39,031	38,570	56	61	86 868	32 880,073	533 472,569	16,225	15,764
7	12	99 080	87 749,281	3 396 217,606	38,704	38,242	57	62	85 739	31 894,672	500 592,495	15,695	15,234
8	13	99 064	86 226,032	3 308 468,326	38,370	37,909	58	63	84 513	30 897,801	468 697,823	15,169	14,708
9	14	99 046	84 728,380	3 222 242,294	38,030	37,569	59	64	83 205	29 896,535	437 800,022	14,644	14,183
10	15	99 028	83 255,571	3 137 513,914	37,685	37,224	60	65	81 806	28 888,065	407 903,487	14,120	13,659
11	16	99 007	81 806,052	3 054 258,343	37,335	36,874	61	66	80 323	27 876,753	379 015,422	13,596	13,135
12	17	98 983	80 379,799	2 972 452,291	36,980	36,519	62	67	78 747	26 859,659	351 138,669	13,073	12,612
13	18	98 956	78 975,879	2 892 072,492	36,620	36,158	63	68	77 092	25 843,047	324 279,010	12,548	12,087
14	19	98 922	77 591,237	2 813 096,613	36,255	35,794	64	69	75 379	24 833,929	298 435,963	12,017	11,556
15	20	98 887	76 229,551	2 735 505,375	35,885	35,424	65	70	73 527	23 807,190	273 602,033	11,492	11,031
16	21	98 848	74 888,512	2 659 275,824	35,510	35,049	66	71	71 579	22 777,950	249 794,844	10,967	10,505
17	22	98 801	73 565,989	2 584 387,313	35,130	34,669	67	72	69 489	21 732,396	227 016,894	10,446	9,985
18	23	98 746	72 260,019	2 510 821,323	34,747	34,286	68	73	67 258	20 673,031	205 284,498	9,930	9,469
19	24	98 675	70 966,799	2 438 561,305	34,362	33,901	69	74	64 897	19 604,367	184 611,467	9,417	8,956
20	25	98 607	69 698,064	2 367 594,506	33,969	33,508	70	75	62 356	18 512,678	165 007,100	8,913	8,452
21	26	98 533	68 447,421	2 297 896,441	33,572	33,110	71	76	59 629	17 398,504	146 494,422	8,420	7,959
22	27	98 456	67 217,928	2 229 449,020	33,167	32,706	72	77	56 718	16 264,647	129 095,918	7,937	7,476
23	28	98 377	66 009,003	2 162 231,092	32,757	32,295	73	78	53 651	15 120,436	112 831,271	7,462	7,001
24	29	98 301	64 823,402	2 096 222,089	32,337	31,876	74	79	50 380	13 954,480	97 710,835	7,002	6,541
25	30	98 218	63 654,586	2 031 398,687	31,913	31,452	75	80	46 907	12 768,948	83 756,355	6,559	6,098
26	31	98 136	62 507,723	1 967 744,101	31,480	31,019	76	81	43 265	11 575,010	70 987,407	6,133	5,672
27	32	98 049	61 378,414	1 905 236,378	31,041	30,580	77	82	39 491	10 383,637	59 412,397	5,722	5,261
28	33	97 953	60 263,214	1 843 857,965	30,597	30,136	78	83	35 569	9 191,562	49 028,760	5,334	4,873
29	34	97 858	59 169,513	1 783 594,751	30,144	29,683	79	84	31 578	8 019,746	39 837,198	4,967	4,506
30	35	97 752	58 088,930	1 724 425,237	29,686	29,225	80	85	27 570	6 881,504	31 817,452	4,624	4,162
31	36	97 651	57 030,633	1 666 336,307	29,218	28,757	81	86	23 643	5 799,914	24 935,948	4,299	3,838
32	37	97 535	55 983,140	1 609 305,674	28,746	28,285	82	87	19 855	4 786,931	19 136,033	3,998	3,536
33	38	97 411	54 950,498	1 553 322,533	28,268	27,806	83	88	16 283	3 858,144	14 349,102	3,719	3,258
34	39	97 282	53 934,137	1 498 372,035	27,782	27,320	84	89	13 036	3 035,547	10 490,958	3,456	2,995
35	40	97 141	52 929,440	1 444 437,898	27,290	26,829	85	90	10 092	2 309,663	7 455,411	3,228	2,767
36	41	96 991	51 938,704	1 391 508,458	26,791	26,330	86	91	7 603	1 710,140	5 145,747	3,009	2,548
37	42	96 828	50 959,569	1 339 569,754	26,287	25,826	87	92	5 496	1 214,974	3 435,607	2,828	2,367
38	43	96 650	49 991,056	1 288 610,185	25,777	25,316	88	93	3 853	837,191	2 220,634	2,652	2,191
39	44	96 445	49 027,003	1 238 619,129	25,264	24,803	89	94	2 602	555,529	1 383,443	2,490	2,029
40	45	96 226	48 074,416	1 189 592,126	24,745	24,284	90	95	1 677	351,953	827,914	2,352	1,891
41	46	95 980	47 127,080	1 141 517,709	24,222	23,761	91	96	1 043	215,177	475,961	2,212	1,751
42	47	95 714	46 187,934	1 094 390,629	23,694	23,233	92	97	614	124,426	260,785	2,096	1,635
43	48	95 411	45 250,012	1 048 202,695	23,165	22,703	93	98	344	68,540	136,359	1,989	1,528
44	49	95 072	44 313,949	1 002 952,684	22,633	22,172	94	99	183	35,820	67,819	1,893	1,432
45	50	94 688	43 375,713	958 638,735	22,101	21,640	95	100	92	17,714	31,999	1,806	1,345
46	51	94 270	42 441,565	915 263,022	21,565	21,104							
47	52	93 807	41 506,630	872 821,458	21,028	20,567							
48	53	93 279	40 563,332	831 314,828	20,494	20,033							
49	54	92 701	39 618,350	790 751,496	19,959	19,498							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	6	99 610	99 610,498	4 040 640,717	40,564	40,103	50	56	91 747	38 536,571	737 546,802	19,139	18,678
1	7	99 217	97 510,154	3 941 030,219	40,417	39,955	51	57	91 036	37 579,959	699 010,231	18,601	18,139
2	8	99 176	95 793,495	3 843 520,065	40,123	39,662	52	58	90 243	36 611,978	661 430,271	18,066	17,605
3	9	99 150	94 121,239	3 747 726,570	39,818	39,357	53	59	89 395	35 644,189	624 818,294	17,529	17,068
4	10	99 129	92 483,203	3 653 605,331	39,506	39,044	54	60	88 482	34 673,277	589 174,104	16,992	16,531
5	11	99 109	90 874,062	3 561 122,129	39,187	38,726	55	61	87 460	33 683,380	554 500,828	16,462	16,001
6	12	99 090	89 294,328	3 470 248,066	38,863	38,402	56	62	86 369	32 691,121	520 817,447	15,931	15,470
7	13	99 072	87 742,217	3 380 953,738	38,533	38,072	57	63	85 198	31 693,492	488 126,326	15,401	14,940
8	14	99 055	86 218,308	3 293 211,522	38,196	37,735	58	64	83 944	30 689,616	456 432,834	14,873	14,411
9	15	99 036	84 719,197	3 206 993,213	37,854	37,393	59	65	82 594	29 676,813	425 743,218	14,346	13,885
10	16	99 015	83 245,098	3 122 274,017	37,507	37,046	60	66	81 167	28 662,453	396 066,405	13,818	13,357
11	17	98 991	81 793,465	3 039 028,919	37,155	36,694	61	67	79 636	27 638,288	367 403,952	13,293	12,832
12	18	98 967	80 366,900	2 957 235,454	36,797	36,335	62	68	78 028	26 614,368	339 765,664	12,766	12,305
13	19	98 933	78 957,840	2 876 868,554	36,436	35,974	63	69	76 344	25 592,095	313 151,296	12,236	11,775
14	20	98 902	77 575,212	2 797 910,714	36,067	35,606	64	70	74 578	24 570,155	287 559,201	11,704	11,242
15	21	98 865	76 212,629	2 720 335,502	35,694	35,233	65	71	72 673	23 530,914	262 989,045	11,176	10,715
16	22	98 827	74 872,838	2 644 122,874	35,315	34,854	66	72	70 657	22 484,634	239 458,131	10,650	10,189
17	23	98 779	73 549,486	2 569 250,035	34,932	34,471	67	73	68 483	21 417,761	216 973,498	10,131	9,669
18	24	98 723	72 243,501	2 495 700,549	34,546	34,084	68	74	66 164	20 336,863	195 555,737	9,616	9,155
19	25	98 656	70 952,454	2 423 457,048	34,156	33,695	69	75	63 690	19 239,578	175 218,874	9,107	8,646
20	26	98 586	69 682,732	2 352 504,594	33,760	33,299	70	76	61 018	18 115,434	155 979,297	8,610	8,149
21	27	98 509	68 431,222	2 282 821,861	33,359	32,898	71	77	58 168	16 972,366	137 863,862	8,123	7,662
22	28	98 430	67 199,870	2 214 390,639	32,952	32,491	72	78	55 146	15 813,731	120 891,496	7,645	7,184
23	29	98 352	65 992,312	2 147 190,770	32,537	32,076	73	79	51 930	14 635,550	105 077,766	7,180	6,718
24	30	98 273	64 804,803	2 081 198,458	32,115	31,654	74	80	48 551	13 447,800	90 442,215	6,725	6,264
25	31	98 190	63 636,569	2 016 393,655	31,686	31,225	75	81	44 948	12 235,645	76 994,366	6,293	5,831
26	32	98 106	62 488,844	1 952 757,086	31,250	30,788	76	82	41 206	11 024,151	64 758,721	5,874	5,413
27	33	98 015	61 356,657	1 890 268,242	30,808	30,347	77	83	37 313	9 811,039	53 734,570	5,477	5,016
28	34	97 917	60 241,180	1 828 911,585	30,360	29,899	78	84	33 339	8 615,145	43 923,531	5,098	4,637
29	35	97 816	59 144,380	1 768 670,405	29,904	29,443	79	85	29 294	7 439,792	35 308,386	4,746	4,285
30	36	97 713	58 065,825	1 709 526,026	29,441	28,980	80	86	25 288	6 312,028	27 868,594	4,415	3,954
31	37	97 604	57 003,532	1 651 460,200	28,971	28,510	81	87	21 416	5 253,431	21 556,566	4,103	3,642
32	38	97 483	55 953,263	1 594 456,669	28,496	28,035	82	88	17 705	4 268,547	16 303,135	3,819	3,358
33	39	97 357	54 919,906	1 538 503,406	28,014	27,552	83	89	14 292	3 386,343	12 034,589	3,554	3,093
34	40	97 218	53 898,457	1 483 583,500	27,526	27,064	84	90	11 191	2 605,966	8 648,246	3,319	2,857
35	41	97 072	52 892,060	1 429 685,043	27,030	26,569	85	91	8 530	1 952,138	6 042,280	3,095	2,634
36	42	96 913	51 897,075	1 376 792,983	26,529	26,068	86	92	6 252	1 406,271	4 090,142	2,909	2,447
37	43	96 741	50 914,211	1 324 895,907	26,022	25,561	87	93	4 456	985,069	2 683,871	2,725	2,263
38	44	96 551	49 939,868	1 273 981,696	25,510	25,049	88	94	3 055	663,681	1 698,802	2,560	2,098
39	45	96 336	48 971,938	1 224 041,828	24,995	24,534	89	95	2 014	430,045	1 035,121	2,407	1,946
40	46	96 103	48 013,399	1 175 069,890	24,474	24,013	90	96	1 266	265,705	605,077	2,277	1,816
41	47	95 845	47 060,673	1 127 056,491	23,949	23,488	91	97	767	158,218	339,371	2,145	1,684
42	48	95 557	46 112,411	1 079 995,818	23,421	22,960	92	98	439	88,993	181,153	2,036	1,574
43	49	95 242	45 169,990	1 033 883,407	22,889	22,428	93	99	239	47,622	92,160	1,935	1,474
44	50	94 877	44 222,766	988 713,417	22,358	21,896	94	100	123	24,146	44,538	1,845	1,383
45	51	94 480	43 280,156	944 490,651	21,823	21,362							
46	52	94 040	42 337,719	901 210,495	21,286	20,825							
47	53	93 549	41 392,679	858 872,776	20,749	20,288							
48	54	92 999	40 441,377	817 480,098	20,214	19,753							
49	55	92 405	39 491,919	777 038,721	19,676	19,215							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	7	99 602	99 601,823	4 024 409,527	40,405	39,944	50	57	91 401	38 391,203	723 209,348	18,838	18,377
1	8	99 208	97 501,785	3 924 807,704	40,254	39,792	51	58	90 672	37 429,769	684 818,145	18,296	17,835
2	9	99 168	95 786,440	3 827 305,920	39,957	39,495	52	59	89 845	36 450,434	647 388,376	17,761	17,300
3	10	99 143	94 114,746	3 731 519,480	39,649	39,187	53	60	88 973	35 475,877	610 937,942	17,221	16,760
4	11	99 122	92 476,639	3 637 404,734	39,333	38,872	54	61	88 005	34 486,410	575 462,065	16,687	16,225
5	12	99 101	90 866,795	3 544 928,094	39,012	38,551	55	62	86 957	33 489,812	540 975,655	16,153	15,692
6	13	99 082	89 287,140	3 454 061,299	38,685	38,224	56	63	85 824	32 484,917	507 485,843	15,622	15,161
7	14	99 063	87 734,357	3 364 774,160	38,352	37,891	57	64	84 624	31 479,945	475 000,926	15,089	14,628
8	15	99 044	86 208,963	3 277 039,802	38,013	37,552	58	65	83 327	30 464,066	443 520,980	14,559	14,098
9	16	99 023	84 708,540	3 190 830,839	37,668	37,207	59	66	81 949	29 445,041	413 056,915	14,028	13,567
10	17	99 000	83 232,289	3 106 122,299	37,319	36,858	60	67	80 472	28 417,267	383 611,874	13,499	13,038
11	18	98 975	81 780,339	3 022 890,010	36,964	36,502	61	68	78 909	27 385,887	355 194,607	12,970	12,509
12	19	98 944	80 348,544	2 941 109,671	36,604	36,143	62	69	77 270	26 355,926	327 808,720	12,438	11,977
13	20	98 913	78 941,532	2 860 761,128	36,239	35,778	63	70	75 533	25 320,268	301 452,794	11,906	11,444
14	21	98 880	77 557,991	2 781 819,596	35,868	35,406	64	71	73 713	24 285,026	276 132,526	11,370	10,909
15	22	98 844	76 196,678	2 704 261,605	35,491	35,029	65	72	71 738	23 227,902	251 847,500	10,842	10,381
16	23	98 805	74 856,042	2 628 064,927	35,108	34,647	66	73	69 634	22 159,107	228 619,599	10,317	9,856
17	24	98 756	73 532,674	2 553 208,885	34,722	34,261	67	74	67 369	21 069,482	206 460,491	9,799	9,338
18	25	98 703	72 228,898	2 479 676,210	34,331	33,870	68	75	64 933	19 958,444	185 391,009	9,289	8,828
19	26	98 634	70 936,846	2 407 447,312	33,938	33,477	69	76	62 323	18 826,736	165 432,566	8,787	8,326
20	27	98 562	69 666,241	2 336 510,466	33,539	33,077	70	77	59 524	17 671,736	146 605,829	8,296	7,835
21	28	98 483	68 412,838	2 266 844,226	33,135	32,674	71	78	56 556	16 501,829	128 934,093	7,813	7,352
22	29	98 405	67 182,877	2 198 431,387	32,723	32,262	72	79	53 377	15 306,612	112 432,264	7,345	6,884
23	30	98 324	65 973,377	2 131 248,511	32,305	31,843	73	80	50 045	14 104,193	97 125,652	6,886	6,425
24	31	98 245	64 786,461	2 065 275,134	31,878	31,417	74	81	46 523	12 886,252	83 021,459	6,443	5,981
25	32	98 160	63 617,349	2 000 488,672	31,446	30,984	75	82	42 809	11 653,346	70 135,266	6,018	5,557
26	33	98 072	62 466,693	1 936 871,323	31,006	30,545	76	83	38 934	10 416,232	58 481,920	5,614	5,153
27	34	97 979	61 334,222	1 874 404,630	30,561	30,099	77	84	34 973	9 195,773	48 065,688	5,227	4,766
28	35	97 875	60 215,591	1 813 070,407	30,110	29,648	78	85	30 928	7 992,134	38 869,915	4,864	4,402
29	36	97 777	59 120,855	1 752 854,816	29,649	29,187	79	86	26 870	6 824,115	30 877,781	4,525	4,064
30	37	97 667	58 038,232	1 693 733,962	29,183	28,722	80	87	22 906	5 717,291	24 053,666	4,207	3,746
31	38	97 552	56 973,110	1 635 695,730	28,710	28,249	81	88	19 096	4 684,528	18 336,374	3,914	3,453
32	39	97 428	55 922,113	1 578 722,620	28,231	27,770	82	89	15 540	3 746,558	13 651,846	3,644	3,183
33	40	97 292	54 883,574	1 522 800,507	27,746	27,285	83	90	12 269	2 907,118	9 905,287	3,407	2,946
34	41	97 149	53 860,392	1 467 916,933	27,254	26,793	84	91	9 458	2 202,574	6 998,170	3,177	2,716
35	42	96 994	52 849,667	1 414 056,541	26,756	26,295	85	92	7 014	1 605,269	4 795,596	2,987	2,526
36	43	96 827	51 850,882	1 361 206,874	26,252	25,791	86	93	5 069	1 140,168	3 190,327	2,798	2,337
37	44	96 642	50 862,078	1 309 355,991	25,743	25,282	87	94	3 533	780,911	2 050,158	2,625	2,164
38	45	96 442	49 883,778	1 258 493,913	25,229	24,767	88	95	2 365	513,767	1 269,247	2,470	2,009
39	46	96 214	48 909,781	1 208 610,135	24,711	24,250	89	96	1 521	324,660	755,481	2,327	1,866
40	47	95 968	47 945,742	1 159 700,354	24,188	23,727	90	97	931	195,372	430,820	2,205	1,744
41	48	95 688	46 983,723	1 111 754,612	23,663	23,201	91	98	549	113,162	235,448	2,081	1,619
42	49	95 388	46 030,865	1 064 770,888	23,132	22,670	92	99	305	61,833	122,286	1,978	1,516
43	50	95 046	45 077,046	1 018 740,024	22,600	22,139	93	100	161	32,102	60,453	1,883	1,422
44	51	94 668	44 125,343	973 662,978	22,066	21,605							
45	52	94 248	43 174,259	929 537,634	21,530	21,069							
46	53	93 781	42 221,486	886 363,376	20,993	20,532							
47	54	93 268	41 268,230	844 141,890	20,455	19,994							
48	55	92 702	40 312,320	802 873,660	19,916	19,455							
49	56	92 077	39 351,992	762 561,340	19,378	18,917							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß 1,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	8	99 593	99 593,274	4 007 252,305	40,236	39,775	50	58	91 036	38 237,770	708 121,413	18,519	18,058
1	9	99 201	97 494,604	3 907 659,030	40,081	39,620	51	59	90 272	37 264,617	669 883,642	17,976	17,515
2	10	99 161	95 779,832	3 810 164,426	39,780	39,319	52	60	89 420	36 278,314	632 619,025	17,438	16,977
3	11	99 136	94 108,067	3 714 384,594	39,469	39,008	53	61	88 493	35 284,685	596 340,711	16,901	16,440
4	12	99 114	92 469,244	3 620 276,527	39,151	38,690	54	62	87 499	34 288,227	561 056,026	16,363	15,902
5	13	99 093	90 859,481	3 527 807,283	38,827	38,366	55	63	86 409	33 278,570	526 767,799	15,829	15,368
6	14	99 073	89 279,142	3 436 947,803	38,497	38,035	56	64	85 246	32 266,038	493 489,229	15,294	14,833
7	15	99 052	87 724,848	3 347 668,661	38,161	37,700	57	65	84 002	31 248,586	461 223,191	14,760	14,299
8	16	99 031	86 198,119	3 259 943,813	37,819	37,358	58	66	82 676	30 226,145	429 974,604	14,225	13,764
9	17	99 008	84 695,505	3 173 745,694	37,472	37,011	59	67	81 248	29 193,160	399 748,459	13,693	13,232
10	18	98 984	83 218,932	3 089 050,189	37,120	36,658	60	68	79 738	28 157,752	370 555,299	13,160	12,699
11	19	98 953	81 761,660	3 005 831,256	36,763	36,302	61	69	78 143	27 119,953	342 397,548	12,625	12,164
12	20	98 924	80 331,948	2 924 069,597	36,400	35,939	62	70	76 450	26 075,986	315 277,595	12,091	11,630
13	21	98 891	78 924,008	2 843 737,648	36,031	35,570	63	71	74 656	25 026,434	289 201,609	11,556	11,095
14	22	98 859	77 541,759	2 764 813,640	35,656	35,195	64	72	72 763	23 972,303	264 175,175	11,020	10,559
15	23	98 822	76 179,585	2 687 271,882	35,275	34,814	65	73	70 699	22 891,615	240 202,872	10,493	10,032
16	24	98 782	74 838,931	2 611 092,297	34,889	34,428	66	74	68 502	21 798,774	217 311,258	9,969	9,508
17	25	98 736	73 517,811	2 536 253,365	34,498	34,037	67	75	66 115	20 677,431	195 512,484	9,455	8,994
18	26	98 681	72 213,009	2 462 735,555	34,104	33,643	68	76	63 540	19 530,177	174 835,053	8,952	8,491
19	27	98 610	70 920,057	2 390 522,545	33,707	33,246	69	77	60 797	18 365,616	155 304,876	8,456	7,995
20	28	98 536	69 647,525	2 319 602,488	33,305	32,844	70	78	57 873	17 181,810	136 939,260	7,970	7,509
21	29	98 458	68 395,538	2 249 954,963	32,896	32,435	71	79	54 742	15 972,644	119 757,450	7,498	7,036
22	30	98 376	67 163,601	2 181 559,425	32,481	32,020	72	80	51 439	14 750,891	103 784,805	7,036	6,575
23	31	98 296	65 954,705	2 114 395,824	32,058	31,597	73	81	47 955	13 515,123	89 033,914	6,588	6,127
24	32	98 215	64 766,894	2 048 441,119	31,628	31,167	74	82	44 309	12 272,934	75 518,791	6,153	5,692
25	33	98 126	63 594,799	1 983 674,225	31,192	30,731	75	83	40 448	11 010,731	63 245,857	5,744	5,283
26	34	98 036	62 443,853	1 920 079,427	30,749	30,288	76	84	36 492	9 763,013	52 235,126	5,350	4,889
27	35	97 937	61 308,169	1 857 635,573	30,300	29,839	77	85	32 444	8 530,774	42 472,113	4,979	4,517
28	36	97 836	60 191,640	1 796 327,404	29,843	29,382	78	86	28 368	7 330,748	33 941,339	4,630	4,169
29	37	97 731	59 092,760	1 736 135,764	29,380	28,919	79	87	24 338	6 181,129	26 610,590	4,305	3,844
30	38	97 615	58 007,258	1 677 043,005	28,911	28,450	80	88	20 425	5 098,157	20 429,462	4,007	3,546
31	39	97 498	56 941,392	1 619 035,747	28,433	27,972	81	89	16 761	4 111,671	15 331,305	3,729	3,268
32	40	97 364	55 885,118	1 562 094,355	27,952	27,491	82	90	13 341	3 216,357	11 219,634	3,488	3,027
33	41	97 224	54 844,814	1 506 209,238	27,463	27,002	83	91	10 370	2 457,109	8 003,277	3,257	2,796
34	42	97 071	53 817,223	1 451 364,424	26,968	26,507	84	92	7 778	1 811,206	5 546,169	3,062	2,601
35	43	96 908	52 802,627	1 397 547,200	26,467	26,006	85	93	5 687	1 301,511	3 734,962	2,870	2,409
36	44	96 728	51 797,790	1 344 744,574	25,961	25,500	86	94	4 018	903,865	2 433,452	2,692	2,231
37	45	96 534	50 804,952	1 292 946,783	25,449	24,988	87	95	2 735	604,517	1 529,586	2,530	2,069
38	46	96 320	49 820,464	1 242 141,831	24,932	24,471	88	96	1 785	387,866	925,070	2,385	1,924
39	47	96 078	48 840,862	1 192 321,367	24,412	23,951	89	97	1 118	238,721	537,204	2,250	1,789
40	48	95 811	47 867,345	1 143 480,505	23,889	23,427	90	98	666	139,736	298,482	2,136	1,675
41	49	95 519	46 900,636	1 095 613,160	23,360	22,899	91	99	381	78,626	158,747	2,019	1,558
42	50	95 192	45 936,149	1 048 712,524	22,830	22,369	92	100	206	41,681	80,121	1,922	1,461
43	51	94 837	44 977,741	1 002 776,375	22,295	21,834							
44	52	94 436	44 017,378	957 798,633	21,760	21,298							
45	53	93 990	43 055,729	913 781,256	21,223	20,762							
46	54	93 499	42 094,545	870 725,527	20,685	20,224							
47	55	92 971	41 136,534	828 630,981	20,143	19,682							
48	56	92 374	40 169,486	787 494,448	19,604	19,143							
49	57	91 730	39 203,549	747 324,961	19,063	18,601							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	9	99 586	99 585,940	3 989 161,236	40,057	39,596	50	59	90 634	38 069,053	692 286,871	18,185	17,724
1	10	99 194	97 487,879	3 889 575,296	39,898	39,437	51	60	89 846	37 088,653	654 217,817	17,639	17,178
2	11	99 154	95 773,035	3 792 087,417	39,595	39,133	52	61	88 939	36 082,798	617 129,165	17,103	16,642
3	12	99 128	94 100,541	3 696 314,383	39,280	38,819	53	62	87 985	35 081,914	581 046,367	16,563	16,101
4	13	99 106	92 461,800	3 602 213,841	38,959	38,498	54	63	86 947	34 071,949	545 964,453	16,024	15,563
5	14	99 084	90 851,342	3 509 752,041	38,632	38,171	55	64	85 827	33 054,344	511 892,504	15,486	15,025
6	15	99 063	89 269,465	3 418 900,699	38,299	37,837	56	65	84 619	32 028,902	478 838,160	14,950	14,489
7	16	99 040	87 713,813	3 329 631,234	37,960	37,499	57	66	83 346	31 004,539	446 809,258	14,411	13,950
8	17	99 016	86 184,856	3 241 917,421	37,616	37,155	58	67	81 969	29 967,583	415 804,719	13,875	13,414
9	18	98 992	84 681,914	3 155 732,566	37,266	36,805	59	68	80 506	28 926,559	385 837,136	13,339	12,877
10	19	98 962	83 199,924	3 071 050,652	36,912	36,450	60	69	78 963	27 884,322	356 910,577	12,800	12,338
11	20	98 932	81 744,773	2 987 850,728	36,551	36,090	61	70	77 313	26 831,898	329 026,255	12,263	11,801
12	21	98 902	80 314,116	2 906 105,955	36,184	35,723	62	71	75 562	25 773,382	302 194,357	11,725	11,264
13	22	98 870	78 907,490	2 825 791,839	35,811	35,350	63	72	73 695	24 704,163	276 420,976	11,189	10,728
14	23	98 837	77 524,364	2 746 884,350	35,433	34,971	64	73	71 710	23 625,238	251 716,812	10,655	10,193
15	24	98 800	76 162,172	2 669 359,986	35,048	34,587	65	74	69 549	22 519,370	228 091,574	10,129	9,667
16	25	98 762	74 823,804	2 593 197,814	34,657	34,196	66	75	67 227	21 393,152	205 572,204	9,609	9,148
17	26	98 715	73 501,638	2 518 374,011	34,263	33,802	67	76	64 697	20 233,736	184 179,052	9,103	8,641
18	27	98 658	72 195,919	2 444 872,372	33,864	33,403	68	77	61 984	19 051,828	163 945,316	8,605	8,144
19	28	98 584	70 901,005	2 372 676,453	33,465	33,003	69	78	59 111	17 856,453	144 893,489	8,114	7,653
20	29	98 511	69 629,913	2 301 775,448	33,057	32,596	70	79	56 017	16 630,820	127 037,035	7,639	7,177
21	30	98 430	68 375,914	2 232 145,535	32,645	32,184	71	80	52 755	15 392,743	110 406,215	7,173	6,711
22	31	98 349	67 144,591	2 163 769,621	32,226	31,764	72	81	49 291	14 134,812	95 013,473	6,722	6,261
23	32	98 267	65 934,785	2 096 625,030	31,798	31,337	73	82	45 673	12 871,934	80 878,661	6,283	5,822
24	33	98 180	64 743,936	2 030 690,245	31,365	30,904	74	83	41 866	11 596,152	68 006,727	5,865	5,403
25	34	98 090	63 571,546	1 965 946,309	30,925	30,464	75	84	37 911	10 320,230	56 410,576	5,466	5,005
26	35	97 994	62 417,329	1 902 374,763	30,478	30,017	76	85	33 853	9 056,994	46 090,345	5,089	4,628
27	36	97 898	61 283,784	1 839 957,434	30,024	29,562	77	86	29 759	7 824,813	37 033,351	4,733	4,272
28	37	97 790	60 163,036	1 778 673,651	29,564	29,103	78	87	25 695	6 640,025	29 208,538	4,399	3,938
29	38	97 679	59 061,223	1 718 510,615	29,097	28,636	79	88	21 702	5 511,764	22 568,513	4,095	3,633
30	39	97 560	57 974,964	1 659 449,392	28,624	28,162	80	89	17 927	4 474,718	17 056,748	3,812	3,351
31	40	97 433	56 903,722	1 601 474,428	28,144	27,682	81	90	14 389	3 529,800	12 582,031	3,565	3,103
32	41	97 295	55 845,650	1 544 570,706	27,658	27,197	82	91	11 276	2 718,479	9 052,231	3,330	2,869
33	42	97 146	54 800,856	1 488 725,055	27,166	26,705	83	92	8 527	2 020,514	6 333,752	3,135	2,674
34	43	96 985	53 769,321	1 433 924,200	26,668	26,207	84	93	6 306	1 468,479	4 313,238	2,937	2,476
35	44	96 809	52 748,560	1 380 154,878	26,165	25,704	85	94	4 508	1 031,769	2 844,759	2,757	2,296
36	45	96 619	51 739,613	1 327 406,318	25,656	25,194	86	95	3 111	699,698	1 812,990	2,591	2,130
37	46	96 411	50 740,469	1 275 666,705	25,141	24,680	87	96	2 065	456,377	1 113,292	2,439	1,978
38	47	96 184	49 750,261	1 224 926,236	24,622	24,160	88	97	1 313	285,196	656,915	2,303	1,842
39	48	95 921	48 761,001	1 175 175,975	24,101	23,640	89	98	800	170,740	371,719	2,177	1,716
40	49	95 642	47 782,695	1 126 414,973	23,574	23,112	90	99	463	97,089	200,978	2,070	1,609
41	50	95 322	46 804,131	1 078 632,278	23,046	22,584	91	100	257	53,002	103,889	1,960	1,499
42	51	94 982	45 834,952	1 031 828,147	22,512	22,051							
43	52	94 605	44 867,690	985 993,195	21,976	21,514							
44	53	94 177	43 896,534	941 125,505	21,440	20,978							
45	54	93 707	42 926,280	897 228,971	20,902	20,440							
46	55	93 201	41 960,212	854 302,691	20,360	19,899							
47	56	92 641	40 990,780	812 342,479	19,818	19,356							
48	57	92 025	40 017,959	771 351,698	19,275	18,814							
49	58	91 363	39 046,869	731 333,740	18,730	18,268							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	10	99 579	99 579,070	3 970 130,415	39,869	39,408	50	60	90 206	37 889,290	675 720,197	17,834	17,373
1	11	99 187	97 480,960	3 870 551,345	39,706	39,245	51	61	89 361	36 888,769	637 830,907	17,291	16,829
2	12	99 146	95 765,376	3 773 070,385	39,399	38,938	52	62	88 427	35 875,441	600 942,138	16,751	16,290
3	13	99 120	94 092,966	3 677 305,009	39,082	38,620	53	63	87 430	34 860,630	565 066,698	16,209	15,748
4	14	99 097	92 453,518	3 583 212,043	38,757	38,296	54	64	86 361	33 842,377	530 206,068	15,667	15,206
5	15	99 073	90 841,495	3 490 758,525	38,427	37,966	55	65	85 196	32 811,414	496 363,691	15,128	14,667
6	16	99 050	89 258,236	3 399 917,030	38,091	37,630	56	66	83 958	31 778,760	463 552,277	14,587	14,126
7	17	99 024	87 700,316	3 310 658,795	37,750	37,288	57	67	82 633	30 739,318	431 773,517	14,046	13,585
8	18	99 000	86 171,025	3 222 958,478	37,402	36,941	58	68	81 220	29 693,910	401 034,199	13,506	13,044
9	19	98 969	84 662,572	3 136 787,453	37,050	36,589	59	69	79 724	28 645,664	371 340,289	12,963	12,502
10	20	98 941	83 182,740	3 052 124,881	36,692	36,231	60	70	78 125	27 588,148	342 694,625	12,422	11,961
11	21	98 910	81 726,626	2 968 942,141	36,328	35,867	61	71	76 416	26 520,521	315 106,477	11,882	11,420
12	22	98 881	80 297,307	2 887 215,515	35,957	35,495	62	72	74 589	25 441,493	288 585,956	11,343	10,882
13	23	98 848	78 889,788	2 806 918,208	35,580	35,119	63	73	72 628	24 346,503	263 144,463	10,808	10,347
14	24	98 815	77 506,643	2 728 028,420	35,197	34,736	64	74	70 544	23 241,064	238 797,960	10,275	9,814
15	25	98 780	76 146,777	2 650 521,777	34,808	34,347	65	75	68 255	22 100,339	215 556,896	9,754	9,292
16	26	98 740	74 807,344	2 574 375,000	34,413	33,952	66	76	65 785	20 934,099	193 456,556	9,241	8,780
17	27	98 691	73 484,243	2 499 567,656	34,015	33,554	67	77	63 112	19 738,155	172 522,457	8,741	8,279
18	28	98 631	72 176,524	2 426 083,413	33,613	33,152	68	78	60 265	18 523,640	152 784,302	8,248	7,787
19	29	98 559	70 883,076	2 353 906,890	33,208	32,747	69	79	57 216	17 283,828	134 260,662	7,768	7,307
20	30	98 483	69 609,935	2 283 023,814	32,797	32,336	70	80	53 984	16 027,022	116 976,834	7,299	6,838
21	31	98 402	68 356,562	2 213 413,879	32,380	31,919	71	81	50 551	14 749,856	100 949,811	6,844	6,383
22	32	98 319	67 124,312	2 145 057,317	31,956	31,495	72	82	46 945	13 462,131	86 199,955	6,403	5,942
23	33	98 232	65 911,413	2 077 933,005	31,526	31,065	73	83	43 154	12 162,120	72 737,824	5,981	5,519
24	34	98 145	64 720,263	2 012 021,593	31,088	30,627	74	84	39 240	10 868,939	60 575,704	5,573	5,112
25	35	98 048	63 544,543	1 947 301,329	30,645	30,183	75	85	35 170	9 573,916	49 706,766	5,192	4,731
26	36	97 955	62 392,502	1 883 756,787	30,192	29,731	76	86	31 052	8 307,486	40 132,850	4,831	4,370
27	37	97 852	61 254,661	1 821 364,285	29,734	29,273	77	87	26 955	7 087,538	31 825,364	4,490	4,029
28	38	97 738	60 130,928	1 760 109,624	29,271	28,810	78	88	22 913	5 920,966	24 737,826	4,178	3,717
29	39	97 624	59 028,342	1 699 978,696	28,799	28,338	79	89	19 049	4 837,746	18 816,860	3,890	3,428
30	40	97 496	57 936,611	1 640 950,354	28,323	27,862	80	90	15 390	3 841,469	13 979,113	3,639	3,178
31	41	97 365	56 863,535	1 583 013,743	27,839	27,378	81	91	12 162	2 983,402	10 137,644	3,398	2,937
32	42	97 217	55 800,890	1 526 150,208	27,350	26,889	82	92	9 272	2 235,442	7 154,242	3,200	2,739
33	43	97 059	54 752,078	1 470 349,318	26,855	26,393	83	93	6 914	1 638,180	4 918,800	3,003	2,541
34	44	96 886	53 714,265	1 415 597,239	26,354	25,893	84	94	4 999	1 164,133	3 280,620	2,818	2,357
35	45	96 700	52 689,315	1 361 882,974	25,847	25,386	85	95	3 490	798,710	2 116,487	2,650	2,189
36	46	96 496	51 673,944	1 309 193,659	25,336	24,874	86	96	2 348	528,234	1 317,777	2,495	2,033
37	47	96 275	50 668,970	1 257 519,715	24,818	24,357	87	97	1 518	335,572	789,543	2,353	1,892
38	48	96 027	49 668,914	1 206 850,746	24,298	23,837	88	98	939	203,980	453,970	2,226	1,764
39	49	95 752	48 674,771	1 157 181,832	23,774	23,313	89	99	556	118,632	249,990	2,107	1,646
40	50	95 445	47 684,375	1 108 507,061	23,247	22,786	90	100	312	65,448	131,358	2,007	1,546
41	51	95 112	46 701,022	1 060 822,685	22,715	22,254							
42	52	94 750	45 722,803	1 014 121,664	22,180	21,719							
43	53	94 345	44 744,512	968 398,861	21,643	21,182							
44	54	93 894	43 764,557	923 654,349	21,105	20,644							
45	55	93 408	42 789,293	879 889,792	20,563	20,102							
46	56	92 871	41 811,540	837 100,499	20,021	19,560							
47	57	92 292	40 836,154	795 288,959	19,475	19,014							
48	58	91 657	39 858,025	754 452,804	18,929	18,467							
49	59	90 960	38 874,582	714 594,780	18,382	17,921							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	11	99 572	99 572,003	3 950 157,378	39,671	39,210	50	61	89 720	37 685,092	658 434,609	17,472	17,011
1	12	99 179	97 473,165	3 850 585,375	39,504	39,043	51	62	88 848	36 676,780	620 749,517	16,925	16,464
2	13	99 139	95 757,667	3 753 112,210	39,194	38,733	52	63	87 870	35 649,151	584 072,738	16,384	15,923
3	14	99 111	94 084,538	3 657 354,543	38,873	38,412	53	64	86 841	34 625,744	548 423,587	15,839	15,377
4	15	99 086	92 443,497	3 563 270,006	38,545	38,084	54	65	85 727	33 593,656	513 797,843	15,294	14,833
5	16	99 061	90 830,068	3 470 826,509	38,212	37,751	55	66	84 530	32 555,161	480 204,188	14,750	14,289
6	17	99 035	89 244,501	3 379 996,441	37,873	37,412	56	67	83 240	31 506,917	447 649,027	14,208	13,747
7	18	99 008	87 686,243	3 290 751,940	37,529	37,068	57	68	81 879	30 458,597	416 142,110	13,663	13,201
8	19	98 978	86 151,343	3 203 065,697	37,180	36,718	58	69	80 431	29 405,563	385 683,513	13,116	12,655
9	20	98 949	84 645,086	3 116 914,354	36,823	36,362	59	70	78 877	28 341,404	356 277,950	12,571	12,110
10	21	98 919	83 164,274	3 032 269,268	36,461	36,000	60	71	77 218	27 267,995	327 936,546	12,026	11,565
11	22	98 890	81 709,522	2 949 104,994	36,093	35,631	61	72	75 431	26 179,011	300 668,551	11,485	11,024
12	23	98 859	80 279,294	2 867 395,473	35,718	35,257	62	73	73 509	25 073,158	274 489,539	10,948	10,486
13	24	98 825	78 871,756	2 787 116,179	35,337	34,876	63	74	71 447	23 950,600	249 416,381	10,414	9,953
14	25	98 795	77 490,976	2 708 244,423	34,949	34,488	64	75	69 231	22 808,605	225 465,781	9,885	9,424
15	26	98 758	76 130,026	2 630 753,447	34,556	34,095	65	76	66 791	21 626,112	202 657,177	9,371	8,910
16	27	98 717	74 789,640	2 554 623,421	34,157	33,696	66	77	64 174	20 421,364	181 031,065	8,865	8,404
17	28	98 665	73 464,501	2 479 833,782	33,756	33,294	67	78	61 362	19 190,940	160 609,700	8,369	7,908
18	29	98 607	72 158,272	2 406 369,280	33,348	32,887	68	79	58 333	17 929,620	141 418,760	7,887	7,426
19	30	98 531	70 862,738	2 334 211,008	32,940	32,479	69	80	55 138	16 656,323	123 489,141	7,414	6,953
20	31	98 455	69 590,233	2 263 348,270	32,524	32,063	70	81	51 729	15 357,645	106 832,818	6,956	6,495
21	32	98 372	68 335,916	2 193 758,037	32,103	31,641	71	82	48 145	14 047,905	91 475,173	6,512	6,050
22	33	98 284	67 100,518	2 125 422,120	31,675	31,214	72	83	44 357	12 719,771	77 427,268	6,087	5,626
23	34	98 196	65 887,313	2 058 321,602	31,240	30,779	73	84	40 448	11 399,414	64 707,497	5,676	5,215
24	35	98 103	64 692,772	1 992 434,289	30,798	30,337	74	85	36 403	10 082,943	53 308,083	5,287	4,826
25	36	98 009	63 519,267	1 927 741,517	30,349	29,888	75	86	32 259	8 781,630	43 225,140	4,922	4,461
26	37	97 909	62 362,852	1 864 222,250	29,893	29,432	76	87	28 126	7 524,732	34 443,510	4,577	4,116
27	38	97 799	61 221,970	1 801 859,398	29,432	28,970	77	88	24 036	6 320,017	26 918,778	4,259	3,798
28	39	97 683	60 097,452	1 740 637,428	28,964	28,502	78	89	20 111	5 196,908	20 598,761	3,964	3,502
29	40	97 560	58 989,292	1 680 539,976	28,489	28,028	79	90	16 353	4 153,123	15 401,852	3,708	3,247
30	41	97 427	57 895,694	1 621 550,684	28,008	27,547	80	91	13 008	3 246,827	11 248,729	3,465	3,003
31	42	97 287	56 817,960	1 563 654,989	27,520	27,059	81	92	10 001	2 453,292	8 001,902	3,262	2,800
32	43	97 131	55 751,223	1 506 837,030	27,028	26,567	82	93	7 518	1 812,438	5 548,610	3,061	2,600
33	44	96 960	54 696,016	1 451 085,807	26,530	26,069	83	94	5 481	1 298,663	3 736,172	2,877	2,416
34	45	96 777	53 653,936	1 396 389,791	26,026	25,565	84	95	3 870	901,175	2 437,509	2,705	2,244
35	46	96 577	52 622,440	1 342 735,856	25,516	25,055	85	96	2 635	602,983	1 536,333	2,548	2,087
36	47	96 360	51 601,129	1 290 113,416	25,002	24,540	86	97	1 727	388,408	933,350	2,403	1,942
37	48	96 118	50 586,120	1 238 512,286	24,483	24,022	87	98	1 086	240,011	544,942	2,270	1,809
38	49	95 857	49 581,078	1 187 926,166	23,959	23,498	88	99	652	141,727	304,931	2,152	1,690
39	50	95 555	48 574,615	1 138 345,088	23,435	22,974	89	100	375	79,969	163,204	2,041	1,580
40	51	95 235	47 579,327	1 089 770,473	22,904	22,443							
41	52	94 880	46 586,754	1 042 191,146	22,371	21,910							
42	53	94 490	45 597,277	995 604,392	21,835	21,374							
43	54	94 062	44 609,985	950 007,115	21,296	20,835							
44	55	93 594	43 624,894	905 397,130	20,754	20,293							
45	56	93 077	42 637,684	861 772,235	20,212	19,750							
46	57	92 521	41 653,819	819 134,552	19,665	19,204							
47	58	91 923	40 672,950	777 480,733	19,115	18,654							
48	59	91 253	39 682,159	736 807,783	18,568	18,107							
49	60	90 531	38 691,015	697 125,625	18,018	17,557							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	12	99 564	99 564,040	3 929 242,678	39,464	39,003	50	62	89 205	37 468,526	640 459,630	17,093	16,632
1	13	99 171	97 465,318	3 829 678,638	39,293	38,832	51	63	88 287	36 445,436	602 991,103	16,545	16,084
2	14	99 130	95 749,089	3 732 213,320	38,979	38,518	52	64	87 278	35 408,952	566 545,668	16,000	15,539
3	15	99 100	94 074,340	3 636 464,231	38,655	38,194	53	65	86 202	34 371,265	531 136,716	15,453	14,992
4	16	99 074	92 431,869	3 542 389,890	38,324	37,863	54	66	85 057	33 331,293	496 765,451	14,904	14,443
5	17	99 046	90 816,091	3 449 958,022	37,988	37,527	55	67	83 807	32 276,675	463 434,158	14,358	13,897
6	18	99 019	89 230,180	3 359 141,930	37,646	37,185	56	68	82 480	31 219,186	431 157,482	13,811	13,349
7	19	98 986	87 666,214	3 269 911,751	37,300	36,838	57	69	81 084	30 162,825	399 938,296	13,259	12,798
8	20	98 957	86 133,549	3 182 245,536	36,945	36,484	58	70	79 577	29 093,231	369 775,471	12,710	12,249
9	21	98 927	84 626,295	3 096 111,987	36,586	36,124	59	71	77 962	28 012,510	340 682,240	12,162	11,701
10	22	98 899	83 146,869	3 011 485,692	36,219	35,758	60	72	76 224	26 916,860	312 669,730	11,616	11,155
11	23	98 868	81 691,192	2 928 338,823	35,846	35,385	61	73	74 339	25 799,999	285 752,870	11,076	10,614
12	24	98 836	80 260,943	2 846 647,631	35,467	35,006	62	74	72 314	24 665,439	259 952,871	10,539	10,078
13	25	98 806	78 855,813	2 766 386,688	35,082	34,620	63	75	70 118	23 504,938	235 287,433	10,010	9,549
14	26	98 773	77 473,930	2 687 530,875	34,689	34,228	64	76	67 746	22 319,179	211 782,494	9,489	9,028
15	27	98 735	76 112,008	2 610 056,945	34,292	33,831	65	77	65 155	21 096,428	189 463,315	8,981	8,520
16	28	98 691	74 769,548	2 533 944,937	33,890	33,429	66	78	62 394	19 855,208	168 366,888	8,480	8,019
17	29	98 640	73 445,924	2 459 175,389	33,483	33,022	67	79	59 395	18 575,520	148 511,679	7,995	7,534
18	30	98 578	72 137,569	2 385 729,465	33,072	32,611	68	80	56 215	17 278,668	129 936,159	7,520	7,059
19	31	98 503	70 842,682	2 313 591,897	32,658	32,197	69	81	52 835	15 960,662	112 657,491	7,058	6,597
20	32	98 425	69 569,215	2 242 749,215	32,238	31,776	70	82	49 267	14 626,769	96 696,829	6,611	6,150
21	33	98 337	68 311,693	2 173 180,000	31,813	31,352	71	83	45 491	13 273,243	82 070,060	6,183	5,722
22	34	98 248	67 075,984	2 104 868,306	31,380	30,919	72	84	41 575	11 922,094	68 796,817	5,771	5,309
23	35	98 154	65 859,326	2 037 792,323	30,942	30,480	73	85	37 523	10 575,057	56 874,723	5,378	4,917
24	36	98 064	64 667,040	1 971 932,997	30,494	30,032	74	86	33 390	9 248,533	46 299,666	5,006	4,545
25	37	97 962	63 489,082	1 907 265,957	30,041	29,580	75	87	29 220	7 954,201	37 051,133	4,658	4,197
26	38	97 856	62 329,570	1 843 776,875	29,581	29,120	76	88	25 080	6 709,867	29 096,932	4,336	3,875
27	39	97 745	61 187,887	1 781 447,305	29,114	28,653	77	89	21 097	5 547,160	22 387,065	4,036	3,575
28	40	97 619	60 057,695	1 720 259,418	28,643	28,182	78	90	17 265	4 461,458	16 839,904	3,775	3,313
29	41	97 491	58 947,633	1 660 201,724	28,164	27,703	79	91	13 822	3 510,238	12 378,447	3,526	3,065
30	42	97 349	57 849,291	1 601 254,091	27,680	27,219	80	92	10 697	2 669,909	8 868,209	3,322	2,860
31	43	97 200	56 767,387	1 543 404,800	27,188	26,727	81	93	8 108	1 989,065	6 198,299	3,116	2,655
32	44	97 031	55 694,137	1 486 637,413	26,693	26,232	82	94	5 960	1 436,806	4 209,234	2,930	2,468
33	45	96 851	54 634,583	1 430 943,276	26,191	25,730	83	95	4 243	1 005,318	2 772,428	2,758	2,297
34	46	96 654	53 585,836	1 376 308,693	25,684	25,223	84	96	2 922	680,339	1 767,110	2,597	2,136
35	47	96 441	52 548,289	1 322 722,857	25,172	24,710	85	97	1 937	443,371	1 086,772	2,451	1,990
36	48	96 203	51 516,756	1 270 174,567	24,656	24,194	86	98	1 235	277,801	643,401	2,316	1,855
37	49	95 948	50 496,662	1 218 657,812	24,133	23,672	87	99	754	166,762	365,600	2,192	1,731
38	50	95 660	49 479,057	1 168 161,150	23,609	23,148	88	100	440	95,538	198,839	2,081	1,620
39	51	95 344	48 467,606	1 118 682,092	23,081	22,620							
40	52	95 002	47 462,910	1 070 214,487	22,548	22,087							
41	53	94 619	46 458,856	1 022 751,577	22,014	21,553							
42	54	94 206	45 460,187	976 292,721	21,476	21,015							
43	55	93 761	44 467,625	930 832,534	20,933	20,472							
44	56	93 263	43 470,324	886 364,909	20,390	19,929							
45	57	92 726	42 476,846	842 894,585	19,844	19,382							
46	58	92 151	41 487,346	800 417,739	19,293	18,832							
47	59	91 517	40 493,488	758 930,393	18,742	18,281							
48	60	90 822	39 494,779	718 436,904	18,191	17,729							
49	61	90 043	38 482,496	678 942,126	17,643	17,182							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	13	99 556	99 556,026	3 907 389,510	39,248	38,787	50	63	88 642	37 232,188	621 814,951	16,701	16,240
1	14	99 162	97 456,587	3 807 833,485	39,072	38,611	51	64	87 692	36 199,871	584 582,763	16,149	15,688
2	15	99 119	95 738,711	3 710 376,898	38,755	38,294	52	65	86 636	35 148,717	548 382,892	15,602	15,141
3	16	99 088	94 062,506	3 614 638,186	38,428	37,967	53	66	85 529	34 102,830	513 234,175	15,050	14,588
4	17	99 059	92 417,646	3 520 575,680	38,094	37,633	54	67	84 330	33 046,169	479 131,345	14,499	14,038
5	18	99 030	90 801,518	3 428 158,034	37,754	37,293	55	68	83 042	31 981,915	446 085,176	13,948	13,487
6	19	98 996	89 209,799	3 337 356,516	37,410	36,949	56	69	81 679	30 916,028	414 103,261	13,394	12,933
7	20	98 965	87 648,108	3 248 146,717	37,059	36,598	57	70	80 223	29 842,450	383 187,233	12,840	12,379
8	21	98 935	86 114,428	3 160 498,609	36,701	36,240	58	71	78 654	28 755,613	353 344,783	12,288	11,827
9	22	98 906	84 608,584	3 074 384,181	36,337	35,875	59	72	76 958	27 651,787	324 589,171	11,738	11,277
10	23	98 876	83 128,217	2 989 775,597	35,966	35,505	60	73	75 120	26 527,165	296 937,384	11,194	10,733
11	24	98 845	81 672,519	2 906 647,381	35,589	35,128	61	74	73 131	25 380,460	270 410,218	10,654	10,193
12	25	98 817	80 244,719	2 824 974,862	35,204	34,743	62	75	70 968	24 206,475	245 029,758	10,122	9,661
13	26	98 784	78 838,466	2 744 730,143	34,815	34,353	63	76	68 613	23 000,571	220 823,283	9,601	9,140
14	27	98 749	77 455,594	2 665 891,676	34,418	33,957	64	77	66 086	21 772,520	197 822,712	9,086	8,625
15	28	98 708	76 091,561	2 588 436,082	34,017	33,556	65	78	63 348	20 511,556	176 050,192	8,583	8,122
16	29	98 666	74 750,640	2 512 344,521	33,610	33,148	66	79	60 394	19 218,487	155 538,636	8,093	7,632
17	30	98 612	73 424,851	2 437 593,881	33,198	32,737	67	80	57 238	17 901,119	136 320,149	7,615	7,154
18	31	98 550	72 117,151	2 364 169,029	32,782	32,321	68	81	53 867	16 557,015	118 419,031	7,152	6,691
19	32	98 473	70 821,286	2 292 051,878	32,364	31,903	69	82	50 321	15 201,088	101 862,016	6,701	6,240
20	33	98 390	69 544,555	2 221 230,592	31,940	31,478	70	83	46 550	13 820,186	86 660,928	6,271	5,809
21	34	98 301	68 286,716	2 151 686,038	31,510	31,048	71	84	42 638	12 440,857	72 840,742	5,855	5,394
22	35	98 206	67 047,491	2 083 399,322	31,073	30,612	72	85	38 568	11 059,939	60 399,885	5,461	5,000
23	36	98 115	65 833,130	2 016 351,830	30,628	30,167	73	86	34 418	9 699,922	49 339,946	5,087	4,625
24	37	98 017	64 636,309	1 950 518,700	30,177	29,716	74	87	30 244	8 377,131	39 640,023	4,732	4,271
25	38	97 910	63 455,199	1 885 882,391	29,720	29,259	75	88	26 056	7 092,828	31 262,912	4,408	3,946
26	39	97 802	62 294,870	1 822 427,192	29,255	28,794	76	89	22 013	5 889,337	24 170,084	4,104	3,643
27	40	97 680	61 147,408	1 760 132,322	28,785	28,324	77	90	18 111	4 762,143	18 280,748	3,839	3,378
28	41	97 550	60 015,280	1 698 984,914	28,309	27,848	78	91	14 592	3 770,844	13 518,604	3,585	3,124
29	42	97 413	58 900,386	1 638 969,634	27,826	27,365	79	92	11 366	2 886,516	9 747,761	3,377	2,916
30	43	97 262	57 797,800	1 580 069,247	27,338	26,877	80	93	8 673	2 164,693	6 861,245	3,170	2,708
31	44	97 100	56 709,260	1 522 271,447	26,843	26,382	81	94	6 428	1 576,826	4 696,551	2,978	2,517
32	45	96 922	55 631,584	1 465 562,187	26,344	25,883	82	95	4 613	1 112,256	3 119,725	2,805	2,344
33	46	96 728	54 565,239	1 409 930,603	25,839	25,378	83	96	3 203	758,960	2 007,469	2,645	2,184
34	47	96 518	53 510,328	1 355 365,364	25,329	24,868	84	97	2 148	500,250	1 248,508	2,496	2,035
35	48	96 284	52 462,367	1 301 855,036	24,815	24,354	85	98	1 386	317,111	748,258	2,360	1,898
36	49	96 033	51 425,652	1 249 392,669	24,295	23,834	86	99	858	193,018	431,147	2,234	1,773
37	50	95 751	50 392,758	1 197 967,017	23,773	23,311	87	100	509	112,413	238,129	2,118	1,657
38	51	95 449	49 370,055	1 147 574,260	23,244	22,783							
39	52	95 111	48 349,015	1 098 204,205	22,714	22,253							
40	53	94 741	47 332,607	1 049 855,189	22,180	21,719							
41	54	94 335	46 319,175	1 002 522,583	21,644	21,183							
42	55	93 905	45 315,113	956 203,407	21,101	20,640							
43	56	93 429	44 310,069	910 888,294	20,557	20,096							
44	57	92 911	43 306,345	866 578,225	20,010	19,549							
45	58	92 355	42 307,084	823 271,880	19,459	18,998							
46	59	91 744	41 304,292	780 964,796	18,908	18,446							
47	60	91 085	40 302,277	739 660,504	18,353	17,892							
48	61	90 333	39 281,927	699 358,227	17,804	17,342							
49	62	89 525	38 261,348	660 076,300	17,252	16,791							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	14	99 547	99 547,108	3 884 601,738	39,023	38,562	50	64	88 045	36 981,323	602 529,661	16,293	15,832
1	15	99 151	97 446,024	3 785 054,631	38,843	38,381	51	65	87 048	35 933,824	565 548,338	15,739	15,277
2	16	99 106	95 726,668	3 687 608,606	38,522	38,061	52	66	85 960	34 874,210	529 614,515	15,186	14,725
3	17	99 072	94 048,033	3 591 881,938	38,192	37,731	53	67	84 798	33 811,105	494 740,305	14,632	14,171
4	18	99 043	92 402,815	3 497 833,905	37,854	37,393	54	68	83 559	32 744,381	460 929,199	14,077	13,615
5	19	99 007	90 780,778	3 405 431,090	37,513	37,051	55	69	82 236	31 671,350	428 184,818	13,520	13,058
6	20	98 976	89 191,373	3 314 650,312	37,163	36,702	56	70	80 812	30 587,653	396 513,468	12,963	12,502
7	21	98 943	87 628,651	3 225 458,939	36,808	36,347	57	71	79 292	29 496,137	365 925,815	12,406	11,945
8	22	98 915	86 096,406	3 137 830,288	36,446	35,984	58	72	77 641	28 385,321	336 429,678	11,852	11,391
9	23	98 884	84 589,604	3 051 733,882	36,077	35,616	59	73	75 844	27 251,452	308 044,357	11,304	10,843
10	24	98 854	83 109,215	2 967 144,279	35,702	35,241	60	74	73 899	26 095,802	280 792,905	10,760	10,299
11	25	98 825	81 656,009	2 884 035,064	35,319	34,858	61	75	71 770	24 908,192	254 697,103	10,225	9,764
12	26	98 795	80 227,067	2 802 379,054	34,931	34,469	62	76	69 446	23 687,054	229 788,911	9,701	9,240
13	27	98 760	78 819,808	2 722 151,987	34,536	34,075	63	77	66 933	22 437,222	206 101,857	9,186	8,725
14	28	98 723	77 434,786	2 643 332,179	34,136	33,675	64	78	64 254	21 168,905	183 664,634	8,676	8,215
15	29	98 683	76 072,320	2 565 897,393	33,730	33,269	65	79	61 317	19 853,787	162 495,730	8,185	7,723
16	30	98 637	74 729,193	2 489 825,074	33,318	32,857	66	80	58 201	18 520,742	142 641,943	7,702	7,241
17	31	98 584	73 404,070	2 415 095,881	32,901	32,440	67	81	54 848	17 153,468	124 121,202	7,236	6,775
18	32	98 521	72 095,370	2 341 691,811	32,480	32,019	68	82	51 303	15 769,060	106 967,733	6,783	6,322
19	33	98 438	70 796,181	2 269 596,441	32,058	31,597	69	83	47 546	14 362,835	91 198,673	6,350	5,888
20	34	98 354	69 519,127	2 198 800,259	31,629	31,168	70	84	43 631	12 953,500	76 835,838	5,932	5,470
21	35	98 259	68 257,710	2 129 281,133	31,195	30,734	71	85	39 554	11 541,188	63 882,338	5,535	5,074
22	36	98 167	67 020,823	2 061 023,423	30,752	30,291	72	86	35 377	10 144,678	52 341,151	5,159	4,698
23	37	98 069	65 801,845	1 994 002,600	30,303	29,842	73	87	31 175	8 785,969	42 196,473	4,803	4,342
24	38	97 965	64 601,814	1 928 200,755	29,847	29,386	74	88	26 969	7 469,941	33 410,503	4,473	4,011
25	39	97 856	63 419,873	1 863 598,941	29,385	28,924	75	89	22 869	6 225,466	25 940,562	4,167	3,706
26	40	97 737	62 253,659	1 800 179,069	28,917	28,456	76	90	18 898	5 055,895	19 715,096	3,899	3,438
27	41	97 611	61 104,224	1 737 925,410	28,442	27,981	77	91	15 308	4 024,984	14 659,201	3,642	3,181
28	42	97 471	59 967,178	1 676 821,185	27,962	27,501	78	92	11 999	3 100,816	10 634,216	3,429	2,968
29	43	97 326	58 847,960	1 616 854,007	27,475	27,014	79	93	9 215	2 340,312	7 533,401	3,219	2,758
30	44	97 163	57 738,619	1 558 006,047	26,984	26,523	80	94	6 875	1 716,055	5 193,088	3,026	2,565
31	45	96 991	56 645,567	1 500 267,428	26,485	26,024	81	95	4 976	1 220,649	3 477,033	2,849	2,387
32	46	96 799	55 560,974	1 443 621,861	25,983	25,521	82	96	3 483	839,693	2 256,385	2,687	2,226
33	47	96 592	54 488,351	1 388 060,887	25,474	25,013	83	97	2 355	558,060	1 416,691	2,539	2,077
34	48	96 360	53 422,832	1 333 572,536	24,963	24,501	84	98	1 536	357,793	858,631	2,400	1,939
35	49	96 113	52 369,591	1 280 149,704	24,445	23,983	85	99	963	220,332	500,838	2,273	1,812
36	50	95 835	51 319,836	1 227 780,113	23,924	23,463	86	100	578	130,113	280,506	2,156	1,695
37	51	95 540	50 281,742	1 176 460,277	23,397	22,936							
38	52	95 215	49 249,257	1 126 178,535	22,867	22,406							
39	53	94 850	48 216,279	1 076 929,278	22,335	21,874							
40	54	94 456	47 190,299	1 028 712,999	21,799	21,338							
41	55	94 034	46 171,361	981 522,700	21,258	20,797							
42	56	93 572	45 154,554	935 351,339	20,714	20,253							
43	57	93 077	44 142,922	890 196,785	20,166	19,705							
44	58	92 539	43 133,269	846 053,862	19,615	19,154							
45	59	91 948	42 120,412	802 920,594	19,063	18,601							
46	60	91 311	41 109,252	760 800,182	18,507	18,046							
47	61	90 594	40 085,074	719 690,930	17,954	17,493							
48	62	89 814	39 056,185	679 605,856	17,401	16,940							
49	63	88 961	38 020,009	640 549,670	16,848	16,386							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	15	99 536	99 536,318	3 860 885,214	38,789	38,328	50	65	87 398	36 709,532	582 629,094	15,871	15,410
1	16	99 139	97 433,767	3 761 348,896	38,604	38,143	51	66	86 368	35 653,185	545 919,561	15,312	14,851
2	17	99 091	95 711,939	3 663 915,130	38,281	37,819	52	67	85 224	34 575,887	510 266,376	14,758	14,297
3	18	99 057	94 032,941	3 568 203,191	37,946	37,485	53	68	84 023	33 502,332	475 690,489	14,199	13,738
4	19	99 020	92 381,709	3 474 170,250	37,607	37,145	54	69	82 748	32 426,413	442 188,158	13,637	13,175
5	20	98 987	90 762,028	3 381 788,541	37,260	36,799	55	70	81 362	31 334,953	409 761,745	13,077	12,616
6	21	98 954	89 171,574	3 291 026,513	36,907	36,445	56	71	79 874	30 232,692	378 426,793	12,517	12,056
7	22	98 923	87 610,311	3 201 854,939	36,547	36,085	57	72	78 271	29 116,309	348 194,101	11,959	11,498
8	23	98 892	86 077,092	3 114 244,628	36,180	35,719	58	73	76 517	27 974,366	319 077,792	11,406	10,945
9	24	98 862	84 570,268	3 028 167,536	35,807	35,345	59	74	74 611	26 808,311	291 103,425	10,859	10,397
10	25	98 834	83 092,416	2 943 597,268	35,426	34,964	60	75	72 523	25 610,223	264 295,114	10,320	9,859
11	26	98 803	81 638,047	2 860 504,853	35,039	34,578	61	76	70 230	24 373,714	238 684,891	9,793	9,332
12	27	98 771	80 208,080	2 778 866,806	34,646	34,185	62	77	67 745	23 106,892	214 311,177	9,275	8,814
13	28	98 734	78 798,633	2 698 658,726	34,248	33,786	63	78	65 077	21 815,179	191 204,286	8,765	8,304
14	29	98 698	77 415,205	2 619 860,093	33,842	33,380	64	79	62 194	20 490,055	169 389,106	8,267	7,806
15	30	98 655	76 050,493	2 542 444,888	33,431	32,970	65	80	59 091	19 132,976	148 899,051	7,782	7,321
16	31	98 609	74 708,042	2 466 394,395	33,014	32,553	66	81	55 770	17 747,212	129 766,075	7,312	6,851
17	32	98 554	73 381,900	2 391 686,353	32,592	32,131	67	82	52 237	16 337,128	112 018,863	6,857	6,396
18	33	98 486	72 069,814	2 318 304,453	32,167	31,706	68	83	48 474	14 899,486	95 681,734	6,422	5,961
19	34	98 402	70 770,296	2 246 234,639	31,740	31,279	69	84	44 564	13 462,119	80 782,248	6,001	5,540
20	35	98 312	69 489,597	2 175 464,343	31,306	30,845	70	85	40 476	12 016,758	67 320,129	5,602	5,141
21	36	98 220	68 230,560	2 105 974,746	30,866	30,404	71	86	36 281	10 586,101	55 303,371	5,224	4,763
22	37	98 121	66 988,974	2 037 744,187	30,419	29,958	72	87	32 043	9 188,819	44 717,270	4,866	4,405
23	38	98 016	65 766,728	1 970 755,213	29,966	29,505	73	88	27 799	7 834,523	35 528,451	4,535	4,074
24	39	97 910	64 565,849	1 904 988,485	29,505	29,043	74	89	23 671	6 556,463	27 693,928	4,224	3,763
25	40	97 791	63 377,917	1 840 422,636	29,039	28,578	75	90	19 633	5 344,457	21 137,465	3,955	3,494
26	41	97 668	62 209,694	1 777 044,719	28,565	28,104	76	91	15 973	4 273,265	15 793,008	3,696	3,235
27	42	97 533	61 055,249	1 714 835,025	28,087	27,625	77	92	12 588	3 309,799	11 519,742	3,480	3,019
28	43	97 385	59 913,802	1 653 779,776	27,603	27,141	78	93	9 729	2 514,061	8 209,944	3,266	2,804
29	44	97 226	58 787,703	1 593 865,973	27,112	26,651	79	94	7 305	1 855,277	5 695,883	3,070	2,609
30	45	97 053	57 673,770	1 535 078,270	26,617	26,155	80	95	5 322	1 328,428	3 840,606	2,891	2,430
31	46	96 868	56 573,671	1 477 404,501	26,115	25,653	81	96	3 757	921,524	2 512,178	2,726	2,265
32	47	96 663	55 482,683	1 420 830,830	25,609	25,147	82	97	2 561	617,423	1 590,654	2,576	2,115
33	48	96 434	54 399,256	1 365 348,147	25,099	24,637	83	98	1 685	399,141	973,232	2,438	1,977
34	49	96 190	53 328,358	1 310 948,891	24,583	24,121	84	99	1 068	248,598	574,091	2,309	1,848
35	50	95 916	52 261,833	1 257 620,534	24,064	23,603	85	100	649	148,525	325,494	2,192	1,730
36	51	95 624	51 206,778	1 205 358,701	23,539	23,078							
37	52	95 306	50 158,713	1 154 151,923	23,010	22,549							
38	53	94 954	49 114,049	1 103 993,209	22,478	22,017							
39	54	94 565	48 071,315	1 054 879,160	21,944	21,483							
40	55	94 155	47 039,705	1 006 807,845	21,403	20,942							
41	56	93 701	46 007,768	959 768,141	20,861	20,400							
42	57	93 219	44 984,222	913 760,373	20,313	19,852							
43	58	92 705	43 966,502	868 776,150	19,760	19,299							
44	59	92 131	42 942,951	824 809,648	19,207	18,746							
45	60	91 514	41 921,519	781 866,697	18,651	18,190							
46	61	90 819	40 887,699	739 945,178	18,097	17,636							
47	62	90 074	39 854,717	699 057,479	17,540	17,079							
48	63	89 247	38 809,833	659 202,762	16,985	16,524							
49	64	88 361	37 763,836	620 392,929	16,428	15,967							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	16	99 524	99 523,797	3 836 247,508	38,546	38,085	50	66	86 715	36 422,835	562 146,206	15,434	14,973
1	17	99 124	97 418,774	3 736 723,711	38,357	37,896	51	67	85 629	35 348,198	525 723,371	14,873	14,412
2	18	99 075	95 696,580	3 639 304,937	38,030	37,568	52	68	84 446	34 260,129	490 375,172	14,313	13,852
3	19	99 034	94 011,462	3 543 608,357	37,693	37,232	53	69	83 207	33 177,003	456 115,043	13,748	13,287
4	20	99 000	92 362,629	3 449 596,895	37,348	36,887	54	70	81 869	32 081,995	422 938,040	13,183	12,722
5	21	98 965	90 741,880	3 357 234,266	36,998	36,536	55	71	80 418	30 971,319	390 856,045	12,620	12,159
6	22	98 933	89 152,911	3 266 492,386	36,639	36,178	56	72	78 845	29 843,379	359 884,726	12,059	11,598
7	23	98 901	87 590,657	3 177 339,475	36,275	35,814	57	73	77 137	28 694,771	330 041,346	11,502	11,041
8	24	98 870	86 057,416	3 089 748,817	35,903	35,442	58	74	75 272	27 519,470	301 346,575	10,950	10,489
9	25	98 842	84 553,173	3 003 691,402	35,524	35,063	59	75	73 222	26 309,474	273 827,105	10,408	9,947
10	26	98 812	83 074,137	2 919 138,228	35,139	34,678	60	76	70 967	25 060,681	247 517,631	9,877	9,416
11	27	98 780	81 618,726	2 836 064,091	34,748	34,287	61	77	68 510	23 776,733	222 456,950	9,356	8,895
12	28	98 745	80 186,532	2 754 445,365	34,350	33,889	62	78	65 867	22 466,283	198 680,217	8,843	8,382
13	29	98 709	78 778,707	2 674 258,833	33,946	33,485	63	79	62 990	21 115,605	176 213,934	8,345	7,884
14	30	98 670	77 392,993	2 595 480,126	33,536	33,075	64	80	59 936	19 746,144	155 098,330	7,855	7,393
15	31	98 627	76 028,968	2 518 087,133	33,120	32,659	65	81	56 623	18 333,877	135 352,185	7,383	6,921
16	32	98 580	74 685,479	2 442 058,165	32,698	32,237	66	82	53 116	16 902,616	117 018,308	6,923	6,462
17	33	98 519	73 355,888	2 367 372,686	32,272	31,811	67	83	49 357	15 436,229	100 115,692	6,486	6,025
18	34	98 450	72 043,463	2 294 016,798	31,842	31,381	68	84	45 434	13 965,116	84 679,464	6,064	5,602
19	35	98 360	70 740,234	2 221 973,335	31,410	30,949	69	85	41 342	12 488,596	70 714,347	5,662	5,201
20	36	98 273	69 461,957	2 151 233,101	30,970	30,509	70	86	37 126	11 022,316	58 225,751	5,283	4,821
21	37	98 174	68 198,136	2 081 771,144	30,525	30,064	71	87	32 863	9 588,650	47 203,435	4,923	4,462
22	38	98 068	66 953,223	2 013 573,009	30,074	29,613	72	88	28 573	8 193,747	37 614,786	4,591	4,129
23	39	97 962	65 730,114	1 946 619,786	29,615	29,154	73	89	24 399	6 876,461	29 421,038	4,279	3,817
24	40	97 846	64 523,135	1 880 889,672	29,151	28,689	74	90	20 321	5 628,612	22 544,577	4,005	3,544
25	41	97 722	63 333,158	1 816 366,536	28,680	28,218	75	91	16 594	4 517,159	16 915,965	3,745	3,284
26	42	97 590	62 159,833	1 753 033,378	28,202	27,741	76	92	13 134	3 513,964	12 398,806	3,528	3,067
27	43	97 446	61 000,905	1 690 873,545	27,719	27,258	77	93	10 206	2 683,499	8 884,842	3,311	2,850
28	44	97 285	59 852,454	1 629 872,640	27,232	26,770	78	94	7 713	1 993,015	6 201,343	3,112	2,650
29	45	97 117	58 721,675	1 570 020,186	26,737	26,275	79	95	5 655	1 436,202	4 208,328	2,930	2,469
30	46	96 930	57 600,568	1 511 298,510	26,238	25,776	80	96	4 018	1 002,891	2 772,126	2,764	2,303
31	47	96 732	56 493,952	1 453 697,942	25,732	25,271	81	97	2 762	677,592	1 769,235	2,611	2,150
32	48	96 505	55 391,962	1 397 203,990	25,224	24,763	82	98	1 832	441,598	1 091,643	2,472	2,011
33	49	96 263	54 303,055	1 341 812,028	24,710	24,248	83	99	1 170	277,326	650,044	2,344	1,883
34	50	95 992	53 218,627	1 287 508,973	24,193	23,732	84	100	720	167,579	372,718	2,224	1,763
35	51	95 704	52 146,700	1 234 290,347	23,670	23,208							
36	52	95 390	51 081,486	1 182 143,647	23,142	22,681							
37	53	95 044	50 021,009	1 131 062,161	22,612	22,151							
38	54	94 669	48 966,386	1 081 041,152	22,077	21,616							
39	55	94 263	47 917,909	1 032 074,766	21,538	21,077							
40	56	93 821	46 873,035	984 156,857	20,996	20,535							
41	57	93 347	45 834,217	937 283,822	20,449	19,988							
42	58	92 847	44 804,440	891 449,605	19,896	19,435							
43	59	92 296	43 772,508	846 645,165	19,342	18,881							
44	60	91 696	42 740,174	802 872,657	18,785	18,324							
45	61	91 020	41 695,589	760 132,483	18,231	17,769							
46	62	90 297	40 652,730	718 436,895	17,673	17,211							
47	63	89 505	39 603,327	677 784,165	17,114	16,653							
48	64	88 646	38 548,338	638 180,837	16,555	16,094							
49	65	87 712	37 486,294	599 632,500	15,996	15,535							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	17	99 508	99 508,483	3 810 696,471	38,295	37,834	50	67	85 973	36 111,265	541 108,716	14,984	14,523
1	18	99 108	97 403,141	3 711 187,988	38,101	37,640	51	68	84 847	35 025,388	504 997,451	14,418	13,957
2	19	99 053	95 674,721	3 613 784,846	37,772	37,310	52	69	83 626	33 927,442	469 972,063	13,852	13,391
3	20	99 013	93 992,045	3 518 110,125	37,430	36,969	53	70	82 323	32 824,613	436 044,621	13,284	12,823
4	21	98 978	92 342,125	3 424 118,080	37,081	36,620	54	71	80 919	31 709,692	403 220,008	12,716	12,255
5	22	98 944	90 722,889	3 331 775,954	36,725	36,264	55	72	79 382	30 572,496	371 510,316	12,152	11,691
6	23	98 911	89 132,911	3 241 053,066	36,362	35,901	56	73	77 704	29 411,315	340 937,820	11,592	11,131
7	24	98 878	87 570,636	3 151 920,154	35,993	35,532	57	74	75 883	28 228,160	311 526,505	11,036	10,575
8	25	98 850	86 040,021	3 064 349,518	35,615	35,154	58	75	73 872	27 007,400	283 298,345	10,490	10,028
9	26	98 820	84 534,573	2 978 309,498	35,232	34,771	59	76	71 651	25 744,927	256 290,945	9,955	9,494
10	27	98 789	83 054,476	2 893 774,925	34,842	34,381	60	77	69 229	24 446,874	230 546,018	9,430	8,969
11	28	98 753	81 596,799	2 810 720,449	34,446	33,985	61	78	66 610	23 117,554	206 099,143	8,915	8,454
12	29	98 720	80 166,256	2 729 123,649	34,043	33,582	62	79	63 754	21 745,829	182 981,590	8,415	7,953
13	30	98 681	78 756,104	2 648 957,394	33,635	33,174	63	80	60 703	20 348,983	161 235,761	7,924	7,462
14	31	98 642	77 371,088	2 570 201,290	33,219	32,758	64	81	57 432	18 921,435	140 886,778	7,446	6,985
15	32	98 597	76 006,006	2 492 830,202	32,798	32,337	65	82	53 928	17 461,361	121 965,343	6,985	6,524
16	33	98 545	74 659,005	2 416 824,196	32,372	31,910	66	83	50 187	15 970,533	104 503,982	6,544	6,082
17	34	98 483	73 329,066	2 342 165,192	31,940	31,479	67	84	46 262	14 468,198	88 533,449	6,119	5,658
18	35	98 408	72 012,861	2 268 836,125	31,506	31,045	68	85	42 149	12 955,219	74 065,250	5,717	5,256
19	36	98 321	70 712,097	2 196 823,265	31,067	30,606	69	86	37 920	11 455,107	61 110,031	5,335	4,874
20	37	98 227	69 428,948	2 126 111,168	30,623	30,162	70	87	33 628	9 983,764	49 654,925	4,974	4,512
21	38	98 121	68 161,739	2 056 682,220	30,174	29,712	71	88	29 304	8 550,280	39 671,161	4,640	4,179
22	39	98 014	66 915,949	1 988 520,481	29,717	29,255	72	89	25 079	7 191,757	31 120,881	4,327	3,866
23	40	97 897	65 686,631	1 921 604,532	29,254	28,793	73	90	20 946	5 903,325	23 929,124	4,053	3,592
24	41	97 777	64 477,568	1 855 917,901	28,784	28,323	74	91	17 176	4 757,328	18 025,798	3,789	3,328
25	42	97 644	63 282,397	1 791 440,334	28,309	27,847	75	92	13 645	3 714,521	13 268,470	3,572	3,111
26	43	97 503	62 104,506	1 728 157,937	27,827	27,365	76	93	10 649	2 849,031	9 553,950	3,353	2,892
27	44	97 347	60 938,444	1 666 053,431	27,340	26,879	77	94	8 091	2 127,337	6 704,919	3,152	2,691
28	45	97 176	59 785,231	1 605 114,988	26,848	26,387	78	95	5 970	1 542,828	4 577,582	2,967	2,506
29	46	96 994	58 647,144	1 545 329,757	26,350	25,888	79	96	4 269	1 084,255	3 034,755	2,799	2,338
30	47	96 794	57 519,403	1 486 682,613	25,847	25,385	80	97	2 954	737,421	1 950,500	2,645	2,184
31	48	96 574	56 401,578	1 429 163,210	25,339	24,878	81	98	1 976	484,633	1 213,079	2,503	2,042
32	49	96 334	55 294,005	1 372 761,633	24,827	24,365	82	99	1 273	306,826	728,445	2,374	1,913
33	50	96 065	54 191,318	1 317 467,627	24,311	23,850	83	100	789	186,945	421,619	2,255	1,794
34	51	95 780	53 101,386	1 263 276,309	23,790	23,329							
35	52	95 470	52 019,108	1 210 174,923	23,264	22,803							
36	53	95 128	50 941,248	1 158 155,816	22,735	22,274							
37	54	94 759	49 870,619	1 107 214,567	22,202	21,741							
38	55	94 366	48 810,123	1 057 343,949	21,662	21,201							
39	56	93 929	47 748,128	1 008 533,825	21,122	20,661							
40	57	93 467	46 696,220	960 785,697	20,575	20,114							
41	58	92 974	45 651,038	914 089,477	20,023	19,562							
42	59	92 437	44 606,749	868 438,440	19,469	19,008							
43	60	91 860	43 565,814	823 831,691	18,910	18,449							
44	61	91 202	42 509,832	780 265,877	18,355	17,894							
45	62	90 497	41 455,976	737 756,045	17,796	17,335							
46	63	89 727	40 396,307	696 300,069	17,237	16,776							
47	64	88 902	39 336,486	655 903,762	16,674	16,213							
48	65	87 994	38 265,030	616 567,276	16,113	15,652							
49	66	87 027	37 193,531	578 302,246	15,548	15,087							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß 1,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	18	99 493	99 492,515	3 784 241,141	38,035	37,574	50	68	85 188	35 781,486	519 554,981	14,520	14,059
1	19	99 085	97 380,893	3 684 748,626	37,839	37,377	51	69	84 023	34 685,269	483 773,495	13,948	13,486
2	20	99 032	95 654,961	3 587 367,732	37,503	37,042	52	70	82 738	33 567,081	449 088,226	13,379	12,918
3	21	98 992	93 971,180	3 491 712,772	37,157	36,696	53	71	81 368	32 443,692	415 521,145	12,807	12,346
4	22	98 957	92 322,799	3 397 741,591	36,803	36,342	54	72	79 877	31 301,360	383 077,452	12,238	11,777
5	23	98 922	90 702,537	3 305 418,792	36,442	35,981	55	73	78 233	30 129,875	351 776,092	11,675	11,214
6	24	98 888	89 112,537	3 214 716,256	36,075	35,614	56	74	76 440	28 933,052	321 646,216	11,117	10,656
7	25	98 858	87 552,935	3 125 603,718	35,700	35,238	57	75	74 471	27 702,903	292 713,164	10,566	10,105
8	26	98 828	86 021,094	3 038 050,784	35,318	34,856	58	76	72 287	26 427,877	265 010,261	10,028	9,566
9	27	98 796	84 514,567	2 952 029,690	34,929	34,468	59	77	69 896	25 114,362	238 582,384	9,500	9,039
10	28	98 762	83 032,164	2 867 515,123	34,535	34,074	60	78	67 310	23 769,116	213 468,022	8,981	8,520
11	29	98 728	81 576,166	2 784 482,960	34,134	33,672	61	79	64 474	22 376,214	189 698,906	8,478	8,016
12	30	98 692	80 143,254	2 702 906,794	33,726	33,265	62	80	61 440	20 956,326	167 322,692	7,984	7,523
13	31	98 653	78 733,813	2 622 763,540	33,312	32,851	63	81	58 168	19 499,096	146 366,365	7,506	7,045
14	32	98 612	77 347,720	2 544 029,727	32,891	32,430	64	82	54 699	18 020,958	126 867,269	7,040	6,579
15	33	98 562	75 979,064	2 466 682,006	32,465	32,004	65	83	50 954	16 498,466	108 846,312	6,597	6,136
16	34	98 509	74 631,707	2 390 702,943	32,033	31,572	66	84	47 040	14 968,996	92 347,846	6,169	5,708
17	35	98 441	73 297,918	2 316 071,236	31,598	31,137	67	85	42 916	13 421,920	77 378,850	5,765	5,304
18	36	98 369	71 984,217	2 242 773,318	31,156	30,695	68	86	38 661	11 883,114	63 956,930	5,382	4,921
19	37	98 275	70 678,494	2 170 789,101	30,714	30,252	69	87	34 348	10 375,776	52 073,815	5,019	4,558
20	38	98 174	69 391,894	2 100 110,607	30,264	29,803	70	88	29 987	8 902,606	41 698,040	4,684	4,223
21	39	98 067	68 123,793	2 030 718,713	29,809	29,348	71	89	25 720	7 504,690	32 795,433	4,370	3,909
22	40	97 949	66 871,681	1 962 594,920	29,349	28,887	72	90	21 530	6 174,002	25 290,743	4,096	3,635
23	41	97 828	65 640,241	1 895 723,240	28,881	28,419	73	91	17 704	4 989,517	19 116,741	3,831	3,370
24	42	97 698	64 425,889	1 830 082,999	28,406	27,945	74	92	14 124	3 912,015	14 127,225	3,611	3,150
25	43	97 557	63 226,070	1 765 657,110	27,926	27,465	75	93	11 063	3 011,637	10 215,210	3,392	2,931
26	44	97 403	62 040,914	1 702 431,039	27,440	26,979	76	94	8 442	2 258,561	7 203,573	3,189	2,728
27	45	97 237	60 870,000	1 640 390,125	26,949	26,488	77	95	6 263	1 646,808	4 945,011	3,003	2,542
28	46	97 052	59 709,349	1 579 520,125	26,453	25,992	78	96	4 507	1 164,751	3 298,203	2,832	2,370
29	47	96 857	58 564,504	1 519 810,776	25,951	25,490	79	97	3 139	797,247	2 133,451	2,676	2,215
30	48	96 635	57 425,352	1 461 246,272	25,446	24,985	80	98	2 113	527,425	1 336,204	2,533	2,072
31	49	96 403	56 301,836	1 403 820,920	24,934	24,473	81	99	1 373	336,727	808,779	2,402	1,941
32	50	96 136	55 180,229	1 347 519,085	24,420	23,959	82	100	858	206,831	472,052	2,282	1,821
33	51	95 853	54 071,935	1 292 338,855	23,900	23,439							
34	52	95 546	52 971,458	1 238 266,920	23,376	22,915							
35	53	95 208	51 876,296	1 185 295,463	22,848	22,387							
36	54	94 842	50 788,091	1 133 419,167	22,317	21,855							
37	55	94 456	49 711,471	1 082 631,075	21,778	21,317							
38	56	94 032	48 637,181	1 032 919,605	21,237	20,776							
39	57	93 574	47 568,012	984 282,424	20,692	20,231							
40	58	93 093	46 509,596	936 714,412	20,140	19,679							
41	59	92 564	45 449,611	890 204,816	19,587	19,125							
42	60	92 001	44 396,115	844 755,205	19,028	18,566							
43	61	91 365	43 331,022	800 359,090	18,471	18,010							
44	62	90 678	42 265,540	757 028,068	17,911	17,450							
45	63	89 927	41 194,487	714 762,528	17,351	16,890							
46	64	89 123	40 124,122	673 568,041	16,787	16,326							
47	65	88 249	39 047,386	633 443,919	16,222	15,761							
48	66	87 307	37 966,185	594 396,533	15,656	15,195							
49	67	86 283	36 875,367	556 430,348	15,089	14,628							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	19	99 470	99 469,790	3 756 888,257	37,769	37,308	50	69	84 361	35 434,025	497 517,010	14,041	13,579
1	20	99 065	97 360,780	3 657 418,467	37,566	37,104	51	70	83 131	34 316,859	462 082,985	13,465	13,004
2	21	99 010	95 633,726	3 560 057,687	37,226	36,765	52	71	81 778	33 177,544	427 766,126	12,893	12,432
3	22	98 971	93 951,513	3 464 423,960	36,875	36,413	53	72	80 320	32 025,909	394 588,581	12,321	11,860
4	23	98 935	92 302,088	3 370 472,448	36,516	36,054	54	73	78 721	30 848,188	362 562,673	11,753	11,292
5	24	98 899	90 681,804	3 278 170,359	36,150	35,689	55	74	76 961	29 639,928	331 714,485	11,191	10,730
6	25	98 868	89 094,524	3 187 488,555	35,776	35,315	56	75	75 018	28 394,679	302 074,557	10,638	10,177
7	26	98 836	87 533,675	3 098 394,031	35,397	34,935	57	76	72 873	27 108,457	273 679,878	10,096	9,635
8	27	98 805	86 000,735	3 010 860,356	35,010	34,549	58	77	70 516	25 780,584	246 571,421	9,564	9,103
9	28	98 770	84 491,862	2 924 859,621	34,617	34,156	59	78	67 958	24 418,098	220 790,837	9,042	8,581
10	29	98 737	83 011,167	2 840 367,759	34,217	33,755	60	79	65 151	23 006,882	196 372,739	8,535	8,074
11	30	98 700	81 552,760	2 757 356,592	33,811	33,350	61	80	62 133	21 563,825	173 365,857	8,040	7,578
12	31	98 664	80 120,571	2 675 803,832	33,397	32,936	62	81	58 874	20 081,073	151 802,032	7,559	7,098
13	32	98 623	78 710,034	2 595 683,261	32,978	32,517	63	82	55 400	18 571,127	131 720,959	7,093	6,632
14	33	98 577	77 320,302	2 516 973,227	32,553	32,091	64	83	51 683	17 027,204	113 149,832	6,645	6,184
15	34	98 526	75 951,283	2 439 652,925	32,121	31,660	65	84	47 759	15 463,821	96 122,627	6,216	5,755
16	35	98 467	74 600,005	2 363 701,642	31,685	31,224	66	85	43 638	13 886,502	80 658,806	5,808	5,347
17	36	98 402	73 268,763	2 289 101,637	31,243	30,781	67	86	39 365	12 311,194	66 772,304	5,424	4,963
18	37	98 322	71 950,009	2 215 832,873	30,797	30,336	68	87	35 018	10 763,455	54 461,110	5,060	4,599
19	38	98 222	70 640,774	2 143 882,864	30,349	29,888	69	88	30 628	9 252,167	43 697,654	4,723	4,262
20	39	98 119	69 353,263	2 073 242,090	29,894	29,433	70	89	26 320	7 813,932	34 445,488	4,408	3,947
21	40	98 002	68 078,725	2 003 888,827	29,435	28,974	71	90	22 080	6 442,649	26 631,556	4,134	3,672
22	41	97 880	66 824,454	1 935 810,102	28,969	28,507	72	91	18 197	5 218,294	20 188,907	3,869	3,408
23	42	97 749	65 587,631	1 868 985,648	28,496	28,035	73	92	14 558	4 102,947	14 970,613	3,649	3,188
24	43	97 611	64 368,544	1 803 398,017	28,017	27,556	74	93	11 451	3 171,760	10 867,666	3,426	2,965
25	44	97 457	63 161,330	1 739 029,473	27,533	27,072	75	94	8 770	2 387,467	7 695,906	3,223	2,762
26	45	97 294	61 971,233	1 675 868,142	27,043	26,581	76	95	6 535	1 748,392	5 308,439	3,036	2,575
27	46	97 114	60 792,742	1 613 896,910	26,548	26,086	77	96	4 728	1 243,251	3 560,047	2,863	2,402
28	47	96 916	59 625,212	1 553 104,167	26,048	25,587	78	97	3 314	856,436	2 316,796	2,705	2,244
29	48	96 699	58 468,744	1 493 478,955	25,543	25,082	79	98	2 245	570,214	1 460,360	2,561	2,100
30	49	96 464	57 323,799	1 435 010,212	25,033	24,572	80	99	1 468	366,459	890,145	2,429	1,968
31	50	96 204	56 185,986	1 377 686,413	24,520	24,059	81	100	925	226,987	523,686	2,307	1,846
32	51	95 924	55 058,667	1 321 500,426	24,002	23,540							
33	52	95 619	53 939,632	1 266 441,759	23,479	23,018							
34	53	95 284	52 826,032	1 212 502,127	22,953	22,492							
35	54	94 922	51 720,328	1 159 676,095	22,422	21,961							
36	55	94 539	50 626,015	1 107 955,768	21,885	21,424							
37	56	94 121	49 535,335	1 057 329,753	21,345	20,884							
38	57	93 677	48 453,711	1 007 794,418	20,799	20,338							
39	58	93 200	47 377,903	959 340,706	20,249	19,787							
40	59	92 683	46 304,381	911 962,803	19,695	19,234							
41	60	92 127	45 234,997	865 658,422	19,137	18,676							
42	61	91 505	44 156,848	820 423,425	18,580	18,119							
43	62	90 840	43 082,011	776 266,577	18,018	17,557							
44	63	90 106	41 998,944	733 184,565	17,457	16,996							
45	64	89 321	40 916,924	691 185,621	16,892	16,431							
46	65	88 468	39 829,233	650 268,697	16,326	15,865							
47	66	87 560	38 742,431	610 439,464	15,756	15,295							
48	67	86 560	37 641,412	571 697,033	15,188	14,727							
49	68	85 495	36 538,610	534 055,620	14,616	14,155							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	20	99 449	99 449,245	3 728 650,447	37,493	37,032	50	70	83 465	35 057,662	475 026,383	13,550	13,089
1	21	99 043	97 339,167	3 629 201,202	37,284	36,823	51	71	82 166	33 918,622	439 968,721	12,971	12,510
2	22	98 989	95 613,711	3 531 862,035	36,939	36,478	52	72	80 724	32 750,311	406 050,099	12,398	11,937
3	23	98 949	93 930,437	3 436 248,324	36,583	36,122	53	73	79 157	31 562,247	373 299,788	11,827	11,366
4	24	98 912	92 280,990	3 342 317,887	36,219	35,758	54	74	77 440	30 346,560	341 737,542	11,261	10,800
5	25	98 879	90 663,474	3 250 036,897	35,847	35,386	55	75	75 529	29 088,401	311 390,982	10,705	10,244
6	26	98 847	89 074,925	3 159 373,424	35,469	35,008	56	76	73 408	27 785,388	282 302,581	10,160	9,699
7	27	98 813	87 512,959	3 070 298,498	35,084	34,623	57	77	71 088	26 444,494	254 517,193	9,625	9,163
8	28	98 778	85 977,631	2 982 785,540	34,693	34,231	58	78	68 561	25 065,851	228 072,699	9,099	8,638
9	29	98 745	84 470,496	2 896 807,908	34,294	33,833	59	79	65 779	23 635,053	203 006,848	8,589	8,128
10	30	98 709	82 987,350	2 812 337,412	33,889	33,428	60	80	62 786	22 171,596	179 371,795	8,090	7,629
11	31	98 672	81 529,678	2 729 350,062	33,477	33,016	61	81	59 538	20 663,199	157 200,199	7,608	7,147
12	32	98 634	80 096,373	2 647 820,385	33,058	32,597	62	82	56 072	19 125,408	136 537,000	7,139	6,678
13	33	98 588	78 682,133	2 567 724,012	32,634	32,173	63	83	52 345	17 547,035	117 411,592	6,691	6,230
14	34	98 541	77 292,031	2 489 041,879	32,203	31,742	64	84	48 442	15 959,401	99 864,557	6,257	5,796
15	35	98 484	75 919,021	2 411 749,847	31,767	31,306	65	85	44 305	14 345,544	83 905,156	5,849	5,388
16	36	98 428	74 570,332	2 335 830,827	31,324	30,863	66	86	40 027	12 737,330	69 559,612	5,461	5,000
17	37	98 355	73 233,945	2 261 260,494	30,877	30,416	67	87	35 656	11 151,200	56 822,282	5,096	4,634
18	38	98 269	71 911,611	2 188 026,549	30,427	29,965	68	88	31 226	9 597,864	45 671,082	4,758	4,297
19	39	98 167	70 601,447	2 116 114,938	29,973	29,511	69	89	26 883	8 120,746	36 073,218	4,442	3,981
20	40	98 055	69 307,382	2 045 513,491	29,514	29,052	70	90	22 595	6 708,128	27 952,473	4,167	3,706
21	41	97 933	68 030,646	1 976 206,109	29,049	28,588	71	91	18 663	5 445,356	21 244,345	3,901	3,440
22	42	97 801	66 770,895	1 908 175,463	28,578	28,117	72	92	14 964	4 291,073	15 798,989	3,682	3,221
23	43	97 662	65 529,252	1 841 404,568	28,100	27,639	73	93	11 803	3 326,563	11 507,916	3,459	2,998
24	44	97 511	64 302,635	1 775 875,316	27,617	27,156	74	94	9 078	2 514,405	8 181,353	3,254	2,793
25	45	97 347	63 090,390	1 711 572,681	27,129	26,668	75	95	6 789	1 848,180	5 666,948	3,066	2,605
26	46	97 170	61 892,577	1 648 482,291	26,635	26,173	76	96	4 934	1 319,941	3 818,769	2,893	2,432
27	47	96 977	60 707,078	1 586 589,714	26,135	25,674	77	97	3 477	914,157	2 498,827	2,733	2,272
28	48	96 757	59 527,718	1 525 882,635	25,633	25,172	78	98	2 370	612,548	1 584,670	2,587	2,126
29	49	96 528	58 365,346	1 466 354,917	25,124	24,663	79	99	1 560	396,190	972,123	2,454	1,992
30	50	96 266	57 205,847	1 407 989,571	24,613	24,151	80	100	990	247,029	575,933	2,331	1,870
31	51	95 992	56 062,209	1 350 783,725	24,094	23,633							
32	52	95 689	54 923,950	1 294 721,516	23,573	23,112							
33	53	95 356	53 791,548	1 239 797,566	23,048	22,587							
34	54	94 997	52 667,208	1 186 006,018	22,519	22,058							
35	55	94 619	51 555,277	1 133 338,810	21,983	21,522							
36	56	94 204	50 446,639	1 081 783,534	21,444	20,983							
37	57	93 766	49 348,477	1 031 336,895	20,899	20,438							
38	58	93 303	48 260,063	981 988,418	20,348	19,887							
39	59	92 789	47 168,857	933 728,355	19,795	19,334							
40	60	92 245	46 085,731	886 559,497	19,237	18,776							
41	61	91 630	44 991,210	840 473,767	18,681	18,220							
42	62	90 979	43 903,092	795 482,557	18,119	17,658							
43	63	90 267	42 810,265	751 579,465	17,556	17,095							
44	64	89 499	41 715,961	708 769,200	16,990	16,529							
45	65	88 664	40 616,209	667 053,239	16,423	15,962							
46	66	87 777	39 518,172	626 437,030	15,852	15,391							
47	67	86 811	38 411,018	586 918,858	15,280	14,819							
48	68	85 770	37 297,660	548 507,840	14,706	14,245							
49	69	84 664	36 183,798	511 210,180	14,128	13,667							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	21	99 427	99 427,169	3 699 530,829	37,208	36,747
1	22	99 022	97 318,795	3 600 103,660	36,993	36,532
2	23	98 967	95 592,262	3 502 784,865	36,643	36,182
3	24	98 926	93 908,966	3 407 192,603	36,282	35,821
4	25	98 892	92 262,336	3 313 283,637	35,912	35,450
5	26	98 857	90 643,530	3 221 021,300	35,535	35,074
6	27	98 823	89 053,844	3 130 377,771	35,152	34,690
7	28	98 786	87 489,448	3 041 323,927	34,762	34,301
8	29	98 753	85 955,890	2 953 834,478	34,365	33,903
9	30	98 717	84 446,260	2 867 878,588	33,961	33,500
10	31	98 681	82 963,862	2 783 432,328	33,550	33,089
11	32	98 642	81 505,054	2 700 468,467	33,133	32,671
12	33	98 599	80 067,981	2 618 963,413	32,709	32,248
13	34	98 552	78 653,364	2 538 895,432	32,280	31,818
14	35	98 499	77 259,200	2 460 242,068	31,844	31,383
15	36	98 445	75 888,823	2 382 982,868	31,401	30,940
16	37	98 381	74 534,896	2 307 094,045	30,953	30,492
17	38	98 303	73 194,861	2 232 559,149	30,502	30,040
18	39	98 215	71 871,577	2 159 364,288	30,045	29,584
19	40	98 103	70 554,741	2 087 492,711	29,587	29,126
20	41	97 985	69 258,436	2 016 937,971	29,122	28,661
21	42	97 854	67 976,120	1 947 679,535	28,652	28,191
22	43	97 714	66 711,463	1 879 703,415	28,177	27,715
23	44	97 562	65 462,154	1 812 991,952	27,695	27,234
24	45	97 402	64 230,413	1 747 529,798	27,207	26,746
25	46	97 224	63 010,314	1 683 299,385	26,715	26,253
26	47	97 033	61 805,363	1 620 289,071	26,216	25,755
27	48	96 818	60 607,815	1 558 483,708	25,714	25,253
28	49	96 586	59 422,447	1 497 875,892	25,207	24,746
29	50	96 329	58 245,251	1 438 453,445	24,696	24,235
30	51	96 054	57 079,822	1 380 208,195	24,180	23,719
31	52	95 758	55 925,036	1 323 128,372	23,659	23,198
32	53	95 427	54 773,164	1 267 203,336	23,135	22,674
33	54	95 070	53 629,821	1 212 430,173	22,607	22,146
34	55	94 694	52 499,135	1 158 800,352	22,073	21,612
35	56	94 284	51 372,608	1 106 301,216	21,535	21,074
36	57	93 849	50 256,344	1 054 928,609	20,991	20,530
37	58	93 392	49 151,253	1 004 672,265	20,440	19,979
38	59	92 891	48 047,125	955 521,012	19,887	19,426
39	60	92 351	46 946,125	907 473,887	19,330	18,869
40	61	91 748	45 837,358	860 527,762	18,774	18,312
41	62	91 104	44 732,658	814 690,404	18,212	17,751
42	63	90 405	43 626,167	769 957,746	17,649	17,188
43	64	89 659	42 521,816	726 331,579	17,081	16,620
44	65	88 841	41 409,373	683 809,763	16,513	16,052
45	66	87 972	40 299,001	642 400,390	15,941	15,480
46	67	87 026	39 180,123	602 101,388	15,368	14,906
47	68	86 018	38 060,237	562 921,265	14,790	14,329
48	69	84 937	36 935,476	524 861,028	14,210	13,749
49	70	83 765	35 799,471	487 925,552	13,629	13,168
50	71	82 496	34 650,828	452 126,082	13,048	12,587
51	72	81 108	33 481,845	417 475,254	12,469	12,008
52	73	79 556	32 276,161	383 993,409	11,897	11,436
53	74	77 870	31 049,007	351 717,248	11,328	10,867
54	75	76 000	29 781,885	320 668,242	10,767	10,306
55	76	73 908	28 464,225	290 886,357	10,219	9,758
56	77	71 610	27 104,846	262 422,133	9,682	9,221
57	78	69 117	25 711,355	235 317,287	9,152	8,691
58	79	66 363	24 262,032	209 605,932	8,639	8,178
59	80	63 391	22 776,960	185 343,900	8,137	7,676
60	81	60 164	21 245,587	162 566,939	7,652	7,191
61	82	56 705	19 679,830	141 321,353	7,181	6,720
62	83	52 980	18 070,750	121 641,523	6,731	6,270
63	84	49 062	16 446,633	103 570,772	6,297	5,836
64	85	44 939	14 805,286	87 124,139	5,885	5,423
65	86	40 639	13 158,384	72 318,854	5,496	5,035
66	87	36 255	11 537,184	59 160,470	5,128	4,667
67	88	31 794	9 943,619	47 623,286	4,789	4,328
68	89	27 407	8 424,168	37 679,666	4,473	4,012
69	90	23 078	6 971,522	29 255,498	4,196	3,735
70	91	19 097	5 669,739	22 283,976	3,930	3,469
71	92	15 346	4 477,789	16 614,237	3,710	3,249
72	93	12 132	3 479,091	12 136,447	3,488	3,027
73	94	9 357	2 637,124	8 657,356	3,283	2,822
74	95	7 027	1 946,444	6 020,232	3,093	2,632
75	96	5 126	1 395,276	4 073,788	2,920	2,458
76	97	3 628	970,547	2 678,512	2,760	2,299
77	98	2 487	653,831	1 707,966	2,612	2,151
78	99	1 647	425,603	1 054,134	2,477	2,016
79	100	1 052	267,070	628,531	2,353	1,892

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	22	99 406	99 406,360	3 669 535,694	36,914	36,453
1	23	99 000	97 296,963	3 570 129,334	36,693	36,232
2	24	98 945	95 570,411	3 472 832,371	36,338	35,877
3	25	98 906	93 889,984	3 377 261,959	35,970	35,509
4	26	98 870	92 242,041	3 283 371,976	35,595	35,134
5	27	98 834	90 622,077	3 191 129,935	35,214	34,752
6	28	98 797	89 029,920	3 100 507,858	34,825	34,364
7	29	98 761	87 467,325	3 011 477,937	34,430	33,969
8	30	98 725	85 931,227	2 924 010,613	34,027	33,566
9	31	98 689	84 422,359	2 838 079,385	33,618	33,156
10	32	98 651	82 938,804	2 753 657,026	33,201	32,740
11	33	98 607	81 476,162	2 670 718,222	32,779	32,318
12	34	98 563	80 038,705	2 589 242,059	32,350	31,889
13	35	98 510	78 619,954	2 509 203,354	31,916	31,454
14	36	98 460	77 228,469	2 430 583,400	31,473	31,011
15	37	98 398	75 852,760	2 353 354,931	31,025	30,564
16	38	98 328	74 495,117	2 277 502,171	30,573	30,111
17	39	98 248	73 154,113	2 203 007,053	30,115	29,653
18	40	98 150	71 824,030	2 129 852,940	29,654	29,193
19	41	98 033	70 504,913	2 058 028,911	29,190	28,729
20	42	97 907	69 202,925	1 987 523,998	28,720	28,259
21	43	97 767	67 915,616	1 918 321,072	28,246	27,784
22	44	97 614	66 643,154	1 850 405,457	27,766	27,305
23	45	97 453	65 388,630	1 783 762,302	27,279	26,818
24	46	97 278	64 148,890	1 718 373,673	26,787	26,326
25	47	97 087	62 921,526	1 654 224,783	26,290	25,829
26	48	96 875	61 704,304	1 591 303,257	25,789	25,328
27	49	96 647	60 500,635	1 529 598,953	25,282	24,821
28	50	96 387	59 300,177	1 469 098,318	24,774	24,313
29	51	96 117	58 116,936	1 409 798,141	24,258	23,797
30	52	95 819	56 940,160	1 351 681,205	23,739	23,277
31	53	95 495	55 771,501	1 294 741,045	23,215	22,754
32	54	95 140	54 608,486	1 238 969,544	22,688	22,227
33	55	94 766	53 458,677	1 184 361,059	22,155	21,693
34	56	94 358	52 313,122	1 130 902,382	21,618	21,157
35	57	93 928	51 178,820	1 078 589,260	21,075	20,614
36	58	93 474	50 055,491	1 027 410,441	20,525	20,064
37	59	92 980	48 934,382	977 354,950	19,973	19,512
38	60	92 453	47 820,245	928 420,567	19,415	18,954
39	61	91 853	46 693,116	880 600,322	18,859	18,398
40	62	91 221	45 573,945	833 907,206	18,298	17,837
41	63	90 529	44 450,501	788 333,262	17,735	17,274
42	64	89 796	43 332,220	743 882,761	17,167	16,706
43	65	89 000	42 209,305	700 550,541	16,597	16,136
44	66	88 147	41 085,971	658 341,236	16,024	15,562
45	67	87 219	39 954,273	617 255,265	15,449	14,988
46	68	86 231	38 822,319	577 300,991	14,870	14,409
47	69	85 183	37 690,648	538 478,673	14,287	13,826
48	70	84 035	36 543,165	500 788,025	13,704	13,243
49	71	82 793	35 384,028	464 244,860	13,120	12,659
50	72	81 434	34 204,622	428 860,832	12,538	12,077
51	73	79 934	32 997,104	394 656,210	11,960	11,499
52	74	78 262	31 751,312	361 659,106	11,390	10,929
53	75	76 421	30 471,261	329 907,794	10,827	10,366
54	76	74 369	29 142,827	299 436,533	10,275	9,814
55	77	72 098	27 767,056	270 293,706	9,734	9,273
56	78	69 625	26 353,399	242 526,650	9,203	8,742
57	79	66 901	24 886,836	216 173,251	8,686	8,225
58	80	63 953	23 381,177	191 286,415	8,181	7,720
59	81	60 743	21 825,667	167 905,238	7,693	7,232
60	82	57 300	20 234,502	146 079,571	7,219	6,758
61	83	53 578	18 594,600	125 845,069	6,768	6,307
62	84	49 657	16 937,505	107 250,470	6,332	5,871
63	85	45 514	15 257,283	90 312,964	5,919	5,458
64	86	41 220	13 580,080	75 055,682	5,527	5,066
65	87	36 810	11 918,566	61 475,602	5,158	4,697
66	88	32 329	10 287,804	49 557,036	4,817	4,356
67	89	27 906	8 727,642	39 269,232	4,499	4,038
68	90	23 529	7 232,006	30 541,590	4,223	3,762
69	91	19 506	5 892,361	23 309,584	3,956	3,495
70	92	15 704	4 662,303	17 417,223	3,736	3,275
71	93	12 442	3 630,476	12 754,920	3,513	3,052
72	94	9 618	2 758,040	9 124,444	3,308	2,847
73	95	7 244	2 041,443	6 366,404	3,119	2,657
74	96	5 305	1 469,460	4 324,961	2,943	2,482
75	97	3 769	1 025,940	2 855,501	2,783	2,322
76	98	2 595	694,163	1 829,561	2,636	2,174
77	99	1 728	454,287	1 135,398	2,499	2,038
78	100	1 110	286,898	681,110	2,374	1,913

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	23	99 384	99 384,060	3 638 667,842	36,612	36,151	50	73	80 255	33 709,417	405 284,542	12,023	11,562
1	24	98 977	97 274,723	3 539 283,783	36,384	35,923	51	74	78 634	32 460,532	371 575,125	11,447	10,986
2	25	98 925	95 551,093	3 442 009,059	36,023	35,562	52	75	76 806	31 160,498	339 114,593	10,883	10,422
3	26	98 884	93 869,330	3 346 457,966	35,650	35,189	53	76	74 781	29 817,411	307 954,095	10,328	9,867
4	27	98 847	92 220,210	3 252 588,636	35,270	34,809	54	77	72 547	28 429,037	278 136,684	9,784	9,322
5	28	98 807	90 597,732	3 160 368,426	34,884	34,422	55	78	70 099	26 997,250	249 707,647	9,249	8,788
6	29	98 772	89 007,407	3 069 770,695	34,489	34,028	56	79	67 392	25 508,291	222 710,397	8,731	8,270
7	30	98 733	87 442,229	2 980 763,288	34,088	33,627	57	80	64 472	23 983,297	197 202,106	8,222	7,761
8	31	98 697	85 906,906	2 893 321,059	33,680	33,219	58	81	61 282	22 404,649	173 218,809	7,731	7,270
9	32	98 659	84 396,862	2 807 414,153	33,264	32,803	59	82	57 852	20 786,976	150 814,160	7,255	6,794
10	33	98 616	82 909,405	2 723 017,291	32,843	32,382	60	83	54 141	19 118,684	130 027,184	6,801	6,340
11	34	98 571	81 446,372	2 640 107,887	32,415	31,954	61	84	50 218	17 428,503	110 908,500	6,364	5,902
12	35	98 521	80 004,707	2 558 661,515	31,981	31,520	62	85	46 066	15 712,657	93 479,997	5,949	5,488
13	36	98 471	78 588,683	2 478 656,808	31,540	31,078	63	86	41 748	13 994,672	77 767,340	5,557	5,096
14	37	98 413	77 191,769	2 400 068,125	31,092	30,631	64	87	37 336	12 300,528	63 772,668	5,185	4,723
15	38	98 346	75 812,279	2 322 876,356	30,640	30,179	65	88	32 823	10 627,885	51 472,140	4,843	4,382
16	39	98 274	74 453,645	2 247 064,077	30,181	29,720	66	89	28 376	9 029,738	40 844,255	4,523	4,062
17	40	98 183	73 105,718	2 172 610,432	29,719	29,258	67	90	23 957	7 492,533	31 814,517	4,246	3,785
18	41	98 080	71 773,306	2 099 504,715	29,252	28,791	68	91	19 887	6 112,523	24 321,984	3,979	3,518
19	42	97 955	70 448,404	2 027 731,409	28,783	28,322	69	92	16 040	4 845,368	18 209,461	3,758	3,297
20	43	97 820	69 141,329	1 957 283,005	28,308	27,847	70	93	12 732	3 780,074	13 364,093	3,535	3,074
21	44	97 667	67 846,074	1 888 141,677	27,830	27,369	71	94	9 864	2 878,050	9 584,018	3,330	2,869
22	45	97 505	66 568,304	1 820 295,603	27,345	26,884	72	95	7 445	2 135,047	6 705,968	3,141	2,680
23	46	97 329	65 305,636	1 753 727,299	26,854	26,393	73	96	5 468	1 541,179	4 570,922	2,966	2,505
24	47	97 141	64 058,047	1 688 421,662	26,357	25,896	74	97	3 901	1 080,487	3 029,742	2,804	2,343
25	48	96 928	62 818,642	1 624 363,165	25,858	25,397	75	98	2 696	733,782	1 949,255	2,656	2,195
26	49	96 703	61 595,185	1 561 544,524	25,352	24,891	76	99	1 803	482,310	1 215,473	2,520	2,059
27	50	96 448	60 376,145	1 499 949,339	24,843	24,382	77	100	1 165	306,234	733,163	2,394	1,933
28	51	96 175	59 169,539	1 439 573,194	24,330	23,868							
29	52	95 882	57 974,736	1 380 403,655	23,810	23,349							
30	53	95 556	56 783,838	1 322 428,919	23,289	22,828							
31	54	95 208	55 603,822	1 265 645,081	22,762	22,301							
32	55	94 836	54 434,218	1 210 041,260	22,229	21,768							
33	56	94 431	53 269,264	1 155 607,042	21,694	21,232							
34	57	94 003	52 115,786	1 102 337,778	21,152	20,691							
35	58	93 553	50 974,280	1 050 221,992	20,603	20,142							
36	59	93 062	49 834,631	999 247,712	20,051	19,590							
37	60	92 541	48 703,313	949 413,081	19,494	19,033							
38	61	91 954	47 562,525	900 709,768	18,937	18,476							
39	62	91 326	46 424,784	853 147,243	18,377	17,916							
40	63	90 645	45 286,480	806 722,459	17,814	17,353							
41	64	89 919	44 150,999	761 435,979	17,246	16,785							
42	65	89 136	43 013,753	717 284,979	16,676	16,215							
43	66	88 305	41 879,656	674 271,226	16,100	15,639							
44	67	87 393	40 734,511	632 391,570	15,525	15,064							
45	68	86 423	39 589,399	591 657,058	14,945	14,484							
46	69	85 394	38 445,329	552 067,660	14,360	13,899							
47	70	84 278	37 290,316	513 622,330	13,774	13,312							
48	71	83 059	36 119,092	476 332,014	13,188	12,727							
49	72	81 727	34 928,381	440 212,923	12,603	12,142							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	24	99 361	99 361,342	3 606 932,199	36,301	35,840	50	74	78 950	33 161,262	381 461,238	11,503	11,042
1	25	98 957	97 255,060	3 507 570,857	36,066	35,604	51	75	77 171	31 856,521	348 299,976	10,933	10,472
2	26	98 903	95 530,074	3 410 315,796	35,699	35,238	52	76	75 158	30 491,858	316 443,455	10,378	9,917
3	27	98 861	93 847,114	3 314 785,722	35,321	34,860	53	77	72 950	29 087,098	285 951,597	9,831	9,370
4	28	98 821	92 195,435	3 220 938,608	34,936	34,475	54	78	70 536	27 640,879	256 864,498	9,293	8,832
5	29	98 782	90 574,822	3 128 743,173	34,543	34,082	55	79	67 851	26 131,495	229 223,619	8,772	8,311
6	30	98 743	88 981,869	3 038 168,351	34,144	33,682	56	80	64 945	24 582,189	203 092,124	8,262	7,801
7	31	98 705	87 417,480	2 949 186,482	33,737	33,276	57	81	61 779	22 981,621	178 509,935	7,768	7,306
8	32	98 667	85 880,960	2 861 769,002	33,323	32,861	58	82	58 366	21 338,403	155 528,314	7,289	6,827
9	33	98 624	84 366,945	2 775 888,042	32,903	32,441	59	83	54 662	19 640,693	134 189,911	6,832	6,371
10	34	98 580	82 879,090	2 691 521,097	32,475	32,014	60	84	50 745	17 919,721	114 549,218	6,392	5,931
11	35	98 529	81 411,775	2 608 642,007	32,043	31,581	61	85	46 586	16 168,148	96 629,497	5,977	5,515
12	36	98 482	79 972,884	2 527 230,231	31,601	31,140	62	86	42 254	14 412,362	80 461,349	5,583	5,122
13	37	98 424	78 551,336	2 447 257,347	31,155	30,694	63	87	37 814	12 676,056	66 048,987	5,211	4,749
14	38	98 361	77 150,573	2 368 706,011	30,702	30,241	64	88	33 293	10 968,484	53 372,931	4,866	4,405
15	39	98 291	75 770,073	2 291 555,437	30,244	29,782	65	89	28 810	9 328,231	42 404,446	4,546	4,085
16	40	98 209	74 404,390	2 215 785,364	29,780	29,319	66	90	24 360	7 751,877	33 076,215	4,267	3,806
17	41	98 114	73 054,088	2 141 380,974	29,312	28,851	67	91	20 249	6 332,722	25 324,338	3,999	3,538
18	42	98 002	71 715,780	2 068 326,886	28,841	28,379	68	92	16 353	5 026,410	18 991,616	3,778	3,317
19	43	97 867	70 385,698	1 996 611,106	28,367	27,906	69	93	13 005	3 928,499	13 965,206	3,555	3,094
20	44	97 719	69 070,532	1 926 225,408	27,888	27,427	70	94	10 094	2 996,644	10 036,707	3,349	2,888
21	45	97 557	67 769,872	1 857 154,875	27,404	26,943	71	95	7 636	2 227,948	7 040,063	3,160	2,699
22	46	97 381	66 483,813	1 789 385,003	26,915	26,453	72	96	5 621	1 611,845	4 812,115	2,985	2,524
23	47	97 192	65 213,614	1 722 901,190	26,419	25,958	73	97	4 021	1 133,222	3 200,270	2,824	2,363
24	48	96 982	63 953,754	1 657 687,576	25,920	25,459	74	98	2 790	772,796	2 067,048	2,675	2,214
25	49	96 757	62 707,551	1 593 733,823	25,415	24,954	75	99	1 873	509,838	1 294,252	2,539	2,077
26	50	96 504	61 468,443	1 531 026,271	24,908	24,446	76	100	1 215	325,124	784,414	2,413	1,951
27	51	96 236	60 243,137	1 469 557,828	24,394	23,933							
28	52	95 940	59 024,763	1 409 314,691	23,877	23,415							
29	53	95 619	57 815,574	1 350 289,928	23,355	22,894							
30	54	95 269	56 613,115	1 292 474,354	22,830	22,369							
31	55	94 904	55 426,378	1 235 861,239	22,297	21,836							
32	56	94 500	54 241,349	1 180 434,862	21,763	21,301							
33	57	94 074	53 068,321	1 126 193,513	21,222	20,760							
34	58	93 627	51 907,502	1 073 125,192	20,674	20,213							
35	59	93 140	50 749,366	1 021 217,690	20,123	19,662							
36	60	92 622	49 599,310	970 468,324	19,566	19,105							
37	61	92 042	48 440,834	920 869,014	19,010	18,549							
38	62	91 426	47 289,197	872 428,180	18,449	17,988							
39	63	90 749	46 131,953	825 138,983	17,886	17,425							
40	64	90 035	44 981,346	779 007,030	17,318	16,857							
41	65	89 258	43 826,516	734 025,684	16,748	16,287							
42	66	88 440	42 677,822	690 199,168	16,172	15,711							
43	67	87 549	41 521,407	647 521,347	15,595	15,134							
44	68	86 595	40 362,511	605 999,940	15,014	14,553							
45	69	85 583	39 204,961	565 637,429	14,428	13,966							
46	70	84 487	38 036,982	526 432,468	13,840	13,379							
47	71	83 300	36 857,572	488 395,487	13,251	12,790							
48	72	81 990	35 653,979	451 537,914	12,664	12,203							
49	73	80 544	34 422,697	415 883,935	12,082	11,620							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	25	99 341	99 341,258	3 574 331,966	35,980	35,519	50	75	77 481	32 544,212	357 459,481	10,984	10,523
1	26	98 935	97 233,666	3 474 990,708	35,739	35,277	51	76	75 515	31 172,946	324 915,269	10,423	9,962
2	27	98 879	95 507,465	3 377 757,042	35,366	34,905	52	77	73 317	29 745,027	293 742,323	9,875	9,414
3	28	98 834	93 821,902	3 282 249,577	34,984	34,523	53	78	70 927	28 280,696	263 997,296	9,335	8,874
4	29	98 796	92 172,122	3 188 427,675	34,592	34,131	54	79	68 274	26 754,484	235 716,600	8,810	8,349
5	30	98 754	90 548,834	3 096 255,553	34,194	33,733	55	80	65 388	25 182,767	208 962,116	8,298	7,837
6	31	98 715	88 956,684	3 005 706,719	33,788	33,327	56	81	62 233	23 555,500	183 779,349	7,802	7,341
7	32	98 675	87 391,077	2 916 750,034	33,376	32,915	57	82	58 839	21 887,917	160 223,849	7,320	6,859
8	33	98 632	85 850,518	2 829 358,957	32,957	32,496	58	83	55 147	20 161,712	138 335,931	6,861	6,400
9	34	98 588	84 336,098	2 743 508,439	32,531	32,069	59	84	51 234	18 408,994	118 174,220	6,419	5,958
10	35	98 538	82 843,885	2 659 172,342	32,099	31,637	60	85	47 076	16 623,844	99 765,226	6,001	5,540
11	36	98 490	81 379,394	2 576 328,457	31,658	31,197	61	86	42 731	14 830,159	83 141,382	5,606	5,145
12	37	98 435	79 934,880	2 494 949,063	31,212	30,751	62	87	38 273	13 054,391	68 311,223	5,233	4,772
13	38	98 371	78 509,415	2 415 014,183	30,761	30,300	63	88	33 719	11 303,346	55 256,833	4,889	4,427
14	39	98 306	77 107,622	2 336 504,768	30,302	29,841	64	89	29 221	9 627,180	43 953,487	4,566	4,104
15	40	98 226	75 719,947	2 259 397,146	29,839	29,378	65	90	24 733	8 008,128	34 326,307	4,286	3,825
16	41	98 139	74 351,844	2 183 677,199	29,370	28,908	66	91	20 589	6 551,921	26 318,178	4,017	3,556
17	42	98 035	72 995,536	2 109 325,355	28,897	28,435	67	92	16 651	5 207,483	19 766,258	3,796	3,335
18	43	97 915	71 651,947	2 036 329,819	28,420	27,959	68	93	13 259	4 075,283	14 558,775	3,572	3,111
19	44	97 767	70 313,628	1 964 677,872	27,942	27,480	69	94	10 309	3 114,307	10 483,492	3,366	2,905
20	45	97 610	68 992,955	1 894 364,245	27,457	26,996	70	95	7 814	2 319,754	7 369,185	3,177	2,716
21	46	97 433	67 683,857	1 825 371,289	26,969	26,508	71	96	5 765	1 681,981	5 049,431	3,002	2,541
22	47	97 244	66 390,130	1 757 687,433	26,475	26,014	72	97	4 133	1 185,182	3 367,451	2,841	2,380
23	48	97 033	65 106,982	1 691 297,303	25,977	25,516	73	98	2 876	810,513	2 182,268	2,692	2,231
24	49	96 811	63 840,656	1 626 190,321	25,473	25,011	74	99	1 939	536,945	1 371,755	2,555	2,094
25	50	96 557	62 578,521	1 562 349,665	24,966	24,505	75	100	1 263	343,680	834,811	2,429	1,968
26	51	96 292	61 333,028	1 499 771,144	24,453	23,992							
27	52	96 000	60 095,734	1 438 438,115	23,936	23,475							
28	53	95 676	58 862,718	1 378 342,381	23,416	22,955							
29	54	95 331	57 641,749	1 319 479,663	22,891	22,430							
30	55	94 965	56 432,450	1 261 837,914	22,360	21,899							
31	56	94 568	55 229,993	1 205 405,464	21,825	21,364							
32	57	94 144	54 036,739	1 150 175,471	21,285	20,824							
33	58	93 698	52 856,230	1 096 138,732	20,738	20,277							
34	59	93 214	51 678,470	1 043 282,502	20,188	19,727							
35	60	92 700	50 509,726	991 604,032	19,632	19,171							
36	61	92 123	49 332,002	941 094,306	19,077	18,616							
37	62	91 513	48 162,458	891 762,304	18,516	18,055							
38	63	90 849	46 990,914	843 599,845	17,952	17,491							
39	64	90 138	45 821,122	796 608,932	17,385	16,924							
40	65	89 373	44 650,760	750 787,809	16,815	16,353							
41	66	88 561	43 484,236	706 137,050	16,239	15,778							
42	67	87 683	42 312,744	662 652,814	15,661	15,200							
43	68	86 750	41 142,220	620 340,069	15,078	14,617							
44	69	85 754	39 970,566	579 197,849	14,491	14,029							
45	70	84 674	38 788,544	539 227,283	13,902	13,441							
46	71	83 506	37 595,573	500 438,738	13,311	12,850							
47	72	82 227	36 382,950	462 843,165	12,721	12,260							
48	73	80 803	35 137,791	426 460,215	12,137	11,676							
49	74	79 234	33 862,943	391 322,424	11,556	11,095							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	49	93 528	39 284,447	817 204,588	20,802	20,341
1	0	99 613	97 899,969	4 030 413,784	41,169	40,707	51	50	92 962	38 375,202	777 920,141	20,271	19,810
2	1	99 267	95 881,462	3 932 513,815	41,014	40,553	52	51	92 318	37 454,061	739 544,939	19,745	19,284
3	2	99 222	94 189,740	3 836 632,353	40,733	40,272	53	52	91 632	36 536,002	702 090,878	19,216	18,755
4	3	99 193	92 543,111	3 742 442,613	40,440	39,979	54	53	90 876	35 611,382	665 554,876	18,689	18,228
5	4	99 169	90 929,221	3 649 899,502	40,140	39,679	55	54	90 041	34 677,583	629 943,494	18,166	17,705
6	5	99 146	89 345,024	3 558 970,281	39,834	39,373	56	55	89 147	33 742,541	595 265,911	17,641	17,180
7	6	99 126	87 790,225	3 469 625,257	39,522	39,061	57	56	88 183	32 803,833	561 523,370	17,118	16,656
8	7	99 109	86 265,698	3 381 835,032	39,203	38,741	58	57	87 144	31 859,631	528 719,537	16,595	16,134
9	8	99 092	84 767,674	3 295 569,334	38,878	38,416	59	58	86 032	30 912,275	496 859,906	16,073	15,612
10	9	99 077	83 297,076	3 210 801,660	38,546	38,085	60	59	84 835	29 957,922	465 947,632	15,553	15,092
11	10	99 062	81 851,485	3 127 504,584	38,210	37,748	61	60	83 557	28 999,126	435 989,710	15,035	14,573
12	11	99 046	80 431,108	3 045 653,098	37,867	37,405	62	61	82 179	28 030,276	406 990,584	14,520	14,058
13	12	99 027	79 032,655	2 965 221,990	37,519	37,058	63	62	80 727	27 061,506	378 960,308	14,004	13,542
14	13	99 008	77 658,505	2 886 189,335	37,165	36,704	64	63	79 204	26 094,172	351 898,801	13,486	13,025
15	14	98 984	76 304,564	2 808 530,830	36,807	36,346	65	64	77 561	25 113,522	325 804,630	12,973	12,512
16	15	98 956	74 970,723	2 732 226,266	36,444	35,983	66	65	75 832	24 131,253	300 691,108	12,461	11,999
17	16	98 918	73 652,900	2 657 255,543	36,078	35,617	67	66	73 995	23 141,770	276 559,855	11,951	11,489
18	17	98 869	72 350,484	2 583 602,643	35,710	35,248	68	67	72 050	22 146,016	253 418,085	11,443	10,982
19	18	98 806	71 060,486	2 511 252,159	35,340	34,878	69	68	70 025	21 153,398	231 272,069	10,933	10,472
20	19	98 735	69 788,243	2 440 191,673	34,966	34,504	70	69	67 893	20 156,540	210 118,671	10,424	9,963
21	20	98 661	68 536,903	2 370 403,430	34,586	34,125	71	70	65 643	19 153,212	189 962,131	9,918	9,457
22	21	98 586	67 306,790	2 301 866,527	34,200	33,738	72	71	63 263	18 141,555	170 808,920	9,415	8,954
23	22	98 513	66 100,192	2 234 559,737	33,806	33,344	73	72	60 756	17 122,835	152 667,365	8,916	8,455
24	23	98 440	64 914,806	2 168 459,545	33,405	32,943	74	73	58 089	16 089,655	135 544,529	8,424	7,963
25	24	98 362	63 748,061	2 103 544,739	32,998	32,537	75	74	55 209	15 028,955	119 454,874	7,948	7,487
26	25	98 288	62 604,580	2 039 796,678	32,582	32,121	76	75	52 153	13 952,949	104 425,919	7,484	7,023
27	26	98 209	61 478,566	1 977 192,098	32,161	31,699	77	76	48 910	12 860,263	90 472,970	7,035	6,574
28	27	98 124	60 368,660	1 915 713,533	31,734	31,272	78	77	45 482	11 753,161	77 612,706	6,604	6,142
29	28	98 039	59 278,796	1 855 344,873	31,299	30,837	79	78	41 885	10 637,570	65 859,546	6,191	5,730
30	29	97 949	58 206,226	1 796 066,076	30,857	30,396	80	79	38 156	9 523,787	55 221,976	5,798	5,337
31	30	97 859	57 152,128	1 737 859,850	30,408	29,946	81	80	34 379	8 433,378	45 698,189	5,419	4,958
32	31	97 761	56 113,191	1 680 707,722	29,952	29,491	82	81	30 543	7 363,554	37 264,811	5,061	4,600
33	32	97 660	55 090,916	1 624 594,531	29,489	29,028	83	82	26 753	6 338,839	29 901,257	4,717	4,256
34	33	97 551	54 082,899	1 569 503,615	29,020	28,559	84	83	23 055	5 368,850	23 562,418	4,389	3,928
35	34	97 438	53 091,148	1 515 420,716	28,544	28,083	85	84	19 488	4 459,996	18 193,568	4,079	3,618
36	35	97 314	52 112,058	1 462 329,568	28,061	27,600	86	85	16 114	3 624,565	13 733,572	3,789	3,328
37	36	97 190	51 150,315	1 410 217,510	27,570	27,109	87	86	12 994	2 872,362	10 109,006	3,519	3,058
38	37	97 052	50 199,012	1 359 067,196	27,074	26,612	88	87	10 178	2 211,150	7 236,644	3,273	2,812
39	38	96 893	49 255,109	1 308 868,183	26,573	26,112	89	88	7 730	1 650,398	5 025,494	3,045	2,584
40	39	96 728	48 325,479	1 259 613,074	26,065	25,604	90	89	5 649	1 185,529	3 375,096	2,847	2,386
41	40	96 540	47 402,021	1 211 287,595	25,554	25,092	91	90	3 996	824,211	2 189,567	2,657	2,195
42	41	96 340	46 490,095	1 163 885,574	25,035	24,574	92	91	2 703	547,840	1 365,356	2,492	2,031
43	42	96 115	45 584,067	1 117 395,479	24,513	24,052	93	92	1 742	346,959	817,516	2,356	1,895
44	43	95 859	44 680,374	1 071 811,412	23,988	23,527	94	93	1 081	211,591	470,557	2,224	1,763
45	44	95 570	43 779,682	1 027 131,038	23,461	23,000	95	94	640	123,056	258,966	2,104	1,643
46	45	95 251	42 883,193	983 351,356	22,931	22,470	96	95	360	68,069	135,910	1,997	1,535
47	46	94 895	41 988,036	940 468,164	22,398	21,937	97	96	192	35,718	67,841	1,899	1,438
48	47	94 488	41 088,781	898 480,128	21,867	21,406	98	97	97	17,733	32,123	1,811	1,350
49	48	94 031	40 186,760	857 391,348	21,335	20,874	99	98	46	8,308	14,390	1,732	1,271
							100	99	21	3,663	6,082	1,660	1,199

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	48	93 694	39 354,041	825 785,196	20,983	20,522
1							51	49	93 154	38 454,328	786 431,155	20,451	19,990
2	0	99 581	96 184,702	3 942 334,745	40,987	40,526	52	50	92 522	37 536,755	747 976,827	19,927	19,465
3	1	99 248	94 214,609	3 846 150,043	40,823	40,362	53	51	91 856	36 625,617	710 440,073	19,397	18,936
4	2	99 208	92 556,896	3 751 935,433	40,537	40,075	54	52	91 126	35 709,418	673 814,456	18,869	18,408
5	3	99 180	90 939,382	3 659 378,537	40,240	39,779	55	53	90 313	34 782,157	638 105,038	18,346	17,885
6	4	99 158	89 355,673	3 568 439,155	39,935	39,474	56	54	89 432	33 850,565	603 322,881	17,823	17,362
7	5	99 136	87 799,100	3 479 083,482	39,626	39,164	57	55	88 497	32 920,476	569 472,315	17,298	16,837
8	6	99 118	86 273,211	3 391 284,382	39,309	38,847	58	56	87 474	31 980,267	536 551,839	16,778	16,316
9	7	99 101	84 774,950	3 305 011,171	38,986	38,525	59	57	86 378	31 036,314	504 571,573	16,257	15,796
10	8	99 085	83 303,211	3 220 236,220	38,657	38,196	60	58	85 211	30 090,691	473 535,259	15,737	15,276
11	9	99 068	81 857,132	3 136 933,009	38,322	37,861	61	59	83 954	29 136,711	443 444,568	15,219	14,758
12	10	99 053	80 436,817	3 055 075,877	37,981	37,520	62	60	82 624	28 182,159	414 307,858	14,701	14,240
13	11	99 035	79 038,975	2 974 639,061	37,635	37,174	63	61	81 194	27 217,920	386 125,698	14,186	13,725
14	12	99 016	77 664,757	2 895 600,085	37,283	36,822	64	62	79 707	26 259,809	358 907,778	13,668	13,206
15	13	98 993	76 311,400	2 817 935,328	36,927	36,466	65	63	78 087	25 283,881	332 647,969	13,157	12,695
16	14	98 967	74 978,850	2 741 623,928	36,565	36,104	66	64	76 393	24 309,916	307 364,088	12,644	12,182
17	15	98 930	73 662,166	2 666 645,078	36,201	35,740	67	65	74 577	23 323,926	283 054,171	12,136	11,675
18	16	98 884	72 361,619	2 592 982,913	35,834	35,372	68	66	72 672	22 337,093	259 730,245	11,628	11,167
19	17	98 822	71 071,891	2 520 621,294	35,466	35,005	69	67	70 671	21 348,358	237 393,152	11,120	10,659
20	18	98 757	69 804,187	2 449 549,403	35,092	34,631	70	68	68 559	20 354,192	216 044,794	10,614	10,153
21	19	98 682	68 551,061	2 379 745,216	34,715	34,254	71	69	66 347	19 358,832	195 690,602	10,109	9,647
22	20	98 608	67 321,735	2 311 194,154	34,331	33,869	72	70	64 006	18 354,555	176 331,770	9,607	9,146
23	21	98 534	66 114,029	2 243 872,420	33,939	33,478	73	71	61 548	17 346,206	157 977,216	9,107	8,646
24	22	98 462	64 929,372	2 177 758,391	33,540	33,079	74	72	58 942	16 326,019	140 631,010	8,614	8,153
25	23	98 385	63 762,636	2 112 829,019	33,136	32,675	75	73	56 122	15 277,384	124 304,991	8,137	7,675
26	24	98 308	62 617,237	2 049 066,383	32,724	32,262	76	74	53 142	14 217,502	109 027,607	7,669	7,207
27	25	98 231	61 492,093	1 986 449,146	32,304	31,843	77	75	49 983	13 142,269	94 810,105	7,214	6,753
28	26	98 147	60 382,951	1 924 957,053	31,879	31,418	78	76	46 624	12 048,256	81 667,836	6,778	6,317
29	27	98 065	59 294,726	1 864 574,103	31,446	30,985	79	77	43 080	10 940,892	69 619,580	6,363	5,902
30	28	97 974	58 220,949	1 805 279,377	31,007	30,546	80	78	39 420	9 839,317	58 678,688	5,964	5,502
31	29	97 887	57 168,531	1 747 058,428	30,560	30,099	81	79	35 674	8 751,094	48 839,371	5,581	5,120
32	30	97 789	56 129,077	1 689 889,897	30,107	29,646	82	80	31 874	7 684,502	40 088,277	5,217	4,756
33	31	97 689	55 107,560	1 633 760,820	29,647	29,186	83	81	28 089	6 655,580	32 403,775	4,869	4,407
34	32	97 585	54 102,077	1 578 653,260	29,179	28,718	84	82	24 401	5 682,191	25 748,195	4,531	4,070
35	33	97 473	53 110,567	1 524 551,183	28,705	28,244	85	83	20 792	4 758,403	20 066,004	4,217	3,756
36	34	97 356	52 134,203	1 471 440,617	28,224	27,763	86	84	17 371	3 907,111	15 307,601	3,918	3,457
37	35	97 229	51 170,668	1 419 306,414	27,737	27,276	87	85	14 166	3 131,509	11 400,490	3,641	3,179
38	36	97 098	50 222,879	1 368 135,745	27,241	26,780	88	86	11 236	2 441,163	8 268,981	3,387	2,926
39	37	96 945	49 281,410	1 317 912,867	26,743	26,281	89	87	8 668	1 850,827	5 827,818	3,149	2,688
40	38	96 782	48 352,398	1 268 631,457	26,237	25,776	90	88	6 437	1 350,702	3 976,991	2,944	2,483
41	39	96 604	47 433,400	1 220 279,059	25,726	25,265	91	89	4 655	960,079	2 626,288	2,735	2,274
42	40	96 408	46 522,951	1 172 845,659	25,210	24,749	92	90	3 198	648,174	1 666,210	2,571	2,109
43	41	96 193	45 620,632	1 126 322,708	24,689	24,228	93	91	2 118	421,930	1 018,035	2,413	1,952
44	42	95 944	44 720,178	1 080 702,076	24,166	23,705	94	92	1 333	260,974	596,105	2,284	1,823
45	43	95 668	43 824,555	1 035 981,897	23,639	23,178	95	93	807	155,227	335,131	2,159	1,698
46	44	95 358	42 931,411	992 157,342	23,110	22,649	96	94	465	87,931	179,904	2,046	1,585
47	45	95 016	42 041,396	949 225,931	22,578	22,117	97	95	255	47,312	91,973	1,944	1,483
48	46	94 621	41 146,761	907 184,535	22,048	21,586	98	96	132	24,117	44,661	1,852	1,391
49	47	94 185	40 252,578	866 037,774	21,515	21,054	99	97	65	11,616	20,544	1,769	1,307
							100	98	30	5,272	8,928	1,693	1,232

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	47	93 847	39 418,495	833 734,840	21,151	20,690
1							51	48	93 319	38 522,452	794 316,345	20,620	20,158
2							52	49	92 713	37 614,151	755 793,893	20,093	19,632
3	0	99 562	94 512,578	3 855 252,837	40,791	40,330	53	50	92 059	36 706,481	718 179,741	19,565	19,104
4	1	99 234	92 581,335	3 760 740,259	40,621	40,160	54	51	91 349	35 797,006	681 473,260	19,037	18,576
5	2	99 195	90 952,929	3 668 158,924	40,330	39,869	55	52	90 561	34 877,910	645 676,254	18,512	18,051
6	3	99 169	89 365,658	3 577 205,995	40,029	39,568	56	53	89 702	33 952,646	610 798,345	17,990	17,529
7	4	99 148	87 809,565	3 487 840,337	39,721	39,259	57	54	88 780	33 025,869	576 845,699	17,466	17,005
8	5	99 128	86 281,932	3 400 030,772	39,406	38,945	58	55	87 785	32 093,981	543 819,830	16,945	16,483
9	6	99 109	84 782,334	3 313 748,840	39,085	38,624	59	56	86 705	31 153,832	511 725,849	16,426	15,965
10	7	99 093	83 310,361	3 228 966,506	38,758	38,297	60	57	85 553	30 211,433	480 572,017	15,907	15,446
11	8	99 076	81 863,161	3 145 656,145	38,426	37,965	61	58	84 326	29 265,840	450 360,584	15,389	14,927
12	9	99 060	80 442,366	3 063 792,984	38,087	37,626	62	59	83 016	28 315,868	421 094,744	14,871	14,410
13	10	99 042	79 044,585	2 983 350,618	37,743	37,281	63	60	81 634	27 365,402	392 778,876	14,353	13,892
14	11	99 024	77 670,968	2 904 306,033	37,392	36,931	64	61	80 167	26 411,589	365 413,474	13,835	13,374
15	12	99 001	76 317,543	2 826 635,065	37,038	36,577	65	62	78 583	25 444,376	339 001,885	13,323	12,862
16	13	98 976	74 985,567	2 750 317,521	36,678	36,217	66	63	76 911	24 474,824	313 557,510	12,811	12,350
17	14	98 941	73 670,151	2 675 331,955	36,315	35,854	67	64	75 130	23 496,613	289 082,686	12,303	11,842
18	15	98 897	72 370,722	2 601 661,804	35,949	35,488	68	65	73 244	22 512,916	265 586,073	11,797	11,336
19	16	98 837	71 082,829	2 529 291,082	35,582	35,121	69	66	71 280	21 532,553	243 073,157	11,289	10,827
20	17	98 773	69 815,390	2 458 208,253	35,210	34,749	70	67	69 191	20 541,786	221 540,604	10,785	10,324
21	18	98 704	68 566,723	2 388 392,862	34,833	34,372	71	68	66 998	19 548,661	200 998,818	10,282	9,821
22	19	98 628	67 335,642	2 319 826,140	34,452	33,990	72	69	64 693	18 551,601	181 450,157	9,781	9,320
23	20	98 556	66 128,709	2 252 490,498	34,062	33,601	73	70	62 271	17 549,867	162 898,556	9,282	8,821
24	21	98 482	64 942,964	2 186 361,789	33,666	33,205	74	71	59 711	16 538,994	145 348,689	8,788	8,327
25	22	98 407	63 776,943	2 121 418,825	33,263	32,802	75	72	56 946	15 501,815	128 809,694	8,309	7,848
26	23	98 330	62 631,553	2 057 641,882	32,853	32,392	76	73	54 021	14 452,517	113 307,879	7,840	7,379
27	24	98 251	61 504,525	1 995 010,328	32,437	31,976	77	74	50 930	13 391,451	98 855,362	7,382	6,921
28	25	98 169	60 396,237	1 933 505,803	32,014	31,552	78	75	47 646	12 312,456	85 463,911	6,941	6,480
29	26	98 088	59 308,762	1 873 109,567	31,582	31,121	79	76	44 161	11 215,593	73 151,455	6,522	6,061
30	27	98 001	58 236,594	1 813 800,805	31,145	30,684	80	77	40 544	10 119,878	61 935,862	6,120	5,659
31	28	97 912	57 182,991	1 755 564,211	30,701	30,240	81	78	36 856	9 041,024	51 815,984	5,731	5,270
32	29	97 817	56 145,186	1 698 381,220	30,250	29,789	82	79	33 075	7 974,006	42 774,960	5,364	4,903
33	30	97 717	55 123,161	1 642 236,033	29,792	29,331	83	80	29 314	6 945,670	34 800,954	5,010	4,549
34	31	97 615	54 118,422	1 587 112,872	29,327	28,865	84	81	25 620	5 966,120	27 855,284	4,669	4,208
35	32	97 508	53 129,400	1 532 994,450	28,854	28,393	85	82	22 005	5 036,116	21 889,164	4,346	3,885
36	33	97 391	52 153,272	1 479 865,050	28,375	27,914	86	83	18 533	4 168,526	16 853,048	4,043	3,582
37	34	97 270	51 192,413	1 427 711,778	27,889	27,428	87	84	15 270	3 375,619	12 684,522	3,758	3,296
38	35	97 136	50 242,863	1 376 519,365	27,397	26,936	88	85	12 250	2 661,407	9 308,902	3,498	3,037
39	36	96 991	49 304,840	1 326 276,502	26,900	26,438	89	86	9 570	2 043,357	6 647,495	3,253	2,792
40	37	96 834	48 378,216	1 276 971,661	26,396	25,934	90	87	7 218	1 514,736	4 604,138	3,040	2,578
41	38	96 658	47 459,822	1 228 593,445	25,887	25,426	91	88	5 304	1 093,842	3 089,402	2,824	2,363
42	39	96 472	46 553,748	1 181 133,623	25,371	24,910	92	89	3 725	755,023	1 995,561	2,643	2,182
43	40	96 260	45 652,873	1 134 579,875	24,852	24,391	93	90	2 506	499,205	1 240,538	2,485	2,024
44	41	96 021	44 756,050	1 088 927,001	24,330	23,869	94	91	1 621	317,366	741,333	2,336	1,875
45	42	95 753	43 863,598	1 044 170,951	23,805	23,344	95	92	995	191,455	423,967	2,214	1,753
46	43	95 456	42 975,416	1 000 307,353	23,276	22,815	96	93	587	110,919	232,512	2,096	1,635
47	44	95 122	42 088,668	957 331,938	22,746	22,284	97	94	329	61,118	121,593	1,989	1,528
48	45	94 741	41 199,052	915 243,270	22,215	21,754	98	95	175	31,945	60,475	1,893	1,432
49	46	94 318	40 309,378	874 044,218	21,683	21,222	99	96	88	15,797	28,529	1,806	1,345
							100	97	42	7,371	12,732	1,727	1,266

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	46	93 980	39 474,119	841 081,510	21,307	20,846
1							51	47	93 472	38 585,544	801 607,392	20,775	20,314
2							52	48	92 877	37 680,787	763 021,848	20,250	19,788
3							53	49	92 249	36 782,166	725 341,061	19,720	19,259
4	0	99 548	92 874,138	3 769 163,391	40,584	40,122	54	50	91 551	35 876,041	688 558,895	19,193	18,732
5	1	99 221	90 976,944	3 676 289,254	40,409	39,948	55	51	90 784	34 963,458	652 682,854	18,668	18,206
6	2	99 184	89 378,971	3 585 312,310	40,114	39,652	56	52	89 949	34 046,115	617 719,396	18,144	17,682
7	3	99 159	87 819,377	3 495 933,339	39,808	39,347	57	53	89 048	33 125,462	583 673,281	17,620	17,159
8	4	99 140	86 292,216	3 408 113,962	39,495	39,034	58	54	88 066	32 196,728	550 547,819	17,099	16,638
9	5	99 119	84 790,904	3 321 821,746	39,177	38,715	59	55	87 013	31 264,608	518 351,091	16,579	16,118
10	6	99 102	83 317,617	3 237 030,842	38,852	38,390	60	56	85 877	30 325,828	487 086,483	16,062	15,601
11	7	99 084	81 870,188	3 153 713,224	38,521	38,060	61	57	84 664	29 383,273	456 760,655	15,545	15,084
12	8	99 067	80 448,291	3 071 843,037	38,184	37,723	62	58	83 384	28 441,360	427 377,383	15,027	14,565
13	9	99 049	79 050,038	2 991 394,746	37,842	37,381	63	59	82 021	27 495,235	398 936,023	14,509	14,048
14	10	99 031	77 676,481	2 912 344,708	37,493	37,032	64	60	80 602	26 554,702	371 440,788	13,988	13,527
15	11	99 009	76 323,647	2 834 668,227	37,140	36,679	65	61	79 037	25 591,442	344 886,086	13,477	13,015
16	12	98 984	74 991,604	2 758 344,580	36,782	36,321	66	62	77 400	24 630,183	319 294,644	12,964	12,502
17	13	98 950	73 676,750	2 683 352,976	36,421	35,959	67	63	75 639	23 656,004	294 664,462	12,456	11,995
18	14	98 908	72 378,567	2 609 676,226	36,056	35,595	68	64	73 786	22 679,598	271 008,458	11,949	11,488
19	15	98 849	71 091,772	2 537 297,659	35,690	35,229	69	65	71 842	21 702,043	248 328,860	11,443	10,981
20	16	98 788	69 826,135	2 466 205,887	35,319	34,858	70	66	69 788	20 719,021	226 626,817	10,938	10,477
21	17	98 720	68 577,728	2 396 379,753	34,944	34,483	71	67	67 615	19 728,831	205 907,796	10,437	9,976
22	18	98 651	67 351,026	2 327 802,025	34,562	34,101	72	68	65 328	18 733,515	186 178,964	9,938	9,477
23	19	98 576	66 142,370	2 260 450,999	34,176	33,714	73	69	62 940	17 738,275	167 445,449	9,440	8,979
24	20	98 504	64 957,383	2 194 308,629	33,781	33,320	74	70	60 412	16 733,178	149 707,175	8,947	8,486
25	21	98 427	63 790,294	2 129 351,246	33,380	32,919	75	71	57 689	15 704,039	132 973,996	8,468	8,006
26	22	98 353	62 645,607	2 065 560,952	32,972	32,511	76	72	54 814	14 664,830	117 269,958	7,997	7,535
27	23	98 273	61 518,587	2 002 915,345	32,558	32,097	77	73	51 772	13 612,812	102 605,127	7,537	7,076
28	24	98 189	60 408,447	1 941 396,758	32,138	31,677	78	74	48 550	12 545,904	88 992,315	7,093	6,632
29	25	98 110	59 321,812	1 880 988,311	31,708	31,247	79	75	45 130	11 461,534	76 446,411	6,670	6,209
30	26	98 024	58 250,380	1 821 666,499	31,273	30,812	80	76	41 562	10 373,965	64 984,877	6,264	5,803
31	27	97 938	57 198,357	1 763 416,119	30,830	30,369	81	77	37 907	9 298,822	54 610,912	5,873	5,412
32	28	97 842	56 159,387	1 706 217,762	30,382	29,920	82	78	34 171	8 238,190	45 312,090	5,500	5,039
33	29	97 745	55 138,982	1 650 058,375	29,925	29,464	83	79	30 418	7 207,339	37 073,900	5,144	4,683
34	30	97 642	54 133,744	1 594 919,393	29,463	29,001	84	80	26 737	6 226,160	29 866,560	4,797	4,336
35	31	97 537	53 145,451	1 540 785,649	28,992	28,531	85	81	23 105	5 287,763	23 640,401	4,471	4,010
36	32	97 426	52 171,766	1 487 640,198	28,514	28,053	86	82	19 614	4 411,812	18 352,638	4,160	3,699
37	33	97 306	51 211,138	1 435 468,433	28,030	27,569	87	83	16 292	3 601,473	13 940,826	3,871	3,410
38	34	97 178	50 264,214	1 384 257,295	27,540	27,078	88	84	13 205	2 868,872	10 339,353	3,604	3,143
39	35	97 030	49 324,459	1 333 993,080	27,045	26,584	89	85	10 433	2 227,711	7 470,481	3,353	2,892
40	36	96 880	48 401,217	1 284 668,621	26,542	26,081	90	86	7 969	1 672,305	5 242,770	3,135	2,674
41	37	96 709	47 485,164	1 236 267,404	26,035	25,574	91	87	5 948	1 226,681	3 570,466	2,911	2,449
42	38	96 525	46 579,680	1 188 782,240	25,521	25,060	92	88	4 244	860,216	2 343,785	2,725	2,263
43	39	96 324	45 683,095	1 142 202,560	25,003	24,542	93	89	2 919	581,497	1 483,568	2,551	2,090
44	40	96 089	44 787,680	1 096 519,465	24,483	24,021	94	90	1 918	375,490	902,072	2,402	1,941
45	41	95 830	43 898,782	1 051 731,785	23,958	23,497	95	91	1 210	232,825	526,582	2,262	1,800
46	42	95 541	43 013,701	1 007 833,002	23,431	22,969	96	92	723	136,806	293,757	2,147	1,686
47	43	95 220	42 131,808	964 819,301	22,900	22,439	97	93	415	77,096	156,950	2,036	1,575
48	44	94 848	41 245,377	922 687,492	22,371	21,909	98	94	226	41,267	79,854	1,935	1,474
49	45	94 437	40 360,605	881 442,115	21,839	21,378	99	95	117	20,925	38,587	1,844	1,383
							100	96	57	10,025	17,662	1,762	1,301

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß 1,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5	0	99 535	91 264 673	3 684 072 224	40,367	39,906
6	1	99 210	89 402 570	3 592 807 551	40,187	39,726
7	2	99 174	87 832 459	3 503 404 982	39,887	39,426
8	3	99 151	86 301 859	3 415 572 523	39,577	39,116
9	4	99 131	84 801 011	3 329 270 664	39,260	38,799
10	5	99 112	83 326 039	3 244 469 653	38,937	38,476
11	6	99 093	81 877 318	3 161 143 613	38,608	38,147
12	7	99 076	80 455 196	3 079 266 295	38,273	37,812
13	8	99 056	79 055 860	2 998 811 099	37,933	37,472
14	9	99 038	77 681 840	2 919 755 239	37,586	37,125
15	10	99 016	76 329 064	2 842 073 399	37,234	36,773
16	11	98 992	74 997 601	2 765 744 335	36,878	36,417
17	12	98 958	73 682 682	2 690 746 734	36,518	36,057
18	13	98 916	72 385 051	2 617 064 053	36,155	35,694
19	14	98 860	71 099 478	2 544 679 001	35,790	35,329
20	15	98 801	69 834 919	2 473 579 523	35,420	34,959
21	16	98 735	68 588 281	2 403 744 604	35,046	34,585
22	17	98 667	67 361 835	2 335 156 323	34,666	34,205
23	18	98 599	66 157 481	2 267 794 487	34,279	33,818
24	19	98 525	64 970 802	2 201 637 006	33,887	33,425
25	20	98 449	63 804 458	2 136 666 204	33,488	33,027
26	21	98 373	62 658 721	2 072 861 746	33,082	32,621
27	22	98 295	61 532 391	2 010 203 025	32,669	32,208
28	23	98 211	60 422 259	1 948 670 635	32,251	31,790
29	24	98 130	59 333 805	1 888 248 376	31,824	31,363
30	25	98 045	58 263 196	1 828 914 571	31,391	30,929
31	26	97 961	57 211 898	1 770 651 374	30,949	30,488
32	27	97 868	56 174 479	1 713 439 477	30,502	30,041
33	28	97 770	55 152 928	1 657 264 998	30,049	29,587
34	29	97 670	54 149 280	1 602 112 070	29,587	29,126
35	30	97 565	53 160 497	1 547 962 790	29,119	28,657
36	31	97 455	52 187 527	1 494 802 293	28,643	28,182
37	32	97 340	51 229 297	1 442 614 765	28,160	27,699
38	33	97 213	50 282 599	1 391 385 468	27,671	27,210
39	34	97 071	49 345 420	1 341 102 868	27,178	26,717
40	35	96 918	48 420 477	1 291 757 448	26,678	26,217
41	36	96 755	47 507 740	1 243 336 971	26,171	25,710
42	37	96 577	46 604 552	1 195 829 231	25,659	25,198
43	38	96 378	45 708 542	1 149 224 679	25,142	24,681
44	39	96 152	44 817 329	1 103 516 137	24,623	24,161
45	40	95 898	43 929 807	1 058 698 808	24,100	23,639
46	41	95 618	43 048 204	1 014 769 001	23,573	23,112
47	42	95 305	42 169 343	971 720 797	23,043	22,582
48	43	94 945	41 287 653	929 551 454	22,514	22,053
49	44	94 544	40 405 987	888 263 801	21,983	21,522

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
50	45	94 099	39 524 284	847 857 814	21,452	20,990
51	46	93 604	38 639 992	808 333 530	20,920	20,458
52	47	93 029	37 742 501	769 693 538	20,393	19,932
53	48	92 412	36 847 328	731 951 038	19,864	19,403
54	49	91 740	35 950 013	695 103 709	19,335	18,874
55	50	90 984	35 040 653	659 153 696	18,811	18,350
56	51	90 169	34 129 623	624 113 044	18,287	17,825
57	52	89 293	33 216 654	589 983 421	17,762	17,300
58	53	88 332	32 293 821	556 766 767	17,241	16,779
59	54	87 291	31 364 700	524 472 946	16,722	16,261
60	55	86 183	30 433 660	493 108 247	16,203	15,742
61	56	84 985	29 494 532	462 674 587	15,687	15,226
62	57	83 719	28 555 484	433 180 055	15,170	14,709
63	58	82 385	27 617 090	404 624 571	14,651	14,190
64	59	80 984	26 680 688	377 007 481	14,130	13,669
65	60	79 466	25 730 111	350 326 793	13,615	13,154
66	61	77 847	24 772 543	324 596 682	13,103	12,642
67	62	76 119	23 806 164	299 824 139	12,594	12,133
68	63	74 287	22 833 447	276 017 975	12,088	11,627
69	64	72 373	21 862 721	253 184 528	11,581	11,119
70	65	70 337	20 882 108	231 321 807	11,078	10,616
71	66	68 199	19 899 053	210 439 699	10,575	10,114
72	67	65 930	18 906 172	190 540 646	10,078	9,617
73	68	63 557	17 912 213	171 634 474	9,582	9,121
74	69	61 061	16 912 818	153 722 260	9,089	8,628
75	70	58 366	15 888 420	136 809 442	8,611	8,149
76	71	55 529	14 856 136	120 921 023	8,139	7,678
77	72	52 533	13 812 790	106 064 887	7,679	7,218
78	73	49 352	12 753 288	92 252 097	7,234	6,772
79	74	45 985	11 678 849	79 498 809	6,807	6,346
80	75	42 474	10 601 450	67 819 961	6,397	5,936
81	76	38 858	9 532 295	57 218 510	6,003	5,541
82	77	35 145	8 473 096	47 686 215	5,628	5,167
83	78	31 426	7 446 123	39 213 120	5,266	4,805
84	79	27 744	6 460 722	31 766 996	4,917	4,456
85	80	24 112	5 518 235	25 306 274	4,586	4,125
86	81	20 595	4 632 263	19 788 039	4,272	3,811
87	82	17 243	3 811 665	15 155 776	3,976	3,515
88	83	14 089	3 060 820	11 344 111	3,706	3,245
89	84	11 247	2 401 367	8 283 291	3,449	2,988
90	85	8 688	1 823 181	5 881 923	3,226	2,765
91	86	6 567	1 354 285	4 058 742	2,997	2,536
92	87	4 759	964 683	2 704 457	2,803	2,342
93	88	3 326	662 514	1 739 773	2,626	2,165
94	89	2 234	437 388	1 077 260	2,463	2,002
95	90	1 432	275 466	639 872	2,323	1,862
96	91	880	166 368	364 406	2,190	1,729
97	92	512	95 090	198 038	2,083	1,621
98	93	285	52 055	102 948	1,978	1,516
99	94	151	27 031	50 893	1,883	1,422
100	95	75	13 279	23 862	1,797	1,336

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	44	94 205	39 568 726	854 096 727	21,585	21,124
1							51	45	93 723	38 689 097	814 528 001	21,053	20,592
2							52	46	93 161	37 795 759	775 838 904	20,527	20,066
3							53	47	92 564	36 907 677	738 043 145	19,997	19,536
4							54	48	91 902	36 013 701	701 135 469	19,469	19,007
5							55	49	91 172	35 112 903	665 121 768	18,942	18,481
6	0	99 524	89 685 319	3 599 990 371	40,140	39,679	56	50	90 368	34 204 976	630 008 865	18,419	17,957
7	1	99 200	87 855 650	3 510 305 052	39,955	39,494	57	51	89 512	33 298 128	595 803 889	17,893	17,432
8	2	99 165	86 314 715	3 422 449 402	39,651	39,190	58	52	88 575	32 382 723	562 505 761	17,371	16,909
9	3	99 142	84 810 487	3 336 134 687	39,336	38,875	59	53	87 555	31 459 283	530 123 038	16,851	16,390
10	4	99 124	83 335 971	3 251 324 200	39,015	38,553	60	54	86 458	30 531 091	498 663 754	16,333	15,872
11	5	99 103	81 885 595	3 167 988 229	38,688	38,227	61	55	85 287	29 599 408	468 132 663	15,816	15,354
12	6	99 084	80 462 203	3 086 102 634	38,355	37,893	62	56	84 036	28 663 609	438 533 256	15,299	14,838
13	7	99 065	79 062 646	3 005 640 431	38,016	37,555	63	57	82 715	27 727 906	409 869 647	14,782	14,321
14	8	99 045	77 687 561	2 926 577 785	37,671	37,210	64	58	81 343	26 798 934	382 141 741	14,260	13,798
15	9	99 023	76 334 330	2 848 890 224	37,321	36,860	65	59	79 843	25 852 185	355 342 807	13,745	13,284
16	10	98 999	75 002 924	2 772 555 894	36,966	36,505	66	60	78 269	24 906 775	329 490 622	13,229	12,768
17	11	98 966	73 688 574	2 697 552 970	36,607	36,146	67	61	76 559	23 943 762	304 583 847	12,721	12,260
18	12	98 924	72 390 879	2 623 864 396	36,246	35,785	68	62	74 758	22 978 386	280 640 085	12,213	11,752
19	13	98 869	71 105 847	2 551 473 517	35,883	35,422	69	63	72 864	22 011 029	257 661 699	11,706	11,245
20	14	98 812	69 842 489	2 480 367 670	35,514	35,053	70	64	70 858	21 036 715	235 650 670	11,202	10,741
21	15	98 748	68 596 910	2 410 525 180	35,140	34,679	71	65	68 736	20 055 685	214 613 955	10,701	10,240
22	16	98 682	67 372 202	2 341 928 270	34,761	34,300	72	66	66 499	19 069 296	194 558 270	10,203	9,741
23	17	98 614	66 168 099	2 274 556 068	34,375	33,914	73	67	64 143	18 077 301	175 488 974	9,708	9,246
24	18	98 547	64 985 646	2 208 387 969	33,983	33,521	74	68	61 660	17 078 663	157 411 673	9,217	8,756
25	19	98 469	63 817 639	2 143 402 323	33,586	33,125	75	69	58 993	16 058 990	140 333 011	8,739	8,277
26	20	98 395	62 672 633	2 079 584 684	33,182	32,720	76	70	56 181	15 030 561	124 274 020	8,268	7,807
27	21	98 316	61 545 271	2 016 912 051	32,771	32,310	77	71	53 218	13 992 980	109 243 459	7,807	7,346
28	22	98 233	60 435 816	1 955 366 780	32,354	31,893	78	72	50 077	12 940 639	95 250 479	7,361	6,899
29	23	98 152	59 347 371	1 894 930 963	31,929	31,468	79	73	46 745	11 871 900	82 309 840	6,933	6,472
30	24	98 065	58 274 976	1 835 583 592	31,499	31,037	80	74	43 279	10 802 458	70 437 940	6,521	6,059
31	25	97 983	57 224 486	1 777 308 616	31,059	30,597	81	75	39 711	9 741 323	59 635 482	6,122	5,661
32	26	97 891	56 187 776	1 720 084 130	30,613	30,152	82	76	36 027	8 685 836	49 894 159	5,744	5,283
33	27	97 796	55 167 749	1 663 896 354	30,161	29,699	83	77	32 322	7 658 444	41 208 323	5,381	4,920
34	28	97 695	54 162 976	1 608 728 605	29,702	29,240	84	78	28 663	6 674 770	33 549 879	5,026	4,565
35	29	97 593	53 175 754	1 554 565 629	29,234	28,773	85	79	25 020	5 726 127	26 875 109	4,693	4,232
36	30	97 483	52 202 302	1 501 389 874	28,761	28,300	86	80	21 492	4 834 165	21 148 981	4,375	3,914
37	31	97 370	51 244 775	1 449 187 572	28,280	27,819	87	81	18 104	4 002 128	16 314 816	4,077	3,615
38	32	97 248	50 300 429	1 397 942 797	27,792	27,331	88	82	14 911	3 239 458	12 312 689	3,801	3,340
39	33	97 106	49 363 469	1 347 642 368	27,300	26,839	89	83	11 999	2 562 037	9 073 231	3,541	3,080
40	34	96 959	48 441 053	1 298 278 899	26,801	26,340	90	84	9 365	1 965 304	6 511 194	3,313	2,852
41	35	96 794	47 526 644	1 249 837 845	26,298	25,836	91	85	7 159	1 476 470	4 545 890	3,079	2,618
42	36	96 623	46 626 710	1 202 311 201	25,786	25,325	92	86	5 254	1 065 034	3 069 420	2,882	2,421
43	37	96 429	45 732 949	1 155 684 491	25,270	24,809	93	87	3 730	742 971	2 004 386	2,698	2,237
44	38	96 206	44 842 294	1 109 951 543	24,752	24,291	94	88	2 545	498 327	1 261 415	2,531	2,070
45	39	95 961	43 958 888	1 065 109 249	24,230	23,768	95	89	1 668	320 875	763 089	2,378	1,917
46	40	95 685	43 078 628	1 021 150 361	23,704	23,243	96	90	1 041	196 837	442 213	2,247	1,785
47	41	95 381	42 203 168	978 071 734	23,175	22,714	97	91	622	115 637	245 376	2,122	1,661
48	42	95 030	41 324 435	935 868 565	22,647	22,186	98	92	352	64 205	129 739	2,021	1,560
49	43	94 641	40 447 403	894 544 130	22,116	21,655	99	93	190	34 097	65 534	1,922	1,461
							100	94	97	17 154	31 437	1,833	1,371

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	43	94 301	39 609,283	859 833,121	21,708	21,247
1							51	44	93 828	38 732,600	820 223,837	21,177	20,715
2							52	45	93 279	37 843,792	781 491,238	20,650	20,189
3							53	46	92 694	36 959,757	743 647,446	20,120	19,659
4							54	47	92 053	36 072,684	706 687,689	19,591	19,129
5							55	48	91 333	35 175,107	670 615,005	19,065	18,604
6							56	49	90 555	34 275,503	635 439,898	18,539	18,078
7	0	99 513	88 133,507	3 516 927,648	39,905	39,443	57	50	89 710	33 371,645	601 164,395	18,014	17,553
8	1	99 192	86 337,505	3 428 794,141	39,714	39,253	58	51	88 792	32 462,151	567 792,749	17,491	17,030
9	2	99 157	84 823,121	3 342 456,636	39,405	38,944	59	52	87 796	31 545,888	535 330,598	16,970	16,509
10	3	99 135	83 345,284	3 257 633,515	39,086	38,625	60	53	86 719	30 623,161	503 784,709	16,451	15,990
11	4	99 115	81 895,355	3 174 288,232	38,760	38,299	61	54	85 560	29 694,168	473 161,548	15,934	15,473
12	5	99 094	80 470,337	3 092 392,877	38,429	37,968	62	55	84 335	28 765,530	443 467,380	15,417	14,955
13	6	99 073	79 069,532	3 011 922,540	38,092	37,631	63	56	83 028	27 832,898	414 701,850	14,900	14,438
14	7	99 054	77 694,230	2 932 853,008	37,749	37,287	64	57	81 669	26 906,467	386 868,953	14,378	13,917
15	8	99 030	76 339,952	2 855 158,778	37,401	36,939	65	58	80 196	25 966,759	359 962,486	13,862	13,401
16	9	99 005	75 008,098	2 778 818,826	37,047	36,586	66	59	78 640	25 024,943	333 995,727	13,347	12,885
17	10	98 973	73 693,804	2 703 810,728	36,690	36,229	67	60	76 974	24 073,503	308 970,784	12,834	12,373
18	11	98 932	72 396,668	2 630 116,924	36,329	35,868	68	61	75 190	23 111,199	284 897,281	12,327	11,866
19	12	98 877	71 111,572	2 557 720,256	35,968	35,507	69	62	73 327	22 150,748	261 786,082	11,818	11,357
20	13	98 820	69 848,746	2 486 608,684	35,600	35,139	70	63	71 338	21 179,419	239 635,334	11,315	10,853
21	14	98 758	68 604,346	2 416 759,938	35,228	34,766	71	64	69 244	20 204,174	218 455,915	10,812	10,351
22	15	98 694	67 380,678	2 348 155,592	34,849	34,388	72	65	67 022	19 219,397	198 251,741	10,315	9,854
23	16	98 630	66 178,282	2 280 774,914	34,464	34,003	73	66	64 696	18 233,273	179 032,344	9,819	9,358
24	17	98 563	64 996,076	2 214 596,631	34,073	33,612	74	67	62 228	17 236,068	160 799,071	9,329	8,868
25	18	98 492	63 832,219	2 149 600,555	33,676	33,215	75	68	59 571	16 216,462	143 563,003	8,853	8,392
26	19	98 415	62 685,580	2 085 768,337	33,273	32,812	76	69	56 784	15 191,922	127 346,541	8,383	7,921
27	20	98 338	61 558,937	2 023 082,757	32,864	32,403	77	70	53 843	14 157,271	112 154,618	7,922	7,461
28	21	98 254	60 448,468	1 961 523,820	32,450	31,988	78	71	50 730	13 109,452	97 997,347	7,475	7,014
29	22	98 174	59 360,687	1 901 075,352	32,026	31,565	79	72	47 432	12 046,303	84 887,895	7,047	6,586
30	23	98 088	58 288,300	1 841 714,665	31,597	31,135	80	73	43 994	10 981,022	72 841,592	6,633	6,172
31	24	98 002	57 236,055	1 783 426,365	31,159	30,698	81	74	40 463	9 926,022	61 860,570	6,232	5,771
32	25	97 913	56 200,139	1 726 190,310	30,715	30,254	82	75	36 818	8 876,303	51 934,548	5,851	5,390
33	26	97 819	55 180,809	1 669 990,171	30,264	29,803	83	76	33 133	7 850,730	43 058,244	5,485	5,023
34	27	97 721	54 177,531	1 614 809,362	29,806	29,345	84	77	29 481	6 865,096	35 207,514	5,128	4,667
35	28	97 618	53 189,204	1 560 631,831	29,341	28,880	85	78	25 849	5 915,838	28 342,418	4,791	4,330
36	29	97 511	52 217,285	1 507 442,627	28,869	28,407	86	79	22 302	5 016,286	22 426,580	4,471	4,010
37	30	97 397	51 259,283	1 455 225,342	28,389	27,928	87	80	18 894	4 176,564	17 410,294	4,169	3,707
38	31	97 277	50 315,626	1 403 966,059	27,903	27,442	88	81	15 656	3 401,328	13 233,730	3,891	3,430
39	32	97 141	49 380,973	1 353 650,433	27,412	26,951	89	82	12 699	2 711,564	9 832,401	3,626	3,165
40	33	96 995	48 458,772	1 304 269,460	26,915	26,454	90	83	9 992	2 096,797	7 120,837	3,396	2,935
41	34	96 835	47 546,841	1 255 810,688	26,412	25,951	91	84	7 717	1 591,565	5 024,040	3,157	2,695
42	35	96 661	46 645,263	1 208 263,848	25,903	25,442	92	85	5 729	1 161,122	3 432,475	2,956	2,495
43	36	96 475	45 754,692	1 161 618,584	25,388	24,927	93	86	4 118	820,258	2 271,353	2,769	2,308
44	37	96 257	44 866,238	1 115 863,892	24,871	24,410	94	87	2 854	558,845	1 451,095	2,597	2,135
45	38	96 015	43 983,374	1 070 997,654	24,350	23,889	95	88	1 900	365,581	892,250	2,441	1,979
46	39	95 749	43 107,145	1 027 014,280	23,825	23,363	96	89	1 212	229,285	526,669	2,297	1,836
47	40	95 449	42 232,994	983 907,135	23,297	22,836	97	90	736	136,815	297,384	2,174	1,712
48	41	95 106	41 357,583	941 674,141	22,769	22,308	98	91	427	78,078	160,569	2,057	1,595
49	42	94 725	40 483,437	900 316,558	22,239	21,778	99	92	234	42,055	82,491	1,961	1,500
							100	93	123	21,638	40,435	1,869	1,407

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	42	94 385	39 644,571	865 099,970	21,821	21,360
1							51	43	93 924	38 772,300	825 455,400	21,290	20,829
2							52	44	93 384	37 886,344	786 683,099	20,764	20,303
3							53	45	92 812	37 006,727	748 796,755	20,234	19,773
4							54	46	92 183	36 123,586	711 790,028	19,704	19,243
5							55	47	91 483	35 232,717	675 666,442	19,177	18,716
6							56	48	90 715	34 336,225	640 433,725	18,652	18,191
7							57	49	89 895	33 440,454	606 097,501	18,125	17,663
8	0	99 505	86 610,561	3 434 895,841	39,659	39,198	58	50	88 988	32 533,823	572 657,047	17,602	17,141
9	1	99 183	84 845,517	3 348 285,280	39,463	39,002	59	51	88 011	31 623,264	540 123,223	17,080	16,619
10	2	99 149	83 357,699	3 263 439,763	39,150	38,689	60	52	86 958	30 707,464	508 499,959	16,559	16,098
11	3	99 126	81 904,506	3 180 082,064	38,827	38,366	61	53	85 818	29 783,714	477 792,495	16,042	15,581
12	4	99 106	80 479,928	3 098 177,557	38,496	38,035	62	54	84 605	28 857,621	448 008,781	15,525	15,064
13	5	99 083	79 077,525	3 017 697,629	38,161	37,700	63	55	83 324	27 931,865	419 151,160	15,006	14,545
14	6	99 062	77 700,996	2 938 620,104	37,820	37,358	64	56	81 979	27 008,348	391 219,295	14,485	14,024
15	7	99 039	76 346,504	2 860 919,107	37,473	37,012	65	57	80 518	26 070,953	364 210,947	13,970	13,509
16	8	99 013	75 013,623	2 784 572,603	37,121	36,660	66	58	78 989	25 135,850	338 139,994	13,452	12,991
17	9	98 980	73 698,888	2 709 558,981	36,765	36,304	67	59	77 339	24 187,718	313 004,144	12,941	12,479
18	10	98 939	72 401,806	2 635 860,092	36,406	35,945	68	60	75 598	23 236,429	288 816,426	12,429	11,968
19	11	98 885	71 117,259	2 563 458,286	36,046	35,584	69	61	73 751	22 278,777	265 579,997	11,921	11,460
20	12	98 828	69 854,369	2 492 341,027	35,679	35,218	70	62	71 791	21 313,860	243 301,220	11,415	10,954
21	13	98 767	68 610,492	2 422 486,657	35,308	34,847	71	63	69 714	20 341,230	221 987,361	10,913	10,452
22	14	98 705	67 387,982	2 353 876,166	34,930	34,469	72	64	67 518	19 361,694	201 646,130	10,415	9,953
23	15	98 642	66 186,608	2 286 488,183	34,546	34,085	73	65	65 205	18 376,793	182 284,436	9,919	9,458
24	16	98 578	65 006,079	2 220 301,576	34,155	33,694	74	66	62 765	17 384,782	163 907,643	9,428	8,967
25	17	98 508	63 842,464	2 155 295,497	33,760	33,298	75	67	60 120	16 365,921	146 522,861	8,953	8,492
26	18	98 438	62 699,902	2 091 453,033	33,357	32,895	76	68	57 341	15 340,892	130 156,940	8,484	8,023
27	19	98 358	61 571,654	2 028 753,132	32,949	32,488	77	69	54 421	14 309,257	114 816,048	8,024	7,563
28	20	98 276	60 461,890	1 967 181,478	32,536	32,075	78	70	51 326	13 263,370	100 506,791	7,578	7,117
29	21	98 195	59 373,114	1 906 719,588	32,114	31,653	79	71	48 051	12 203,449	87 243,421	7,149	6,688
30	22	98 110	58 301,378	1 847 346,475	31,686	31,225	80	72	44 641	11 142,338	75 039,972	6,735	6,273
31	23	98 025	57 249,141	1 789 045,096	31,250	30,789	81	73	41 132	10 090,099	63 897,634	6,333	5,872
32	24	97 932	56 211,502	1 731 795,955	30,809	30,347	82	74	37 516	9 044,601	53 807,535	5,949	5,488
33	25	97 841	55 192,950	1 675 584,453	30,359	29,897	83	75	33 860	8 022,885	44 762,934	5,579	5,118
34	26	97 744	54 190,356	1 620 391,504	29,902	29,441	84	76	30 221	7 037,463	36 740,049	5,221	4,759
35	27	97 644	53 203,497	1 566 201,147	29,438	28,977	85	77	26 586	6 084,524	29 702,585	4,882	4,420
36	28	97 536	52 230,492	1 512 997,650	28,968	28,507	86	78	23 041	5 182,479	23 618,062	4,557	4,096
37	29	97 425	51 273,994	1 460 767,158	28,489	28,028	87	79	19 605	4 333,911	18 435,583	4,254	3,793
38	30	97 305	50 329,871	1 409 493,164	28,005	27,544	88	80	16 338	3 549,579	14 101,672	3,973	3,512
39	31	97 170	49 395,892	1 359 163,293	27,516	27,055	89	81	13 334	2 847,056	10 552,093	3,706	3,245
40	32	97 029	48 475,955	1 309 767,401	27,019	26,558	90	82	10 575	2 219,172	7 705,037	3,472	3,011
41	33	96 871	47 564,232	1 261 291,446	26,518	26,056	91	83	8 233	1 698,053	5 485,865	3,231	2,769
42	34	96 702	46 665,085	1 213 727,214	26,009	25,548	92	84	6 175	1 251,635	3 787,812	3,026	2,565
43	35	96 514	45 772,898	1 167 062,128	25,497	25,036	93	85	4 489	894,262	2 536,177	2,836	2,375
44	36	96 303	44 887,569	1 121 289,230	24,980	24,519	94	86	3 151	616,978	1 641,915	2,661	2,200
45	37	96 066	44 006,860	1 076 401,661	24,460	23,999	95	87	2 131	409,979	1 024,937	2,500	2,039
46	38	95 802	43 131,157	1 032 394,801	23,936	23,475	96	88	1 381	261,230	614,958	2,354	1,893
47	39	95 512	42 260,952	989 263,644	23,408	22,947	97	89	858	159,368	353,728	2,220	1,758
48	40	95 173	41 386,812	947 002,692	22,882	22,421	98	90	506	92,378	194,360	2,104	1,643
49	41	94 801	40 515,910	905 615,880	22,352	21,891	99	91	285	51,143	101,982	1,994	1,533
							100	92	151	26,688	50,839	1,905	1,444

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9	0	99 497	85 113,854	3 353 904,369	39,405	38,944
10	1	99 176	83 379,709	3 268 790,515	39,204	38,742
11	2	99 140	81 916,707	3 185 410,807	38,886	38,425
12	3	99 117	80 488,922	3 103 494,099	38,558	38,097
13	4	99 095	79 086,951	3 023 005,178	38,224	37,763
14	5	99 072	77 708,851	2 943 918,227	37,884	37,423
15	6	99 047	76 353,154	2 866 209,376	37,539	37,078
16	7	99 021	75 020,061	2 789 856,222	37,188	36,727
17	8	98 987	73 704,316	2 714 836,161	36,834	36,373
18	9	98 946	72 406,801	2 641 131,845	36,476	36,015
19	10	98 892	71 122,306	2 568 725,043	36,117	35,656
20	11	98 836	69 859,956	2 497 602,737	35,752	35,290
21	12	98 775	68 616,016	2 427 742,781	35,382	34,920
22	13	98 714	67 394,019	2 359 126,765	35,005	34,544
23	14	98 653	66 193,782	2 291 732,747	34,622	34,160
24	15	98 590	65 014,257	2 225 538,964	34,232	33,770
25	16	98 523	63 852,289	2 160 524,707	33,836	33,375
26	17	98 454	62 709,965	2 096 672,419	33,434	32,973
27	18	98 381	61 585,721	2 033 962,454	33,027	32,565
28	19	98 296	60 474,380	1 972 376,733	32,615	32,154
29	20	98 216	59 386,297	1 911 902,353	32,194	31,733
30	21	98 130	58 313,583	1 852 516,056	31,768	31,307
31	22	98 047	57 261,987	1 794 202,474	31,333	30,872
32	23	97 955	56 224,353	1 736 940,487	30,893	30,432
33	24	97 860	55 204,109	1 680 716,133	30,445	29,984
34	25	97 766	54 202,280	1 625 512,025	29,990	29,529
35	26	97 667	53 216,092	1 571 309,745	29,527	29,066
36	27	97 562	52 244,528	1 518 093,653	29,057	28,596
37	28	97 450	51 286,963	1 465 849,126	28,581	28,120
38	29	97 333	50 344,316	1 414 562,162	28,098	27,637
39	30	97 198	49 409,877	1 364 217,847	27,610	27,149
40	31	97 059	48 490,600	1 314 807,970	27,115	26,653
41	32	96 905	47 581,098	1 266 317,370	26,614	26,153
42	33	96 738	46 682,154	1 218 736,271	26,107	25,646
43	34	96 555	45 792,350	1 172 054,117	25,595	25,134
44	35	96 341	44 905,431	1 126 261,768	25,081	24,620
45	36	96 112	44 027,782	1 081 356,337	24,561	24,100
46	37	95 853	43 154,188	1 037 328,554	24,038	23,577
47	38	95 565	42 284,493	994 174,367	23,512	23,050
48	39	95 236	41 414,209	951 889,874	22,985	22,523
49	40	94 868	40 544,544	910 475,665	22,456	21,995

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
50	41	94 461	39 676,371	869 931,122	21,926	21,464
51	42	94 008	38 806,842	830 254,751	21,395	20,933
52	43	93 480	37 925,177	791 447,909	20,869	20,407
53	44	92 917	37 048,338	753 522,732	20,339	19,878
54	45	92 300	36 169,494	716 474,394	19,809	19,348
55	46	91 612	35 282,434	680 304,900	19,282	18,820
56	47	90 864	34 392,460	645 022,467	18,755	18,294
57	48	90 054	33 499,696	610 630,006	18,228	17,767
58	49	89 171	32 600,905	577 130,310	17,703	17,242
59	50	88 205	31 693,084	544 529,406	17,181	16,720
60	51	87 171	30 782,784	512 836,322	16,660	16,199
61	52	86 054	29 865,707	482 053,538	16,141	15,679
62	53	84 860	28 944,644	452 187,832	15,623	15,161
63	54	83 590	28 021,287	423 243,188	15,104	14,643
64	55	82 270	27 104,383	395 221,901	14,581	14,120
65	56	80 823	26 169,670	368 117,517	14,067	13,605
66	57	79 306	25 236,710	341 947,847	13,550	13,088
67	58	77 682	24 294,914	316 711,137	13,036	12,575
68	59	75 957	23 346,672	292 416,222	12,525	12,064
69	60	74 150	22 399,496	269 069,550	12,012	11,551
70	61	72 206	21 437,052	246 670,054	11,507	11,046
71	62	70 157	20 470,350	225 233,002	11,003	10,542
72	63	67 976	19 493,035	204 762,652	10,504	10,043
73	64	65 688	18 512,852	185 269,616	10,008	9,546
74	65	63 259	17 521,623	166 756,765	9,517	9,056
75	66	60 639	16 507,127	149 235,141	9,041	8,579
76	67	57 870	15 482,281	132 728,014	8,573	8,112
77	68	54 955	14 449,572	117 245,733	8,114	7,653
78	69	51 877	13 405,759	102 796,161	7,668	7,207
79	70	48 615	12 346,729	89 390,402	7,240	6,779
80	71	45 223	11 287,692	77 043,672	6,825	6,364
81	72	41 737	10 238,327	65 755,981	6,423	5,961
82	73	38 136	9 194,108	55 517,654	6,038	5,577
83	74	34 502	8 175,001	46 323,545	5,666	5,205
84	75	30 884	7 191,784	38 148,544	5,304	4,843
85	76	27 253	6 237,292	30 956,760	4,963	4,502
86	77	23 698	5 330,253	24 719,467	4,638	4,176
87	78	20 255	4 477,497	19 389,214	4,330	3,869
88	79	16 954	3 683,304	14 911,718	4,048	3,587
89	80	13 915	2 971,148	11 228,413	3,779	3,318
90	81	11 104	2 330,060	8 257,265	3,544	3,083
91	82	8 714	1 797,156	5 927,205	3,298	2,837
92	83	6 588	1 335,379	4 130,049	3,093	2,632
93	84	4 839	963,973	2 794,670	2,899	2,438
94	85	3 436	672,642	1 830,698	2,722	2,260
95	86	2 352	452,626	1 158,055	2,559	2,097
96	87	1 549	292,955	705,429	2,408	1,947
97	88	977	181,572	412,474	2,272	1,810
98	89	589	107,606	230,902	2,146	1,685
99	90	337	60,509	123,296	2,038	1,576
100	91	184	32,455	62,787	1,935	1,473

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	40	94 528	39 704,411	874 358,765	22,022	21,560
1							51	41	94 083	38 837,970	834 654,354	21,491	21,029
2							52	42	93 563	37 958,964	795 816,384	20,965	20,504
3							53	43	93 012	37 086,312	757 857,420	20,435	19,974
4							54	44	92 404	36 210,163	720 771,108	19,905	19,444
5							55	45	91 728	35 327,272	684 560,945	19,378	18,916
6							56	46	90 992	34 440,991	649 233,673	18,851	18,389
7							57	47	90 201	33 554,562	614 792,681	18,322	17,861
8							58	48	89 329	32 658,659	581 238,120	17,797	17,336
9							59	49	88 387	31 758,432	548 579,461	17,274	16,812
10	0	99 489	83 643,410	3 273 963,815	39,142	38,681	60	50	87 364	30 850,748	516 821,029	16,752	16,291
11	1	99 167	81 938,336	3 190 320,405	38,936	38,474	61	51	86 265	29 938,961	485 970,281	16,232	15,771
12	2	99 132	80 500,912	3 108 382,069	38,613	38,152	62	52	85 093	29 024,326	456 031,320	15,712	15,251
13	3	99 106	79 095,788	3 027 881,157	38,281	37,820	63	53	83 842	28 105,788	427 006,994	15,193	14,732
14	4	99 084	77 718,113	2 948 785,369	37,942	37,481	64	54	82 534	27 191,156	398 901,205	14,670	14,209
15	5	99 057	76 360,872	2 871 067,256	37,599	37,137	65	55	81 110	26 262,723	371 710,049	14,154	13,692
16	6	99 030	75 026,595	2 794 706,384	37,250	36,788	66	56	79 606	25 332,269	345 447,325	13,637	13,175
17	7	98 995	73 710,643	2 719 679,788	36,897	36,435	67	57	77 994	24 392,400	320 115,057	13,124	12,662
18	8	98 953	72 412,134	2 645 969,146	36,540	36,079	68	58	76 293	23 450,142	295 722,656	12,611	12,149
19	9	98 899	71 127,213	2 573 557,011	36,182	35,721	69	59	74 502	22 505,769	272 272,515	12,098	11,637
20	10	98 843	69 864,914	2 502 429,798	35,818	35,357	70	60	72 597	21 553,210	249 766,746	11,588	11,127
21	11	98 783	68 621,503	2 432 564,884	35,449	34,988	71	61	70 562	20 588,667	228 213,536	11,084	10,623
22	12	98 722	67 399,445	2 363 943,381	35,074	34,612	72	62	68 408	19 616,771	207 624,869	10,584	10,123
23	13	98 661	66 199,712	2 296 543,937	34,691	34,230	73	63	66 134	18 638,435	188 008,098	10,087	9,626
24	14	98 601	65 021,304	2 230 344,224	34,302	33,841	74	64	63 727	17 651,350	169 369,663	9,595	9,134
25	15	98 535	63 860,322	2 165 322,920	33,907	33,446	75	65	61 116	16 637,061	151 718,313	9,119	8,658
26	16	98 469	62 719,616	2 101 462,598	33,506	33,044	76	66	58 369	15 615,863	135 081,252	8,650	8,189
27	17	98 396	61 595,605	2 038 742,983	33,099	32,638	77	67	55 461	14 582,746	119 465,389	8,192	7,731
28	18	98 318	60 488,196	1 977 147,377	32,686	32,225	78	68	52 386	13 537,214	104 882,643	7,748	7,287
29	19	98 237	59 398,565	1 916 659,181	32,268	31,807	79	69	49 137	12 479,278	91 345,429	7,320	6,859
30	20	98 152	58 326,531	1 857 260,616	31,842	31,381	80	70	45 754	11 420,220	78 866,151	6,906	6,445
31	21	98 067	57 273,974	1 798 934,086	31,409	30,948	81	71	42 281	10 371,888	67 445,931	6,503	6,042
32	22	97 977	56 236,969	1 741 660,112	30,970	30,509	82	72	38 696	9 329,174	57 074,043	6,118	5,657
33	23	97 883	55 216,730	1 685 423,143	30,524	30,063	83	73	35 072	8 310,134	47 744,869	5,745	5,284
34	24	97 786	54 213,238	1 630 206,413	30,070	29,609	84	74	31 469	7 328,143	39 434,735	5,381	4,920
35	25	97 688	53 227,801	1 575 993,175	29,608	29,147	85	75	27 851	6 374,067	32 106,592	5,037	4,576
36	26	97 585	52 256,895	1 522 765,374	29,140	28,679	86	76	24 293	5 464,084	25 732,525	4,709	4,248
37	27	97 476	51 300,745	1 470 508,479	28,664	28,203	87	77	20 832	4 605,169	20 268,441	4,401	3,940
38	28	97 357	50 357,050	1 419 207,734	28,183	27,722	88	78	17 515	3 805,335	15 663,272	4,116	3,655
39	29	97 226	49 424,057	1 368 850,684	27,696	27,235	89	79	14 439	3 083,082	11 857,938	3,846	3,385
40	30	97 086	48 504,329	1 319 426,627	27,202	26,741	90	80	11 588	2 431,618	8 774,855	3,609	3,147
41	31	96 934	47 595,473	1 270 922,298	26,703	26,241	91	81	9 149	1 886,957	6 343,237	3,362	2,900
42	32	96 772	46 698,707	1 223 326,825	26,196	25,735	92	82	6 973	1 413,315	4 456,280	3,153	2,692
43	33	96 590	45 809,099	1 176 628,117	25,685	25,224	93	83	5 163	1 028,470	3 042,965	2,959	2,498
44	34	96 382	44 924,513	1 130 819,018	25,172	24,710	94	84	3 704	725,077	2 014,496	2,778	2,317
45	35	96 150	44 045,302	1 085 894,505	24,654	24,193	95	85	2 565	493,463	1 289,419	2,613	2,152
46	36	95 899	43 174,705	1 041 849,203	24,131	23,670	96	86	1 710	323,429	795,956	2,461	2,000
47	37	95 616	42 307,071	998 674,498	23,605	23,144	97	87	1 096	203,623	472,527	2,321	1,859
48	38	95 289	41 437,278	956 367,427	23,080	22,619	98	88	671	122,598	268,904	2,193	1,732
49	39	94 931	40 571,384	914 930,149	22,551	22,090	99	89	393	70,484	146,307	2,076	1,615
							100	90	218	38,399	75,822	1,975	1,513

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	39	94 590	39 730,695	878 415,463	22,109	21,648
1							51	40	94 150	38 865,418	838 684,768	21,579	21,118
2							52	41	93 638	37 989,412	799 819,350	21,054	20,593
3							53	42	93 095	37 119,352	761 829,938	20,524	20,063
4							54	43	92 498	36 247,278	724 710,587	19,994	19,532
5							55	44	91 831	35 366,995	688 463,309	19,466	19,005
6							56	45	91 108	34 484,761	653 096,314	18,939	18,477
7							57	46	90 329	33 601,910	618 611,553	18,410	17,949
8							58	47	89 476	32 712,147	585 009,643	17,884	17,422
9							59	48	88 544	31 814,694	552 297,495	17,360	16,899
10							60	49	87 544	30 914,359	520 482,802	16,836	16,375
11	0	99 480	82 197,479	3 195 083,010	38,871	38,410	61	50	86 456	30 005,062	489 568,443	16,316	15,855
12	1	99 158	80 522,167	3 112 885,531	38,659	38,198	62	51	85 302	29 095,517	459 563,381	15,795	15,334
13	2	99 121	79 107,571	3 032 363,364	38,332	37,871	63	52	84 073	28 183,161	430 467,864	15,274	14,813
14	3	99 095	77 726,798	2 953 255,794	37,995	37,534	64	53	82 782	27 273,154	402 284,702	14,750	14,289
15	4	99 069	76 369,974	2 875 528,996	37,653	37,191	65	54	81 370	26 346,802	375 011,548	14,234	13,772
16	5	99 040	75 034,179	2 799 159,022	37,305	36,844	66	55	79 889	25 422,344	348 664,746	13,715	13,254
17	6	99 004	73 717,063	2 724 124,843	36,954	36,493	67	56	78 289	24 484,762	323 242,401	13,202	12,741
18	7	98 962	72 418,350	2 650 407,780	36,599	36,137	68	57	76 599	23 544,238	298 757,640	12,689	12,228
19	8	98 906	71 132,452	2 577 989,430	36,242	35,781	69	58	74 832	22 605,511	275 213,402	12,175	11,713
20	9	98 850	69 869,734	2 506 856,979	35,879	35,418	70	59	72 942	21 655,468	252 607,891	11,665	11,204
21	10	98 790	68 626,373	2 436 987,245	35,511	35,050	71	60	70 945	20 700,228	230 952,423	11,157	10,696
22	11	98 730	67 404,835	2 368 360,871	35,136	34,675	72	61	68 803	19 730,154	210 252,195	10,656	10,195
23	12	98 669	66 205,042	2 300 956,037	34,755	34,294	73	62	66 553	18 756,746	190 522,041	10,158	9,696
24	13	98 610	65 027,129	2 234 750,995	34,366	33,905	74	63	64 160	17 771,089	171 765,295	9,665	9,204
25	14	98 546	63 867,244	2 169 723,866	33,972	33,511	75	64	61 569	16 760,239	153 994,205	9,188	8,727
26	15	98 481	62 727,506	2 105 856,621	33,572	33,110	76	65	58 828	15 738,781	137 233,967	8,719	8,258
27	16	98 411	61 605,084	2 043 129,115	33,165	32,704	77	66	55 940	14 708,567	121 495,186	8,260	7,799
28	17	98 334	60 497,904	1 981 524,031	32,754	32,292	78	67	52 869	13 661,980	106 786,619	7,816	7,355
29	18	98 259	59 412,135	1 921 026,127	32,334	31,873	79	68	49 619	12 601,648	93 124,640	7,390	6,929
30	19	98 172	58 338,580	1 861 613,991	31,911	31,449	80	69	46 245	11 542,822	80 522,991	6,976	6,515
31	20	98 089	57 286,691	1 803 275,411	31,478	31,017	81	70	42 777	10 493,664	68 980,169	6,574	6,112
32	21	97 997	56 248,741	1 745 988,720	31,040	30,579	82	71	39 201	9 450,874	58 486,505	6,188	5,727
33	22	97 905	55 229,120	1 689 739,979	30,595	30,134	83	72	35 588	8 432,213	49 035,631	5,815	5,354
34	23	97 808	54 225,633	1 634 510,859	30,143	29,682	84	73	31 989	7 449,277	40 603,418	5,451	4,989
35	24	97 708	53 238,562	1 580 285,226	29,683	29,222	85	74	28 379	6 494,921	33 154,140	5,105	4,643
36	25	97 606	52 268,393	1 527 046,664	29,215	28,754	86	75	24 825	5 583,903	26 659,219	4,774	4,313
37	26	97 499	51 312,889	1 474 778,271	28,741	28,280	87	76	21 355	4 720,794	21 075,316	4,464	4,003
38	27	97 383	50 370,582	1 423 465,382	28,260	27,799	88	77	18 015	3 913,841	16 354,522	4,179	3,717
39	28	97 250	49 436,559	1 373 094,800	27,775	27,314	89	78	14 918	3 185,227	12 440,681	3,906	3,445
40	29	97 114	48 518,249	1 323 658,242	27,282	26,820	90	79	12 024	2 523,226	9 255,454	3,668	3,207
41	30	96 962	47 608,948	1 275 139,992	26,784	26,322	91	80	9 548	1 969,202	6 732,227	3,419	2,958
42	31	96 801	46 712,816	1 227 531,044	26,278	25,817	92	81	7 321	1 483,936	4 763,026	3,210	2,749
43	32	96 624	45 825,343	1 180 818,228	25,768	25,307	93	82	5 464	1 088,494	3 279,090	3,013	2,551
44	33	96 418	44 940,945	1 134 992,885	25,255	24,794	94	83	3 951	773,590	2 190,596	2,832	2,371
45	34	96 191	44 064,019	1 090 051,940	24,738	24,277	95	84	2 765	531,929	1 417,006	2,664	2,203
46	35	95 937	43 191,885	1 045 987,921	24,217	23,756	96	85	1 865	352,609	885,077	2,510	2,049
47	36	95 661	42 327,186	1 002 796,036	23,692	23,230	97	86	1 210	224,805	532,468	2,369	1,907
48	37	95 340	41 459,404	960 468,851	23,166	22,705	98	87	753	137,486	307,663	2,238	1,777
49	38	94 983	40 593,983	919 009,446	22,639	22,178	99	88	447	80,304	170,177	2,119	1,658
							100	89	254	44,729	89,872	2,009	1,548

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12	0	99 472	80 776,831	3 117 270,552	38,591	38,130
13	1	99 147	79 128,458	3 036 493,721	38,374	37,913
14	2	99 110	77 738,376	2 957 365,263	38,043	37,581
15	3	99 080	76 378,508	2 879 626,887	37,702	37,241
16	4	99 052	75 043,123	2 803 248,379	37,355	36,894
17	5	99 014	73 724,514	2 728 205,256	37,005	36,544
18	6	98 971	72 424,657	2 654 480,742	36,652	36,190
19	7	98 914	71 138,557	2 582 056,085	36,296	35,835
20	8	98 857	69 874,880	2 510 917,527	35,934	35,473
21	9	98 797	68 631,108	2 441 042,648	35,568	35,106
22	10	98 737	67 409,619	2 372 411,540	35,194	34,733
23	11	98 677	66 210,336	2 305 001,921	34,813	34,352
24	12	98 618	65 032,364	2 238 791,584	34,426	33,965
25	13	98 555	63 872,966	2 173 759,220	34,033	33,571
26	14	98 492	62 734,306	2 109 886,255	33,632	33,171
27	15	98 424	61 612,835	2 047 151,949	33,226	32,765
28	16	98 349	60 507,215	1 985 539,114	32,815	32,354
29	17	98 275	59 421,671	1 925 031,899	32,396	31,935
30	18	98 195	58 351,908	1 865 610,228	31,972	31,511
31	19	98 109	57 298,525	1 807 258,320	31,541	31,080
32	20	98 019	56 261,231	1 749 959,795	31,104	30,643
33	21	97 925	55 240,681	1 693 698,564	30,660	30,199
34	22	97 830	54 237,800	1 638 457,883	30,209	29,748
35	23	97 731	53 250,734	1 584 220,083	29,750	29,289
36	24	97 626	52 278,961	1 530 969,349	29,285	28,823
37	25	97 520	51 324,179	1 478 690,388	28,811	28,350
38	26	97 406	50 382,506	1 427 366,209	28,331	27,869
39	27	97 276	49 449,843	1 376 983,703	27,846	27,385
40	28	97 139	48 530,521	1 327 533,860	27,355	26,893
41	29	96 989	47 622,612	1 279 003,338	26,857	26,396
42	30	96 829	46 726,041	1 231 380,726	26,353	25,892
43	31	96 653	45 839,188	1 184 654,686	25,844	25,383
44	32	96 452	44 956,881	1 138 815,498	25,331	24,870
45	33	96 226	44 080,136	1 093 858,617	24,815	24,354
46	34	95 978	43 210,239	1 049 778,480	24,295	23,833
47	35	95 700	42 344,028	1 006 568,241	23,771	23,310
48	36	95 385	41 479,116	964 224,213	23,246	22,785
49	37	95 034	40 615,659	922 745,097	22,719	22,258
50	38	94 643	39 752,826	882 129,439	22,190	21,729
51	39	94 212	38 891,146	842 376,612	21,660	21,199
52	40	93 704	38 016,260	803 485,466	21,135	20,674
53	41	93 169	37 149,126	765 469,206	20,605	20,144
54	42	92 581	36 279,570	728 320,080	20,075	19,614
55	43	91 926	35 403,246	692 040,509	19,547	19,086
56	44	91 210	34 523,536	656 637,264	19,020	18,559
57	45	90 443	33 644,613	622 113,728	18,491	18,030
58	46	89 602	32 758,307	588 469,115	17,964	17,503
59	47	88 689	31 866,800	555 710,807	17,439	16,977
60	48	87 699	30 969,125	523 844,008	16,915	16,454
61	49	86 634	30 066,930	492 874,882	16,393	15,931
62	50	85 490	29 159,756	462 807,953	15,871	15,410
63	51	84 280	28 252,289	433 648,197	15,349	14,888
64	52	83 010	27 348,235	405 395,908	14,823	14,362
65	53	81 616	26 426,254	378 047,672	14,306	13,845
66	54	80 145	25 503,732	351 621,419	13,787	13,326
67	55	78 568	24 571,824	326 117,686	13,272	12,811
68	56	76 889	23 633,388	301 545,862	12,759	12,298
69	57	75 133	22 696,218	277 912,475	12,245	11,784
70	58	73 265	21 751,442	255 216,257	11,733	11,272
71	59	71 281	20 798,439	233 464,815	11,225	10,764
72	60	69 176	19 837,063	212 666,376	10,721	10,259
73	61	66 938	18 865,159	192 829,313	10,221	9,760
74	62	64 567	17 883,895	173 964,154	9,727	9,266
75	63	61 987	16 873,933	156 080,260	9,250	8,789
76	64	59 264	15 855,308	139 206,327	8,780	8,319
77	65	56 380	14 824,343	123 351,019	8,321	7,860
78	66	53 325	13 779,856	108 526,676	7,876	7,415
79	67	50 076	12 717,791	94 746,820	7,450	6,989
80	68	46 699	11 656,010	82 029,029	7,037	6,576
81	69	43 237	10 606,319	70 373,019	6,635	6,174
82	70	39 661	9 561,837	59 766,700	6,251	5,789
83	71	36 052	8 542,213	50 204,863	5,877	5,416
84	72	32 459	7 558,710	41 662,650	5,512	5,051
85	73	28 848	6 602,282	34 103,940	5,165	4,704
86	74	25 296	5 689,776	27 501,658	4,834	4,372
87	75	21 824	4 824,314	21 811,882	4,521	4,060
88	76	18 467	4 012,109	16 987,568	4,234	3,773
89	77	15 343	3 276,051	12 975,459	3,961	3,499
90	78	12 423	2 606,822	9 699,408	3,721	3,260
91	79	9 908	2 043,389	7 092,585	3,471	3,010
92	80	7 640	1 548,615	5 049,197	3,260	2,799
93	81	5 737	1 142,884	3 500,582	3,063	2,602
94	82	4 182	818,739	2 357,698	2,880	2,418
95	83	2 950	567,520	1 538,959	2,712	2,251
96	84	2 010	380,096	971,440	2,556	2,095
97	85	1 319	245,087	591,344	2,413	1,952
98	86	831	151,788	346,257	2,281	1,820
99	87	502	90,057	194,469	2,159	1,698
100	88	289	50,961	104,412	2,049	1,588

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	37	94 694	39 774,053	885 530,163	22,264	21,803
1							51	38	94 264	38 912,810	845 756,110	21,735	21,273
2							52	39	93 766	38 041,426	806 843,300	21,210	20,748
3							53	40	93 235	37 175,381	768 801,874	20,680	20,219
4							54	41	92 655	36 308,671	731 626,493	20,150	19,689
5							55	42	92 007	35 434,786	695 317,822	19,622	19,161
6							56	43	91 304	34 558,922	659 883,036	19,094	18,633
7							57	44	90 545	33 682,444	625 324,114	18,565	18,104
8							58	45	89 716	32 799,938	591 641,670	18,038	17,577
9							59	46	88 814	31 911,767	558 841,732	17,512	17,051
10							60	47	87 843	31 019,846	526 929,965	16,987	16,526
11							61	48	86 788	30 120,195	495 910,119	16,464	16,003
12							62	49	85 667	29 219,880	465 789,924	15,941	15,480
13	0	99 461	79 378,714	3 040 532,166	38,304	37,843	63	50	84 466	28 314,666	436 570,043	15,419	14,957
14	1	99 136	77 758,902	2 961 153,452	38,081	37,620	64	51	83 214	27 415,315	408 255,377	14,892	14,430
15	2	99 095	76 389,885	2 883 394,550	37,746	37,285	65	52	81 840	26 499,003	380 840,062	14,372	13,911
16	3	99 063	75 051,509	2 807 004,664	37,401	36,940	66	53	80 386	25 580,642	354 341,059	13,852	13,391
17	4	99 026	73 733,302	2 731 953,155	37,052	36,591	67	54	78 819	24 650,489	328 760,417	13,337	12,876
18	5	98 981	72 431,978	2 658 219,853	36,700	36,238	68	55	77 163	23 717,422	304 109,928	12,822	12,361
19	6	98 923	71 144,753	2 585 787,875	36,345	35,884	69	56	75 417	22 782,157	280 392,506	12,308	11,846
20	7	98 866	69 880,878	2 514 643,122	35,985	35,524	70	57	73 559	21 838,722	257 610,349	11,796	11,335
21	8	98 804	68 636,163	2 444 762,245	35,619	35,158	71	58	71 597	20 890,615	235 771,627	11,286	10,825
22	9	98 744	67 414,269	2 376 126,082	35,247	34,785	72	59	69 504	19 931,179	214 881,013	10,781	10,320
23	10	98 684	66 215,036	2 308 711,813	34,867	34,406	73	60	67 301	18 967,381	194 949,834	10,278	9,817
24	11	98 626	65 037,565	2 242 496,777	34,480	34,019	74	61	64 940	17 987,262	175 982,453	9,784	9,323
25	12	98 563	63 878,108	2 177 459,212	34,088	33,627	75	62	62 380	16 981,043	157 995,191	9,304	8,843
26	13	98 501	62 739,926	2 113 581,104	33,688	33,227	76	63	59 666	15 962,864	141 014,148	8,834	8,373
27	14	98 435	61 619,514	2 050 841,178	33,282	32,821	77	64	56 798	14 934,100	125 051,284	8,374	7,912
28	15	98 362	60 514,827	1 989 221,665	32,872	32,410	78	65	53 745	13 888,322	110 117,184	7,929	7,468
29	16	98 290	59 430,816	1 928 706,838	32,453	31,992	79	66	50 508	12 827,521	96 228,862	7,502	7,041
30	17	98 210	58 361,273	1 869 276,022	32,029	31,568	80	67	47 129	11 763,437	83 401,342	7,090	6,629
31	18	98 132	57 311,616	1 810 914,749	31,598	31,136	81	68	43 661	10 710,323	71 637,905	6,689	6,227
32	19	98 039	56 272,853	1 753 603,133	31,163	30,701	82	69	40 087	9 664,488	60 927,582	6,304	5,843
33	20	97 947	55 252,947	1 697 330,279	30,719	30,258	83	70	36 475	8 642,507	51 263,093	5,932	5,470
34	21	97 851	54 249,154	1 642 077,333	30,269	29,808	84	71	32 883	7 657,315	42 620,586	5,566	5,105
35	22	97 752	53 262,683	1 587 828,179	29,811	29,350	85	72	29 272	6 699,272	34 963,272	5,219	4,758
36	23	97 648	52 290,913	1 534 565,496	29,347	28,885	86	73	25 714	5 783,828	28 263,999	4,887	4,426
37	24	97 540	51 334,556	1 482 274,583	28,875	28,414	87	74	22 238	4 915,785	22 480,172	4,573	4,112
38	25	97 428	50 393,591	1 430 940,027	28,395	27,934	88	75	18 872	4 100,088	17 564,387	4,284	3,823
39	26	97 299	49 461,549	1 380 546,436	27,912	27,450	89	76	15 728	3 358,306	13 464,298	4,009	3,548
40	27	97 165	48 543,563	1 331 084,887	27,420	26,959	90	77	12 777	2 681,154	10 105,993	3,769	3,308
41	28	97 014	47 634,657	1 282 541,324	26,925	26,463	91	78	10 236	2 111,088	7 424,839	3,517	3,056
42	29	96 857	46 739,451	1 234 906,666	26,421	25,960	92	79	7 928	1 606,957	5 313,751	3,307	2,846
43	30	96 681	45 852,165	1 188 167,215	25,913	25,452	93	80	5 987	1 192,698	3 706,794	3,108	2,647
44	31	96 481	44 970,464	1 142 315,050	25,401	24,940	94	81	4 391	859,650	2 514,096	2,925	2,463
45	32	96 260	44 095,767	1 097 344,586	24,885	24,424	95	82	3 122	600,641	1 654,447	2,754	2,293
46	33	96 013	43 226,044	1 053 248,819	24,366	23,905	96	83	2 144	405,527	1 053,805	2,599	2,137
47	34	95 740	42 362,022	1 010 022,775	23,843	23,381	97	84	1 422	264,192	648,278	2,454	1,993
48	35	95 423	41 495,621	967 660,753	23,320	22,858	98	85	906	165,483	384,086	2,321	1,860
49	36	95 079	40 634,969	926 165,132	22,792	22,331	99	86	554	99,425	218,603	2,199	1,737
							100	87	324	57,150	119,178	2,085	1,624

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	36	94 739	39 792,963	888 643,521	22,332	21,870
1							51	37	94 315	38 933,588	848 850,558	21,803	21,341
2							52	38	93 818	38 062,616	809 916,970	21,279	20,817
3							53	39	93 297	37 199,990	771 854,353	20,749	20,288
4							54	40	92 720	36 334,332	734 654,363	20,219	19,758
5							55	41	92 081	35 463,209	698 320,031	19,691	19,230
6							56	42	91 385	34 589,710	662 856,822	19,163	18,702
7							57	43	90 638	33 716,968	628 267,112	18,634	18,172
8							58	44	89 817	32 836,819	594 550,144	18,106	17,645
9							59	45	88 927	31 952,322	561 713,325	17,580	17,119
10							60	46	87 966	31 063,618	529 761,003	17,054	16,593
11							61	47	86 930	30 169,526	498 697,385	16,530	16,069
12							62	48	85 819	29 271,645	468 527,859	16,006	15,545
13							63	49	84 640	28 373,048	439 256,214	15,481	15,020
14	0	99 450	78 004,827	2 964 874,131	38,009	37,548	64	50	83 398	27 475,844	410 883,166	14,954	14,493
15	1	99 121	76 410,055	2 886 869,305	37,781	37,320	65	51	82 041	26 564,000	383 407,322	14,433	13,972
16	2	99 077	75 062,689	2 810 459,250	37,441	36,980	66	52	80 608	25 651,063	356 843,322	13,911	13,450
17	3	99 037	73 741,541	2 735 396,561	37,094	36,633	67	53	79 057	24 724,825	331 192,259	13,395	12,934
18	4	98 992	72 440,612	2 661 655,020	36,743	36,281	68	54	77 410	23 793,352	306 467,433	12,880	12,419
19	5	98 933	71 151,945	2 589 214,408	36,390	35,929	69	55	75 685	22 863,165	282 674,081	12,364	11,903
20	6	98 875	69 886,964	2 518 062,463	36,031	35,569	70	56	73 838	21 921,414	259 810,916	11,852	11,391
21	7	98 813	68 642,054	2 448 175,499	35,666	35,205	71	57	71 884	20 974,440	237 889,502	11,342	10,881
22	8	98 751	67 419,234	2 379 533,445	35,295	34,833	72	58	69 812	20 019,511	216 915,062	10,835	10,374
23	9	98 691	66 219,604	2 312 114,211	34,916	34,455	73	59	67 620	19 057,370	196 895,551	10,332	9,871
24	10	98 633	65 042,181	2 245 894,607	34,530	34,069	74	60	65 292	18 084,727	177 838,181	9,834	9,372
25	11	98 571	63 883,216	2 180 852,426	34,138	33,677	75	61	62 741	17 079,192	159 753,454	9,354	8,892
26	12	98 509	62 744,977	2 116 969,209	33,739	33,278	76	62	60 045	16 064,191	142 674,262	8,882	8,420
27	13	98 443	61 625,034	2 054 224,233	33,334	32,873	77	63	57 183	15 035,406	126 610,071	8,421	7,960
28	14	98 372	60 521,387	1 992 599,199	32,924	32,463	78	64	54 142	13 991,149	111 574,665	7,975	7,513
29	15	98 302	59 438,292	1 932 077,812	32,506	32,044	79	65	50 906	12 928,491	97 583,516	7,548	7,087
30	16	98 225	58 370,255	1 872 639,520	32,082	31,621	80	66	47 536	11 864,933	84 655,025	7,135	6,674
31	17	98 148	57 320,814	1 814 269,265	31,651	31,190	81	67	44 063	10 809,035	72 790,093	6,734	6,273
32	18	98 062	56 285,710	1 756 948,451	31,215	30,754	82	68	40 480	9 759,257	61 981,058	6,351	5,890
33	19	97 967	55 264,361	1 700 662,741	30,773	30,312	83	69	36 867	8 735,289	52 221,801	5,978	5,517
34	20	97 872	54 261,199	1 645 398,380	30,324	29,862	84	70	33 269	7 747,219	43 486,512	5,613	5,152
35	21	97 773	53 273,833	1 591 137,181	29,867	29,406	85	71	29 654	6 786,666	35 739,293	5,266	4,805
36	22	97 670	52 302,646	1 537 863,348	29,403	28,942	86	72	26 092	5 868,794	28 952,628	4,933	4,472
37	23	97 562	51 346,293	1 485 560,702	28,932	28,471	87	73	22 605	4 997,043	23 083,833	4,619	4,158
38	24	97 448	50 403,780	1 434 214,409	28,455	27,993	88	74	19 230	4 177,827	18 086,790	4,329	3,868
39	25	97 321	49 472,432	1 383 810,629	27,971	27,510	89	75	16 073	3 431,948	13 908,963	4,053	3,592
40	26	97 188	48 555,054	1 334 338,197	27,481	27,020	90	76	13 098	2 748,472	10 477,015	3,812	3,351
41	27	97 040	47 647,458	1 285 783,143	26,985	26,524	91	77	10 528	2 171,284	7 728,543	3,559	3,098
42	28	96 881	46 751,273	1 238 135,686	26,483	26,022	92	78	8 191	1 660,196	5 557,259	3,347	2,886
43	29	96 708	45 865,325	1 191 384,412	25,976	25,515	93	79	6 213	1 237,631	3 897,063	3,149	2,688
44	30	96 508	44 983,195	1 145 519,087	25,465	25,004	94	80	4 582	897,118	2 659,432	2,964	2,503
45	31	96 289	44 109,089	1 100 535,892	24,950	24,489	95	81	3 278	630,655	1 762,313	2,794	2,333
46	32	96 047	43 241,372	1 056 426,803	24,431	23,970	96	82	2 270	429,195	1 131,659	2,637	2,175
47	33	95 775	42 377,517	1 013 185,431	23,909	23,447	97	83	1 517	281,869	702,464	2,492	2,031
48	34	95 464	41 513,255	970 807,914	23,385	22,924	98	84	977	178,383	420,595	2,358	1,897
49	35	95 117	40 651,138	929 294,659	22,860	22,399	99	85	604	108,395	242,213	2,235	1,773
							100	86	358	63,095	133,818	2,121	1,660

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	35	94 776	39 808,797	891 492,502	22,394	21,933
1							51	36	94 360	38 952,099	851 683,705	21,865	21,404
2							52	37	93 869	38 082,941	812 731,607	21,341	20,880
3							53	38	93 349	37 220,712	774 648,666	20,812	20,351
4							54	39	92 782	36 358,385	737 427,954	20,282	19,821
5							55	40	92 146	35 488,272	701 069,570	19,755	19,294
6							56	41	91 458	34 617,456	665 581,298	19,227	18,766
7							57	42	90 719	33 747,006	630 963,842	18,697	18,236
8							58	43	89 909	32 870,476	597 216,837	18,169	17,708
9							59	44	89 027	31 988,250	564 346,360	17,642	17,181
10							60	45	88 078	31 103,096	532 358,111	17,116	16,655
11							61	46	87 052	30 212,098	501 255,015	16,591	16,130
12							62	47	85 959	29 319,586	471 042,917	16,066	15,605
13							63	48	84 790	28 423,313	441 723,331	15,541	15,080
14							64	49	83 570	27 532,497	413 300,018	15,011	14,550
15	0	99 435	76 651,714	2 890 298,831	37,707	37,246	65	50	82 222	26 622,649	385 767,522	14,490	14,029
16	1	99 104	75 082,508	2 813 647,117	37,474	37,013	66	51	80 805	25 713,980	359 144,872	13,967	13,506
17	2	99 052	73 752,526	2 738 564,609	37,132	36,671	67	52	79 274	24 792,891	333 430,892	13,449	12,987
18	3	99 003	72 448,706	2 664 812,083	36,782	36,321	68	53	77 643	23 865,104	308 638,001	12,933	12,471
19	4	98 945	71 160,426	2 592 363,377	36,430	35,969	69	54	75 928	22 936,360	284 772,898	12,416	11,955
20	5	98 885	69 894,029	2 521 202,951	36,072	35,611	70	55	74 100	21 999,361	261 836,538	11,902	11,441
21	6	98 821	68 648,032	2 451 308,922	35,708	35,247	71	56	72 156	21 053,860	239 837,176	11,392	10,930
22	7	98 759	67 425,021	2 382 660,890	35,338	34,877	72	57	70 092	20 099,841	218 783,317	10,885	10,424
23	8	98 698	66 224,481	2 315 235,868	34,960	34,499	73	58	67 920	19 141,830	198 683,476	10,380	9,918
24	9	98 640	65 046,668	2 249 011,388	34,575	34,114	74	59	65 602	18 170,529	179 541,646	9,881	9,420
25	10	98 578	63 887,750	2 183 964,719	34,184	33,723	75	60	63 081	17 171,737	161 371,117	9,397	8,936
26	11	98 516	62 749,995	2 120 076,969	33,786	33,325	76	61	60 392	16 157,041	144 199,380	8,925	8,464
27	12	98 451	61 629,995	2 057 326,974	33,382	32,921	77	62	57 546	15 130,846	128 042,340	8,462	8,001
28	13	98 381	60 526,808	1 995 696,979	32,972	32,511	78	63	54 510	14 086,059	112 911,493	8,016	7,555
29	14	98 313	59 444,736	1 935 170,171	32,554	32,093	79	64	51 283	13 024,211	98 825,435	7,588	7,127
30	15	98 238	58 377,598	1 875 725,435	32,131	31,670	80	65	47 910	11 958,326	85 801,224	7,175	6,714
31	16	98 163	57 329,636	1 817 347,837	31,700	31,239	81	66	44 443	10 902,296	73 842,898	6,773	6,312
32	17	98 077	56 294,743	1 760 018,201	31,264	30,803	82	67	40 853	9 849,203	62 940,602	6,390	5,929
33	18	97 990	55 276,987	1 703 723,458	30,822	30,360	83	68	37 228	8 820,946	53 091,400	6,019	5,558
34	19	97 892	54 272,409	1 648 446,471	30,374	29,912	84	69	33 626	7 830,390	44 270,454	5,654	5,192
35	20	97 795	53 285,661	1 594 174,062	29,918	29,456	85	70	30 002	6 866,348	36 440,064	5,307	4,846
36	21	97 691	52 313,595	1 540 888,401	29,455	28,994	86	71	26 432	5 945,354	29 573,717	4,974	4,513
37	22	97 584	51 357,814	1 488 574,806	28,984	28,523	87	72	22 937	5 070,451	23 628,363	4,660	4,199
38	23	97 470	50 415,303	1 437 216,992	28,508	28,046	88	73	19 548	4 246,887	18 557,911	4,370	3,909
39	24	97 340	49 482,434	1 386 801,688	28,026	27,565	89	74	16 378	3 497,019	14 311,024	4,092	3,631
40	25	97 209	48 565,737	1 337 319,254	27,536	27,075	90	75	13 385	2 808,742	10 814,005	3,850	3,389
41	26	97 063	47 658,737	1 288 753,517	27,041	26,580	91	76	10 792	2 225,800	8 005,264	3,597	3,135
42	27	96 907	46 763,836	1 241 094,780	26,540	26,078	92	77	8 424	1 707,536	5 779,464	3,385	2,923
43	28	96 733	45 876,926	1 194 330,943	26,033	25,572	93	78	6 419	1 278,635	4 071,928	3,185	2,723
44	29	96 536	44 996,106	1 148 454,017	25,523	25,062	94	79	4 755	930,916	2 793,294	3,001	2,539
45	30	96 316	44 121,577	1 103 457,912	25,009	24,548	95	80	3 420	658,142	1 862,377	2,830	2,369
46	31	96 076	43 254,436	1 059 336,335	24,491	24,030	96	81	2 383	450,641	1 204,235	2,672	2,211
47	32	95 809	42 392,544	1 016 081,899	23,968	23,507	97	82	1 605	298,319	753,594	2,526	2,065
48	33	95 499	41 528,439	973 689,355	23,446	22,985	98	83	1 042	190,318	455,275	2,392	1,931
49	34	95 158	40 668,413	932 160,916	22,921	22,460	99	84	651	116,845	264,957	2,268	1,806
							100	85	390	68,787	148,113	2,153	1,692

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16	0	99 417	75 319,968	2 816 809,937	37,398	36,937
17	1	99 078	73 771,999	2 741 489,969	37,162	36,700
18	2	99 018	72 459,499	2 667 717,970	36,817	36,355
19	3	98 956	71 168,378	2 595 258,471	36,466	36,005
20	4	98 896	69 902,359	2 524 090,093	36,109	35,648
21	5	98 831	68 654,972	2 454 187,734	35,747	35,285
22	6	98 768	67 430,894	2 385 532,762	35,377	34,916
23	7	98 707	66 230,165	2 318 101,868	35,001	34,539
24	8	98 647	65 051,459	2 251 871,703	34,617	34,156
25	9	98 584	63 892,158	2 186 820,244	34,227	33,766
26	10	98 523	62 754,448	2 122 928,086	33,829	33,368
27	11	98 459	61 634,924	2 060 173,638	33,425	32,964
28	12	98 389	60 531,681	1 998 538,714	33,016	32,555
29	13	98 322	59 450,061	1 938 007,033	32,599	32,138
30	14	98 248	58 383,926	1 878 556,972	32,176	31,715
31	15	98 175	57 336,848	1 820 173,045	31,745	31,284
32	16	98 093	56 303,407	1 762 836,197	31,310	30,848
33	17	98 005	55 285,859	1 706 532,790	30,867	30,406
34	18	97 915	54 284,808	1 651 246,932	30,418	29,957
35	19	97 815	53 296,669	1 596 962,124	29,964	29,502
36	20	97 712	52 325,211	1 543 665,454	29,501	29,040
37	21	97 605	51 368,565	1 491 340,244	29,032	28,571
38	22	97 492	50 426,616	1 439 971,679	28,556	28,095
39	23	97 363	49 493,748	1 389 545,063	28,075	27,614
40	24	97 229	48 575,556	1 340 051,316	27,587	27,126
41	25	97 084	47 669,223	1 291 475,759	27,092	26,631
42	26	96 930	46 774,907	1 243 806,536	26,591	26,130
43	27	96 759	45 889,254	1 197 031,629	26,085	25,624
44	28	96 560	45 007,487	1 151 142,375	25,577	25,115
45	29	96 344	44 134,240	1 106 134,889	25,063	24,602
46	30	96 103	43 266,682	1 062 000,649	24,545	24,084
47	31	95 838	42 405,352	1 018 733,967	24,024	23,563
48	32	95 533	41 543,165	976 328,615	23,502	23,040
49	33	95 192	40 683,289	934 785,451	22,977	22,516

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
50	34	94 817	39 825,714	894 102,162	22,450	21,989
51	35	94 397	38 967,598	854 276,448	21,923	21,462
52	36	93 913	38 101,047	815 308,850	21,399	20,937
53	37	93 399	37 240,586	777 207,803	20,870	20,409
54	38	92 834	36 378,637	739 967,217	20,341	19,880
55	39	92 207	35 511,765	703 588,580	19,813	19,352
56	40	91 523	34 641,921	668 076,815	19,285	18,824
57	41	90 792	33 774,075	633 434,894	18,755	18,294
58	42	89 989	32 899,760	599 660,819	18,227	17,766
59	43	89 118	32 021,037	566 761,059	17,700	17,238
60	44	88 177	31 138,068	534 740,021	17,173	16,712
61	45	87 163	30 250,493	503 601,953	16,648	16,187
62	46	86 080	29 360,959	473 351,460	16,122	15,661
63	47	84 929	28 469,864	443 990,501	15,595	15,134
64	48	83 718	27 581,272	415 520,637	15,065	14,604
65	49	82 392	26 677,543	387 939,365	14,542	14,081
66	50	80 984	25 770,753	361 261,823	14,018	13,557
67	51	79 469	24 853,703	335 491,069	13,499	13,037
68	52	77 857	23 930,803	310 637,367	12,981	12,519
69	53	76 157	23 005,527	286 706,564	12,463	12,001
70	54	74 337	22 069,791	263 701,037	11,949	11,487
71	55	72 413	21 128,722	241 631,246	11,436	10,975
72	56	70 358	20 175,949	220 502,524	10,929	10,468
73	57	68 192	19 218,638	200 326,575	10,424	9,962
74	58	65 892	18 251,058	181 107,937	9,923	9,462
75	59	63 380	17 253,207	162 856,879	9,439	8,978
76	60	60 719	16 244,589	145 603,672	8,963	8,502
77	61	57 878	15 218,301	129 359,083	8,500	8,039
78	62	54 856	14 175,473	114 140,782	8,052	7,591
79	63	51 631	13 112,562	99 965,309	7,624	7,162
80	64	48 264	12 046,863	86 852,748	7,210	6,748
81	65	44 793	10 988,111	74 805,885	6,808	6,347
82	66	41 205	9 934,182	63 817,773	6,424	5,963
83	67	37 571	8 902,244	53 883,591	6,053	5,592
84	68	33 956	7 907,173	44 981,347	5,689	5,227
85	69	30 324	6 940,062	37 074,174	5,342	4,881
86	70	26 743	6 015,158	30 134,112	5,010	4,548
87	71	23 236	5 136,596	24 118,954	4,696	4,234
88	72	19 835	4 309,275	18 982,358	4,405	3,944
89	73	16 649	3 554,825	14 673,082	4,128	3,666
90	74	13 639	2 861,996	11 118,258	3,885	3,424
91	75	11 029	2 274,608	8 256,261	3,630	3,169
92	76	8 636	1 750,408	5 981,653	3,417	2,956
93	77	6 602	1 315,094	4 231,245	3,217	2,756
94	78	4 912	961,758	2 916,151	3,032	2,571
95	79	3 549	682,937	1 954,393	2,862	2,401
96	80	2 487	470,283	1 271,456	2,704	2,242
97	81	1 685	313,226	801,173	2,558	2,097
98	82	1 103	201,425	487,948	2,422	1,961
99	83	694	124,663	286,523	2,298	1,837
100	84	420	74,150	161,860	2,183	1,722

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	33	94 851	39 840,281	896 492,019	22,502	22,041
1							51	34	94 437	38 984,158	856 651,738	21,974	21,513
2							52	35	93 951	38 116,208	817 667,580	21,452	20,991
3							53	36	93 443	37 258,292	779 551,373	20,923	20,462
4							54	37	92 883	36 398,062	742 293,081	20,394	19,933
5							55	38	92 259	35 531,546	705 895,019	19,867	19,406
6							56	39	91 583	34 664,853	670 363,473	19,338	18,877
7							57	40	90 856	33 797,944	635 698,620	18,809	18,348
8							58	41	90 061	32 926,150	601 900,675	18,280	17,819
9							59	42	89 198	32 049,564	568 974,525	17,753	17,292
10							60	43	88 268	31 169,985	536 924,961	17,226	16,765
11							61	44	87 261	30 284,507	505 754,976	16,700	16,239
12							62	45	86 190	29 398,272	475 470,469	16,173	15,712
13							63	46	85 048	28 510,038	446 072,197	15,646	15,185
14							64	47	83 855	27 626,445	417 562,159	15,115	14,653
15							65	48	82 538	26 724,803	389 935,715	14,591	14,130
16							66	49	81 151	25 823,890	363 210,911	14,065	13,604
17	0	99 391	74 005,315	2 744 408,434	37,084	36,623	67	50	79 644	24 908,576	337 387,022	13,545	13,084
18	1	99 044	72 478,630	2 670 403,119	36,844	36,383	68	51	78 048	23 989,500	312 478,445	13,026	12,564
19	2	98 970	71 178,979	2 597 924,488	36,498	36,037	69	52	76 366	23 068,860	288 488,945	12,506	12,044
20	3	98 907	69 910,171	2 526 745,509	36,143	35,682	70	53	74 562	22 136,345	265 420,085	11,990	11,529
21	4	98 843	68 663,155	2 456 835,338	35,781	35,320	71	54	72 645	21 196,365	243 283,741	11,478	11,016
22	5	98 778	67 437,710	2 388 172,183	35,413	34,952	72	55	70 608	20 247,690	222 087,376	10,969	10,507
23	6	98 715	66 235,934	2 320 734,473	35,037	34,576	73	56	68 450	19 291,409	201 839,686	10,463	10,001
24	7	98 655	65 057,043	2 254 498,539	34,654	34,193	74	57	66 157	18 324,292	182 548,277	9,962	9,501
25	8	98 592	63 896,864	2 189 441,497	34,265	33,804	75	58	63 661	17 329,671	164 223,985	9,476	9,015
26	9	98 530	62 758,778	2 125 544,633	33,868	33,407	76	59	61 007	16 321,660	146 894,314	9,000	8,539
27	10	98 466	61 639,298	2 062 785,855	33,465	33,004	77	60	58 192	15 300,763	130 572,654	8,534	8,073
28	11	98 397	60 536,522	2 001 146,557	33,057	32,596	78	61	55 173	14 257,406	115 271,892	8,085	7,624
29	12	98 330	59 454,847	1 940 610,035	32,640	32,179	79	62	51 958	13 195,796	101 014,486	7,655	7,194
30	13	98 257	58 389,157	1 881 155,188	32,218	31,756	80	63	48 592	12 128,584	87 818,690	7,241	6,779
31	14	98 186	57 343,063	1 822 766,031	31,787	31,326	81	64	45 125	11 069,465	75 690,106	6,838	6,377
32	15	98 105	56 310,490	1 765 422,968	31,352	30,890	82	65	41 530	10 012,378	64 620,641	6,454	5,993
33	16	98 020	55 294,367	1 709 112,478	30,909	30,448	83	66	37 895	8 979,053	54 608,263	6,082	5,621
34	17	97 931	54 293,521	1 653 818,111	30,461	29,999	84	67	34 269	7 980,050	45 629,210	5,718	5,257
35	18	97 837	53 308,846	1 599 524,590	30,005	29,544	85	68	30 622	7 008,115	37 649,161	5,372	4,911
36	19	97 733	52 336,020	1 546 215,744	29,544	29,083	86	69	27 030	6 079,734	30 641,046	5,040	4,579
37	20	97 626	51 379,971	1 493 879,724	29,075	28,614	87	70	23 509	5 196,905	24 561,312	4,726	4,265
38	21	97 512	50 437,172	1 442 499,754	28,600	28,139	88	71	20 094	4 365,491	19 364,407	4,436	3,975
39	22	97 385	49 504,853	1 392 062,582	28,120	27,659	89	72	16 893	3 607,047	14 998,916	4,158	3,697
40	23	97 251	48 586,662	1 342 557,729	27,632	27,171	90	73	13 864	2 909,305	11 391,869	3,916	3,454
41	24	97 104	47 678,861	1 293 971,067	27,139	26,678	91	74	11 238	2 317,735	8 482,564	3,660	3,199
42	25	96 951	46 785,198	1 246 292,206	26,639	26,177	92	75	8 825	1 788,792	6 164,829	3,446	2,985
43	26	96 782	45 900,117	1 199 507,007	26,133	25,672	93	76	6 767	1 348,113	4 376,037	3,246	2,785
44	27	96 586	45 019,581	1 153 606,890	25,625	25,163	94	77	5 053	989,182	3 027,924	3,061	2,600
45	28	96 368	44 145,403	1 108 587,309	25,112	24,651	95	78	3 667	705,563	2 038,742	2,890	2,428
46	29	96 131	43 279,100	1 064 441,906	24,595	24,134	96	79	2 581	488,000	1 333,179	2,732	2,271
47	30	95 865	42 417,357	1 021 162,807	24,074	23,613	97	80	1 759	326,878	845,179	2,586	2,124
48	31	95 561	41 555,716	978 745,450	23,553	23,091	98	81	1 158	211,490	518,301	2,451	1,990
49	32	95 226	40 697,715	937 189,734	23,028	22,567	99	82	735	131,938	306,811	2,325	1,864
							100	83	448	79,111	174,873	2,210	1,749

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	32	94 885	39 854,408	898 681,578	22,549	22,088
1							51	33	94 472	38 998,417	858 827,170	22,022	21,561
2							52	34	93 990	38 132,405	819 828,753	21,500	21,038
3							53	35	93 480	37 273,118	781 696,348	20,972	20,511
4							54	36	92 927	36 415,367	744 423,230	20,443	19,981
5							55	37	92 308	35 550,519	708 007,863	19,916	19,454
6							56	38	91 634	34 684,162	672 457,344	19,388	18,927
7							57	39	90 916	33 820,318	637 773,182	18,858	18,396
8							58	40	90 125	32 949,420	603 952,864	18,330	17,868
9							59	41	89 269	32 075,272	571 003,444	17,802	17,341
10							60	42	88 346	31 197,753	538 928,172	17,275	16,813
11							61	43	87 350	30 315,548	507 730,418	16,748	16,287
12							62	44	86 287	29 431,328	477 414,870	16,221	15,760
13							63	45	85 156	28 546,270	447 983,542	15,693	15,232
14							64	46	83 973	27 665,428	419 437,272	15,161	14,700
15							65	47	82 673	26 768,573	391 771,844	14,636	14,174
16							66	48	81 295	25 869,638	365 003,271	14,109	13,648
17							67	49	79 809	24 959,935	339 133,632	13,587	13,126
18	0	99 358	72 707,856	2 673 097,599	36,765	36,304	68	50	78 220	24 042,465	314 173,697	13,067	12,606
19	1	98 997	71 197,773	2 600 389,743	36,523	36,062	69	51	76 553	23 125,443	290 131,232	12,546	12,085
20	2	98 922	69 920,585	2 529 191,970	36,172	35,711	70	52	74 767	22 197,284	267 005,789	12,029	11,568
21	3	98 854	68 670,828	2 459 271,386	35,812	35,351	71	53	72 864	21 260,285	244 808,504	11,515	11,054
22	4	98 790	67 445,748	2 390 600,558	35,445	34,984	72	54	70 834	20 312,512	223 548,220	11,005	10,544
23	5	98 725	66 242,629	2 323 154,810	35,070	34,609	73	55	68 694	19 360,005	203 235,708	10,498	10,037
24	6	98 664	65 062,709	2 256 912,180	34,688	34,227	74	56	66 407	18 393,677	183 875,703	9,997	9,535
25	7	98 600	63 902,348	2 191 849,471	34,300	33,839	75	57	63 916	17 399,208	165 482,026	9,511	9,050
26	8	98 537	62 763,400	2 127 947,123	33,904	33,443	76	58	61 277	16 393,995	148 082,818	9,033	8,572
27	9	98 473	61 643,551	2 065 183,723	33,502	33,041	77	59	58 468	15 373,356	131 688,823	8,566	8,105
28	10	98 404	60 540,819	2 003 540,172	33,094	32,633	78	60	55 472	14 334,660	116 315,467	8,114	7,653
29	11	98 338	59 459,602	1 942 999,354	32,678	32,216	79	61	52 259	13 272,067	101 980,807	7,684	7,223
30	12	98 265	58 393,857	1 883 539,752	32,256	31,795	80	62	48 900	12 205,572	88 708,740	7,268	6,807
31	13	98 194	57 348,200	1 825 145,895	31,826	31,364	81	63	45 431	11 144,556	76 503,168	6,865	6,403
32	14	98 116	56 316,594	1 767 797,694	31,390	30,929	82	64	41 837	10 086,508	65 358,612	6,480	6,019
33	15	98 033	55 301,323	1 711 481,100	30,948	30,487	83	65	38 194	9 049,730	55 272,105	6,108	5,646
34	16	97 946	54 301,876	1 656 179,777	30,499	30,038	84	66	34 564	8 048,902	46 222,375	5,743	5,281
35	17	97 853	53 317,402	1 601 877,900	30,044	29,583	85	67	30 904	7 072,705	38 173,473	5,397	4,936
36	18	97 755	52 347,977	1 548 560,499	29,582	29,121	86	68	27 295	6 139,351	31 100,768	5,066	4,605
37	19	97 647	51 390,585	1 496 212,522	29,115	28,653	87	69	23 762	5 252,697	24 961,417	4,752	4,291
38	20	97 534	50 448,371	1 444 821,937	28,640	28,178	88	70	20 330	4 416,746	19 708,720	4,462	4,001
39	21	97 405	49 515,216	1 394 373,566	28,161	27,699	89	71	17 114	3 654,101	15 291,974	4,185	3,724
40	22	97 273	48 597,564	1 344 858,350	27,673	27,212	90	72	14 068	2 952,044	11 637,873	3,942	3,481
41	23	97 126	47 689,762	1 296 260,786	27,181	26,720	91	73	11 424	2 356,048	8 685,829	3,687	3,225
42	24	96 971	46 794,657	1 248 571,024	26,682	26,221	92	74	8 993	1 822,708	6 329,781	3,473	3,012
43	25	96 803	45 910,216	1 201 776,367	26,177	25,715	93	75	6 916	1 377,675	4 507,074	3,272	2,810
44	26	96 609	45 030,238	1 155 866,151	25,669	25,207	94	76	5 179	1 014,018	3 129,398	3,086	2,625
45	27	96 394	44 157,266	1 110 835,912	25,156	24,695	95	77	3 772	725,682	2 115,380	2,915	2,454
46	28	96 155	43 290,046	1 066 678,646	24,640	24,179	96	78	2 666	504,168	1 389,699	2,756	2,295
47	29	95 893	42 429,531	1 023 388,600	24,120	23,659	97	79	1 825	339,193	885,531	2,611	2,149
48	30	95 589	41 567,481	980 959,069	23,599	23,138	98	80	1 208	220,708	546,338	2,475	2,014
49	31	95 255	40 710,010	939 391,589	23,075	22,614	99	81	772	138,531	325,630	2,351	1,889
							100	82	475	83,728	187,099	2,235	1,773

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	31	94 914	39 866,449	900 686,870	22,593	22,131
1							51	32	94 505	39 012,246	860 820,420	22,065	21,604
2							52	33	94 025	38 146,353	821 808,175	21,544	21,082
3							53	34	93 520	37 288,957	783 661,822	21,016	20,555
4							54	35	92 964	36 429,857	746 372,865	20,488	20,027
5							55	36	92 352	35 567,421	709 943,007	19,960	19,499
6							56	37	91 683	34 702,683	674 375,587	19,433	18,972
7							57	38	90 966	33 839,157	639 672,904	18,903	18,442
8							58	39	90 184	32 971,232	605 833,747	18,375	17,913
9							59	40	89 332	32 097,941	572 862,515	17,847	17,386
10							60	41	88 417	31 222,778	540 764,574	17,320	16,858
11							61	42	87 428	30 342,556	509 541,796	16,793	16,332
12							62	43	86 375	29 461,495	479 199,240	16,265	15,804
13							63	44	85 252	28 578,368	449 737,745	15,737	15,276
14							64	45	84 080	27 700,587	421 159,378	15,204	14,743
15							65	46	82 789	26 806,346	393 458,791	14,678	14,217
16							66	47	81 428	25 912,007	366 652,445	14,150	13,689
17							67	48	79 950	25 004,153	340 740,437	13,627	13,166
18							68	49	78 382	24 092,038	315 736,284	13,105	12,644
19	0	99 310	71 422,947	2 602 878,757	36,443	35,982	69	50	76 722	23 176,501	291 644,246	12,584	12,122
20	1	98 948	69 939,046	2 531 455,810	36,195	35,734	70	51	74 950	22 251,730	268 467,745	12,065	11,604
21	2	98 869	68 681,057	2 461 516,763	35,840	35,379	71	52	73 065	21 318,813	246 216,015	11,549	11,088
22	3	98 801	67 453,285	2 392 835,706	35,474	35,013	72	53	71 048	20 373,766	224 897,203	11,039	10,577
23	4	98 737	66 250,525	2 325 382,421	35,100	34,639	73	54	68 914	19 421,985	204 523,436	10,531	10,069
24	5	98 674	65 069,286	2 259 131,896	34,719	34,258	74	55	66 643	18 459,081	185 101,452	10,028	9,566
25	6	98 609	63 907,914	2 194 062,610	34,332	33,870	75	56	64 158	17 465,090	166 642,371	9,541	9,080
26	7	98 546	62 768,787	2 130 154,696	33,937	33,475	76	57	61 523	16 459,778	149 177,281	9,063	8,602
27	8	98 480	61 648,091	2 067 385,909	33,535	33,074	77	58	58 727	15 441,488	132 717,503	8,595	8,134
28	9	98 411	60 544,995	2 005 737,818	33,128	32,667	78	59	55 735	14 402,670	117 276,015	8,143	7,681
29	10	98 345	59 463,822	1 945 192,823	32,712	32,251	79	60	52 542	13 343,982	102 873,345	7,709	7,248
30	11	98 273	58 398,527	1 885 729,001	32,291	31,829	80	61	49 183	12 276,119	89 529,363	7,293	6,832
31	12	98 202	57 352,817	1 827 330,474	31,861	31,400	81	62	45 719	11 215,298	77 253,243	6,888	6,427
32	13	98 124	56 321,639	1 769 977,656	31,426	30,965	82	63	42 121	10 154,930	66 037,945	6,503	6,042
33	14	98 043	55 307,318	1 713 656,017	30,984	30,523	83	64	38 477	9 116,733	55 883,015	6,130	5,669
34	15	97 958	54 308,708	1 658 348,699	30,536	30,074	84	65	34 836	8 112,258	46 766,283	5,765	5,304
35	16	97 868	53 325,607	1 604 039,992	30,080	29,619	85	66	31 170	7 133,729	38 654,025	5,418	4,957
36	17	97 771	52 356,379	1 550 714,385	29,618	29,157	86	67	27 547	6 195,934	31 520,296	5,087	4,626
37	18	97 669	51 402,326	1 498 358,006	29,150	28,688	87	68	23 995	5 304,204	25 324,362	4,774	4,313
38	19	97 554	50 458,792	1 446 955,680	28,676	28,215	88	69	20 548	4 464,162	20 020,158	4,485	4,023
39	20	97 427	49 526,210	1 396 496,888	28,197	27,736	89	70	17 315	3 697,004	15 555,996	4,208	3,747
40	21	97 293	48 607,737	1 346 970,677	27,711	27,250	90	71	14 251	2 990,554	11 858,992	3,965	3,504
41	22	97 148	47 700,463	1 298 362,940	27,219	26,758	91	72	11 592	2 390,659	8 868,438	3,710	3,248
42	23	96 993	46 805,356	1 250 662,477	26,720	26,259	92	73	9 141	1 852,837	6 477,779	3,496	3,035
43	24	96 823	45 919,498	1 203 857,121	26,217	25,755	93	74	7 047	1 403,796	4 624,942	3,295	2,833
44	25	96 630	45 040,146	1 157 937,623	25,709	25,248	94	75	5 293	1 036,254	3 221,146	3,108	2,647
45	26	96 417	44 167,719	1 112 897,477	25,197	24,736	95	76	3 866	743,902	2 184,892	2,937	2,476
46	27	96 181	43 301,679	1 068 729,758	24,681	24,220	96	77	2 742	518,544	1 440,990	2,779	2,318
47	28	95 917	42 440,263	1 025 428,079	24,162	23,700	97	78	1 886	350,430	922,446	2,632	2,171
48	29	95 616	41 579,410	982 987,816	23,641	23,180	98	79	1 254	229,023	572,016	2,498	2,036
49	30	95 282	40 721,536	941 408,405	23,118	22,657	99	80	805	144,569	342,993	2,373	1,911
							100	81	498	87,912	198,424	2,257	1,796

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	30	94 940	39 877,736	902 523,601	22,632	22,171
1							51	31	94 534	39 024,032	862 645,865	22,106	21,644
2							52	32	94 058	38 159,880	823 621,833	21,583	21,122
3							53	33	93 554	37 302,596	785 461,953	21,056	20,595
4							54	34	93 004	36 445,338	748 159,357	20,528	20,067
5							55	35	92 389	35 581,573	711 714,019	20,002	19,541
6							56	36	91 727	34 719,182	676 132,445	19,474	19,013
7							57	37	91 015	33 857,226	641 413,264	18,945	18,483
8							58	38	90 235	32 989,598	607 556,037	18,417	17,955
9							59	39	89 391	32 119,189	574 566,440	17,889	17,427
10							60	40	88 480	31 244,844	542 447,251	17,361	16,900
11							61	41	87 498	30 366,895	511 202,406	16,834	16,373
12							62	42	86 452	29 487,742	480 835,512	16,306	15,845
13							63	43	85 340	28 607,660	451 347,770	15,777	15,316
14							64	44	84 174	27 731,734	422 740,110	15,244	14,783
15							65	45	82 895	26 840,413	395 008,376	14,717	14,256
16							66	46	81 543	25 948,572	368 167,963	14,188	13,727
17							67	47	80 081	25 045,105	342 219,391	13,664	13,203
18							68	48	78 520	24 134,719	317 174,286	13,142	12,681
19							69	49	76 881	23 224,288	293 039,567	12,618	12,157
20	0	99 261	70 160,240	2 533 756,201	36,114	35,653	70	50	75 116	22 300,858	269 815,279	12,099	11,638
21	1	98 895	68 699,191	2 463 595,961	35,861	35,399	71	51	73 244	21 371,103	247 514,421	11,582	11,121
22	2	98 815	67 463,333	2 394 896,770	35,499	35,038	72	52	71 243	20 429,854	226 143,318	11,069	10,608
23	3	98 748	66 257,928	2 327 433,437	35,127	34,666	73	53	69 122	19 480,554	205 713,464	10,560	10,099
24	4	98 686	65 077,042	2 261 175,509	34,746	34,285	74	54	66 857	18 518,176	186 232,910	10,057	9,596
25	5	98 619	63 914,374	2 196 098,467	34,360	33,899	75	55	64 386	17 527,191	167 714,734	9,569	9,108
26	6	98 554	62 774,254	2 132 184,093	33,966	33,505	76	56	61 756	16 522,103	150 187,542	9,090	8,629
27	7	98 489	61 653,382	2 069 409,839	33,565	33,104	77	57	58 963	15 503,449	133 665,439	8,622	8,160
28	8	98 418	60 549,455	2 007 756,456	33,159	32,698	78	58	55 982	14 466,501	118 161,990	8,168	7,707
29	9	98 351	59 467,924	1 947 207,002	32,744	32,283	79	59	52 791	13 407,292	103 695,490	7,734	7,273
30	10	98 280	58 402,672	1 887 739,078	32,323	31,862	80	60	49 449	12 342,638	90 288,198	7,315	6,854
31	11	98 210	57 357,404	1 829 336,405	31,894	31,432	81	61	45 983	11 280,122	77 945,560	6,910	6,449
32	12	98 132	56 326,174	1 771 979,001	31,459	30,998	82	62	42 388	10 219,390	66 665,439	6,523	6,062
33	13	98 052	55 312,273	1 715 652,828	31,018	30,556	83	63	38 738	9 178,577	56 446,048	6,150	5,689
34	14	97 969	54 314,595	1 660 340,555	30,569	30,108	84	64	35 094	8 172,319	47 267,471	5,784	5,323
35	15	97 880	53 332,316	1 606 025,960	30,114	29,652	85	65	31 416	7 189,881	39 095,152	5,438	4,976
36	16	97 786	52 364,436	1 552 693,645	29,652	29,190	86	66	27 784	6 249,393	31 905,271	5,105	4,644
37	17	97 685	51 410,576	1 500 329,209	29,183	28,722	87	67	24 216	5 353,090	25 655,878	4,793	4,332
38	18	97 576	50 470,320	1 448 918,633	28,708	28,247	88	68	20 749	4 507,937	20 302,788	4,504	4,043
39	19	97 447	49 536,442	1 398 448,312	28,231	27,769	89	69	17 501	3 736,693	15 794,851	4,227	3,766
40	20	97 315	48 618,530	1 348 911,871	27,745	27,284	90	70	14 418	3 025,666	12 058,158	3,985	3,524
41	21	97 168	47 710,448	1 300 293,341	27,254	26,793	91	71	11 743	2 421,845	9 032,492	3,730	3,268
42	22	97 015	46 815,858	1 252 582,893	26,756	26,294	92	72	9 275	1 880,056	6 610,647	3,516	3,055
43	23	96 845	45 929,997	1 205 767,034	26,252	25,791	93	73	7 163	1 427,001	4 730,590	3,315	2,854
44	24	96 650	45 049,252	1 159 837,037	25,746	25,285	94	74	5 393	1 055,902	3 303,589	3,129	2,667
45	25	96 438	44 177,437	1 114 787,785	25,234	24,773	95	75	3 951	760,215	2 247,688	2,957	2,495
46	26	96 203	43 311,930	1 070 610,348	24,719	24,257	96	76	2 811	531,563	1 487,473	2,798	2,337
47	27	95 943	42 451,668	1 027 298,418	24,199	23,738	97	77	1 939	360,423	955,910	2,652	2,191
48	28	95 640	41 589,927	984 846,751	23,680	23,219	98	78	1 295	236,611	595,488	2,517	2,056
49	29	95 309	40 733,223	943 256,824	23,157	22,696	99	79	836	150,015	358,877	2,392	1,931
							100	80	520	91,743	208,862	2,277	1,815

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das _kürzere Leben_ nach der Sterbetafel 2009/2011

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

Zinsfuß   1,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	29	94 968	39 889,181	904 206,861	22,668	22,207
1							51	30	94 561	39 035,080	864 317,680	22,142	21,681
2							52	31	94 087	38 171,408	825 282,600	21,620	21,159
3							53	32	93 587	37 315,824	787 111,191	21,093	20,632
4							54	33	93 038	36 458,669	749 795,368	20,566	20,104
5							55	34	92 428	35 596,694	713 336,699	20,039	19,578
6							56	35	91 763	34 732,997	677 740,005	19,513	19,052
7							57	36	91 058	33 873,323	643 007,008	18,983	18,521
8							58	37	90 283	33 007,213	609 133,685	18,455	17,993
9							59	38	89 441	32 137,080	576 126,471	17,927	17,466
10							60	39	88 538	31 265,528	543 989,391	17,399	16,938
11							61	40	87 560	30 388,356	512 723,863	16,872	16,411
12							62	41	86 521	29 511,395	482 335,508	16,344	15,883
13							63	42	85 416	28 633,146	452 824,113	15,815	15,353
14							64	43	84 261	27 760,158	424 190,966	15,281	14,819
15							65	44	82 988	26 870,593	396 430,808	14,753	14,292
16							66	45	81 646	25 981,548	369 560,215	14,224	13,763
17							67	46	80 194	25 080,446	343 578,667	13,699	13,238
18							68	47	78 649	24 174,247	318 498,221	13,175	12,714
19							69	48	77 017	23 265,431	294 323,974	12,651	12,189
20							70	49	75 271	22 346,840	271 058,542	12,130	11,668
21	0	99 208	68 916,463	2 465 723,013	35,778	35,317	71	50	73 405	21 418,288	248 711,702	11,612	11,151
22	1	98 842	67 481,146	2 396 806,550	35,518	35,057	72	51	71 418	20 479,964	227 293,414	11,098	10,637
23	2	98 763	66 267,798	2 329 325,404	35,150	34,689	73	52	69 312	19 534,182	206 813,450	10,587	10,126
24	3	98 697	65 084,314	2 263 057,606	34,771	34,310	74	53	67 058	18 574,020	187 279,268	10,083	9,622
25	4	98 630	63 921,992	2 197 973,292	34,385	33,924	75	54	64 592	17 583,304	168 705,248	9,595	9,133
26	5	98 564	62 780,600	2 134 051,300	33,992	33,531	76	55	61 976	16 580,851	151 121,944	9,114	8,653
27	6	98 497	61 658,752	2 071 270,700	33,592	33,131	77	56	59 186	15 562,153	134 541,093	8,645	8,184
28	7	98 426	60 554,652	2 009 611,948	33,187	32,726	78	57	56 207	14 524,549	118 978,940	8,192	7,730
29	8	98 359	59 472,304	1 949 057,296	32,773	32,311	79	58	53 025	13 466,711	104 454,391	7,756	7,295
30	9	98 287	58 406,701	1 889 584,992	32,352	31,891	80	59	49 684	12 401,197	90 987,680	7,337	6,876
31	10	98 217	57 361,475	1 831 178,291	31,923	31,462	81	60	46 233	11 341,244	78 586,484	6,929	6,468
32	11	98 140	56 330,678	1 773 816,816	31,489	31,028	82	61	42 633	10 278,458	67 245,240	6,542	6,081
33	12	98 060	55 316,725	1 717 486,138	31,048	30,587	83	62	38 983	9 236,840	56 966,782	6,167	5,706
34	13	97 977	54 319,461	1 662 169,412	30,600	30,139	84	63	35 332	8 227,757	47 729,943	5,801	5,340
35	14	97 891	53 338,097	1 607 849,952	30,144	29,683	85	64	31 648	7 243,113	39 502,186	5,454	4,993
36	15	97 798	52 371,024	1 554 511,855	29,683	29,221	86	65	28 003	6 298,584	32 259,073	5,122	4,660
37	16	97 700	51 418,488	1 502 140,831	29,214	28,753	87	66	24 425	5 399,277	25 960,488	4,808	4,347
38	17	97 592	50 478,421	1 450 722,343	28,739	28,278	88	67	20 941	4 549,484	20 561,212	4,519	4,058
39	18	97 469	49 547,759	1 400 243,922	28,260	27,799	89	68	17 672	3 773,335	16 011,727	4,243	3,782
40	19	97 335	48 628,574	1 350 696,164	27,776	27,315	90	69	14 573	3 058,148	12 238,393	4,002	3,541
41	20	97 190	47 721,042	1 302 067,590	27,285	26,824	91	70	11 881	2 450,280	9 180,245	3,747	3,285
42	21	97 035	46 825,658	1 254 346,548	26,788	26,326	92	71	9 396	1 904,582	6 729,964	3,534	3,072
43	22	96 867	45 940,303	1 207 520,890	26,285	25,823	93	72	7 269	1 447,964	4 825,383	3,333	2,871
44	23	96 672	45 059,552	1 161 580,587	25,779	25,318	94	73	5 483	1 073,356	3 377,418	3,147	2,685
45	24	96 458	44 186,369	1 116 521,035	25,268	24,807	95	74	4 026	774,628	2 304,062	2,974	2,513
46	25	96 225	43 321,460	1 072 334,666	24,753	24,292	96	75	2 873	543,219	1 529,434	2,815	2,354
47	26	95 966	42 461,717	1 029 013,207	24,234	23,773	97	76	1 988	369,472	986,215	2,669	2,208
48	27	95 666	41 601,103	986 551,490	23,715	23,253	98	77	1 332	243,357	616,743	2,534	2,073
49	28	95 333	40 743,526	944 950,386	23,193	22,731	99	78	863	154,986	373,385	2,409	1,948
							100	79	540	95,200	218,400	2,294	1,833

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
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20						
21						
22	0	99 154	67 694,566	2 398 774,157	35,435	34,974
23	1	98 789	66 285,295	2 331 079,592	35,167	34,706
24	2	98 711	65 094,009	2 264 794,297	34,793	34,331
25	3	98 641	63 929,135	2 199 700,288	34,408	33,947
26	4	98 576	62 788,083	2 135 771,152	34,016	33,554
27	5	98 507	61 664,985	2 072 983,069	33,617	33,156
28	6	98 435	60 559,926	2 011 318,085	33,212	32,751
29	7	98 367	59 477,409	1 950 758,159	32,798	32,337
30	8	98 294	58 411,003	1 891 280,750	32,379	31,918
31	9	98 224	57 365,432	1 832 869,747	31,951	31,490
32	10	98 147	56 334,676	1 775 504,315	31,517	31,056
33	11	98 068	55 321,149	1 719 169,638	31,076	30,615
34	12	97 985	54 323,834	1 663 848,489	30,628	30,167
35	13	97 900	53 342,875	1 609 524,655	30,173	29,712
36	14	97 809	52 376,701	1 556 181,780	29,711	29,250
37	15	97 712	51 424,956	1 503 805,079	29,243	28,782
38	16	97 607	50 486,189	1 452 380,123	28,768	28,307
39	17	97 485	49 555,711	1 401 893,934	28,289	27,828
40	18	97 357	48 639,684	1 352 338,223	27,803	27,342
41	19	97 210	47 730,900	1 303 698,539	27,314	26,852
42	20	97 057	46 836,056	1 255 967,639	26,816	26,355
43	21	96 887	45 949,920	1 209 131,583	26,314	25,853
44	22	96 694	45 069,663	1 163 181,664	25,809	25,347
45	23	96 480	44 196,471	1 118 112,001	25,299	24,837
46	24	96 244	43 330,218	1 073 915,530	24,784	24,323
47	25	95 987	42 471,060	1 030 585,312	24,266	23,804
48	26	95 688	41 610,951	988 114,252	23,746	23,285
49	27	95 359	40 754,474	946 503,301	23,225	22,763
50	28	94 992	39 899,270	905 748,827	22,701	22,240
51	29	94 588	39 046,283	865 849,556	22,175	21,714
52	30	94 113	38 182,215	826 803,273	21,654	21,193
53	31	93 616	37 327,097	788 621,058	21,127	20,666
54	32	93 071	36 471,597	751 293,961	20,599	20,138
55	33	92 462	35 609,714	714 822,363	20,074	19,613
56	34	91 802	34 747,757	679 212,649	19,547	19,086
57	35	91 095	33 886,802	644 464,892	19,018	18,557
58	36	90 326	33 022,906	610 578,091	18,490	18,028
59	37	89 489	32 154,240	577 555,184	17,962	17,501
60	38	88 588	31 282,943	545 400,944	17,434	16,973
61	39	87 618	30 408,472	514 118,000	16,907	16,446
62	40	86 583	29 532,251	483 709,528	16,379	15,918
63	41	85 484	28 656,114	454 177,277	15,849	15,388
64	42	84 336	27 784,889	425 521,163	15,315	14,854
65	43	83 073	26 898,135	397 736,273	14,787	14,326
66	44	81 738	26 010,763	370 838,138	14,257	13,796
67	45	80 296	25 112,319	344 827,376	13,731	13,270
68	46	78 760	24 208,359	319 715,056	13,207	12,746
69	47	77 143	23 303,536	295 506,697	12,681	12,220
70	48	75 404	22 386,429	272 203,162	12,159	11,698
71	49	73 557	21 462,450	249 816,733	11,640	11,179
72	50	71 576	20 525,181	228 354,283	11,126	10,664
73	51	69 482	19 582,096	207 829,102	10,613	10,152
74	52	67 243	18 625,153	188 247,006	10,107	9,646
75	53	64 787	17 636,328	169 621,853	9,618	9,157
76	54	62 174	16 633,934	151 985,525	9,137	8,676
77	55	59 397	15 617,488	135 351,591	8,667	8,205
78	56	56 419	14 579,546	119 734,103	8,212	7,751
79	57	53 238	13 520,748	105 154,557	7,777	7,316
80	58	49 904	12 456,157	91 633,810	7,357	6,895
81	59	46 452	11 395,051	79 177,653	6,948	6,487
82	60	42 864	10 334,152	67 782,601	6,559	6,098
83	61	39 209	9 290,228	57 448,449	6,184	5,723
84	62	35 557	8 279,984	48 158,221	5,816	5,355
85	63	31 863	7 292,248	39 878,237	5,469	5,007
86	64	28 210	6 345,218	32 585,990	5,136	4,674
87	65	24 617	5 441,776	26 240,772	4,822	4,361
88	66	21 121	4 588,737	20 798,996	4,533	4,071
89	67	17 835	3 808,112	16 210,258	4,257	3,796
90	68	14 716	3 088,136	12 402,147	4,016	3,555
91	69	12 008	2 476,585	9 314,011	3,761	3,300
92	70	9 507	1 926,943	6 837,426	3,548	3,087
93	71	7 364	1 466,853	4 910,482	3,348	2,886
94	72	5 563	1 089,124	3 443,629	3,162	2,701
95	73	4 092	787,433	2 354,505	2,990	2,529
96	74	2 927	553,519	1 567,072	2,831	2,370
97	75	2 032	377,574	1 013,553	2,684	2,223
98	76	1 366	249,468	635,979	2,549	2,088
99	77	888	159,405	386,511	2,425	1,964
100	78	557	98,354	227,107	2,309	1,848

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	27	95 017	39 909,992	907 162,441	22,730	22,269
1							51	28	94 612	39 056,159	867 252,449	22,205	21,744
2							52	29	94 140	38 193,174	828 196,289	21,684	21,223
3							53	30	93 642	37 337,665	790 003,116	21,158	20,697
4							54	31	93 099	36 482,616	752 665,451	20,631	20,170
5							55	32	92 494	35 622,341	716 182,835	20,105	19,644
6							56	33	91 836	34 760,467	680 560,494	19,579	19,117
7							57	34	91 133	33 901,202	645 800,027	19,049	18,588
8							58	35	90 362	33 036,046	611 898,825	18,522	18,061
9							59	36	89 531	32 169,528	578 862,778	17,994	17,533
10							60	37	88 635	31 299,648	546 693,250	17,466	17,005
11							61	38	87 667	30 425,411	515 393,603	16,940	16,478
12							62	39	86 640	29 551,801	484 968,192	16,411	15,950
13							63	40	85 545	28 676,366	455 416,391	15,881	15,420
14							64	41	84 403	27 807,177	426 740,025	15,346	14,885
15							65	42	83 147	26 922,098	398 932,848	14,818	14,357
16							66	43	81 822	26 037,423	372 010,750	14,288	13,826
17							67	44	80 386	25 140,556	345 973,327	13,762	13,300
18							68	45	78 860	24 239,124	320 832,771	13,236	12,775
19							69	46	77 252	23 336,419	296 593,647	12,709	12,248
20							70	47	75 527	22 423,094	273 257,228	12,186	11,725
21							71	48	73 687	21 500,472	250 834,134	11,666	11,205
22							72	49	71 723	20 567,502	229 333,662	11,150	10,689
23	0	99 101	66 494,933	2 332 900,394	35,084	34,623	73	50	69 635	19 625,330	208 766,160	10,638	10,176
24	1	98 737	65 111,196	2 266 405,462	34,808	34,347	74	51	67 408	18 670,837	189 140,830	10,130	9,669
25	2	98 656	63 938,658	2 201 294,266	34,428	33,967	75	52	64 966	17 684,880	170 469,993	9,639	9,178
26	3	98 587	62 795,099	2 137 355,607	34,037	33,576	76	53	62 362	16 684,095	152 785,114	9,158	8,696
27	4	98 519	61 672,335	2 074 560,508	33,638	33,177	77	54	59 587	15 667,486	136 101,018	8,687	8,226
28	5	98 445	60 566,048	2 012 888,173	33,235	32,773	78	55	56 620	14 631,387	120 433,532	8,231	7,770
29	6	98 376	59 482,589	1 952 322,126	32,822	32,361	79	56	53 439	13 571,944	105 802,145	7,796	7,334
30	7	98 302	58 416,017	1 892 839,536	32,403	31,942	80	57	50 104	12 506,139	92 230,201	7,375	6,914
31	8	98 231	57 369,657	1 834 423,520	31,976	31,514	81	58	46 658	11 445,553	79 724,062	6,966	6,504
32	9	98 154	56 338,563	1 777 053,862	31,542	31,081	82	59	43 068	10 383,182	68 278,510	6,576	6,115
33	10	98 075	55 325,076	1 720 715,300	31,102	30,641	83	60	39 421	9 340,567	57 895,328	6,198	5,737
34	11	97 993	54 328,178	1 665 390,224	30,654	30,193	84	61	35 762	8 327,842	48 554,761	5,830	5,369
35	12	97 908	53 347,170	1 611 062,046	30,200	29,738	85	62	32 065	7 338,536	40 226,919	5,482	5,020
36	13	97 817	52 381,393	1 557 714,876	29,738	29,277	86	63	28 402	6 388,261	32 888,382	5,148	4,687
37	14	97 722	51 430,531	1 505 333,483	29,269	28,808	87	64	24 799	5 482,066	26 500,121	4,834	4,373
38	15	97 619	50 492,541	1 453 902,953	28,794	28,333	88	65	21 288	4 624,857	21 018,055	4,545	4,083
39	16	97 500	49 563,338	1 403 410,412	28,315	27,854	89	66	17 989	3 840,968	16 393,198	4,268	3,807
40	17	97 373	48 647,490	1 353 847,074	27,830	27,369	90	67	14 852	3 116,598	12 552,230	4,028	3,566
41	18	97 232	47 741,805	1 305 199,584	27,339	26,878	91	68	12 126	2 500,870	9 435,632	3,773	3,312
42	19	97 077	46 845,731	1 257 457,779	26,843	26,381	92	69	9 609	1 947,630	6 934,762	3,561	3,099
43	20	96 908	45 960,122	1 210 612,048	26,340	25,879	93	70	7 450	1 484,076	4 987,132	3,360	2,899
44	21	96 714	45 079,097	1 164 651,926	25,836	25,375	94	71	5 636	1 103,332	3 503,056	3,175	2,714
45	22	96 501	44 206,388	1 119 572,829	25,326	24,865	95	72	4 153	799,001	2 399,725	3,003	2,542
46	23	96 266	43 340,125	1 075 366,441	24,812	24,351	96	73	2 975	562,669	1 600,724	2,845	2,384
47	24	96 006	42 479,646	1 032 026,316	24,295	23,833	97	74	2 070	384,733	1 038,055	2,698	2,237
48	25	95 710	41 620,107	989 546,670	23,776	23,314	98	75	1 396	254,938	653,322	2,563	2,101
49	26	95 382	40 764,122	947 926,563	23,254	22,793	99	76	910	163,407	398,384	2,438	1,977
							100	77	573	101,158	234,977	2,323	1,862

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	26	95 040	39 919,440	908 457,619	22,757	22,296
1							51	27	94 637	39 066,655	868 538,180	22,232	21,771
2							52	28	94 164	38 202,834	829 471,525	21,712	21,251
3							53	29	93 669	37 348,381	791 268,691	21,186	20,725
4							54	30	93 125	36 492,945	753 920,310	20,659	20,198
5							55	31	92 522	35 633,103	717 427,366	20,134	19,673
6							56	32	91 869	34 772,793	681 794,262	19,607	19,146
7							57	33	91 167	33 913,602	647 021,470	19,079	18,617
8							58	34	90 400	33 050,085	613 107,867	18,551	18,090
9							59	35	89 567	32 182,328	580 057,782	18,024	17,563
10							60	36	88 677	31 314,529	547 875,454	17,496	17,035
11							61	37	87 714	30 441,657	516 560,925	16,969	16,508
12							62	38	86 688	29 568,262	486 119,268	16,441	15,979
13							63	39	85 601	28 695,349	456 551,006	15,910	15,449
14							64	40	84 463	27 826,829	427 855,656	15,376	14,914
15							65	41	83 214	26 943,693	400 028,827	14,847	14,386
16							66	42	81 895	26 060,620	373 085,134	14,316	13,855
17							67	43	80 468	25 166,325	347 024,515	13,789	13,328
18							68	44	78 949	24 266,379	321 858,190	13,264	12,802
19							69	45	77 350	23 366,076	297 591,811	12,736	12,275
20							70	46	75 634	22 454,735	274 225,735	12,212	11,751
21							71	47	73 808	21 535,685	251 771,000	11,691	11,230
22							72	48	71 850	20 603,938	230 235,315	11,174	10,713
23							73	49	69 779	19 665,796	209 631,376	10,660	10,198
24	0	99 050	65 317,120	2 268 090,988	34,724	34,263	74	50	67 557	18 712,059	189 965,581	10,152	9,691
25	1	98 682	63 955,540	2 202 773,868	34,442	33,981	75	51	65 125	17 728,257	171 253,521	9,660	9,199
26	2	98 602	62 804,453	2 138 818,328	34,055	33,594	76	52	62 533	16 730,025	153 525,264	9,177	8,715
27	3	98 530	61 679,227	2 076 013,874	33,658	33,197	77	53	59 766	15 714,733	136 795,239	8,705	8,244
28	4	98 457	60 573,267	2 014 334,648	33,255	32,793	78	54	56 801	14 678,229	121 080,506	8,249	7,788
29	5	98 386	59 488,602	1 953 761,381	32,843	32,381	79	55	53 629	13 620,202	106 402,277	7,812	7,351
30	6	98 311	58 421,105	1 894 272,779	32,424	31,963	80	56	50 294	12 553,493	92 782,074	7,391	6,930
31	7	98 240	57 374,582	1 835 851,675	31,998	31,536	81	57	46 845	11 491,479	80 228,581	6,982	6,520
32	8	98 161	56 342,712	1 778 477,093	31,565	31,104	82	58	43 259	10 429,198	68 737,102	6,591	6,130
33	9	98 082	55 328,893	1 722 134,381	31,125	30,664	83	59	39 608	9 384,883	58 307,904	6,213	5,752
34	10	98 000	54 332,034	1 666 805,488	30,678	30,217	84	60	35 956	8 372,967	48 923,021	5,843	5,382
35	11	97 915	53 351,436	1 612 473,454	30,224	29,762	85	61	32 251	7 380,953	40 550,054	5,494	5,033
36	12	97 825	52 385,610	1 559 122,018	29,762	29,301	86	62	28 582	6 428,812	33 169,101	5,159	4,698
37	13	97 731	51 435,138	1 506 736,408	29,294	28,833	87	63	24 967	5 519,254	26 740,290	4,845	4,384
38	14	97 630	50 498,014	1 455 301,270	28,819	28,358	88	64	21 445	4 659,099	21 221,035	4,555	4,094
39	15	97 512	49 569,573	1 404 803,256	28,340	27,879	89	65	18 130	3 871,202	16 561,937	4,278	3,817
40	16	97 388	48 654,977	1 355 233,683	27,854	27,393	90	66	14 980	3 143,488	12 690,735	4,037	3,576
41	17	97 248	47 749,467	1 306 578,706	27,363	26,902	91	67	12 238	2 523,920	9 547,247	3,783	3,322
42	18	97 099	46 856,434	1 258 829,239	26,866	26,404	92	68	9 703	1 966,728	7 023,328	3,571	3,110
43	19	96 928	45 969,617	1 211 972,805	26,365	25,903	93	69	7 530	1 500,008	5 056,599	3,371	2,910
44	20	96 736	45 089,107	1 166 003,189	25,860	25,399	94	70	5 702	1 116,286	3 556,591	3,186	2,725
45	21	96 522	44 215,642	1 120 914,082	25,351	24,890	95	71	4 207	809,424	2 440,306	3,015	2,554
46	22	96 288	43 349,850	1 076 698,440	24,837	24,376	96	72	3 019	570,935	1 630,882	2,857	2,395
47	23	96 028	42 489,359	1 033 348,591	24,320	23,859	97	73	2 104	391,092	1 059,947	2,710	2,249
48	24	95 729	41 628,522	990 859,232	23,802	23,341	98	74	1 422	259,772	668,855	2,575	2,114
49	25	95 403	40 773,091	949 230,711	23,281	22,820	99	75	930	166,990	409,083	2,450	1,989
							100	76	588	103,698	242,093	2,335	1,873

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   1,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	25	95 061	39 928,223	909 643,933	22,782	22,321
1							51	26	94 660	39 075,903	869 715,710	22,257	21,796
2							52	27	94 189	38 213,100	830 639,807	21,737	21,276
3							53	28	93 693	37 357,828	792 426,707	21,212	20,751
4							54	29	93 152	36 503,418	755 068,879	20,685	20,224
5							55	30	92 549	35 643,192	718 565,461	20,160	19,699
6							56	31	91 896	34 783,298	682 922,270	19,634	19,172
7							57	32	91 199	33 925,628	648 138,972	19,105	18,643
8							58	33	90 433	33 062,174	614 213,344	18,578	18,116
9							59	34	89 605	32 196,005	581 151,170	18,050	17,589
10							60	35	88 712	31 326,989	548 955,165	17,523	17,062
11							61	36	87 755	30 456,130	517 628,176	16,996	16,535
12							62	37	86 734	29 584,051	487 172,046	16,467	16,006
13							63	38	85 649	28 711,333	457 587,995	15,938	15,476
14							64	39	84 519	27 845,250	428 876,662	15,402	14,941
15							65	40	83 272	26 962,735	401 031,412	14,874	14,412
16							66	41	81 960	26 081,524	374 068,677	14,342	13,881
17							67	42	80 540	25 188,745	347 987,153	13,815	13,354
18							68	43	79 030	24 291,252	322 798,408	13,289	12,827
19							69	44	77 437	23 392,349	298 507,156	12,761	12,300
20							70	45	75 730	22 483,271	275 114,807	12,236	11,775
21							71	46	73 912	21 566,074	252 631,536	11,714	11,253
22							72	47	71 968	20 637,683	231 065,461	11,196	10,735
23							73	48	69 903	19 700,635	210 427,778	10,681	10,220
24							74	49	67 696	18 750,641	190 727,143	10,172	9,711
25	0	98 994	64 157,810	2 204 334,651	34,358	33,897	75	50	65 269	17 767,399	171 976,502	9,679	9,218
26	1	98 628	62 821,036	2 140 176,841	34,068	33,607	76	51	62 687	16 771,061	154 209,103	9,195	8,734
27	2	98 545	61 688,414	2 077 355,805	33,675	33,214	77	52	59 931	15 757,995	137 438,042	8,722	8,261
28	3	98 468	60 580,035	2 015 667,391	33,273	32,812	78	53	56 973	14 722,493	121 680,047	8,265	7,804
29	4	98 397	59 495,693	1 955 087,355	32,861	32,400	79	54	53 801	13 663,807	106 957,555	7,828	7,367
30	5	98 321	58 427,010	1 895 591,662	32,444	31,983	80	55	50 473	12 598,131	93 293,748	7,405	6,944
31	6	98 248	57 379,579	1 837 164,652	32,018	31,557	81	56	47 022	11 534,991	80 695,618	6,996	6,535
32	7	98 169	56 347,548	1 779 785,074	31,586	31,125	82	57	43 432	10 471,047	69 160,626	6,605	6,144
33	8	98 089	55 332,968	1 723 437,525	31,147	30,685	83	58	39 784	9 426,476	58 689,580	6,226	5,765
34	9	98 007	54 335,782	1 668 104,558	30,700	30,239	84	59	36 127	8 412,692	49 263,104	5,856	5,395
35	10	97 922	53 355,223	1 613 768,776	30,246	29,785	85	60	32 425	7 420,947	40 850,413	5,505	5,044
36	11	97 833	52 389,800	1 560 413,553	29,785	29,323	86	61	28 747	6 465,970	33 429,466	5,170	4,709
37	12	97 739	51 439,279	1 508 023,753	29,317	28,855	87	62	25 126	5 554,289	26 963,496	4,855	4,393
38	13	97 638	50 502,538	1 456 584,474	28,842	28,381	88	63	21 591	4 690,704	21 409,207	4,564	4,103
39	14	97 522	49 574,946	1 406 081,937	28,363	27,902	89	64	18 265	3 899,863	16 718,503	4,287	3,826
40	15	97 400	48 661,098	1 356 506,990	27,877	27,415	90	65	15 098	3 168,231	12 818,640	4,046	3,585
41	16	97 263	47 756,816	1 307 845,892	27,386	26,924	91	66	12 344	2 545,696	9 650,409	3,791	3,330
42	17	97 115	46 863,954	1 260 089,077	26,888	26,427	92	67	9 793	1 984,855	7 104,713	3,579	3,118
43	18	96 951	45 980,119	1 213 225,123	26,386	25,925	93	68	7 604	1 514,717	5 119,858	3,380	2,919
44	19	96 756	45 098,421	1 167 245,004	25,882	25,421	94	69	5 763	1 128,270	3 605,141	3,195	2,734
45	20	96 543	44 225,459	1 122 146,582	25,373	24,912	95	70	4 256	818,927	2 476,871	3,025	2,563
46	21	96 308	43 358,924	1 077 921,123	24,860	24,399	96	71	3 059	578,383	1 657,944	2,867	2,405
47	22	96 050	42 498,892	1 034 562,199	24,343	23,882	97	72	2 135	396,838	1 079,562	2,720	2,259
48	23	95 751	41 638,039	992 063,306	23,826	23,365	98	73	1 446	264,066	682,724	2,585	2,124
49	24	95 422	40 781,335	950 425,267	23,305	22,844	99	74	948	170,157	418,658	2,460	1,999
							100	75	601	105,972	248,502	2,345	1,884

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	0	100 000	100 000,000	3 841 757,961	38,418	37,956	50	50	93 336	34 676,751	692 490,916	19,970	19,508
1	1	99 299	97 352,126	3 741 757,961	38,435	37,974	51	51	92 757	33 786,206	657 814,165	19,470	19,008
2	2	99 240	95 386,846	3 644 405,835	38,207	37,745	52	52	92 093	32 886,358	624 027,960	18,975	18,514
3	3	99 207	93 484,939	3 549 018,989	37,964	37,502	53	53	91 380	31 992,054	591 141,601	18,478	18,016
4	4	99 182	91 628,916	3 455 534,051	37,712	37,251	54	54	90 602	31 097,855	559 149,547	17,980	17,519
5	5	99 157	89 809,637	3 363 905,134	37,456	36,994	55	55	89 754	30 202,592	528 051,692	17,484	17,022
6	6	99 136	88 030,252	3 274 095,498	37,193	36,731	56	56	88 831	29 305,832	497 849,101	16,988	16,526
7	7	99 117	86 287,535	3 186 065,245	36,924	36,462	57	57	87 851	28 414,190	468 543,269	16,490	16,028
8	8	99 101	84 581,393	3 099 777,710	36,648	36,187	58	58	86 796	27 522,498	440 129,079	15,992	15,530
9	9	99 085	82 909,920	3 015 196,317	36,367	35,906	59	59	85 653	26 627,538	412 606,581	15,495	15,034
10	10	99 070	81 272,245	2 932 286,397	36,080	35,618	60	60	84 435	25 734,210	385 979,043	14,999	14,537
11	11	99 055	79 665,897	2 851 014,152	35,787	35,326	61	61	83 107	24 832,877	360 244,833	14,507	14,045
12	12	99 038	78 090,872	2 771 348,255	35,489	35,027	62	62	81 707	23 935,785	335 411,956	14,013	13,551
13	13	99 019	76 544,997	2 693 257,382	35,185	34,724	63	63	80 218	23 038,883	311 476,172	13,520	13,058
14	14	98 999	75 029,071	2 616 712,386	34,876	34,414	64	64	78 670	22 151,297	288 437,289	13,021	12,560
15	15	98 974	73 538,901	2 541 683,315	34,562	34,101	65	65	76 991	21 253,479	266 285,992	12,529	12,067
16	16	98 944	72 075,059	2 468 144,414	34,244	33,782	66	66	75 240	20 362,684	245 032,513	12,033	11,572
17	17	98 903	70 632,602	2 396 069,356	33,923	33,461	67	67	73 362	19 465,251	224 669,829	11,542	11,080
18	18	98 853	69 213,080	2 325 436,754	33,598	33,137	68	68	71 392	18 571,202	205 204,579	11,050	10,588
19	19	98 783	67 807,798	2 256 223,674	33,274	32,812	69	69	69 345	17 685,007	186 633,376	10,553	10,092
20	20	98 714	66 432,023	2 188 415,876	32,942	32,481	70	70	67 172	16 794,832	168 948,369	10,060	9,598
21	21	98 639	65 079,952	2 121 983,853	32,606	32,144	71	71	64 881	15 903,904	152 153,537	9,567	9,105
22	22	98 566	63 756,048	2 056 903,901	32,262	31,800	72	72	62 449	15 007,606	136 249,633	9,079	8,617
23	23	98 491	62 458,701	1 993 147,853	31,911	31,450	73	73	59 876	14 107,241	121 242,027	8,594	8,133
24	24	98 417	61 188,018	1 930 689,152	31,553	31,092	74	74	57 144	13 199,964	107 134,786	8,117	7,655
25	25	98 342	59 942,567	1 869 501,134	31,188	30,727	75	75	54 182	12 269,870	93 935,186	7,656	7,194
26	26	98 266	58 722,016	1 809 558,567	30,816	30,354	76	76	51 034	11 330,478	81 665,316	7,208	6,746
27	27	98 186	57 523,536	1 750 836,550	30,437	29,975	77	77	47 712	10 385,258	70 334,838	6,773	6,311
28	28	98 098	56 344,787	1 693 313,014	30,053	29,591	78	78	44 221	9 436,600	59 949,580	6,353	5,891
29	29	98 014	55 192,832	1 636 968,227	29,659	29,197	79	79	40 542	8 481,889	50 512,980	5,955	5,494
30	30	97 921	54 059,522	1 581 775,395	29,260	28,798	80	80	36 771	7 542,035	42 031,091	5,573	5,111
31	31	97 831	52 950,626	1 527 715,873	28,852	28,390	81	81	32 943	6 624,411	34 489,055	5,206	4,745
32	32	97 732	51 859,659	1 474 765,247	28,438	27,976	82	82	29 089	5 734,816	27 864,644	4,859	4,397
33	33	97 625	50 787,419	1 422 905,588	28,017	27,555	83	83	25 277	4 885,597	22 129,829	4,530	4,068
34	34	97 515	49 735,388	1 372 118,169	27,588	27,127	84	84	21 610	4 094,786	17 244,232	4,211	3,750
35	35	97 396	48 700,813	1 322 382,781	27,153	26,692	85	85	18 078	3 358,502	13 149,446	3,915	3,454
36	36	97 276	47 686,814	1 273 681,968	26,709	26,248	86	86	14 781	2 692,072	9 790,944	3,637	3,175
37	37	97 144	46 688,399	1 225 995,154	26,259	25,797	87	87	11 769	2 101,552	7 098,872	3,378	2,916
38	38	97 000	45 705,102	1 179 306,755	25,803	25,341	88	88	9 075	1 588,747	4 997,321	3,145	2,684
39	39	96 839	44 734,753	1 133 601,652	25,341	24,879	89	89	6 784	1 164,365	3 408,574	2,927	2,466
40	40	96 664	43 778,272	1 088 866,900	24,872	24,411	90	90	4 850	816,067	2 244,209	2,750	2,288
41	41	96 472	42 834,542	1 045 088,628	24,398	23,937	91	91	3 378	557,207	1 428,142	2,563	2,101
42	42	96 263	41 903,524	1 002 254,086	23,918	23,457	92	92	2 223	359,453	870,934	2,423	1,961
43	43	96 030	40 982,545	960 350,562	23,433	22,972	93	93	1 412	223,905	511,482	2,284	1,823
44	44	95 760	40 066,251	919 368,017	22,946	22,485	94	94	857	133,184	287,577	2,159	1,698
45	45	95 463	39 158,462	879 301,766	22,455	21,993	95	95	495	75,451	154,393	2,046	1,585
46	46	95 130	38 256,996	840 143,304	21,961	21,499	96	96	272	40,602	78,943	1,944	1,483
47	47	94 761	37 361,364	801 886,309	21,463	21,001	97	97	141	20,700	38,341	1,852	1,391
48	48	94 333	36 463,333	764 524,944	20,967	20,505	98	98	69	9,972	17,640	1,769	1,307
49	49	93 864	35 570,695	728 061,612	20,468	20,006	99	99	32	4,527	7,668	1,694	1,232
							100	100	14	1,932	3,141	1,626	1,164

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	1	99 685	99 684,731	3 832 136,542	38,443	37,981	50	51	93 130	34 600,358	684 222,220	19,775	19,313
1	2	99 273	97 326,429	3 732 451,811	38,350	37,888	51	52	92 530	33 703,538	649 621,862	19,275	18,813
2	3	99 226	95 372,639	3 635 125,382	38,115	37,653	52	53	91 840	32 796,073	615 918,324	18,780	18,319
3	4	99 196	93 474,493	3 539 752,744	37,869	37,407	53	54	91 105	31 895,869	583 122,251	18,282	17,820
4	5	99 170	91 617,996	3 446 278,250	37,616	37,154	54	55	90 313	30 998,615	551 226,382	17,782	17,321
5	6	99 147	89 800,559	3 354 660,254	37,357	36,895	55	56	89 436	30 095,579	520 227,768	17,286	16,824
6	7	99 128	88 022,586	3 264 859,695	37,091	36,630	56	57	88 496	29 195,284	490 132,189	16,788	16,326
7	8	99 109	86 280,129	3 176 837,109	36,820	36,358	57	58	87 500	28 300,631	460 936,904	16,287	15,826
8	9	99 093	84 575,164	3 090 556,979	36,542	36,081	58	59	86 413	27 401,060	432 636,274	15,789	15,327
9	10	99 078	82 904,201	3 005 981,816	36,258	35,797	59	60	85 248	26 501,802	405 235,213	15,291	14,829
10	11	99 063	81 266,477	2 923 077,615	35,969	35,507	60	61	83 980	25 595,519	378 733,412	14,797	14,335
11	12	99 047	79 659,526	2 841 811,137	35,674	35,213	61	62	82 629	24 690,169	353 137,892	14,303	13,841
12	13	99 030	78 084,586	2 762 151,611	35,374	34,912	62	63	81 191	23 784,806	328 447,723	13,809	13,348
13	14	99 010	76 538,140	2 684 067,025	35,068	34,607	63	64	79 678	22 883,650	304 662,917	13,314	12,852
14	15	98 989	75 020,939	2 607 528,885	34,757	34,296	64	65	78 092	21 988,498	281 779,266	12,815	12,353
15	16	98 961	73 529,650	2 532 507,946	34,442	33,980	65	66	76 390	21 087,492	259 790,769	12,320	11,858
16	17	98 928	72 063,968	2 458 978,296	34,122	33,661	66	67	74 596	20 188,496	238 703,277	11,824	11,362
17	18	98 887	70 621,267	2 386 914,328	33,799	33,337	67	68	72 692	19 287,488	218 514,781	11,329	10,868
18	19	98 831	69 197,271	2 316 293,061	33,474	33,012	68	69	70 699	18 390,864	199 227,292	10,833	10,371
19	20	98 763	67 793,793	2 247 095,790	33,146	32,684	69	70	68 609	17 497,166	180 836,428	10,335	9,874
20	21	98 693	66 417,276	2 179 301,997	32,812	32,351	70	71	66 392	16 599,933	163 339,263	9,840	9,378
21	22	98 619	65 066,331	2 112 884,721	32,473	32,011	71	72	64 045	15 699,106	146 739,330	9,347	8,885
22	23	98 543	63 741,746	2 047 818,390	32,127	31,665	72	73	61 545	14 790,330	131 040,223	8,860	8,398
23	24	98 469	62 444,424	1 984 076,644	31,773	31,312	73	74	58 903	13 877,841	116 249,893	8,377	7,915
24	25	98 397	61 175,650	1 921 632,220	31,412	30,950	74	75	56 081	12 953,987	102 372,053	7,903	7,441
25	26	98 321	59 929,381	1 860 456,570	31,044	30,583	75	76	53 019	12 006,584	89 418,065	7,447	6,986
26	27	98 243	58 708,119	1 800 527,189	30,669	30,208	76	77	49 784	11 052,962	77 411,481	7,004	6,542
27	28	98 160	57 508,083	1 741 819,071	30,288	29,827	77	78	46 390	10 097,340	66 358,519	6,572	6,110
28	29	98 073	56 330,539	1 684 310,988	29,900	29,439	78	79	42 803	9 133,985	56 261,179	6,160	5,698
29	30	97 986	55 176,996	1 627 980,449	29,505	29,043	79	80	39 070	8 173,946	47 127,194	5,766	5,304
30	31	97 894	54 044,221	1 572 803,453	29,102	28,641	80	81	35 235	7 227,038	38 953,247	5,390	4,928
31	32	97 801	52 934,634	1 518 759,231	28,691	28,230	81	82	31 375	6 309,153	31 726,209	5,029	4,567
32	33	97 697	51 841,276	1 465 824,597	28,275	27,814	82	83	27 485	5 418,573	25 417,056	4,691	4,229
33	34	97 589	50 768,849	1 413 983,322	27,851	27,390	83	84	23 692	4 579,213	19 998,483	4,367	3,906
34	35	97 474	49 714,262	1 363 214,473	27,421	26,959	84	85	20 047	3 798,669	15 419,270	4,059	3,598
35	36	97 358	48 681,442	1 313 500,211	26,982	26,520	85	86	16 582	3 080,570	11 620,601	3,772	3,311
36	37	97 230	47 664,152	1 264 818,769	26,536	26,074	86	87	13 388	2 438,418	8 540,031	3,502	3,041
37	38	97 092	46 663,483	1 217 154,616	26,084	25,622	87	88	10 495	1 873,971	6 101,614	3,256	2,794
38	39	96 946	45 679,658	1 170 491,134	25,624	25,162	88	89	7 966	1 394,464	4 227,642	3,032	2,570
39	40	96 775	44 705,158	1 124 811,476	25,161	24,699	89	90	5 824	999,587	2 833,179	2,834	2,373
40	41	96 596	43 747,354	1 080 106,318	24,690	24,228	90	91	4 099	689,744	1 833,591	2,658	2,197
41	42	96 395	42 800,210	1 036 358,963	24,214	23,752	91	92	2 778	458,199	1 143,848	2,496	2,035
42	43	96 177	41 866,226	993 558,753	23,732	23,270	92	93	1 802	291,435	685,648	2,353	1,891
43	44	95 932	40 940,582	951 692,527	23,246	22,784	93	94	1 119	177,500	394,214	2,221	1,759
44	45	95 653	40 021,250	910 751,945	22,757	22,295	94	95	663	103,100	216,714	2,102	1,640
45	46	95 341	39 108,760	870 730,695	22,264	21,803	95	96	374	56,961	113,614	1,995	1,533
46	47	94 996	38 203,087	831 621,934	21,768	21,307	96	97	200	29,855	56,653	1,898	1,436
47	48	94 606	37 300,274	793 418,847	21,271	20,810	97	98	101	14,805	26,798	1,810	1,348
48	49	94 166	36 398,850	756 118,573	20,773	20,312	98	99	48	6,929	11,993	1,731	1,269
49	50	93 671	35 497,503	719 719,723	20,275	19,814	99	100	22	3,052	5,064	1,659	1,198

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	2	99 658	99 658,418	3 822 135,525	38,352	37,891	50	52	92 902	34 515,698	675 359,092	19,567	19,105
1	3	99 258	97 311,933	3 722 477,107	38,253	37,791	51	53	92 276	33 611,009	640 843,394	19,066	18,605
2	4	99 215	95 361,982	3 625 165,174	38,015	37,553	52	54	91 564	32 697,470	607 232,385	18,571	18,110
3	5	99 184	93 463,353	3 529 803,192	37,767	37,305	53	55	90 815	31 794,082	574 534,915	18,070	17,609
4	6	99 160	91 608,736	3 436 339,839	37,511	37,049	54	56	89 993	30 888,781	542 740,833	17,571	17,109
5	7	99 138	89 792,739	3 344 731,103	37,249	36,788	55	57	89 099	29 982,052	511 852,051	17,072	16,610
6	8	99 119	88 015,031	3 254 938,364	36,982	36,520	56	58	88 142	29 078,604	481 869,999	16,571	16,110
7	9	99 101	86 273,775	3 166 923,333	36,708	36,246	57	59	87 113	28 175,760	452 791,396	16,070	15,609
8	10	99 086	84 569,329	3 080 649,558	36,428	35,966	58	60	86 005	27 271,672	424 615,636	15,570	15,108
9	11	99 071	82 898,317	2 996 080,228	36,142	35,680	59	61	84 789	26 358,974	397 343,964	15,074	14,613
10	12	99 055	81 259,979	2 913 181,911	35,850	35,389	60	62	83 497	25 448,429	370 984,990	14,578	14,116
11	13	99 039	79 653,113	2 831 921,932	35,553	35,092	61	63	82 108	24 534,433	345 536,561	14,084	13,622
12	14	99 021	78 077,592	2 752 268,819	35,250	34,789	62	64	80 644	23 624,548	321 002,128	13,588	13,126
13	15	99 000	76 529,844	2 674 191,227	34,943	34,482	63	65	79 092	22 715,469	297 377,580	13,091	12,630
14	16	98 976	75 011,502	2 597 661,383	34,630	34,169	64	66	77 482	21 816,770	274 662,111	12,589	12,128
15	17	98 946	73 518,336	2 522 649,881	34,313	33,852	65	67	75 736	20 907,104	252 845,341	12,094	11,632
16	18	98 913	72 052,404	2 449 131,545	33,991	33,529	66	68	73 915	20 004,128	231 938,237	11,595	11,133
17	19	98 864	70 605,136	2 377 079,141	33,667	33,206	67	69	71 986	19 100,195	211 934,109	11,096	10,634
18	20	98 810	69 182,979	2 306 474,005	33,339	32,877	68	70	69 948	18 195,525	192 833,914	10,598	10,136
19	21	98 741	67 778,744	2 237 291,026	33,009	32,547	69	71	67 813	17 294,116	174 638,389	10,098	9,637
20	22	98 672	66 403,375	2 169 512,282	32,672	32,210	70	72	65 537	16 386,172	157 344,273	9,602	9,141
21	23	98 597	65 051,735	2 103 108,907	32,330	31,868	71	73	63 118	15 471,819	140 958,101	9,111	8,649
22	24	98 521	63 727,176	2 038 057,172	31,981	31,519	72	74	60 544	14 549,822	125 486,282	8,625	8,163
23	25	98 449	62 431,802	1 974 329,996	31,624	31,162	73	75	57 807	13 619,608	110 936,460	8,145	7,684
24	26	98 376	61 162,193	1 911 898,195	31,259	30,798	74	76	54 878	12 676,021	97 316,852	7,677	7,216
25	27	98 297	59 915,198	1 850 736,002	30,889	30,428	75	77	51 721	11 712,509	84 640,830	7,227	6,765
26	28	98 217	58 692,347	1 790 820,804	30,512	30,050	76	78	48 404	10 746,533	72 928,321	6,786	6,325
27	29	98 135	57 493,541	1 732 128,458	30,127	29,666	77	79	44 902	9 773,536	62 181,788	6,362	5,901
28	30	98 045	56 314,376	1 674 634,917	29,737	29,276	78	80	41 249	8 802,367	52 408,252	5,954	5,492
29	31	97 958	55 161,379	1 618 320,541	29,338	28,876	79	81	37 438	7 832,557	43 605,884	5,567	5,106
30	32	97 864	54 027,899	1 563 159,161	28,932	28,471	80	82	33 558	6 883,101	35 773,328	5,197	4,736
31	33	97 767	52 915,890	1 509 131,262	28,519	28,058	81	83	29 645	5 961,239	28 890,227	4,846	4,385
32	34	97 661	51 822,321	1 456 215,392	28,100	27,639	82	84	25 762	5 078,766	22 928,988	4,515	4,053
33	35	97 548	50 747,284	1 404 393,072	27,674	27,213	83	85	21 979	4 248,064	17 850,222	4,202	3,740
34	36	97 435	49 694,488	1 353 645,788	27,239	26,778	84	86	18 388	3 484,311	13 602,158	3,904	3,442
35	37	97 311	48 658,308	1 303 951,300	26,798	26,337	85	87	15 020	2 790,311	10 117,847	3,626	3,164
36	38	97 178	47 638,715	1 255 292,992	26,350	25,889	86	88	11 938	2 174,357	7 327,536	3,370	2,908
37	39	97 038	46 637,504	1 207 654,278	25,894	25,433	87	89	9 211	1 644,809	5 153,179	3,133	2,671
38	40	96 882	45 649,438	1 161 016,773	25,433	24,972	88	90	6 838	1 197,123	3 508,370	2,931	2,469
39	41	96 707	44 673,586	1 115 367,335	24,967	24,505	89	91	4 923	844,856	2 311,247	2,736	2,274
40	42	96 518	43 712,291	1 070 693,748	24,494	24,033	90	92	3 371	567,186	1 466,391	2,585	2,124
41	43	96 309	42 762,114	1 026 981,457	24,016	23,555	91	93	2 252	371,496	899,205	2,420	1,959
42	44	96 078	41 823,358	984 219,343	23,533	23,071	92	94	1 429	231,034	527,709	2,284	1,823
43	45	95 824	40 894,599	942 395,985	23,045	22,583	93	95	867	137,406	296,675	2,159	1,698
44	46	95 532	39 970,454	901 501,386	22,554	22,093	94	96	501	77,835	159,270	2,046	1,585
45	47	95 207	39 053,652	861 530,932	22,060	21,599	95	97	275	41,883	81,435	1,944	1,483
46	48	94 841	38 140,621	822 477,280	21,564	21,103	96	98	143	21,353	39,552	1,852	1,391
47	49	94 439	37 234,311	784 336,659	21,065	20,603	97	99	70	10,287	18,199	1,769	1,307
48	50	93 973	36 323,954	747 102,348	20,568	20,106	98	100	33	4,671	7,912	1,694	1,232
49	51	93 465	35 419,302	710 778,394	20,068	19,606							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	3	99 644	99 643,575	3 811 440,053	38,251	37,789	50	53	92 647	34 420,940	665 885,677	19,345	18,884
1	4	99 247	97 301,060	3 711 796,478	38,148	37,686	51	54	91 999	33 509,956	631 464,738	18,844	18,382
2	5	99 203	95 350,617	3 614 495,418	37,907	37,446	52	55	91 271	32 593,125	597 954,781	18,346	17,884
3	6	99 174	93 453,906	3 519 144,801	37,656	37,195	53	56	90 493	31 681,430	565 361,656	17,845	17,384
4	7	99 152	91 600,758	3 425 690,895	37,398	36,936	54	57	89 654	30 772,263	533 680,226	17,343	16,881
5	8	99 130	89 785,032	3 334 090,137	37,134	36,673	55	58	88 742	29 862,227	502 907,963	16,841	16,379
6	9	99 112	88 008,549	3 244 305,105	36,864	36,402	56	59	87 753	28 950,300	473 045,736	16,340	15,878
7	10	99 095	86 267,824	3 156 296,556	36,587	36,126	57	60	86 702	28 042,713	444 095,437	15,836	15,375
8	11	99 079	84 563,327	3 070 028,732	36,304	35,843	58	61	85 541	27 124,695	416 052,724	15,339	14,877
9	12	99 063	82 891,688	2 985 465,405	36,016	35,555	59	62	84 302	26 207,497	388 928,028	14,840	14,379
10	13	99 047	81 253,437	2 902 573,716	35,722	35,261	60	63	82 970	25 287,910	362 720,532	14,344	13,882
11	14	99 030	79 645,978	2 821 320,279	35,423	34,962	61	64	81 555	24 369,123	337 432,622	13,847	13,385
12	15	99 011	78 069,129	2 741 674,301	35,119	34,657	62	65	80 052	23 450,921	313 063,499	13,350	12,888
13	16	98 987	76 520,218	2 663 605,172	34,809	34,348	63	66	78 474	22 538,064	289 612,578	12,850	12,388
14	17	98 961	74 999,960	2 587 084,954	34,494	34,033	64	67	76 819	21 630,144	267 074,514	12,347	11,886
15	18	98 930	73 506,538	2 512 084,994	34,175	33,713	65	68	75 045	20 716,174	245 444,370	11,848	11,386
16	19	98 890	72 035,946	2 438 578,456	33,852	33,391	66	69	73 197	19 809,876	224 728,196	11,344	10,883
17	20	98 844	70 590,554	2 366 542,510	33,525	33,063	67	70	71 222	18 897,322	204 918,320	10,844	10,382
18	21	98 788	69 167,621	2 295 951,956	33,194	32,732	68	71	69 136	17 984,371	186 020,998	10,343	9,882
19	22	98 720	67 764,558	2 226 784,335	32,861	32,399	69	72	66 939	17 071,416	168 036,627	9,843	9,382
20	23	98 650	66 388,479	2 159 019,777	32,521	32,059	70	73	64 589	16 148,938	150 965,211	9,348	8,887
21	24	98 574	65 036,865	2 092 631,298	32,176	31,714	71	74	62 092	15 220,229	134 816,273	8,858	8,396
22	25	98 501	63 714,294	2 027 594,432	31,823	31,362	72	75	59 417	14 279,085	119 596,044	8,376	7,914
23	26	98 427	62 418,068	1 963 880,139	31,463	31,002	73	76	56 566	13 327,360	105 316,959	7,902	7,441
24	27	98 352	61 147,201	1 901 462,071	31,096	30,635	74	77	53 534	12 365,550	91 989,599	7,439	6,978
25	28	98 271	59 899,102	1 840 314,353	30,724	30,262	75	78	50 287	11 387,795	79 624,049	6,992	6,530
26	29	98 192	58 677,505	1 780 415,252	30,342	29,881	76	79	46 852	10 401,911	68 236,254	6,560	6,098
27	30	98 107	57 477,045	1 721 737,746	29,955	29,494	77	80	43 272	9 418,699	57 834,344	6,140	5,679
28	31	98 017	56 298,438	1 664 260,702	29,561	29,100	78	81	39 526	8 434,731	48 415,645	5,740	5,278
29	32	97 928	55 144,719	1 607 962,264	29,159	28,697	79	82	35 657	7 459,803	39 980,913	5,360	4,898
30	33	97 829	54 008,747	1 552 817,545	28,751	28,290	80	83	31 708	6 503,537	32 521,111	5,001	4,539
31	34	97 731	52 896,522	1 498 808,798	28,335	27,873	81	84	27 786	5 587,400	26 017,574	4,656	4,195
32	35	97 620	51 800,308	1 445 912,275	27,913	27,452	82	85	23 899	4 711,491	20 430,174	4,336	3,875
33	36	97 509	50 727,099	1 394 111,968	27,483	27,021	83	86	20 160	3 896,517	15 718,682	4,034	3,572
34	37	97 388	49 670,872	1 343 384,869	27,046	26,584	84	87	16 655	3 156,010	11 822,165	3,746	3,284
35	38	97 259	48 632,340	1 293 713,997	26,602	26,140	85	88	13 393	2 488,144	8 666,155	3,483	3,021
36	39	97 124	47 612,194	1 245 081,657	26,150	25,689	86	89	10 478	1 908,461	6 178,012	3,237	2,776
37	40	96 974	46 606,651	1 197 469,463	25,693	25,231	87	90	7 908	1 412,040	4 269,550	3,024	2,562
38	41	96 813	45 617,200	1 150 862,812	25,229	24,767	88	91	5 780	1 011,814	2 857,510	2,824	2,363
39	42	96 629	44 637,781	1 105 245,612	24,760	24,299	89	92	4 048	694,736	1 845,696	2,657	2,195
40	43	96 433	43 673,383	1 060 607,832	24,285	23,823	90	93	2 733	459,859	1 150,960	2,503	2,041
41	44	96 210	42 718,329	1 016 934,448	23,806	23,344	91	94	1 785	294,502	691,101	2,347	1,885
42	45	95 971	41 776,384	974 216,120	23,320	22,858	92	95	1 106	178,848	396,598	2,218	1,756
43	46	95 702	40 842,694	932 439,736	22,830	22,368	93	96	654	103,734	217,750	2,099	1,638
44	47	95 397	39 914,131	891 597,042	22,338	21,876	94	97	368	57,232	114,017	1,992	1,531
45	48	95 051	38 989,795	851 682,911	21,844	21,382	95	98	197	29,956	56,785	1,896	1,434
46	49	94 673	38 073,172	812 693,116	21,346	20,884	96	99	99	14,836	26,829	1,808	1,347
47	50	94 245	37 157,696	774 619,944	20,847	20,385	97	100	47	6,934	11,993	1,729	1,268
48	51	93 766	36 243,932	737 462,248	20,347	19,886							
49	52	93 236	35 332,639	701 218,316	19,846	19,385							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	4	99 632	99 632,441	3 800 015,139	38,140	37,679	50	54	92 368	34 317,452	655 790,854	19,110	18,648
1	5	99 235	97 289,464	3 700 382,697	38,035	37,573	51	55	91 705	33 403,019	621 473,402	18,605	18,144
2	6	99 193	95 340,979	3 603 093,233	37,792	37,330	52	56	90 948	32 477,642	588 070,384	18,107	17,645
3	7	99 165	93 445,767	3 507 752,254	37,538	37,076	53	57	90 151	31 561,921	555 592,741	17,603	17,142
4	8	99 143	91 592,896	3 414 306,487	37,277	36,815	54	58	89 295	30 649,279	524 030,820	17,098	16,636
5	9	99 123	89 778,420	3 322 713,591	37,010	36,549	55	59	88 351	29 730,465	493 381,541	16,595	16,134
6	10	99 105	88 002,478	3 232 935,171	36,737	36,275	56	60	87 339	28 813,596	463 651,075	16,091	15,630
7	11	99 088	86 261,701	3 144 932,693	36,458	35,996	57	61	86 235	27 891,581	434 837,480	15,590	15,129
8	12	99 071	84 556,565	3 058 670,991	36,173	35,711	58	62	85 050	26 968,817	406 945,899	15,089	14,628
9	13	99 055	82 885,015	2 974 114,426	35,882	35,421	59	63	83 770	26 042,189	379 977,081	14,591	14,129
10	14	99 039	81 246,159	2 891 229,411	35,586	35,124	60	64	82 411	25 117,523	353 934,892	14,091	13,630
11	15	99 019	79 637,346	2 809 983,252	35,285	34,823	61	65	80 956	24 190,024	328 817,368	13,593	13,131
12	16	98 998	78 059,309	2 730 345,906	34,978	34,516	62	66	79 427	23 267,772	304 627,344	13,092	12,631
13	17	98 972	76 508,443	2 652 286,598	34,667	34,205	63	67	77 803	22 345,268	281 359,572	12,591	12,130
14	18	98 945	74 987,924	2 575 778,154	34,349	33,888	64	68	76 118	21 432,611	259 014,304	12,085	11,623
15	19	98 908	73 489,749	2 500 790,230	34,029	33,567	65	69	74 316	20 515,007	237 581,693	11,581	11,119
16	20	98 869	72 021,068	2 427 300,482	33,703	33,241	66	70	72 420	19 599,465	217 066,686	11,075	10,614
17	21	98 822	70 574,883	2 355 279,413	33,373	32,911	67	71	70 395	18 678,023	197 467,222	10,572	10,111
18	22	98 786	69 153,145	2 284 704,530	33,038	32,577	68	72	68 246	17 752,783	178 789,198	10,071	9,609
19	23	98 698	67 749,357	2 215 551,385	32,702	32,241	69	73	65 970	16 824,261	161 036,415	9,572	9,110
20	24	98 627	66 373,304	2 147 802,029	32,359	31,898	70	74	63 538	15 886,337	144 212,154	9,078	8,616
21	25	98 554	65 023,719	2 081 428,725	32,010	31,549	71	75	60 936	14 937,018	128 325,817	8,591	8,130
22	26	98 479	63 700,278	2 016 405,006	31,655	31,193	72	76	58 142	13 972,686	113 388,800	8,115	7,653
23	27	98 404	62 403,296	1 952 704,728	31,292	30,830	73	77	55 181	13 000,935	99 416,114	7,647	7,185
24	28	98 326	61 131,290	1 890 301,432	30,922	30,460	74	78	52 049	12 022,731	86 415,179	7,188	6,726
25	29	98 246	59 883,955	1 829 170,142	30,545	30,084	75	79	48 674	11 022,608	74 392,448	6,749	6,287
26	30	98 164	58 660,669	1 769 286,187	30,161	29,700	76	80	45 151	10 024,260	63 369,839	6,322	5,860
27	31	98 079	57 460,777	1 710 625,518	29,770	29,309	77	81	41 464	9 025,321	53 345,580	5,911	5,449
28	32	97 987	56 281,434	1 653 164,741	29,373	28,912	78	82	37 645	8 033,319	44 320,258	5,517	5,055
29	33	97 894	55 125,172	1 596 883,307	28,968	28,507	79	83	33 690	7 048,437	36 286,939	5,148	4,687
30	34	97 794	53 989,000	1 541 758,135	28,557	28,095	80	84	29 719	6 095,690	29 238,502	4,797	4,335
31	35	97 690	52 874,053	1 487 769,135	28,138	27,676	81	85	25 776	5 183,343	23 142,812	4,465	4,003
32	36	97 581	51 779,704	1 434 895,082	27,712	27,250	82	86	21 921	4 321,594	17 959,469	4,156	3,694
33	37	97 463	50 702,993	1 383 115,378	27,279	26,817	83	87	18 260	3 529,377	13 637,875	3,864	3,402
34	38	97 337	49 644,364	1 332 412,385	26,839	26,378	84	88	14 852	2 814,241	10 108,498	3,592	3,130
35	39	97 205	48 605,265	1 282 768,022	26,392	25,930	85	89	11 756	2 183,876	7 294,258	3,340	2,878
36	40	97 059	47 580,696	1 234 162,756	25,938	25,477	86	90	8 996	1 638,382	5 110,382	3,119	2,658
37	41	96 905	46 573,736	1 186 582,061	25,477	25,016	87	91	6 684	1 193,463	3 472,000	2,909	2,448
38	42	96 736	45 580,638	1 140 008,324	25,011	24,549	88	92	4 753	832,028	2 278,538	2,739	2,277
39	43	96 543	44 598,049	1 094 427,686	24,540	24,078	89	93	3 282	563,274	1 446,509	2,568	2,106
40	44	96 334	43 628,664	1 049 829,637	24,063	23,601	90	94	2 167	364,552	883,235	2,423	1,961
41	45	96 102	42 670,349	1 006 200,973	23,581	23,119	91	95	1 382	227,979	518,683	2,275	1,814
42	46	95 849	41 723,360	963 530,623	23,093	22,632	92	96	835	135,020	290,703	2,153	1,691
43	47	95 567	40 785,142	921 807,264	22,602	22,140	93	97	481	76,275	155,683	2,041	1,579
44	48	95 241	39 848,867	881 022,121	22,109	21,647	94	98	263	40,934	79,408	1,940	1,478
45	49	94 883	38 920,844	841 173,254	21,612	21,151	95	99	137	20,814	38,475	1,849	1,387
46	50	94 478	37 994,831	802 252,411	21,115	20,653	96	100	67	10,001	17,661	1,766	1,304
47	51	94 037	37 075,837	764 257,580	20,613	20,152							
48	52	93 536	36 155,251	727 181,742	20,113	19,651							
49	53	92 980	35 235,637	691 026,492	19,612	19,150							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	5	99 621	99 620,567	3 787 836,167	38,023	37,561	50	55	92 074	34 207,937	645 065,072	18,857	18,396
1	6	99 225	97 279,630	3 688 215,599	37,914	37,452	51	56	91 380	33 284,666	610 857,135	18,353	17,891
2	7	99 184	95 332,676	3 590 935,969	37,667	37,206	52	57	90 605	32 355,130	577 572,469	17,851	17,389
3	8	99 157	93 437,747	3 495 603,293	37,411	36,949	53	58	89 791	31 435,782	545 217,338	17,344	16,882
4	9	99 136	91 586,151	3 402 165,546	37,147	36,686	54	59	88 901	30 514,045	513 781,556	16,838	16,376
5	10	99 116	89 772,227	3 310 579,395	36,878	36,416	55	60	87 934	29 590,078	483 267,511	16,332	15,870
6	11	99 098	87 996,233	3 220 807,169	36,602	36,140	56	61	86 868	28 658,309	453 677,434	15,831	15,369
7	12	99 080	86 254,803	3 132 810,936	36,320	35,859	57	62	85 739	27 731,296	425 019,125	15,326	14,865
8	13	99 064	84 549,758	3 046 556,133	36,033	35,571	58	63	84 513	26 798,708	397 287,828	14,825	14,363
9	14	99 046	82 877,591	2 962 006,375	35,740	35,278	59	64	83 205	25 866,721	370 489,121	14,323	13,861
10	15	99 028	81 237,353	2 879 128,784	35,441	34,979	60	65	81 806	24 932,924	344 622,400	13,822	13,360
11	16	99 007	79 627,328	2 797 891,431	35,137	34,676	61	66	80 323	24 001,103	319 689,476	13,320	12,858
12	17	98 983	78 047,297	2 718 264,103	34,828	34,367	62	67	78 747	23 068,734	295 688,372	12,818	12,356
13	18	98 956	76 496,166	2 640 216,805	34,514	34,053	63	68	77 092	22 141,204	272 619,639	12,313	11,851
14	19	98 922	74 970,796	2 563 720,639	34,196	33,735	64	69	75 379	21 224,487	250 478,435	11,801	11,340
15	20	98 887	73 474,570	2 488 749,843	33,872	33,411	65	70	73 527	20 297,107	229 253,948	11,295	10,833
16	21	98 848	72 005,080	2 415 275,273	33,543	33,082	66	71	71 579	19 372,018	208 956,841	10,787	10,325
17	22	98 801	70 560,113	2 343 270,193	33,210	32,748	67	72	69 489	18 437,503	189 584,823	10,283	9,821
18	23	98 746	69 137,632	2 272 710,081	32,872	32,411	68	73	67 258	17 495,763	171 147,320	9,782	9,321
19	24	98 675	67 733,870	2 203 572,449	32,533	32,071	69	74	64 897	16 550,679	153 651,557	9,284	8,822
20	25	98 607	66 359,887	2 135 838,578	32,186	31,724	70	75	62 356	15 590,731	137 100,878	8,794	8,332
21	26	98 533	65 009,415	2 069 478,691	31,834	31,372	71	76	59 629	14 616,500	121 510,147	8,313	7,852
22	27	98 456	63 685,202	2 004 469,276	31,475	31,013	72	77	56 718	13 630,455	106 893,647	7,842	7,381
23	28	98 377	62 386,531	1 940 784,073	31,109	30,647	73	78	53 651	12 640,501	93 263,192	7,378	6,917
24	29	98 301	61 115,832	1 878 397,542	30,735	30,273	74	79	50 380	11 637,183	80 622,691	6,928	6,466
25	30	98 218	59 866,773	1 817 281,710	30,355	29,894	75	80	46 907	10 622,422	68 985,508	6,494	6,033
26	31	98 136	58 644,066	1 757 414,937	29,967	29,506	76	81	43 265	9 605,591	58 363,085	6,076	5,614
27	32	98 049	57 443,422	1 698 770,871	29,573	29,111	77	82	39 491	8 595,803	48 757,495	5,672	5,211
28	33	97 953	56 261,484	1 641 327,449	29,173	28,712	78	83	35 569	7 590,328	40 161,692	5,291	4,830
29	34	97 858	55 105,016	1 585 065,965	28,764	28,303	79	84	31 578	6 606,418	32 571,364	4,930	4,469
30	35	97 752	53 966,067	1 529 960,949	28,350	27,889	80	85	27 570	5 654,876	25 964,946	4,592	4,130
31	36	97 651	52 853,022	1 475 994,882	27,926	27,465	81	86	23 643	4 754,398	20 310,070	4,272	3,810
32	37	97 535	51 755,098	1 423 141,860	27,498	27,036	82	87	19 855	3 914,401	15 555,672	3,974	3,512
33	38	97 411	50 675,933	1 371 386,762	27,062	26,600	83	88	16 283	3 147,175	11 641,271	3,699	3,237
34	39	97 282	49 616,726	1 320 710,829	26,618	26,157	84	89	13 036	2 470,095	8 494,096	3,439	2,977
35	40	97 141	48 573,111	1 271 094,103	26,169	25,707	85	90	10 092	1 874,820	6 024,001	3,213	2,751
36	41	96 991	47 547,093	1 222 520,993	25,712	25,250	86	91	7 603	1 384,768	4 149,181	2,996	2,535
37	42	96 828	46 536,408	1 174 973,900	25,248	24,787	87	92	5 496	981,400	2 764,413	2,817	2,355
38	43	96 650	45 540,067	1 128 437,492	24,779	24,317	88	93	3 853	674,587	1 783,013	2,643	2,182
39	44	96 445	44 552,384	1 082 897,425	24,306	23,845	89	94	2 602	446,534	1 108,426	2,482	2,021
40	45	96 226	43 579,663	1 038 345,041	23,826	23,365	90	95	1 677	282,206	661,892	2,345	1,884
41	46	95 980	42 616,191	994 765,379	23,342	22,881	91	96	1 043	172,112	379,685	2,206	1,744
42	47	95 714	41 664,567	952 149,188	22,853	22,391	92	97	614	99,280	207,573	2,091	1,629
43	48	95 411	40 718,454	910 484,621	22,360	21,899	93	98	344	54,554	108,293	1,985	1,523
44	49	95 072	39 778,397	869 766,167	21,865	21,404	94	99	183	28,441	53,739	1,890	1,428
45	50	94 688	38 840,758	829 987,770	21,369	20,907	95	100	92	14,030	25,298	1,803	1,341
46	51	94 270	37 911,128	791 147,012	20,868	20,407							
47	52	93 807	36 985,120	753 235,884	20,366	19,904							
48	53	93 279	36 055,991	716 250,763	19,865	19,403							
49	54	92 701	35 129,700	680 194,772	19,362	18,901							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	6	99 610	99 610,498	3 774 885,833	37,896	37,435	50	56	91 747	34 086,733	633 699,091	18,591	18,129
1	7	99 217	97 271,158	3 675 275,335	37,784	37,322	51	57	91 036	33 159,110	599 612,358	18,083	17,621
2	8	99 176	95 324,494	3 578 004,177	37,535	37,073	52	58	90 243	32 225,821	566 453,248	17,578	17,116
3	9	99 150	93 430,866	3 482 679,682	37,275	36,814	53	59	89 395	31 297,078	534 227,428	17,070	16,608
4	10	99 129	91 579,833	3 389 248,816	37,009	36,547	54	60	88 482	30 369,957	502 930,350	16,560	16,099
5	11	99 109	89 765,855	3 297 668,984	36,736	36,275	55	61	87 460	29 430,606	472 560,393	16,057	15,595
6	12	99 090	87 989,196	3 207 903,128	36,458	35,996	56	62	86 369	28 493,618	443 129,787	15,552	15,090
7	13	99 072	86 247,860	3 119 913,933	36,174	35,712	57	63	85 198	27 556,377	414 636,169	15,047	14,585
8	14	99 055	84 542,185	3 033 666,073	35,883	35,422	58	64	83 944	26 618,142	387 079,791	14,542	14,080
9	15	99 036	82 868,608	2 949 123,888	35,588	35,126	59	65	82 594	25 676,616	360 461,650	14,039	13,577
10	16	99 015	81 227,134	2 866 255,280	35,287	34,825	60	66	81 167	24 738,201	334 785,034	13,533	13,072
11	17	98 991	79 615,076	2 785 028,146	34,981	34,520	61	67	79 636	23 795,792	310 046,833	13,029	12,568
12	18	98 967	78 034,773	2 705 413,071	34,669	34,208	62	68	78 028	22 858,063	286 251,041	12,523	12,061
13	19	98 933	76 478,693	2 627 378,298	34,354	33,893	63	69	76 344	21 926,199	263 392,978	12,013	11,551
14	20	98 902	74 955,312	2 550 899,604	34,032	33,571	64	70	74 578	20 999,050	241 466,779	11,499	11,037
15	21	98 865	73 458,259	2 475 944,293	33,705	33,244	65	71	72 673	20 061,564	220 467,729	10,990	10,528
16	22	98 827	71 990,010	2 402 486,033	33,372	32,911	66	72	70 657	19 122,561	200 406,165	10,480	10,018
17	23	98 779	70 544,284	2 330 496,023	33,036	32,574	67	73	68 483	18 170,570	181 283,603	9,977	9,515
18	24	98 723	69 121,828	2 259 951,739	32,695	32,234	68	74	66 164	17 211,261	163 113,033	9,477	9,016
19	25	98 656	67 720,179	2 190 829,911	32,351	31,890	69	75	63 690	16 242,711	145 901,772	8,983	8,521
20	26	98 586	66 345,290	2 123 109,732	32,001	31,539	70	76	61 018	15 256,186	129 659,061	8,499	8,037
21	27	98 509	64 994,030	2 056 764,443	31,645	31,184	71	77	58 168	14 258,501	114 402,875	8,023	7,562
22	28	98 430	63 668,093	1 991 770,413	31,284	30,822	72	78	55 146	13 252,569	100 144,374	7,557	7,095
23	29	98 352	62 370,755	1 928 102,319	30,914	30,452	73	79	51 930	12 235,142	86 891,806	7,102	6,640
24	30	98 273	61 098,297	1 865 731,564	30,537	30,075	74	80	48 551	11 214,684	74 656,664	6,657	6,195
25	31	98 190	59 849,829	1 804 633,268	30,153	29,691	75	81	44 948	10 178,771	63 441,979	6,233	5,771
26	32	98 106	58 626,355	1 744 783,439	29,761	29,299	76	82	41 206	9 148,457	53 263,208	5,822	5,360
27	33	98 015	57 423,060	1 686 157,084	29,364	28,902	77	83	37 313	8 121,794	44 114,751	5,432	4,970
28	34	97 917	56 240,913	1 628 734,024	28,960	28,498	78	84	33 339	7 114,326	35 992,958	5,059	4,598
29	35	97 816	55 081,609	1 572 493,112	28,548	28,087	79	85	29 294	6 128,670	28 878,631	4,712	4,250
30	36	97 713	53 944,601	1 517 411,502	28,129	27,667	80	86	25 288	5 186,908	22 749,961	4,386	3,924
31	37	97 604	52 827,906	1 463 466,901	27,703	27,241	81	87	21 416	4 306,426	17 563,052	4,078	3,617
32	38	97 483	51 727,477	1 410 638,996	27,271	26,809	82	88	17 705	3 490,505	13 256,627	3,798	3,336
33	39	97 357	50 647,721	1 358 911,519	26,831	26,369	83	89	14 292	2 762,316	9 766,122	3,535	3,074
34	40	97 218	49 583,902	1 308 263,798	26,385	25,923	84	90	11 191	2 120,535	7 003,806	3,303	2,841
35	41	97 072	48 538,807	1 258 679,896	25,931	25,470	85	91	8 530	1 584,606	4 883,272	3,082	2,620
36	42	96 913	47 508,984	1 210 141,089	25,472	25,010	86	92	6 252	1 138,713	3 298,665	2,897	2,435
37	43	96 741	46 494,986	1 162 632,105	25,006	24,544	87	93	4 456	795,694	2 159,952	2,715	2,253
38	44	96 551	45 493,437	1 116 137,118	24,534	24,072	88	94	3 055	534,777	1 364,258	2,551	2,089
39	45	96 336	44 502,344	1 070 643,682	24,058	23,597	89	95	2 014	345,670	829,481	2,400	1,938
40	46	96 103	43 524,350	1 026 141,337	23,576	23,115	90	96	1 266	213,050	483,811	2,271	1,809
41	47	95 845	42 556,140	982 616,987	23,090	22,628	91	97	767	126,553	270,761	2,140	1,678
42	48	95 557	41 596,440	940 060,847	22,600	22,138	92	98	439	71,008	144,208	2,031	1,569
43	49	95 242	40 646,446	898 464,407	22,104	21,643	93	99	239	37,905	73,200	1,931	1,470
44	50	94 877	39 696,547	857 817,961	21,609	21,148	94	100	123	19,172	35,295	1,841	1,379
45	51	94 480	38 755,192	818 121,414	21,110	20,648							
46	52	94 040	37 818,367	779 366,222	20,608	20,147							
47	53	93 549	36 883,583	741 547,854	20,105	19,643							
48	54	92 999	35 947,587	704 664,272	19,603	19,141							
49	55	92 405	35 017,593	668 716,684	19,097	18,635							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	7	99 602	99 601,823	3 761 147,075	37,762	37,300	50	57	91 401	33 958,151	621 692,475	18,308	17,846
1	8	99 208	97 262,810	3 661 545,252	37,646	37,184	51	58	90 672	33 026,587	587 734,324	17,796	17,334
2	9	99 168	95 317,474	3 564 282,443	37,394	36,932	52	59	89 845	32 083,630	554 707,737	17,289	16,828
3	10	99 143	93 424,421	3 468 964,969	37,131	36,670	53	60	88 973	31 149,292	522 624,107	16,778	16,316
4	11	99 122	91 573,333	3 375 540,548	36,862	36,400	54	61	88 005	30 206,283	491 474,815	16,271	15,809
5	12	99 101	89 758,677	3 283 967,215	36,587	36,125	55	62	86 957	29 261,477	461 268,532	15,764	15,302
6	13	99 082	87 982,113	3 194 208,538	36,305	35,844	56	63	85 824	28 313,891	432 007,055	15,258	14,796
7	14	99 063	86 240,134	3 106 226,425	36,018	35,557	57	64	84 624	27 370,706	403 693,164	14,749	14,287
8	15	99 044	84 533,021	3 019 986,291	35,726	35,264	58	65	83 327	26 422,514	376 322,458	14,242	13,781
9	16	99 023	82 858,184	2 935 453,270	35,427	34,966	59	66	81 949	25 476,084	349 899,944	13,734	13,273
10	17	99 000	81 214,635	2 852 595,086	35,124	34,663	60	67	80 472	24 526,584	324 423,860	13,227	12,766
11	18	98 975	79 602,300	2 771 380,450	34,815	34,354	61	68	78 909	23 578,481	299 897,275	12,719	12,257
12	19	98 944	78 016,949	2 691 778,151	34,502	34,041	62	69	77 270	22 636,097	276 318,794	12,207	11,745
13	20	98 913	76 462,897	2 613 761,202	34,183	33,722	63	70	75 533	21 693,309	253 682,697	11,694	11,232
14	21	98 880	74 938,672	2 537 298,304	33,858	33,397	64	71	73 713	20 755,362	231 989,388	11,177	10,716
15	22	98 844	73 442,885	2 462 359,632	33,528	33,066	65	72	71 738	19 803,228	211 234,026	10,667	10,205
16	23	98 805	71 973,861	2 388 916,747	33,191	32,730	66	73	69 634	18 845,710	191 430,798	10,158	9,696
17	24	98 756	70 528,159	2 316 942,886	32,851	32,390	67	74	67 369	17 875,095	172 585,088	9,655	9,193
18	25	98 703	69 107,856	2 246 414,727	32,506	32,044	68	75	64 933	16 891,002	154 709,993	9,159	8,698
19	26	98 634	67 705,282	2 177 306,871	32,159	31,697	69	76	62 323	15 894,176	137 818,991	8,671	8,209
20	27	98 562	66 329,588	2 109 601,589	31,805	31,343	70	77	59 524	14 882,519	121 924,815	8,192	7,731
21	28	98 483	64 976,569	2 043 272,001	31,446	30,985	71	78	56 556	13 863,202	107 042,296	7,721	7,260
22	29	98 405	63 651,994	1 978 295,432	31,080	30,618	72	79	53 377	12 827,582	93 179,094	7,264	6,802
23	30	98 324	62 352,860	1 914 643,439	30,707	30,245	73	80	50 045	11 790,934	80 351,512	6,815	6,353
24	31	98 245	61 081,004	1 852 290,579	30,325	29,864	74	81	46 523	10 746,297	68 560,578	6,380	5,918
25	32	98 160	59 831,753	1 791 209,575	29,937	29,476	75	82	42 809	9 694,359	57 814,281	5,964	5,502
26	33	98 072	58 605,573	1 731 377,822	29,543	29,081	76	83	38 934	8 643,972	48 119,922	5,567	5,105
27	34	97 979	57 402,064	1 672 772,249	29,141	28,680	77	84	34 973	7 612,463	39 475,950	5,186	4,724
28	35	97 875	56 217,023	1 615 370,185	28,735	28,273	78	85	30 928	6 599,849	31 863,487	4,828	4,366
29	36	97 777	55 059,700	1 559 153,162	28,318	27,856	79	86	26 870	5 621,495	25 263,638	4,494	4,033
30	37	97 667	53 918,966	1 504 093,462	27,895	27,434	80	87	22 906	4 698,184	19 642,144	4,181	3,719
31	38	97 552	52 799,712	1 450 174,496	27,466	27,004	81	88	19 096	3 840,076	14 943,960	3,892	3,430
32	39	97 428	51 698,679	1 397 374,784	27,029	26,568	82	89	15 540	3 063,661	11 103,884	3,624	3,163
33	40	97 292	50 614,215	1 345 676,105	26,587	26,125	83	90	12 269	2 371,401	8 040,223	3,390	2,929
34	41	97 149	49 548,884	1 295 061,889	26,137	25,675	84	91	9 458	1 792,285	5 668,822	3,163	2,701
35	42	96 994	48 499,903	1 245 513,005	25,681	25,219	85	92	7 014	1 303,043	3 876,536	2,975	2,513
36	43	96 827	47 466,697	1 197 013,102	25,218	24,756	86	93	5 069	923,239	2 573,493	2,787	2,326
37	44	96 642	46 447,378	1 149 546,404	24,749	24,288	87	94	3 533	630,784	1 650,254	2,616	2,155
38	45	96 442	45 442,340	1 103 099,026	24,275	23,813	88	95	2 365	413,980	1 019,470	2,463	2,001
39	46	96 214	44 445,861	1 057 656,686	23,797	23,335	89	96	1 521	260,962	605,490	2,320	1,859
40	47	95 968	43 463,019	1 013 210,825	23,312	22,850	90	97	931	156,655	344,528	2,199	1,738
41	48	95 688	42 486,556	969 747,806	22,825	22,363	91	98	549	90,515	187,873	2,076	1,614
42	49	95 388	41 522,880	927 261,250	22,331	21,870	92	99	305	49,337	97,358	1,973	1,512
43	50	95 046	40 562,810	885 738,370	21,836	21,375	93	100	161	25,551	48,021	1,879	1,418
44	51	94 668	39 609,096	845 175,560	21,338	20,876							
45	52	94 248	38 660,366	805 566,465	20,837	20,375							
46	53	93 781	37 714,542	766 906,098	20,334	19,873							
47	54	93 268	36 772,691	729 191,556	19,830	19,368							
48	55	92 702	35 832,871	692 418,866	19,324	18,862							
49	56	92 077	34 893,520	656 585,995	18,817	18,355							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	8	99 593	99 593,274	3 746 605,940	37,619	37,157	50	58	91 036	33 822,435	609 043,423	18,007	17,545
1	9	99 201	97 255,647	3 647 012,666	37,499	37,038	51	59	90 272	32 880,863	575 220,989	17,494	17,032
2	10	99 161	95 310,899	3 549 757,019	37,244	36,782	52	60	89 420	31 932,131	542 340,125	16,984	16,523
3	11	99 136	93 417,790	3 454 446,120	36,978	36,517	53	61	88 493	30 981,418	510 407,994	16,475	16,013
4	12	99 114	91 566,010	3 361 028,330	36,706	36,244	54	62	87 499	30 032,696	479 426,577	15,963	15,502
5	13	99 093	89 751,452	3 269 462,320	36,428	35,966	55	63	86 409	29 076,906	449 393,881	15,455	14,994
6	14	99 073	87 974,232	3 179 710,868	36,144	35,682	56	64	85 246	28 123,116	420 316,975	14,946	14,484
7	15	99 052	86 230,787	3 091 736,636	35,854	35,393	57	65	84 002	27 169,548	392 193,859	14,435	13,973
8	16	99 031	84 522,388	3 005 505,850	35,559	35,097	58	66	82 676	26 216,158	365 024,312	13,924	13,462
9	17	99 008	82 845,434	2 920 983,462	35,258	34,797	59	67	81 248	25 258,155	338 808,154	13,414	12,952
10	18	98 984	81 201,603	2 838 138,028	34,952	34,490	60	68	79 738	24 302,600	313 549,999	12,902	12,440
11	19	98 953	79 584,118	2 756 936,425	34,642	34,180	61	69	78 143	23 349,519	289 247,398	12,388	11,926
12	20	98 924	78 000,836	2 677 352,307	34,325	33,863	62	70	76 450	22 395,667	265 897,879	11,873	11,411
13	21	98 891	76 445,923	2 599 351,472	34,002	33,541	63	71	74 656	21 441,565	243 502,212	11,357	10,895
14	22	98 859	74 922,988	2 522 905,548	33,673	33,212	64	72	72 763	20 488,091	222 060,647	10,839	10,377
15	23	98 822	73 426,410	2 447 982,560	33,339	32,878	65	73	70 699	19 516,522	201 572,556	10,328	9,867
16	24	98 782	71 957,409	2 374 556,150	32,999	32,538	66	74	68 502	18 539,256	182 056,034	9,820	9,358
17	25	98 736	70 513,902	2 302 598,741	32,655	32,193	67	75	66 115	17 542,483	163 516,778	9,321	8,860
18	26	98 681	69 092,654	2 232 084,839	32,306	31,844	68	76	63 540	16 528,556	145 974,295	8,832	8,370
19	27	98 610	67 689,258	2 162 992,185	31,955	31,493	69	77	60 797	15 504,883	129 445,739	8,349	7,887
20	28	98 536	66 311,769	2 095 302,927	31,598	31,136	70	78	57 873	14 469,921	113 940,856	7,874	7,413
21	29	98 458	64 960,138	2 028 991,158	31,234	30,773	71	79	54 742	13 418,634	99 470,935	7,413	6,951
22	30	98 376	63 633,731	1 964 031,020	30,865	30,403	72	80	51 439	12 361,865	86 052,301	6,961	6,499
23	31	98 296	62 335,212	1 900 397,289	30,487	30,025	73	81	47 955	11 298,479	73 690,437	6,522	6,061
24	32	98 215	61 062,556	1 838 062,077	30,101	29,640	74	82	44 309	10 234,877	62 391,958	6,096	5,634
25	33	98 126	59 810,544	1 776 999,521	29,710	29,249	75	83	40 448	9 159,771	52 157,081	5,694	5,233
26	34	98 036	58 584,145	1 717 188,978	29,311	28,850	76	84	36 492	8 101,895	42 997,311	5,307	4,845
27	35	97 937	57 377,681	1 658 604,833	28,907	28,445	77	85	32 444	7 061,962	34 895,416	4,941	4,480
28	36	97 836	56 194,662	1 601 227,152	28,494	28,033	78	86	28 368	6 053,681	27 833,453	4,598	4,136
29	37	97 731	55 033,535	1 545 032,489	28,074	27,613	79	87	24 338	5 091,822	21 779,773	4,277	3,816
30	38	97 615	53 890,190	1 489 998,954	27,649	27,187	80	88	20 425	4 189,410	16 687,951	3,983	3,522
31	39	97 498	52 770,318	1 436 108,764	27,214	26,753	81	89	16 761	3 370,484	12 498,541	3,708	3,247
32	40	97 364	51 664,478	1 383 338,446	26,775	26,314	82	90	13 341	2 630,101	9 128,057	3,471	3,009
33	41	97 224	50 578,470	1 331 673,968	26,329	25,867	83	91	10 370	2 004,319	6 497,956	3,242	2,780
34	42	97 071	49 509,171	1 281 095,498	25,876	25,414	84	92	7 778	1 473,820	4 493,637	3,049	2,587
35	43	96 908	48 456,734	1 231 586,327	25,416	24,955	85	93	5 687	1 056,474	3 019,816	2,858	2,397
36	44	96 728	47 418,094	1 183 129,593	24,951	24,489	86	94	4 018	731,895	1 963,343	2,683	2,221
37	45	96 534	46 395,211	1 135 711,498	24,479	24,017	87	95	2 735	488,301	1 231,448	2,522	2,060
38	46	96 320	45 384,664	1 089 316,288	24,002	23,540	88	96	1 785	312,533	743,147	2,378	1,916
39	47	96 078	44 383,231	1 043 931,624	23,521	23,059	89	97	1 118	191,884	430,614	2,244	1,783
40	48	95 811	43 391,952	999 548,393	23,035	22,574	90	98	666	112,044	238,730	2,131	1,669
41	49	95 519	42 411,421	956 156,441	22,545	22,083	91	99	381	62,890	126,686	2,014	1,553
42	50	95 192	41 437,441	913 745,019	22,051	21,590	92	100	206	33,258	63,795	1,918	1,457
43	51	94 837	40 473,450	872 307,579	21,553	21,091							
44	52	94 436	39 512,180	831 834,129	21,053	20,591							
45	53	93 990	38 554,229	792 321,949	20,551	20,089							
46	54	93 499	37 601,152	753 767,719	20,046	19,585							
47	55	92 971	36 655,341	716 166,568	19,538	19,076							
48	56	92 374	35 705,909	679 511,227	19,031	18,569							
49	57	91 730	34 761,895	643 805,318	18,520	18,059							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	9	99 586	99 585,940	3 731 252,363	37,468	37,006	50	59	90 634	33 673,200	595 752,729	17,692	17,231
1	10	99 194	97 248,938	3 631 666,423	37,344	36,882	51	60	89 846	32 725,599	562 079,530	17,176	16,714
2	11	99 154	95 304,134	3 534 417,485	37,086	36,624	52	61	88 939	31 760,037	529 353,930	16,667	16,206
3	12	99 128	93 410,320	3 439 113,351	36,817	36,356	53	62	87 985	30 803,376	497 593,893	16,154	15,692
4	13	99 106	91 558,639	3 345 703,031	36,542	36,080	54	63	86 947	29 843,260	466 790,517	15,641	15,180
5	14	99 084	89 743,412	3 254 144,392	36,261	35,799	55	64	85 827	28 880,990	436 947,256	15,129	14,668
6	15	99 063	87 964,696	3 164 400,980	35,974	35,512	56	65	84 619	27 916,427	408 066,266	14,617	14,156
7	16	99 040	86 219,940	3 076 436,284	35,681	35,220	57	66	83 346	26 957,357	380 149,839	14,102	13,640
8	17	99 016	84 509,382	2 990 216,344	35,383	34,922	58	67	81 969	25 991,898	353 192,482	13,589	13,127
9	18	98 992	82 832,140	2 905 706,962	35,079	34,618	59	68	80 506	25 027,490	327 200,584	13,074	12,612
10	19	98 962	81 183,055	2 822 874,822	34,772	34,310	60	69	78 963	24 066,607	302 173,094	12,556	12,094
11	20	98 932	79 567,680	2 741 691,767	34,457	33,996	61	70	77 313	23 101,512	278 106,488	12,038	11,577
12	21	98 902	77 983,520	2 662 124,086	34,137	33,675	62	71	75 562	22 135,772	255 004,976	11,520	11,058
13	22	98 870	76 429,924	2 584 140,566	33,811	33,349	63	72	73 695	21 165,457	232 869,204	11,002	10,541
14	23	98 837	74 906,181	2 507 710,642	33,478	33,016	64	73	71 710	20 191,471	211 703,747	10,485	10,023
15	24	98 800	73 409,626	2 432 804,461	33,140	32,679	65	74	69 549	19 199,160	191 512,276	9,975	9,513
16	25	98 762	71 942,864	2 359 394,835	32,795	32,334	66	75	67 227	18 194,286	172 313,116	9,471	9,009
17	26	98 715	70 498,391	2 287 451,972	32,447	31,985	67	76	64 697	17 166,058	154 118,830	8,978	8,517
18	27	98 658	69 076,302	2 216 953,581	32,094	31,633	68	77	61 984	16 123,725	136 952,772	8,494	8,032
19	28	98 584	67 671,074	2 147 877,279	31,740	31,278	69	78	59 111	15 075,030	120 829,047	8,015	7,554
20	29	98 511	66 295,000	2 080 206,205	31,378	30,916	70	79	56 017	14 005,896	105 754,017	7,551	7,089
21	30	98 430	64 941,500	2 013 911,205	31,011	30,550	71	80	52 755	12 931,458	91 748,121	7,095	6,633
22	31	98 349	63 615,720	1 948 969,705	30,637	30,175	72	81	49 291	11 845,564	78 816,663	6,654	6,192
23	32	98 267	62 316,385	1 885 353,985	30,255	29,793	73	82	45 673	10 760,780	66 971,099	6,224	5,762
24	33	98 180	61 040,911	1 823 037,600	29,866	29,404	74	83	41 866	9 670,481	56 210,319	5,813	5,351
25	34	98 090	59 788,675	1 761 996,689	29,470	29,009	75	84	37 911	8 585,347	46 539,838	5,421	4,959
26	35	97 994	58 559,260	1 702 208,014	29,068	28,607	76	85	33 853	7 516,000	37 954,491	5,050	4,588
27	36	97 898	57 354,859	1 643 648,754	28,658	28,196	77	86	29 759	6 477,552	30 438,490	4,699	4,237
28	37	97 790	56 167,958	1 586 293,895	28,242	27,780	78	87	25 695	5 483,286	23 960,938	4,370	3,908
29	38	97 679	55 004,164	1 530 125,937	27,818	27,357	79	88	21 702	4 540,421	18 477,652	4,070	3,608
30	39	97 560	53 860,189	1 475 121,773	27,388	26,926	80	89	17 927	3 677,099	13 937,231	3,790	3,329
31	40	97 433	52 735,408	1 421 261,584	26,951	26,489	81	90	14 389	2 893,503	10 260,132	3,546	3,084
32	41	97 295	51 627,991	1 368 526,176	26,507	26,046	82	91	11 276	2 222,973	7 366,628	3,314	2,852
33	42	97 146	50 537,932	1 316 898,185	26,058	25,596	83	92	8 527	1 648,178	5 143,656	3,121	2,659
34	43	96 985	49 465,104	1 266 360,253	25,601	25,139	84	93	6 306	1 194,935	3 495,477	2,925	2,464
35	44	96 809	48 407,118	1 216 895,150	25,139	24,677	85	94	4 508	837,517	2 300,542	2,747	2,285
36	45	96 619	47 364,836	1 168 488,032	24,670	24,208	86	95	3 111	566,573	1 463,025	2,582	2,121
37	46	96 411	46 336,324	1 121 123,196	24,195	23,734	87	96	2 065	368,641	896,452	2,432	1,970
38	47	96 184	45 320,712	1 074 786,871	23,715	23,254	88	97	1 313	229,804	527,811	2,297	1,835
39	48	95 921	44 310,660	1 029 466,160	23,233	22,771	89	98	800	137,241	298,008	2,171	1,710
40	49	95 642	43 315,217	985 155,500	22,744	22,282	90	99	463	77,849	160,766	2,065	1,603
41	50	95 322	42 324,153	941 840,284	22,253	21,791	91	100	257	42,394	82,917	1,956	1,494
42	51	94 982	41 346,154	899 516,130	21,756	21,294							
43	52	94 605	40 374,420	858 169,977	21,255	20,794							
44	53	94 177	39 403,705	817 795,557	20,754	20,293							
45	54	93 707	38 438,314	778 391,852	20,250	19,789							
46	55	93 201	37 481,158	739 953,538	19,742	19,280							
47	56	92 641	36 525,465	702 472,380	19,232	18,771							
48	57	92 025	35 571,219	665 946,915	18,722	18,260							
49	58	91 363	34 622,967	630 375,696	18,207	17,745							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	10	99 579	99 579,070	3 715 077,563	37,308	36,846	50	60	90 206	33 514,194	581 830,341	17,361	16,899
1	11	99 187	97 242,036	3 615 498,493	37,180	36,719	51	61	89 361	32 549,229	548 316,147	16,846	16,384
2	12	99 146	95 296,513	3 518 256,457	36,919	36,457	52	62	88 427	31 577,522	515 766,918	16,333	15,872
3	13	99 120	93 402,800	3 422 959,944	36,647	36,186	53	63	87 430	30 609,080	484 189,396	15,818	15,357
4	14	99 097	91 550,438	3 329 557,144	36,369	35,907	54	64	86 361	29 642,181	453 580,316	15,302	14,840
5	15	99 073	89 733,685	3 238 006,706	36,085	35,623	55	65	85 196	28 668,732	423 938,135	14,787	14,326
6	16	99 050	87 953,631	3 148 273,021	35,795	35,333	56	66	83 958	27 698,403	395 269,404	14,270	13,809
7	17	99 024	86 206,673	3 060 319,390	35,500	35,038	57	67	82 633	26 726,757	367 571,000	13,753	13,291
8	18	99 000	84 495,821	2 974 112,717	35,198	34,737	58	68	81 220	25 754,532	340 844,244	13,234	12,773
9	19	98 969	82 813,220	2 889 616,896	34,893	34,432	59	69	79 724	24 784,458	315 089,712	12,713	12,252
10	20	98 941	81 166,288	2 806 803,676	34,581	34,119	60	70	78 125	23 810,983	290 305,254	12,192	11,730
11	21	98 910	79 550,017	2 725 637,388	34,263	33,802	61	71	76 416	22 833,425	266 494,272	11,671	11,210
12	22	98 881	77 967,199	2 646 087,371	33,938	33,477	62	72	74 589	21 850,725	243 660,846	11,151	10,690
13	23	98 848	76 412,778	2 568 120,172	33,609	33,147	63	73	72 628	20 859,030	221 810,121	10,634	10,172
14	24	98 815	74 889,059	2 491 707,394	33,272	32,810	64	74	70 544	19 863,133	200 951,092	10,117	9,655
15	25	98 780	73 394,787	2 416 818,335	32,929	32,467	65	75	68 255	18 841,911	181 087,958	9,611	9,149
16	26	98 740	71 927,038	2 343 423,548	32,581	32,119	66	76	65 785	17 803,875	162 246,048	9,113	8,651
17	27	98 691	70 481,706	2 271 496,510	32,228	31,767	67	77	63 112	16 745,613	144 442,173	8,626	8,164
18	28	98 631	69 057,745	2 201 014,804	31,872	31,410	68	78	60 265	15 676,716	127 696,560	8,146	7,684
19	29	98 559	67 653,962	2 131 957,059	31,513	31,051	69	79	57 216	14 591,600	112 019,845	7,677	7,215
20	30	98 483	66 275,979	2 064 303,098	31,147	30,685	70	80	53 984	13 497,399	97 428,245	7,218	6,757
21	31	98 402	64 923,120	1 998 027,119	30,775	30,314	71	81	50 551	12 391,368	83 930,846	6,773	6,312
22	32	98 319	63 596,507	1 933 103,999	30,396	29,935	72	82	46 945	11 281,830	71 539,478	6,341	5,880
23	33	98 232	62 294,296	1 869 507,493	30,011	29,549	73	83	43 154	10 167,384	60 257,648	5,927	5,465
24	34	98 145	61 018,592	1 807 213,197	29,617	29,156	74	84	39 240	9 064,030	50 090,264	5,526	5,065
25	35	98 048	59 763,278	1 746 194,605	29,219	28,757	75	85	35 170	7 964,492	41 026,234	5,151	4,690
26	36	97 955	58 535,967	1 686 431,327	28,810	28,349	76	86	31 052	6 894,017	33 061,742	4,796	4,334
27	37	97 852	57 327,603	1 627 895,359	28,396	27,935	77	87	26 955	5 867,220	26 167,726	4,460	3,998
28	38	97 738	56 137,982	1 570 567,756	27,977	27,515	78	88	22 913	4 889,493	20 300,506	4,152	3,690
29	39	97 624	54 973,543	1 514 429,774	27,548	27,087	79	89	19 049	3 985,186	15 411,013	3,867	3,405
30	40	97 496	53 824,558	1 459 456,231	27,115	26,653	80	90	15 390	3 156,727	11 425,828	3,620	3,158
31	41	97 365	52 698,164	1 405 631,674	26,673	26,212	81	91	12 162	2 445,602	8 269,100	3,381	2,920
32	42	97 217	51 586,612	1 352 933,509	26,226	25,765	82	92	9 272	1 827,981	5 823,499	3,186	2,724
33	43	97 059	50 492,949	1 301 346,898	25,773	25,311	83	93	6 914	1 336,300	3 995,518	2,990	2,528
34	44	96 886	49 414,455	1 250 853,949	25,314	24,852	84	94	4 999	947,282	2 659,218	2,807	2,346
35	45	96 700	48 352,749	1 201 439,495	24,847	24,386	85	95	3 490	648,336	1 711,936	2,641	2,179
36	46	96 496	47 304,719	1 153 086,746	24,376	23,914	86	96	2 348	427,732	1 063,600	2,487	2,025
37	47	96 275	46 271,031	1 105 782,026	23,898	23,436	87	97	1 518	271,060	635,868	2,346	1,884
38	48	96 027	45 246,607	1 059 510,995	23,416	22,955	88	98	939	164,362	364,808	2,220	1,758
39	49	95 752	44 232,299	1 014 264,388	22,930	22,469	89	99	556	95,356	200,446	2,102	1,640
40	50	95 445	43 226,089	970 032,089	22,441	21,979	90	100	312	52,478	105,089	2,003	1,541
41	51	95 112	42 230,913	926 806,000	21,946	21,485							
42	52	94 750	41 244,988	884 575,087	21,447	20,985							
43	53	94 345	40 263,577	843 330,098	20,945	20,484							
44	54	93 894	39 285,236	803 066,521	20,442	19,980							
45	55	93 408	38 315,649	763 781,285	19,934	19,472							
46	56	92 871	37 348,356	725 465,636	19,424	18,963							
47	57	92 292	36 387,683	688 117,280	18,911	18,449							
48	58	91 657	35 429,056	651 729,597	18,395	17,934							
49	59	90 960	34 470,199	616 300,540	17,879	17,418							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	11	99 572	99 572,003	3 698 075,653	37,140	36,678	50	61	89 720	33 333,574	567 284,902	17,018	16,557
1	12	99 179	97 234,260	3 598 503,650	37,009	36,547	51	62	88 848	32 362,179	533 951,328	16,499	16,038
2	13	99 139	95 288,842	3 501 269,390	36,744	36,282	52	63	87 870	31 378,342	501 589,150	15,985	15,524
3	14	99 111	93 394,434	3 405 980,548	36,469	36,007	53	64	86 841	30 402,840	470 210,808	15,466	15,004
4	15	99 086	91 540,515	3 312 586,114	36,187	35,725	54	65	85 727	29 424,328	439 807,968	14,947	14,485
5	16	99 061	89 722,397	3 221 045,600	35,900	35,439	55	66	84 530	28 444,832	410 383,640	14,427	13,966
6	17	99 035	87 940,098	3 131 323,202	35,607	35,146	56	67	83 240	27 461,464	381 938,807	13,908	13,447
7	18	99 008	86 192,839	3 043 383,105	35,309	34,847	57	68	81 879	26 482,680	354 477,343	13,385	12,924
8	19	98 978	84 476,521	2 957 190,266	35,006	34,544	58	69	80 431	25 504,439	327 994,664	12,860	12,399
9	20	98 949	82 796,116	2 872 713,745	34,696	34,235	59	70	78 877	24 521,209	302 490,224	12,336	11,874
10	21	98 919	81 148,270	2 789 917,629	34,380	33,919	60	71	77 218	23 534,663	277 969,015	11,811	11,349
11	22	98 890	79 533,368	2 708 769,359	34,058	33,597	61	72	75 431	22 539,395	254 434,353	11,288	10,827
12	23	98 859	77 949,709	2 629 235,991	33,730	33,268	62	73	73 509	21 534,376	231 894,958	10,769	10,307
13	24	98 825	76 395,312	2 551 286,282	33,396	32,934	63	74	71 447	20 519,837	210 360,581	10,252	9,790
14	25	98 795	74 873,921	2 474 890,970	33,054	32,593	64	75	69 231	19 493,529	189 840,744	9,739	9,277
15	26	98 758	73 378,642	2 400 017,049	32,707	32,246	65	76	66 791	18 437,602	170 347,215	9,239	8,778
16	27	98 717	71 910,015	2 326 638,408	32,355	31,893	66	77	64 174	17 367,808	151 909,613	8,747	8,285
17	28	98 665	70 462,771	2 254 728,393	31,999	31,537	67	78	61 362	16 281,362	134 541,805	8,264	7,802
18	29	98 607	69 040,282	2 184 265,621	31,638	31,176	68	79	58 333	15 173,991	118 260,443	7,794	7,332
19	30	98 531	67 634,550	2 115 225,339	31,274	30,813	69	80	55 138	14 061,839	103 086,452	7,331	6,869
20	31	98 455	66 257,221	2 047 590,789	30,904	30,442	70	81	51 729	12 933,672	89 024,614	6,883	6,422
21	32	98 372	64 903,511	1 981 333,569	30,527	30,066	71	82	48 145	11 801,658	76 090,942	6,447	5,986
22	33	98 284	63 573,963	1 916 430,057	30,145	29,683	72	83	44 357	10 659,701	64 289,283	6,031	5,569
23	34	98 196	62 271,519	1 852 856,094	29,754	29,293	73	84	40 448	9 529,772	53 629,582	5,628	5,166
24	35	98 103	60 992,673	1 790 584,575	29,357	28,896	74	85	36 403	8 408,538	44 099,811	5,245	4,783
25	36	98 009	59 739,507	1 729 591,902	28,952	28,491	75	86	32 259	7 305,393	35 691,252	4,886	4,424
26	37	97 909	58 508,150	1 669 852,395	28,541	28,079	76	87	28 126	6 244,444	28 385,859	4,546	4,084
27	38	97 799	57 297,008	1 611 344,245	28,123	27,661	77	88	24 036	5 231,849	22 141,416	4,232	3,770
28	39	97 683	56 106,729	1 554 047,237	27,698	27,236	78	89	20 111	4 291,571	16 909,566	3,940	3,479
29	40	97 560	54 937,175	1 497 940,508	27,266	26,805	79	90	16 353	3 421,214	12 617,996	3,688	3,227
30	41	97 427	53 786,545	1 443 003,333	26,828	26,367	80	91	13 008	2 668,080	9 196,782	3,447	2,985
31	42	97 287	52 655,927	1 389 216,787	26,383	25,921	81	92	10 001	2 011,051	6 528,702	3,246	2,785
32	43	97 131	51 540,695	1 336 560,860	25,932	25,471	82	93	7 518	1 482,079	4 517,651	3,048	2,587
33	44	96 960	50 441,247	1 285 020,165	25,476	25,014	83	94	5 481	1 059,349	3 035,571	2,866	2,404
34	45	96 777	49 358,954	1 234 578,918	25,012	24,551	84	95	3 870	733,307	1 976,223	2,695	2,233
35	46	96 577	48 291,378	1 185 219,964	24,543	24,081	85	96	2 635	489,459	1 242,915	2,539	2,078
36	47	96 360	47 238,062	1 136 928,586	24,068	23,606	86	97	1 727	314,509	753,457	2,396	1,934
37	48	96 118	46 195,373	1 089 690,524	23,589	23,127	87	98	1 086	193,870	438,947	2,264	1,803
38	49	95 857	45 166,591	1 043 495,151	23,103	22,642	88	99	652	114,200	245,077	2,146	1,684
39	50	95 555	44 141,285	998 328,560	22,617	22,155	89	100	375	64,279	130,877	2,036	1,574
40	51	95 235	43 130,862	954 187,275	22,123	21,661							
41	52	94 880	42 127,583	911 056,413	21,626	21,165							
42	53	94 490	41 131,756	868 928,830	21,125	20,664							
43	54	94 062	40 142,523	827 797,074	20,621	20,160							
44	55	93 594	39 159,868	787 654,551	20,114	19,652							
45	56	93 077	38 179,890	748 494,683	19,604	19,143							
46	57	92 521	37 207,470	710 314,793	19,091	18,629							
47	58	91 923	36 242,258	673 107,323	18,572	18,111							
48	59	91 253	35 272,732	636 865,065	18,055	17,594							
49	60	90 531	34 307,430	601 592,333	17,535	17,074							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	12	99 564	99 564,040	3 680 243,293	36,964	36,502	50	62	89 205	33 142,016	552 139,362	16,660	16,198
1	13	99 171	97 226,432	3 580 679,252	36,828	36,367	51	63	88 287	32 158,049	518 997,346	16,139	15,677
2	14	99 130	95 280,306	3 483 452,820	36,560	36,098	52	64	87 278	31 166,919	486 839,297	15,620	15,159
3	15	99 100	93 384,311	3 388 172,514	36,282	35,820	53	65	86 202	30 179,397	455 672,378	15,099	14,637
4	16	99 074	91 529,000	3 294 788,203	35,997	35,536	54	66	85 057	29 194,528	425 492,981	14,574	14,113
5	17	99 046	89 708,591	3 203 259,203	35,707	35,246	55	67	83 807	28 201,508	396 298,453	14,052	13,591
6	18	99 019	87 925,986	3 113 550,611	35,411	34,949	56	68	82 480	27 210,678	368 096,945	13,528	13,066
7	19	98 986	86 173,152	3 025 624,626	35,111	34,649	57	69	81 084	26 225,516	340 886,267	12,998	12,537
8	20	98 957	84 459,073	2 939 451,474	34,803	34,342	58	70	79 577	25 233,543	314 660,751	12,470	12,008
9	21	98 927	82 777,736	2 854 992,401	34,490	34,028	59	71	77 962	24 236,647	289 427,208	11,942	11,480
10	22	98 899	81 131,286	2 772 214,665	34,169	33,708	60	72	76 224	23 231,602	265 190,561	11,415	10,953
11	23	98 868	79 515,526	2 691 083,379	33,843	33,382	61	73	74 339	22 213,076	241 958,958	10,893	10,431
12	24	98 836	77 931,891	2 611 567,852	33,511	33,049	62	74	72 314	21 184,202	219 745,882	10,373	9,911
13	25	98 806	76 379,870	2 533 635,961	33,172	32,710	63	75	70 118	20 138,013	198 561,681	9,860	9,398
14	26	98 773	74 857,450	2 457 256,092	32,826	32,364	64	76	67 746	19 075,238	178 423,667	9,354	8,892
15	27	98 735	73 361,276	2 382 398,642	32,475	32,013	65	77	65 155	17 986,014	159 348,429	8,860	8,398
16	28	98 691	71 890,696	2 309 037,366	32,119	31,657	66	78	62 394	16 886,308	141 362,416	8,371	7,910
17	29	98 640	70 444,953	2 237 146,670	31,757	31,296	67	79	59 395	15 759,247	124 476,108	7,899	7,437
18	30	98 578	69 020,473	2 166 701,716	31,392	30,931	68	80	56 215	14 623,085	108 716,861	7,435	6,973
19	31	98 503	67 615,408	2 097 681,243	31,024	30,562	69	81	52 835	13 474,538	94 093,776	6,983	6,521
20	32	98 425	66 237,209	2 030 065,836	30,648	30,187	70	82	49 267	12 318,154	80 619,238	6,545	6,083
21	33	98 337	64 880,505	1 963 828,627	30,268	29,807	71	83	45 491	11 150,864	68 301,084	6,125	5,664
22	34	98 248	63 550,719	1 898 948,122	29,881	29,419	72	84	41 575	9 991,214	57 150,220	5,720	5,258
23	35	98 154	62 245,067	1 835 397,403	29,487	29,025	73	85	37 523	8 840,619	47 159,006	5,334	4,873
24	36	98 064	60 968,413	1 773 152,336	29,083	28,622	74	86	33 390	7 712,711	38 318,386	4,968	4,507
25	37	97 962	59 711,126	1 712 183,923	28,674	28,213	75	87	29 220	6 617,059	30 605,675	4,625	4,164
26	38	97 856	58 476,925	1 652 472,805	28,259	27,797	76	88	25 080	5 568,223	23 988,616	4,308	3,847
27	39	97 745	57 265,110	1 593 995,880	27,835	27,374	77	89	21 097	4 592,061	18 420,393	4,011	3,550
28	40	97 619	56 069,612	1 536 730,770	27,408	26,946	78	90	17 265	3 684,240	13 828,331	3,753	3,292
29	41	97 491	54 898,377	1 480 661,158	26,971	26,509	79	91	13 822	2 891,625	10 144,091	3,508	3,046
30	42	97 349	53 743,436	1 425 762,781	26,529	26,067	80	92	10 697	2 193,998	7 252,466	3,306	2,844
31	43	97 200	52 609,059	1 372 019,345	26,080	25,618	81	93	8 108	1 630,508	5 058,468	3,102	2,641
32	44	97 031	51 487,921	1 319 410,287	25,626	25,164	82	94	5 960	1 174,914	3 427,959	2,918	2,456
33	45	96 851	50 384,593	1 267 922,366	25,165	24,703	83	95	4 243	820,060	2 253,045	2,747	2,286
34	46	96 654	49 296,306	1 217 537,772	24,698	24,237	84	96	2 922	553,607	1 432,985	2,588	2,127
35	47	96 441	48 223,330	1 168 241,466	24,226	23,764	85	97	1 937	359,897	879,377	2,443	1,982
36	48	96 203	47 160,822	1 120 018,136	23,749	23,287	86	98	1 235	224,946	519,481	2,309	1,848
37	49	95 948	46 113,680	1 072 857,314	23,265	22,804	87	99	754	134,702	294,535	2,187	1,725
38	50	95 660	45 073,654	1 026 743,634	22,779	22,318	88	100	440	76,982	159,832	2,076	1,615
39	51	95 344	44 044,042	981 669,980	22,288	21,827							
40	52	95 002	43 025,330	937 625,938	21,792	21,331							
41	53	94 619	42 011,927	894 600,609	21,294	20,832							
42	54	94 206	41 008,091	852 588,682	20,791	20,329							
43	55	93 761	40 014,419	811 580,590	20,282	19,821							
44	56	93 263	39 021,118	771 566,171	19,773	19,311							
45	57	92 726	38 035,868	732 545,053	19,259	18,798							
46	58	92 151	37 058,768	694 509,185	18,741	18,279							
47	59	91 517	36 082,346	657 450,417	18,221	17,759							
48	60	90 822	35 106,174	621 368,071	17,700	17,238							
49	61	90 043	34 122,535	586 261,897	17,181	16,719							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	13	99 556	99 556,026	3 661 579,411	36,779	36,317	50	63	88 642	32 932,968	536 407,869	16,288	15,826
1	14	99 162	97 217,723	3 562 023,386	36,640	36,178	51	64	87 692	31 941,373	503 474,901	15,762	15,301
2	15	99 119	95 269,979	3 464 805,662	36,368	35,907	52	65	86 636	30 937,860	471 533,528	15,241	14,780
3	16	99 088	93 372,564	3 369 535,683	36,087	35,625	53	66	85 529	29 943,700	440 595,667	14,714	14,253
4	17	99 059	91 514,916	3 276 163,119	35,799	35,338	54	67	84 330	28 944,790	410 651,968	14,187	13,726
5	18	99 030	89 694,196	3 184 648,203	35,506	35,044	55	68	83 042	27 943,963	381 707,177	13,660	13,198
6	19	98 996	87 905,902	3 094 954,007	35,208	34,746	56	69	81 679	26 946,445	353 763,214	13,128	12,667
7	20	98 965	86 155,353	3 007 048,105	34,903	34,441	57	70	80 223	25 946,961	326 816,769	12,596	12,134
8	21	98 935	84 440,324	2 920 892,752	34,591	34,130	58	71	78 654	24 940,715	300 869,808	12,063	11,602
9	22	98 906	82 760,411	2 836 452,427	34,273	33,811	59	72	76 958	23 924,547	275 929,093	11,533	11,072
10	23	98 876	81 113,086	2 753 692,016	33,949	33,487	60	73	75 120	22 895,262	252 004,545	11,007	10,545
11	24	98 845	79 497,351	2 672 578,930	33,618	33,157	61	74	73 131	21 851,865	229 109,284	10,485	10,023
12	25	98 817	77 916,138	2 593 081,579	33,280	32,819	62	75	70 968	20 790,016	207 257,419	9,969	9,507
13	26	98 784	76 363,068	2 515 165,441	32,937	32,475	63	76	68 613	19 705,893	186 467,403	9,463	9,001
14	27	98 749	74 839,734	2 438 802,374	32,587	32,125	64	77	66 086	18 608,032	166 761,510	8,962	8,500
15	28	98 708	73 341,567	2 363 962,640	32,232	31,771	65	78	63 348	17 487,375	148 153,478	8,472	8,010
16	29	98 666	71 872,517	2 290 621,073	31,871	31,409	66	79	60 394	16 344,793	130 666,104	7,994	7,533
17	30	98 612	70 424,741	2 218 748,555	31,505	31,044	67	80	57 238	15 187,093	114 321,310	7,528	7,066
18	31	98 550	69 000,938	2 148 323,814	31,135	30,673	68	81	53 867	14 012,343	99 134,217	7,075	6,613
19	32	98 473	67 594,986	2 079 322,876	30,761	30,300	69	82	50 321	12 833,280	85 121,874	6,633	6,171
20	33	98 390	66 213,730	2 011 727,890	30,382	29,921	70	83	46 550	11 638,878	72 288,594	6,211	5,749
21	34	98 301	64 856,782	1 945 514,160	29,997	29,535	71	84	42 638	10 451,576	60 649,716	5,803	5,341
22	35	98 206	63 523,724	1 880 657,378	29,606	29,144	72	85	38 568	9 268,692	50 198,140	5,416	4,954
23	36	98 115	62 220,309	1 817 133,654	29,205	28,743	73	86	34 418	8 109,017	40 929,448	5,047	4,586
24	37	98 017	60 939,440	1 754 913,345	28,798	28,336	74	87	30 244	6 985,999	32 820,431	4,698	4,236
25	38	97 910	59 679,251	1 693 973,906	28,385	27,923	75	88	26 056	5 900,487	25 834,432	4,378	3,917
26	39	97 802	58 444,371	1 634 294,655	27,963	27,502	76	89	22 013	4 887,301	19 933,945	4,079	3,617
27	40	97 680	57 227,226	1 575 850,284	27,537	27,075	77	90	18 111	3 942,207	15 046,644	3,817	3,355
28	41	97 550	56 030,014	1 518 623,058	27,104	26,642	78	91	14 592	3 113,936	11 104,437	3,566	3,104
29	42	97 413	54 854,376	1 462 593,044	26,663	26,202	79	92	11 366	2 377,823	7 990,501	3,360	2,899
30	43	97 262	53 695,599	1 407 738,668	26,217	25,755	80	93	8 673	1 778,837	5 612,678	3,155	2,694
31	44	97 100	52 555,190	1 354 043,068	25,764	25,303	81	94	6 428	1 292,581	3 833,841	2,966	2,504
32	45	96 922	51 430,092	1 301 487,878	25,306	24,844	82	95	4 613	909,522	2 541,260	2,794	2,332
33	46	96 728	50 320,644	1 250 057,786	24,842	24,380	83	96	3 203	619,101	1 631,739	2,636	2,174
34	47	96 518	49 226,843	1 199 737,142	24,372	23,910	84	97	2 148	407,065	1 012,638	2,488	2,026
35	48	96 284	48 144,479	1 150 510,300	23,897	23,435	85	98	1 386	257,408	605,573	2,353	1,891
36	49	96 033	47 077,421	1 102 365,821	23,416	22,954	86	99	858	156,294	348,164	2,228	1,766
37	50	95 751	46 018,794	1 055 288,399	22,932	22,470	87	100	509	90,802	191,870	2,113	1,651
38	51	95 449	44 974,357	1 009 269,606	22,441	21,979							
39	52	95 111	43 936,275	964 295,248	21,948	21,486							
40	53	94 741	42 907,209	920 358,973	21,450	20,988							
41	54	94 335	41 885,616	877 451,764	20,949	20,487							
42	55	93 905	40 877,225	835 566,148	20,441	19,979							
43	56	93 429	39 872,642	794 688,922	19,931	19,469							
44	57	92 911	38 873,922	754 816,281	19,417	18,955							
45	58	92 355	37 883,855	715 942,358	18,898	18,437							
46	59	91 744	36 895,254	678 058,503	18,378	17,916							
47	60	91 085	35 911,964	641 163,250	17,854	17,392							
48	61	90 333	34 916,974	605 251,286	17,334	16,872							
49	62	89 525	33 926,443	570 334,312	16,811	16,349							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	14	99 547	99 547,108	3 642 083,313	36,587	36,125	50	64	88 045	32 711,070	520 112,834	15,900	15,439
1	15	99 151	97 207,186	3 542 536,205	36,443	35,982	51	65	87 048	31 706,623	487 401,764	15,372	14,911
2	16	99 106	95 257,995	3 445 329,019	36,168	35,707	52	66	85 960	30 696,240	455 695,141	14,845	14,384
3	17	99 072	93 358,197	3 350 071,024	35,884	35,422	53	67	84 798	29 687,554	424 998,901	14,316	13,854
4	18	99 043	91 500,230	3 256 712,828	35,592	35,131	54	68	83 559	28 680,458	395 311,348	13,783	13,322
5	19	99 007	89 673,709	3 165 212,597	35,297	34,835	55	69	82 236	27 672,610	366 630,890	13,249	12,787
6	20	98 976	87 887,746	3 075 538,889	34,994	34,532	56	70	80 812	26 660,233	338 958,280	12,714	12,252
7	21	98 943	86 136,228	2 987 651,142	34,685	34,224	57	71	79 292	25 645,854	312 298,048	12,177	11,716
8	22	98 915	84 422,652	2 901 514,914	34,369	33,907	58	72	77 641	24 619,549	286 652,194	11,643	11,182
9	23	98 884	82 741,846	2 817 092,263	34,047	33,585	59	73	75 844	23 578,174	262 032,645	11,113	10,652
10	24	98 854	81 094,545	2 734 350,417	33,718	33,256	60	74	73 899	22 522,957	238 454,471	10,587	10,126
11	25	98 825	79 481,281	2 653 255,872	33,382	32,921	61	75	71 770	21 445,255	215 931,513	10,069	9,607
12	26	98 795	77 898,998	2 573 774,591	33,040	32,578	62	76	69 446	20 343,905	194 486,258	9,560	9,098
13	27	98 760	76 344,995	2 495 875,593	32,692	32,230	63	77	66 933	19 223,240	174 142,353	9,059	8,597
14	28	98 723	74 819,628	2 419 530,598	32,338	31,877	64	78	64 254	18 092,148	154 919,113	8,563	8,101
15	29	98 683	73 323,021	2 344 710,969	31,978	31,516	65	79	61 317	16 926,585	136 826,964	8,084	7,622
16	30	98 637	71 851,896	2 271 387,948	31,612	31,150	66	80	58 201	15 751,380	119 900,379	7,612	7,150
17	31	98 584	70 404,809	2 199 536,052	31,241	30,780	67	81	54 848	14 552,796	104 148,999	7,157	6,695
18	32	98 521	68 980,098	2 129 131,244	30,866	30,404	68	82	51 303	13 345,491	89 596,203	6,714	6,252
19	33	98 438	67 571,025	2 060 151,146	30,489	30,027	69	83	47 546	12 125,598	76 250,712	6,288	5,827
20	34	98 354	66 189,520	1 992 580,120	30,104	29,643	70	84	43 631	10 908,985	64 125,115	5,878	5,417
21	35	98 259	64 829,232	1 926 390,600	29,715	29,253	71	85	39 554	9 695,763	53 216,129	5,489	5,027
22	36	98 167	63 498,457	1 861 561,368	29,317	28,855	72	86	35 377	8 501,665	43 520,367	5,119	4,657
23	37	98 069	62 190,741	1 798 062,911	28,912	28,450	73	87	31 175	7 344,964	35 018,702	4,768	4,306
24	38	97 965	60 906,917	1 735 872,170	28,500	28,039	74	88	26 969	6 229,474	27 673,738	4,442	3,981
25	39	97 856	59 646,027	1 674 965,253	28,082	27,620	75	89	22 869	5 178,934	21 444,264	4,141	3,679
26	40	97 737	58 405,707	1 615 319,226	27,657	27,195	76	90	18 898	4 195,665	16 265,330	3,877	3,415
27	41	97 611	57 186,811	1 556 913,519	27,225	26,763	77	91	15 308	3 331,971	12 069,666	3,622	3,161
28	42	97 471	55 985,106	1 499 726,708	26,788	26,326	78	92	11 999	2 560,632	8 737,695	3,412	2,951
29	43	97 326	54 805,551	1 443 741,602	26,343	25,881	79	93	9 215	1 927,877	6 177,063	3,204	2,742
30	44	97 163	53 640,618	1 388 936,051	25,893	25,432	80	94	6 875	1 410,168	4 249,186	3,013	2,552
31	45	96 991	52 496,163	1 335 295,433	25,436	24,974	81	95	4 976	1 000,609	2 839,018	2,837	2,376
32	46	96 799	51 364,815	1 282 799,270	24,974	24,513	82	96	3 483	686,640	1 838,409	2,677	2,216
33	47	96 592	50 249,736	1 231 434,455	24,506	24,045	83	97	2 355	455,222	1 151,769	2,530	2,069
34	48	96 360	49 146,351	1 181 184,719	24,034	23,572	84	98	1 536	291,145	696,547	2,392	1,931
35	49	96 113	48 059,339	1 132 038,368	23,555	23,093	85	99	963	178,850	405,402	2,267	1,805
36	50	95 835	46 980,552	1 083 979,029	23,073	22,611	86	100	578	105,358	226,553	2,150	1,689
37	51	95 540	45 917,415	1 036 998,476	22,584	22,122							
38	52	95 215	44 864,314	991 081,062	22,091	21,629							
39	53	94 850	43 815,654	946 216,747	21,595	21,134							
40	54	94 456	42 778,207	902 401,094	21,095	20,633							
41	55	94 034	41 751,950	859 622,887	20,589	20,127							
42	56	93 572	40 732,391	817 870,937	20,079	19,618							
43	57	93 077	39 722,234	777 138,546	19,564	19,103							
44	58	92 539	38 718,560	737 416,313	19,046	18,584							
45	59	91 948	37 716,700	698 697,752	18,525	18,063							
46	60	91 311	36 721,033	660 981,052	18,000	17,538							
47	61	90 594	35 718,422	624 260,019	17,477	17,016							
48	62	89 814	34 716,316	588 541,597	16,953	16,491							
49	63	88 961	33 712,447	553 825,281	16,428	15,966							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	15	99 536	99 536,318	3 621 756,080	36,386	35,925	50	65	87 398	32 470,663	503 273,327	15,499	15,038
1	16	99 139	97 194,958	3 522 219,762	36,239	35,777	51	66	86 368	31 458,998	470 802,664	14,966	14,504
2	17	99 091	95 243,337	3 425 024,804	35,961	35,499	52	67	85 224	30 433,656	439 343,666	14,436	13,975
3	18	99 057	93 343,215	3 329 781,466	35,672	35,211	53	68	84 023	29 416,438	408 910,010	13,901	13,439
4	19	99 020	91 479,331	3 236 438,251	35,379	34,917	54	69	82 748	28 401,952	379 493,572	13,362	12,900
5	20	98 987	89 655,187	3 144 958,920	35,078	34,617	55	70	81 362	27 378,685	351 091,620	12,824	12,362
6	21	98 954	87 868,236	3 055 303,733	34,771	34,310	56	71	79 874	26 350,848	323 712,935	12,285	11,823
7	22	98 923	86 118,200	2 967 435,497	34,458	33,996	57	72	78 271	25 315,608	297 362,087	11,746	11,285
8	23	98 892	84 403,713	2 881 317,297	34,137	33,676	58	73	76 517	24 263,114	272 046,480	11,212	10,751
9	24	98 862	82 722,933	2 796 913,583	33,811	33,349	59	74	74 611	23 194,765	247 783,366	10,683	10,221
10	25	98 834	81 078,153	2 714 190,651	33,476	33,015	60	75	72 523	22 103,861	224 588,601	10,161	9,699
11	26	98 803	79 463,797	2 633 112,498	33,136	32,674	61	76	70 230	20 985,084	202 484,741	9,649	9,187
12	27	98 771	77 880,562	2 553 648,701	32,789	32,328	62	77	67 745	19 845,626	181 499,656	9,146	8,684
13	28	98 734	76 324,485	2 475 768,139	32,437	31,976	63	78	65 077	18 690,301	161 654,031	8,649	8,187
14	29	98 698	74 800,709	2 399 443,654	32,078	31,616	64	79	62 194	17 511,965	142 963,730	8,164	7,702
15	30	98 655	73 301,983	2 324 642,945	31,713	31,252	65	80	59 091	16 312,050	125 451,765	7,691	7,229
16	31	98 609	71 831,559	2 251 340,962	31,342	30,880	66	81	55 770	15 093,515	109 139,715	7,231	6,769
17	32	98 554	70 383,545	2 179 509,403	30,966	30,505	67	82	52 237	13 860,223	94 046,201	6,785	6,324
18	33	98 486	68 955,646	2 109 125,858	30,587	30,125	68	83	48 474	12 609,563	80 185,978	6,359	5,898
19	34	98 402	67 546,319	2 040 170,212	30,204	29,742	69	84	44 564	11 365,182	67 576,415	5,946	5,484
20	35	98 312	66 161,404	1 972 623,893	29,815	29,354	70	85	40 476	10 120,094	56 211,232	5,554	5,093
21	36	98 220	64 803,446	1 906 462,488	29,419	28,958	71	86	36 281	8 893,393	46 091,138	5,183	4,721
22	37	98 121	63 468,282	1 841 659,042	29,017	28,555	72	87	32 043	7 700,615	37 197,745	4,830	4,369
23	38	98 016	62 157,551	1 778 190,761	28,608	28,146	73	88	27 799	6 549,566	29 497,129	4,504	4,042
24	39	97 910	60 873,010	1 716 033,210	28,190	27,729	74	89	23 671	5 467,689	22 947,563	4,197	3,735
25	40	97 791	59 606,568	1 655 160,200	27,768	27,306	75	90	19 633	4 446,027	17 479,874	3,932	3,470
26	41	97 668	58 364,459	1 595 553,632	27,338	26,876	76	91	15 973	3 546,195	13 033,848	3,675	3,214
27	42	97 533	57 140,976	1 537 189,173	26,902	26,440	77	92	12 588	2 739,924	9 487,653	3,463	3,001
28	43	97 385	55 935,274	1 480 048,197	26,460	25,998	78	93	9 729	2 076,094	6 747,729	3,250	2,789
29	44	97 226	54 749,434	1 424 112,923	26,011	25,550	79	94	7 305	1 528,319	4 671,635	3,057	2,595
30	45	97 053	53 580,372	1 369 363,489	25,557	25,096	80	95	5 322	1 091,636	3 143,316	2,879	2,418
31	46	96 868	52 429,533	1 315 783,117	25,096	24,635	81	96	3 757	755,406	2 051,680	2,716	2,254
32	47	96 663	51 292,436	1 263 353,585	24,630	24,169	82	97	2 561	504,883	1 296,274	2,567	2,106
33	48	96 434	50 167,572	1 212 061,148	24,160	23,699	83	98	1 685	325,588	791,391	2,431	1,969
34	49	96 190	49 059,439	1 161 893,576	23,683	23,222	84	99	1 068	202,290	465,803	2,303	1,841
35	50	95 916	47 960,450	1 112 834,137	23,203	22,742	85	100	649	120,562	263,513	2,186	1,724
36	51	95 624	46 877,054	1 064 873,687	22,716	22,255							
37	52	95 306	45 805,064	1 017 996,633	22,225	21,763							
38	53	94 954	44 741,145	972 191,569	21,729	21,268							
39	54	94 565	43 683,920	927 450,424	21,231	20,769							
40	55	94 155	42 641,692	883 766,504	20,725	20,264							
41	56	93 701	41 604,016	841 124,812	20,217	19,756							
42	57	93 219	40 578,740	799 520,796	19,703	19,241							
43	58	92 705	39 563,481	758 942,056	19,183	18,721							
44	59	92 131	38 547,722	719 378,575	18,662	18,200							
45	60	91 514	37 538,601	680 830,853	18,137	17,675							
46	61	90 819	36 523,131	643 292,252	17,613	17,152							
47	62	90 074	35 513,158	606 769,121	17,086	16,624							
48	63	89 247	34 497,338	571 255,963	16,559	16,098							
49	64	88 361	33 485,297	536 758,625	16,030	15,568							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$
0	16	99 524	99 523,797	3 600 600,382	36,178	35,717	50	66	86 715	32 217,071	485 915,186	15,083	14,621
1	17	99 124	97 180,003	3 501 076,585	36,027	35,565	51	67	85 629	31 189,890	453 698,115	14,546	14,085
2	18	99 075	95 228,054	3 403 896,582	35,745	35,283	52	68	84 446	30 155,727	422 508,225	14,011	13,549
3	19	99 034	93 321,895	3 308 668,529	35,454	34,993	53	69	83 207	29 130,786	392 352,498	13,469	13,007
4	20	99 000	91 460,437	3 215 346,634	35,156	34,694	54	70	81 869	28 100,281	363 221,713	12,926	12,464
5	21	98 965	89 635,285	3 123 886,197	34,851	34,389	55	71	80 418	27 060,963	335 121,432	12,384	11,922
6	22	98 933	87 849,846	3 034 250,912	34,539	34,077	56	72	78 845	26 011,523	308 060,470	11,843	11,382
7	23	98 901	86 098,881	2 946 401,066	34,221	33,760	57	73	77 137	24 949,095	282 048,946	11,305	10,843
8	24	98 870	84 384,420	2 860 302,185	33,896	33,434	58	74	75 272	23 868,566	257 099,851	10,771	10,310
9	25	98 842	82 706,211	2 775 917,765	33,564	33,102	59	75	73 222	22 763,167	233 231,285	10,246	9,784
10	26	98 812	81 060,317	2 693 211,554	33,225	32,763	60	76	70 967	21 629,557	210 468,117	9,731	9,269
11	27	98 780	79 444,991	2 612 151,236	32,880	32,418	61	77	68 510	20 471,101	188 838,560	9,225	8,763
12	28	98 745	77 859,639	2 532 706,246	32,529	32,068	62	78	65 867	19 295,431	168 367,459	8,726	8,264
13	29	98 709	76 305,185	2 454 846,606	32,171	31,710	63	79	62 990	18 090,936	149 072,028	8,240	7,779
14	30	98 670	74 779,247	2 378 541,421	31,808	31,346	64	80	59 936	16 876,177	130 981,093	7,761	7,300
15	31	98 627	73 281,237	2 303 762,175	31,437	30,976	65	81	56 623	15 630,768	114 104,916	7,300	6,838
16	32	98 580	71 809,864	2 230 480,938	31,061	30,599	66	82	53 116	14 375,209	98 474,148	6,850	6,389
17	33	98 519	70 358,596	2 158 671,074	30,681	30,219	67	83	49 357	13 095,910	84 098,939	6,422	5,960
18	34	98 450	68 930,434	2 088 312,478	30,296	29,834	68	84	45 434	11 818,797	71 003,029	6,008	5,546
19	35	98 360	67 517,627	2 019 382,044	29,909	29,447	69	85	41 342	10 543,301	59 184,231	5,613	5,152
20	36	98 273	66 135,088	1 951 864,417	29,513	29,052	70	86	37 126	9 282,610	48 640,931	5,240	4,778
21	37	98 174	64 772,651	1 885 729,329	29,113	28,651	71	87	32 863	8 055,434	39 358,321	4,886	4,424
22	38	98 068	63 434,410	1 820 956,678	28,706	28,245	72	88	28 573	6 866,703	31 302,887	4,559	4,097
23	39	97 962	62 122,947	1 757 522,269	28,291	27,829	73	89	24 399	5 748,638	24 436,184	4,251	3,789
24	40	97 846	60 832,739	1 695 399,322	27,870	27,408	74	90	20 321	4 693,918	18 687,545	3,981	3,520
25	41	97 722	59 564,472	1 634 566,583	27,442	26,980	75	91	16 594	3 757,801	13 993,627	3,724	3,262
26	42	97 590	58 317,680	1 575 002,111	27,007	26,546	76	92	13 134	2 916,084	10 235,826	3,510	3,049
27	43	97 446	57 090,116	1 516 684,431	26,566	26,105	77	93	10 206	2 221,460	7 319,742	3,295	2,833
28	44	97 285	55 878,000	1 459 594,315	26,121	25,659	78	94	7 713	1 645,818	5 098,282	3,098	2,636
29	45	97 117	54 687,941	1 403 716,315	25,668	25,206	79	95	5 655	1 183,098	3 452,464	2,918	2,457
30	46	96 930	53 512,366	1 349 028,373	25,210	24,748	80	96	4 018	824,126	2 269,366	2,754	2,292
31	47	96 732	52 355,654	1 295 516,008	24,745	24,283	81	97	2 762	555,447	1 445,240	2,602	2,140
32	48	96 505	51 208,567	1 243 160,354	24,276	23,815	82	98	1 832	361,107	889,793	2,464	2,002
33	49	96 263	50 078,854	1 191 951,787	23,801	23,340	83	99	1 170	226,221	528,687	2,337	1,875
34	50	95 992	48 958,492	1 141 872,932	23,323	22,862	84	100	720	136,363	302,465	2,218	1,756
35	51	95 704	47 854,793	1 092 914,440	22,838	22,377							
36	52	95 390	46 762,356	1 045 059,647	22,348	21,887							
37	53	95 044	45 679,312	998 297,291	21,854	21,393							
38	54	94 669	44 606,629	952 617,979	21,356	20,894							
39	55	94 263	43 544,515	908 011,350	20,852	20,391							
40	56	93 821	42 490,606	864 466,835	20,345	19,883							
41	57	93 347	41 447,077	821 976,230	19,832	19,370							
42	58	92 847	40 416,564	780 529,153	19,312	18,851							
43	59	92 296	39 388,915	740 112,589	18,790	18,328							
44	60	91 696	38 365,699	700 723,674	18,264	17,803							
45	61	91 020	37 336,292	662 357,975	17,740	17,279							
46	62	90 297	36 313,243	625 021,683	17,212	16,750							
47	63	89 505	35 289,154	588 708,440	16,682	16,221							
48	64	88 646	34 264,900	553 419,286	16,151	15,690							
49	65	87 712	33 239,200	519 154,386	15,619	15,157							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	17	99 508	99 508,483	3 578 619,100	35,963	35,501
1	18	99 108	97 164,408	3 479 110,616	35,806	35,345
2	19	99 053	95 206,302	3 381 946,208	35,522	35,061
3	20	99 013	93 302,620	3 286 739,906	35,227	34,765
4	21	98 978	91 440,133	3 193 437,286	34,924	34,462
5	22	98 944	89 616,525	3 101 997,152	34,614	34,153
6	23	98 911	87 830,139	3 012 380,627	34,298	33,836
7	24	98 878	86 079,201	2 924 550,489	33,975	33,514
8	25	98 850	84 367,363	2 838 471,288	33,644	33,183
9	26	98 820	82 688,018	2 754 103,925	33,307	32,846
10	27	98 789	81 041,133	2 671 415,907	32,964	32,502
11	28	98 753	79 423,648	2 590 374,774	32,615	32,153
12	29	98 720	77 839,951	2 510 951,126	32,258	31,796
13	30	98 681	76 283,291	2 433 111,176	31,896	31,434
14	31	98 642	74 758,082	2 356 827,884	31,526	31,064
15	32	98 597	73 259,104	2 282 069,802	31,151	30,689
16	33	98 545	71 784,410	2 208 810,699	30,770	30,308
17	34	98 483	70 332,870	2 137 026,289	30,384	29,923
18	35	98 408	68 901,154	2 066 693,419	29,995	29,533
19	36	98 321	67 490,772	1 997 792,265	29,601	29,139
20	37	98 227	66 103,660	1 930 301,493	29,201	28,740
21	38	98 121	64 738,083	1 864 197,834	28,796	28,334
22	39	98 014	63 399,095	1 799 459,751	28,383	27,921
23	40	97 897	62 081,849	1 736 060,656	27,964	27,502
24	41	97 777	60 789,777	1 673 978,807	27,537	27,076
25	42	97 644	59 516,732	1 613 189,030	27,105	26,643
26	43	97 503	58 265,772	1 553 672,298	26,665	26,204
27	44	97 347	57 031,659	1 495 406,526	26,221	25,759
28	45	97 176	55 815,241	1 438 374,867	25,770	25,309
29	46	96 994	54 618,530	1 382 559,626	25,313	24,851
30	47	96 794	53 436,961	1 327 941,096	24,851	24,389
31	48	96 574	52 270,046	1 274 504,136	24,383	23,921
32	49	96 334	51 118,008	1 222 234,089	23,910	23,448
33	50	96 065	49 975,810	1 171 116,081	23,434	22,972
34	51	95 780	48 850,636	1 121 140,271	22,950	22,489
35	52	95 470	47 737,702	1 072 289,635	22,462	22,001
36	53	95 128	46 633,976	1 024 551,933	21,970	21,508
37	54	94 759	45 541,975	977 917,957	21,473	21,011
38	55	94 366	44 464,279	932 375,981	20,969	20,507
39	56	93 929	43 390,229	887 911,702	20,463	20,002
40	57	93 467	42 330,322	844 521,473	19,951	19,489
41	58	92 974	41 281,431	802 191,150	19,432	18,971
42	59	92 437	40 238,234	760 909,719	18,910	18,449
43	60	91 860	39 202,920	720 671,486	18,383	17,921
44	61	91 202	38 158,932	681 468,566	17,859	17,397
45	62	90 497	37 121,731	643 309,634	17,330	16,868
46	63	89 727	36 084,192	606 187,902	16,799	16,338
47	64	88 902	35 051,380	570 103,710	16,265	15,803
48	65	87 994	34 013,073	535 052,330	15,731	15,269
49	66	87 027	32 979,606	501 039,257	15,192	14,731

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
50	67	85 973	31 941,478	468 059,650	14,654	14,192
51	68	84 847	30 905,054	436 118,172	14,112	13,650
52	69	83 626	29 862,896	405 213,118	13,569	13,108
53	70	82 323	28 821,373	375 350,223	13,023	12,562
54	71	80 919	27 774,185	346 528,850	12,477	12,015
55	72	79 382	26 712,493	318 754,666	11,933	11,471
56	73	77 704	25 634,936	292 042,172	11,392	10,931
57	74	75 883	24 543,393	266 407,237	10,855	10,393
58	75	73 872	23 424,431	241 863,844	10,325	9,864
59	76	71 651	22 274,717	218 439,413	9,807	9,345
60	77	69 229	21 099,789	196 164,696	9,297	8,835
61	78	66 610	19 903,566	175 064,907	8,796	8,334
62	79	63 754	18 676,660	155 161,341	8,308	7,846
63	80	60 703	17 434,127	136 484,681	7,829	7,367
64	81	57 432	16 171,333	119 050,553	7,362	6,900
65	82	53 928	14 886,894	102 879,220	6,911	6,449
66	83	50 187	13 582,498	87 992,326	6,478	6,017
67	84	46 262	12 274,645	74 409,828	6,062	5,600
68	85	42 149	10 964,113	62 135,183	5,667	5,206
69	86	37 920	9 670,794	51 171,070	5,291	4,830
70	87	33 628	8 407,977	41 500,276	4,936	4,474
71	88	29 304	7 183,098	33 092,299	4,607	4,145
72	89	25 079	6 026,994	25 909,201	4,299	3,837
73	90	20 946	4 935,108	19 882,207	4,029	3,567
74	91	17 176	3 967,321	14 947,099	3,768	3,306
75	92	13 645	3 090,091	10 979,778	3,553	3,092
76	93	10 649	2 364,285	7 889,687	3,337	2,875
77	94	8 091	1 761,056	5 525,402	3,138	2,676
78	95	5 970	1 274,056	3 764,346	2,955	2,493
79	96	4 269	893,175	2 490,290	2,788	2,327
80	97	2 954	605,976	1 597,115	2,636	2,174
81	98	1 976	397,271	991,139	2,495	2,033
82	99	1 273	250,900	593,867	2,367	1,905
83	100	789	152,495	342,967	2,249	1,787

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	18	99 493	99 492,515	3 555 816,294	35,740	35,278	50	68	85 188	31 649,779	449 737,457	14,210	13,748
1	19	99 085	97 142,215	3 456 323,779	35,580	35,118	51	69	84 023	30 604,946	418 087,678	13,661	13,199
2	20	99 032	95 186,638	3 359 181,565	35,290	34,829	52	70	82 738	29 545,706	387 482,732	13,115	12,653
3	21	98 992	93 281,908	3 263 994,926	34,991	34,529	53	71	81 368	28 486,908	357 937,025	12,565	12,103
4	22	98 957	91 420,996	3 170 713,018	34,683	34,221	54	72	79 877	27 416,531	329 450,117	12,016	11,555
5	23	98 922	89 596,421	3 079 292,023	34,368	33,907	55	73	78 233	26 325,757	302 033,586	11,473	11,011
6	24	98 888	87 810,063	2 989 695,601	34,047	33,586	56	74	76 440	25 218,081	275 707,829	10,933	10,471
7	25	98 858	86 061,801	2 901 885,539	33,719	33,257	57	75	74 471	24 086,701	250 489,748	10,400	9,938
8	26	98 828	84 348,804	2 815 823,738	33,383	32,921	58	76	72 287	22 921,791	226 403,047	9,877	9,416
9	27	98 796	82 668,448	2 731 474,934	33,041	32,580	59	77	69 896	21 729,146	203 481,256	9,364	8,903
10	28	98 762	81 019,361	2 648 806,486	32,693	32,232	60	78	67 310	20 514,824	181 752,109	8,860	8,398
11	29	98 728	79 403,564	2 567 787,124	32,338	31,877	61	79	64 474	19 265,293	161 237,285	8,369	7,908
12	30	98 692	77 817,617	2 488 383,560	31,977	31,516	62	80	61 440	17 998,252	141 971,992	7,888	7,426
13	31	98 653	76 261,701	2 410 565,943	31,609	31,148	63	81	58 168	16 705,981	123 973,405	7,421	6,959
14	32	98 612	74 735,503	2 334 304,243	31,234	30,773	64	82	54 699	15 401,734	107 267,424	6,965	6,503
15	33	98 562	73 233,135	2 259 568,740	30,854	30,393	65	83	50 954	14 065,966	91 865,690	6,531	6,069
16	34	98 509	71 758,163	2 186 335,604	30,468	30,006	66	84	47 040	12 730,718	77 799,724	6,111	5,650
17	35	98 441	70 302,994	2 114 577,441	30,078	29,616	67	85	42 916	11 386,996	65 069,005	5,714	5,253
18	36	98 369	68 873,748	2 044 274,447	29,681	29,220	68	86	38 661	10 056,781	53 682,010	5,338	4,876
19	37	98 275	67 458,699	1 975 400,699	29,283	28,822	69	87	34 348	8 759,586	43 625,228	4,980	4,519
20	38	98 174	66 068,381	1 907 942,000	28,878	28,417	70	88	29 987	7 497,464	34 865,643	4,650	4,189
21	39	98 067	64 702,042	1 841 873,619	28,467	28,005	71	89	25 720	6 304,698	27 368,179	4,341	3,879
22	40	97 949	63 357,153	1 777 171,577	28,050	27,588	72	90	21 530	5 174,072	21 063,481	4,071	3,609
23	41	97 828	62 038,006	1 713 814,424	27,625	27,164	73	91	17 704	4 171,175	15 889,409	3,809	3,348
24	42	97 698	60 741,055	1 651 776,418	27,194	26,732	74	92	14 124	3 262,381	11 718,234	3,592	3,130
25	43	97 557	59 463,757	1 591 035,363	26,756	26,295	75	93	11 063	2 505,365	8 455,852	3,375	2,913
26	44	97 403	58 206,112	1 531 571,607	26,313	25,851	76	94	8 442	1 874,281	5 950,487	3,175	2,713
27	45	97 237	56 967,603	1 473 365,495	25,863	25,402	77	95	6 263	1 363,264	4 076,206	2,990	2,528
28	46	97 052	55 744,398	1 416 397,892	25,409	24,947	78	96	4 507	961,844	2 712,942	2,821	2,359
29	47	96 857	54 541,566	1 360 653,494	24,947	24,485	79	97	3 139	656,748	1 751,099	2,666	2,205
30	48	96 635	53 349,585	1 306 111,927	24,482	24,021	80	98	2 113	433,411	1 094,351	2,525	2,063
31	49	96 403	52 177,610	1 252 762,342	24,010	23,548	81	99	1 373	276,027	660,940	2,394	1,933
32	50	96 136	51 012,825	1 200 584,732	23,535	23,073	82	100	858	169,131	384,912	2,276	1,814
33	51	95 853	49 865,713	1 149 571,907	23,053	22,592							
34	52	95 546	48 731,109	1 099 706,194	22,567	22,105							
35	53	95 208	47 606,645	1 050 975,085	22,076	21,615							
36	54	94 842	46 493,769	1 003 368,440	21,581	21,119							
37	55	94 456	45 396,641	956 874,671	21,078	20,616							
38	56	94 032	44 306,735	911 478,030	20,572	20,110							
39	57	93 574	43 226,553	867 171,295	20,061	19,599							
40	58	93 093	42 161,146	823 944,743	19,543	19,081							
41	59	92 564	41 099,285	781 783,596	19,022	18,560							
42	60	92 001	40 048,228	740 684,312	18,495	18,033							
43	61	91 365	38 991,641	700 636,084	17,969	17,507							
44	62	90 678	37 939,644	661 644,442	17,439	16,978							
45	63	89 927	36 887,581	623 704,798	16,908	16,447							
46	64	89 123	35 841,062	586 817,218	16,373	15,911							
47	65	88 249	34 793,773	550 976,156	15,835	15,374							
48	66	87 307	33 747,435	516 182,383	15,295	14,834							
49	67	86 283	32 697,490	482 434,947	14,754	14,293							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	19	99 470	99 469,790	3 532 193,756	35,510	35,049	50	69	84 361	31 342,439	430 973,813	13,750	13,289
1	20	99 065	97 122,151	3 432 723,966	35,344	34,883	51	70	83 131	30 279,876	399 631,373	13,198	12,736
2	21	99 010	95 165,508	3 335 601,815	35,051	34,589	52	71	81 778	29 202,837	369 351,498	12,648	12,186
3	22	98 971	93 262,385	3 240 436,307	34,745	34,284	53	72	80 320	28 120,077	340 148,661	12,096	11,635
4	23	98 935	91 400,487	3 147 173,923	34,433	33,971	54	73	78 721	27 019,602	312 028,584	11,548	11,087
5	24	98 899	89 575,941	3 055 773,435	34,114	33,652	55	74	76 961	25 897,669	285 008,982	11,005	10,544
6	25	98 868	87 792,313	2 966 197,494	33,787	33,325	56	75	75 018	24 748,834	259 111,313	10,470	10,008
7	26	98 836	86 042,869	2 878 405,181	33,453	32,992	57	76	72 873	23 569,850	234 362,479	9,943	9,482
8	27	98 805	84 328,841	2 792 362,312	33,113	32,651	58	77	70 516	22 360,372	210 792,629	9,427	8,965
9	28	98 770	82 646,239	2 708 033,470	32,767	32,305	59	78	67 958	21 126,734	188 432,256	8,919	8,458
10	29	98 737	80 998,874	2 625 387,231	32,413	31,951	60	79	65 151	19 856,950	167 305,523	8,426	7,964
11	30	98 700	79 380,781	2 544 388,357	32,053	31,591	61	80	62 133	18 565,849	147 448,573	7,942	7,480
12	31	98 664	77 795,592	2 465 007,576	31,686	31,224	62	81	58 874	17 246,866	128 882,724	7,473	7,011
13	32	98 623	76 238,668	2 387 211,984	31,312	30,851	63	82	55 400	15 910,937	111 635,858	7,016	6,555
14	33	98 577	74 709,012	2 310 973,316	30,933	30,471	64	83	51 683	14 552,416	95 724,921	6,578	6,116
15	34	98 526	73 206,359	2 236 264,304	30,547	30,086	65	84	47 759	13 183,867	81 172,505	6,157	5,695
16	35	98 467	71 727,682	2 163 057,946	30,157	29,695	66	85	43 638	11 810,087	67 988,638	5,757	5,295
17	36	98 402	70 275,031	2 091 330,264	29,759	29,298	67	86	39 365	10 444,669	56 178,550	5,379	4,917
18	37	98 322	68 841,018	2 021 055,233	29,358	28,897	68	87	35 018	9 109,204	45 733,882	5,021	4,559
19	38	98 222	67 422,697	1 952 214,215	28,955	28,493	69	88	30 628	7 810,996	36 624,677	4,689	4,227
20	39	98 119	66 031,600	1 884 791,517	28,544	28,082	70	89	26 320	6 580,620	28 813,681	4,379	3,917
21	40	98 002	64 659,238	1 818 759,917	28,128	27,667	71	90	22 080	5 412,476	22 233,060	4,108	3,646
22	41	97 880	63 312,408	1 754 100,679	27,705	27,244	72	91	18 197	4 373,149	16 820,585	3,846	3,385
23	42	97 749	61 988,282	1 690 788,270	27,276	26,814	73	92	14 558	3 430,014	12 447,436	3,629	3,167
24	43	97 611	60 686,990	1 628 799,988	26,839	26,378	74	93	11 451	2 645,054	9 017,422	3,409	2,948
25	44	97 457	59 402,869	1 568 112,998	26,398	25,936	75	94	8 770	1 986,122	6 372,368	3,208	2,747
26	45	97 294	58 140,737	1 508 710,129	25,949	25,488	76	95	6 535	1 450,913	4 386,246	3,023	2,561
27	46	97 114	56 895,298	1 450 569,392	25,495	25,034	77	96	4 728	1 029,191	2 935,333	2,852	2,390
28	47	96 916	55 665,848	1 393 674,093	25,036	24,575	78	97	3 314	707,239	1 906,142	2,695	2,234
29	48	96 699	54 452,384	1 338 008,245	24,572	24,110	79	98	2 245	469,725	1 198,903	2,552	2,091
30	49	96 464	53 255,240	1 283 555,861	24,102	23,640	80	99	1 468	301,138	729,178	2,421	1,960
31	50	96 204	52 070,247	1 230 300,621	23,628	23,166	81	100	925	186,069	428,041	2,300	1,839
32	51	95 924	50 900,444	1 178 230,374	23,148	22,686							
33	52	95 619	49 743,702	1 127 329,929	22,663	22,201							
34	53	95 284	48 597,324	1 077 586,228	22,174	21,712							
35	54	94 922	47 463,513	1 028 988,904	21,680	21,218							
36	55	94 539	46 345,397	981 525,390	21,178	20,717							
37	56	94 121	45 235,793	935 179,993	20,673	20,212							
38	57	93 677	44 139,601	889 944,200	20,162	19,700							
39	58	93 200	43 053,795	845 804,599	19,645	19,184							
40	59	92 683	41 975,118	802 750,805	19,124	18,663							
41	60	92 127	40 905,213	760 775,686	18,599	18,137							
42	61	91 505	39 832,394	719 870,473	18,072	17,611							
43	62	90 840	38 767,568	680 038,080	17,541	17,080							
44	63	90 106	37 700,334	641 270,512	17,010	16,548							
45	64	89 321	36 639,037	603 570,177	16,473	16,012							
46	65	88 468	35 577,651	566 931,140	15,935	15,473							
47	66	87 560	34 522,038	531 353,489	15,392	14,930							
48	67	86 560	33 458,751	496 831,451	14,849	14,387							
49	68	85 495	32 398,887	463 372,700	14,302	13,841							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß 2,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	20	99 449	99 449,245	3 507 759,242	35,272	34,810	50	70	83 465	31 009,535	411 793,644	13,280	12,818
1	21	99 043	97 100,591	3 408 309,997	35,101	34,639	51	71	82 166	29 928,486	380 784,109	12,723	12,262
2	22	98 989	95 145,591	3 311 209,406	34,802	34,340	52	72	80 724	28 826,786	350 855,623	12,171	11,710
3	23	98 949	93 241,463	3 216 063,815	34,492	34,030	53	73	79 157	27 712,962	322 028,837	11,620	11,159
4	24	98 912	91 379,595	3 122 822,352	34,174	33,713	54	74	77 440	26 580,231	294 315,875	11,073	10,611
5	25	98 879	89 557,835	3 031 442,757	33,849	33,387	55	75	75 529	25 415,777	267 735,643	10,534	10,073
6	26	98 847	87 773,000	2 941 884,922	33,517	33,055	56	76	73 408	24 217,776	242 319,866	10,006	9,544
7	27	98 813	86 022,506	2 854 111,922	33,179	32,717	57	77	71 088	22 992,558	218 102,091	9,486	9,024
8	28	98 778	84 306,186	2 768 089,416	32,834	32,372	58	78	68 561	21 740,460	195 109,533	8,974	8,513
9	29	98 745	82 625,340	2 683 783,230	32,481	32,020	59	79	65 779	20 449,236	173 369,073	8,478	8,016
10	30	98 709	80 975,634	2 601 157,889	32,123	31,661	60	80	62 786	19 136,025	152 919,837	7,991	7,530
11	31	98 672	79 358,314	2 520 182,255	31,757	31,295	61	81	59 538	17 790,435	133 783,812	7,520	7,058
12	32	98 634	77 772,096	2 440 823,941	31,384	30,923	62	82	56 072	16 426,081	115 993,376	7,062	6,600
13	33	98 588	76 211,643	2 363 051,845	31,006	30,545	63	83	52 345	15 033,540	99 567,295	6,623	6,161
14	34	98 541	74 681,695	2 286 840,202	30,621	30,160	64	84	48 442	13 639,811	84 533,755	6,198	5,736
15	35	98 484	73 175,263	2 212 158,507	30,231	29,769	65	85	44 305	12 230,467	70 893,945	5,797	5,335
16	36	98 428	71 699,152	2 138 983,244	29,833	29,371	66	86	40 027	10 832,748	58 663,478	5,415	4,954
17	37	98 355	70 241,635	2 067 284,093	29,431	28,969	67	87	35 656	9 460,544	47 830,730	5,056	4,594
18	38	98 269	68 804,279	1 997 042,457	29,025	28,563	68	88	31 226	8 122,754	38 370,186	4,724	4,262
19	39	98 167	67 385,162	1 928 238,179	28,615	28,154	69	89	26 883	6 855,812	30 247,432	4,412	3,950
20	40	98 055	65 987,917	1 860 853,016	28,200	27,738	70	90	22 595	5 649,351	23 391,620	4,141	3,679
21	41	97 933	64 613,574	1 794 865,099	27,778	27,317	71	91	18 663	4 574,649	17 742,269	3,878	3,417
22	42	97 801	63 261,664	1 730 251,525	27,351	26,889	72	92	14 964	3 596,099	13 167,621	3,662	3,200
23	43	97 662	61 933,107	1 666 989,861	26,916	26,454	73	93	11 803	2 780,966	9 571,522	3,442	2,980
24	44	97 511	60 624,850	1 605 056,754	26,475	26,014	74	94	9 078	2 096,860	6 790,555	3,238	2,777
25	45	97 347	59 336,151	1 544 431,904	26,029	25,567	75	95	6 789	1 537,491	4 693,696	3,053	2,591
26	46	97 170	58 066,943	1 485 095,753	25,576	25,114	76	96	4 934	1 095,361	3 156,204	2,881	2,420
27	47	96 977	56 815,127	1 427 028,810	25,117	24,655	77	97	3 477	756,759	2 060,843	2,723	2,262
28	48	96 757	55 574,828	1 370 213,683	24,655	24,194	78	98	2 370	505,838	1 304,084	2,578	2,116
29	49	96 528	54 356,089	1 314 638,856	24,186	23,724	79	99	1 560	326,369	798,246	2,446	1,984
30	50	96 266	53 145,660	1 260 282,766	23,714	23,252	80	100	990	202,996	471,878	2,325	1,863
31	51	95 992	51 955,536	1 207 137,107	23,234	22,772							
32	52	95 689	50 775,901	1 155 181,570	22,751	22,289							
33	53	95 356	49 607,137	1 104 405,669	22,263	21,801							
34	54	94 997	48 451,214	1 054 798,532	21,770	21,309							
35	55	94 619	47 312,047	1 006 347,318	21,270	20,809							
36	56	94 204	46 181,187	959 035,271	20,767	20,305							
37	57	93 766	45 065,154	912 854,084	20,256	19,795							
38	58	93 303	43 963,194	867 788,930	19,739	19,277							
39	59	92 789	42 863,828	823 825,735	19,220	18,758							
40	60	92 245	41 776,911	780 961,907	18,694	18,232							
41	61	91 630	40 684,760	739 184,996	18,169	17,707							
42	62	90 979	39 603,489	698 500,236	17,637	17,176							
43	63	90 267	38 523,036	658 896,747	17,104	16,642							
44	64	89 499	37 446,315	620 373,712	16,567	16,105							
45	65	88 664	36 369,762	582 927,397	16,028	15,566							
46	66	87 777	35 299,794	546 557,635	15,483	15,022							
47	67	86 811	34 226,728	511 257,841	14,937	14,476							
48	68	85 770	33 153,196	477 031,113	14,389	13,927							
49	69	84 664	32 084,273	443 877,917	13,835	13,373							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	21	99 427	99 427,169	3 482 511,080	35,026	34,564	50	71	82 496	30 649,678	392 232,098	12,797	12,336
1	22	99 022	97 080,269	3 383 083,911	34,848	34,387	51	72	81 108	29 543,091	361 582,420	12,239	11,778
2	23	98 967	95 124,247	3 286 003,642	34,544	34,083	52	73	79 556	28 409,440	332 039,329	11,688	11,226
3	24	98 926	93 220,150	3 190 879,396	34,230	33,768	53	74	77 870	27 262,317	303 629,889	11,137	10,676
4	25	98 892	91 361,124	3 097 659,246	33,906	33,444	54	75	76 000	26 085,638	276 367,572	10,595	10,133
5	26	98 857	89 538,134	3 006 298,122	33,576	33,114	55	76	73 908	24 870,407	250 281,934	10,063	9,602
6	27	98 823	87 752,227	2 916 759,988	33,239	32,777	56	77	71 610	23 624,614	225 411,527	9,541	9,080
7	28	98 786	85 999,396	2 829 007,760	32,896	32,434	57	78	69 117	22 355,119	201 786,913	9,026	8,565
8	29	98 753	84 284,868	2 743 008,365	32,544	32,083	58	79	66 363	21 043,281	179 431,794	8,527	8,065
9	30	98 717	82 601,634	2 658 723,497	32,187	31,726	59	80	63 391	19 706,808	158 388,513	8,037	7,576
10	31	98 681	80 952,715	2 576 121,863	31,823	31,361	60	81	60 164	18 336,798	138 681,705	7,563	7,101
11	32	98 642	79 334,346	2 495 169,148	31,451	30,990	61	82	56 705	16 943,782	120 344,907	7,103	6,641
12	33	98 599	77 744,528	2 415 834,802	31,074	30,612	62	83	52 980	15 520,276	103 401,125	6,662	6,201
13	34	98 552	76 183,778	2 338 090,274	30,690	30,229	63	84	49 062	14 090,763	87 880,848	6,237	5,775
14	35	98 499	74 649,972	2 261 906,497	30,300	29,839	64	85	44 939	12 653,438	73 790,086	5,832	5,370
15	36	98 445	73 146,157	2 187 256,525	29,903	29,441	65	86	40 639	11 218,339	61 136,647	5,450	4,988
16	37	98 381	71 665,079	2 114 110,368	29,500	29,038	66	87	36 255	9 812,057	49 918,309	5,087	4,626
17	38	98 303	70 204,149	2 042 445,289	29,093	28,631	67	88	31 794	8 436,047	40 106,251	4,754	4,293
18	39	98 215	68 765,974	1 972 241,140	28,680	28,219	68	89	27 407	7 129,446	31 670,205	4,442	3,981
19	40	98 103	67 340,584	1 903 475,166	28,266	27,805	69	90	23 078	5 885,598	24 540,759	4,170	3,708
20	41	97 985	65 941,315	1 836 134,582	27,845	27,383	70	91	19 097	4 774,856	18 655,161	3,907	3,445
21	42	97 854	64 561,787	1 770 193,268	27,419	26,957	71	92	15 346	3 761,795	13 880,304	3,690	3,228
22	43	97 714	63 205,356	1 705 631,481	26,986	26,524	72	93	12 132	2 915,624	10 118,509	3,470	3,009
23	44	97 562	61 869,692	1 642 426,125	26,547	26,085	73	94	9 357	2 204,604	7 202,886	3,267	2,806
24	45	97 402	60 556,759	1 580 556,433	26,100	25,639	74	95	7 027	1 623,216	4 998,282	3,079	2,618
25	46	97 224	59 260,839	1 519 999,675	25,649	25,188	75	96	5 126	1 160,723	3 375,066	2,908	2,446
26	47	97 033	57 985,120	1 460 738,835	25,192	24,730	76	97	3 628	805,414	2 214,344	2,749	2,288
27	48	96 818	56 722,227	1 402 753,715	24,730	24,269	77	98	2 487	541,256	1 408,930	2,603	2,141
28	49	96 586	55 476,548	1 346 031,488	24,263	23,801	78	99	1 647	351,460	867,674	2,469	2,007
29	50	96 329	54 244,243	1 290 554,940	23,792	23,330	79	100	1 052	220,004	516,213	2,346	1,885
30	51	96 054	53 028,580	1 236 310,697	23,314	22,852							
31	52	95 758	51 828,412	1 183 282,117	22,831	22,369							
32	53	95 427	50 636,503	1 131 453,705	22,345	21,883							
33	54	95 070	49 457,991	1 080 817,202	21,853	21,392							
34	55	94 694	48 296,596	1 031 359,211	21,355	20,893							
35	56	94 284	47 144,412	983 062,616	20,852	20,391							
36	57	93 849	46 006,983	935 918,204	20,343	19,881							
37	58	93 392	44 885,049	889 911,221	19,826	19,365							
38	59	92 891	43 769,215	845 026,172	19,306	18,845							
39	60	92 351	42 661,424	801 256,958	18,782	18,320							
40	61	91 748	41 551,760	758 595,533	18,257	17,795							
41	62	91 104	40 450,957	717 043,773	17,726	17,265							
42	63	90 405	39 353,684	676 592,816	17,193	16,731							
43	64	89 659	38 263,473	637 239,132	16,654	16,192							
44	65	88 841	37 171,106	598 975,659	16,114	15,652							
45	66	87 972	36 085,719	561 804,553	15,569	15,107							
46	67	87 026	34 997,830	525 718,834	15,021	14,560							
47	68	86 018	33 914,159	490 721,004	14,470	14,008							
48	69	84 937	32 831,257	456 806,845	13,914	13,452							
49	70	83 765	31 743,489	423 975,587	13,356	12,895							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	22	99 406	99 406,360	3 456 450,871	34,771	34,309	50	72	81 434	30 254,996	372 326,003	12,306	11,845
1	23	99 000	97 058,491	3 357 044,511	34,588	34,126	51	73	79 934	29 115,374	342 071,007	11,749	11,287
2	24	98 945	95 102,503	3 259 986,021	34,279	33,817	52	74	78 262	27 947,468	312 955,632	11,198	10,736
3	25	98 906	93 201,307	3 164 883,517	33,958	33,496	53	75	76 421	26 755,032	285 008,164	10,653	10,191
4	26	98 870	91 341,026	3 071 682,211	33,629	33,167	54	76	74 369	25 525,895	258 253,132	10,117	9,656
5	27	98 834	89 516,943	2 980 341,184	33,294	32,832	55	77	72 098	24 261,261	232 727,238	9,593	9,131
6	28	98 797	87 728,653	2 890 824,241	32,952	32,490	56	78	69 625	22 969,652	208 465,977	9,076	8,614
7	29	98 761	85 977,649	2 803 095,588	32,603	32,141	57	79	66 901	21 638,230	185 496,325	8,573	8,111
8	30	98 725	84 260,685	2 717 117,939	32,247	31,785	58	80	63 953	20 279,285	163 858,095	8,080	7,618
9	31	98 689	82 578,255	2 632 857,254	31,883	31,422	59	81	60 743	18 883,742	143 578,810	7,603	7,142
10	32	98 651	80 928,265	2 550 279,000	31,513	31,051	60	82	57 300	17 464,143	124 695,068	7,140	6,678
11	33	98 607	79 306,224	2 469 350,734	31,137	30,675	61	83	53 578	16 009,429	107 230,925	6,698	6,236
12	34	98 563	77 716,102	2 390 044,510	30,754	30,292	62	84	49 657	14 546,975	91 221,496	6,271	5,809
13	35	98 510	76 151,417	2 312 328,409	30,365	29,903	63	85	45 514	13 071,779	76 674,521	5,866	5,404
14	36	98 460	74 620,280	2 236 176,992	29,967	29,506	64	86	41 220	11 606,308	63 602,742	5,480	5,018
15	37	98 398	73 111,397	2 161 556,712	29,565	29,104	65	87	36 810	10 161,317	51 996,434	5,117	4,655
16	38	98 328	71 626,833	2 088 445,316	29,157	28,696	66	88	32 329	8 749,494	41 835,117	4,781	4,320
17	39	98 248	70 165,065	2 016 818,483	28,744	28,282	67	89	27 906	7 404,427	33 085,623	4,468	4,007
18	40	98 150	68 720,482	1 946 653,418	28,327	27,866	68	90	23 529	6 120,508	25 681,197	4,196	3,734
19	41	98 033	67 293,026	1 877 932,936	27,907	27,445	69	91	19 506	4 974,534	19 560,689	3,932	3,471
20	42	97 907	65 888,463	1 810 639,910	27,480	27,019	70	92	15 704	3 926,429	14 586,155	3,715	3,253
21	43	97 767	64 504,321	1 744 751,447	27,049	26,587	71	93	12 442	3 049,966	10 659,726	3,495	3,033
22	44	97 614	63 140,637	1 680 247,126	26,611	26,150	72	94	9 618	2 311,353	7 609,760	3,292	2,831
23	45	97 453	61 800,202	1 617 106,489	26,167	25,705	73	95	7 244	1 706,622	5 298,407	3,105	2,643
24	46	97 278	60 479,898	1 555 306,286	25,716	25,254	74	96	5 305	1 225,440	3 591,785	2,931	2,469
25	47	97 087	59 177,334	1 494 826,388	25,260	24,799	75	97	3 769	853,474	2 366,345	2,773	2,311
26	48	96 875	57 890,308	1 435 649,054	24,799	24,338	76	98	2 595	576,055	1 512,871	2,626	2,165
27	49	96 647	56 621,918	1 377 758,746	24,333	23,871	77	99	1 728	376,069	936,816	2,491	2,029
28	50	96 387	55 362,396	1 321 136,828	23,863	23,402	78	100	1 110	236,918	560,747	2,367	1,905
29	51	96 117	54 124,743	1 265 774,431	23,386	22,925							
30	52	95 819	52 898,830	1 211 649,688	22,905	22,443							
31	53	95 495	51 686,124	1 158 750,858	22,419	21,957							
32	54	95 140	50 484,262	1 107 064,735	21,929	21,467							
33	55	94 766	49 300,160	1 056 580,473	21,432	20,970							
34	56	94 358	48 125,473	1 007 280,313	20,930	20,469							
35	57	93 928	46 966,574	959 154,840	20,422	19,960							
36	58	93 474	45 823,113	912 188,267	19,907	19,445							
37	59	92 980	44 687,002	866 365,154	19,387	18,926							
38	60	92 453	43 562,536	821 678,152	18,862	18,400							
39	61	91 853	42 431,507	778 115,616	18,338	17,877							
40	62	91 221	41 312,975	735 684,110	17,808	17,346							
41	63	90 529	40 195,807	694 371,135	17,275	16,813							
42	64	89 796	39 088,524	654 175,329	16,736	16,274							
43	65	89 000	37 982,259	615 086,804	16,194	15,732							
44	66	88 147	36 880,805	577 104,545	15,648	15,186							
45	67	87 219	35 777,032	540 223,741	15,100	14,638							
46	68	86 231	34 678,220	504 446,708	14,546	14,085							
47	69	85 183	33 584,831	469 768,489	13,988	13,526							
48	70	84 035	32 482,539	436 183,658	13,428	12,967							
49	71	82 793	31 375,115	403 701,118	12,867	12,405							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	23	99 384	99 384,060	3 429 576,827	34,508	34,047
1	24	98 977	97 036,305	3 330 192,767	34,319	33,857
2	25	98 925	95 083,279	3 233 156,462	34,003	33,542
3	26	98 884	93 180,804	3 138 073,183	33,677	33,216
4	27	98 847	91 319,409	3 044 892,378	33,343	32,882
5	28	98 807	89 492,895	2 953 572,969	33,003	32,542
6	29	98 772	87 706,469	2 864 080,075	32,655	32,194
7	30	98 733	85 952,980	2 776 373,606	32,301	31,839
8	31	98 697	84 236,836	2 690 420,625	31,939	31,477
9	32	98 659	82 553,314	2 606 183,789	31,570	31,108
10	33	98 616	80 899,579	2 523 630,475	31,195	30,733
11	34	98 571	79 277,227	2 442 730,897	30,813	30,351
12	35	98 521	77 683,090	2 363 453,670	30,424	29,963
13	36	98 471	76 121,127	2 285 770,580	30,028	29,566
14	37	98 413	74 584,819	2 209 649,453	29,626	29,164
15	38	98 346	73 072,378	2 135 064,634	29,218	28,757
16	39	98 274	71 586,957	2 061 992,256	28,804	28,342
17	40	98 183	70 118,647	1 990 405,299	28,386	27,925
18	41	98 080	68 671,950	1 920 286,651	27,963	27,502
19	42	97 955	67 239,091	1 851 614,701	27,538	27,076
20	43	97 820	65 829,816	1 784 375,611	27,106	26,644
21	44	97 667	64 438,273	1 718 545,794	26,670	26,208
22	45	97 505	63 069,720	1 654 107,521	26,227	25,765
23	46	97 329	61 721,764	1 591 037,801	25,778	25,316
24	47	97 141	60 394,675	1 529 316,037	25,322	24,860
25	48	96 928	59 080,572	1 468 921,362	24,863	24,401
26	49	96 703	57 787,933	1 409 840,789	24,397	23,935
27	50	96 448	56 505,410	1 352 052,856	23,928	23,466
28	51	96 175	55 240,433	1 295 547,447	23,453	22,991
29	52	95 882	53 992,311	1 240 307,013	22,972	22,510
30	53	95 556	52 753,603	1 186 314,702	22,488	22,026
31	54	95 208	51 530,727	1 133 561,099	21,998	21,536
32	55	94 836	50 323,155	1 082 030,372	21,502	21,040
33	56	94 431	49 125,481	1 031 707,217	21,001	20,540
34	57	94 003	47 943,934	982 581,736	20,494	20,033
35	58	93 553	46 778,869	934 637,802	19,980	19,518
36	59	93 062	45 620,927	887 858,933	19,462	19,000
37	60	92 541	44 475,989	842 238,006	18,937	18,475
38	61	91 954	43 327,762	797 762,018	18,412	17,951
39	62	91 326	42 187,665	754 434,256	17,883	17,421
40	63	90 645	41 052,387	712 246,591	17,350	16,888
41	64	89 919	39 924,973	671 194,204	16,811	16,350
42	65	89 136	38 801,247	631 269,231	16,269	15,808
43	66	88 305	37 685,622	592 467,984	15,721	15,260
44	67	87 393	36 565,317	554 782,362	15,172	14,711
45	68	86 423	35 450,305	518 217,045	14,618	14,157
46	69	85 394	34 341,472	482 766,740	14,058	13,596
47	70	84 278	33 228,109	448 425,268	13,495	13,034
48	71	83 059	32 105,589	415 197,158	12,932	12,471
49	72	81 727	30 971,092	383 091,570	12,369	11,908

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
50	73	80 255	29 816,973	352 120,478	11,809	11,348
51	74	78 634	28 641,924	322 303,505	11,253	10,791
52	75	76 806	27 427,435	293 661,581	10,707	10,245
53	76	74 781	26 180,924	266 234,147	10,169	9,707
54	77	72 547	24 900,694	240 053,222	9,640	9,179
55	78	70 099	23 588,649	215 152,529	9,121	8,659
56	79	67 392	22 233,056	191 563,880	8,616	8,155
57	80	64 472	20 852,634	169 330,825	8,120	7,659
58	81	61 282	19 432,309	148 478,191	7,641	7,179
59	82	57 852	17 985,058	129 045,882	7,175	6,714
60	83	54 141	16 501,095	111 060,824	6,731	6,269
61	84	50 218	15 005,453	94 559,729	6,302	5,840
62	85	46 066	13 495,000	79 554,277	5,895	5,433
63	86	41 748	11 990,029	66 059,276	5,510	5,048
64	87	37 336	10 512,730	54 069,247	5,143	4,682
65	88	32 823	9 060,932	43 556,517	4,807	4,345
66	89	28 376	7 679,543	34 495,586	4,492	4,030
67	90	23 957	6 356,575	26 816,043	4,219	3,757
68	91	19 887	5 173,081	20 459,468	3,955	3,493
69	92	16 040	4 090,626	15 286,387	3,737	3,275
70	93	12 732	3 183,447	11 195,761	3,517	3,055
71	94	9 864	2 417,852	8 012,315	3,314	2,852
72	95	7 445	1 789,259	5 594,462	3,127	2,665
73	96	5 468	1 288,407	3 805,204	2,953	2,492
74	97	3 901	901,060	2 516,796	2,793	2,332
75	98	2 696	610,429	1 615,736	2,647	2,185
76	99	1 803	400,248	1 005,307	2,512	2,050
77	100	1 165	253,507	605,059	2,387	1,925

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	24	99 361	99 361,342	3 401 889,388	34,238	33,776	50	74	78 950	29 332,113	331 669,780	11,307	10,846
1	25	98 957	97 016,690	3 302 528,046	34,041	33,579	51	75	77 171	28 108,968	302 337,666	10,756	10,294
2	26	98 903	95 062,363	3 205 511,355	33,720	33,258	52	76	75 158	26 838,899	274 228,698	10,218	9,756
3	27	98 861	93 158,752	3 110 448,992	33,389	32,927	53	77	72 950	25 539,680	247 389,800	9,686	9,225
4	28	98 821	91 294,876	3 017 290,241	33,050	32,588	54	78	70 536	24 210,354	221 850,120	9,163	8,702
5	29	98 782	89 470,264	2 925 995,365	32,704	32,242	55	79	67 851	22 832,202	197 639,766	8,656	8,195
6	30	98 743	87 681,304	2 836 525,100	32,350	31,889	56	80	64 945	21 425,864	174 807,564	8,159	7,697
7	31	98 705	85 928,653	2 748 843,796	31,990	31,528	57	81	61 779	19 981,711	153 381,700	7,676	7,214
8	32	98 667	84 211,395	2 662 915,143	31,622	31,160	58	82	58 366	18 507,519	133 399,989	7,208	6,746
9	33	98 624	82 524,051	2 578 703,748	31,248	30,786	59	83	54 662	16 993,284	114 892,470	6,761	6,299
10	34	98 580	80 869,999	2 496 179,697	30,867	30,405	60	84	50 745	15 466,285	97 899,186	6,330	5,868
11	35	98 529	79 243,552	2 415 309,699	30,480	30,018	61	85	46 586	13 920,323	82 432,901	5,922	5,460
12	36	98 482	77 652,191	2 336 066,147	30,084	29,622	62	86	42 254	12 378,261	68 512,578	5,535	5,073
13	37	98 424	76 084,953	2 258 413,956	29,683	29,221	63	87	37 814	10 860,296	56 134,352	5,169	4,707
14	38	98 361	74 545,015	2 182 329,003	29,275	28,814	64	88	33 293	9 374,290	45 274,056	4,830	4,368
15	39	98 291	73 031,698	2 107 783,988	28,861	28,400	65	89	28 810	7 952,896	35 899,766	4,514	4,052
16	40	98 209	71 539,599	2 034 752,291	28,442	27,981	66	90	24 360	6 592,758	27 946,870	4,239	3,777
17	41	98 114	70 069,128	1 963 212,692	28,018	27,557	67	91	20 249	5 372,605	21 354,112	3,975	3,513
18	42	98 002	68 616,910	1 893 143,564	27,590	27,128	68	92	16 353	4 253,894	15 981,507	3,757	3,295
19	43	97 867	67 179,242	1 824 526,654	27,159	26,697	69	93	13 005	3 316,573	11 727,613	3,536	3,074
20	44	97 719	65 762,411	1 757 347,412	26,723	26,261	70	94	10 094	2 523,669	8 411,040	3,333	2,871
21	45	97 557	64 365,899	1 691 585,001	26,281	25,819	71	95	7 636	1 871,702	5 887,371	3,145	2,684
22	46	97 381	62 989,670	1 627 219,103	25,833	25,371	72	96	5 621	1 350,793	4 015,669	2,973	2,511
23	47	97 192	61 634,791	1 564 229,433	25,379	24,917	73	97	4 021	947,360	2 664,876	2,813	2,351
24	48	96 982	60 295,923	1 502 594,642	24,920	24,459	74	98	2 790	644,464	1 717,516	2,665	2,203
25	49	96 757	58 976,092	1 442 298,719	24,456	23,994	75	99	1 873	424,131	1 073,052	2,530	2,068
26	50	96 504	57 669,026	1 383 322,626	23,987	23,526	76	100	1 215	269,806	648,921	2,405	1,944
27	51	96 236	56 380,929	1 325 653,600	23,512	23,051							
28	52	95 940	55 105,271	1 269 272,672	23,034	22,572							
29	53	95 619	53 844,082	1 214 167,401	22,550	22,088							
30	54	95 269	52 594,997	1 160 323,318	22,061	21,600							
31	55	94 904	51 366,281	1 107 728,322	21,565	21,104							
32	56	94 500	50 144,852	1 056 362,040	21,066	20,605							
33	57	94 074	48 940,170	1 006 217,188	20,560	20,099							
34	58	93 627	47 752,322	957 277,019	20,047	19,585							
35	59	93 140	46 572,466	909 524,696	19,529	19,068							
36	60	92 622	45 405,504	862 952,230	19,005	18,544							
37	61	92 042	44 236,292	817 546,726	18,481	18,020							
38	62	91 426	43 078,770	773 310,434	17,951	17,489							
39	63	90 749	41 921,560	730 231,665	17,419	16,957							
40	64	90 035	40 775,782	688 310,104	16,880	16,419							
41	65	89 258	39 631,548	647 534,322	16,339	15,877							
42	66	88 440	38 498,214	607 902,774	15,790	15,329							
43	67	87 549	37 363,250	569 404,561	15,240	14,778							
44	68	86 595	36 231,391	532 041,311	14,685	14,223							
45	69	85 583	35 106,061	495 809,920	14,123	13,662							
46	70	84 487	33 976,714	460 703,859	13,559	13,098							
47	71	83 300	32 842,506	426 727,146	12,993	12,532							
48	72	81 990	31 692,159	393 884,639	12,428	11,967							
49	73	80 544	30 522,701	362 192,480	11,866	11,405							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	25	99 341	99 341,258	3 373 387,374	33,958	33,496	50	75	77 481	28 786,315	311 032,376	10,805	10,343
1	26	98 935	96 995,349	3 274 046,116	33,755	33,293	51	76	75 515	27 505,808	282 246,062	10,261	9,800
2	27	98 879	95 039,865	3 177 050,767	33,429	32,967	52	77	73 317	26 181,539	254 740,254	9,730	9,268
3	28	98 834	93 133,725	3 082 010,902	33,092	32,631	53	78	70 927	24 831,625	228 558,715	9,204	8,743
4	29	98 796	91 271,790	2 988 877,178	32,747	32,285	54	79	68 274	23 433,970	203 727,090	8,694	8,232
5	30	98 754	89 444,594	2 897 605,388	32,396	31,934	55	80	65 388	22 003,258	180 293,120	8,194	7,732
6	31	98 715	87 656,487	2 808 160,794	32,036	31,574	56	81	62 233	20 531,000	158 289,863	7,710	7,248
7	32	98 675	85 902,700	2 720 504,307	31,670	31,208	57	82	58 839	19 030,775	137 758,862	7,239	6,777
8	33	98 632	84 181,544	2 634 601,606	31,297	30,835	58	83	55 147	17 486,934	118 728,088	6,790	6,328
9	34	98 588	82 493,877	2 550 420,062	30,916	30,455	59	84	51 234	15 927,609	101 241,153	6,356	5,895
10	35	98 538	80 835,647	2 467 926,185	30,530	30,069	60	85	47 076	14 347,830	85 313,545	5,946	5,484
11	36	98 490	79 212,032	2 387 090,538	30,135	29,674	61	86	42 731	12 768,351	70 965,715	5,558	5,096
12	37	98 435	77 615,289	2 307 878,505	29,735	29,273	62	87	38 273	11 211,917	58 197,364	5,191	4,729
13	38	98 371	76 044,348	2 230 263,216	29,328	28,867	63	88	33 719	9 684,217	46 985,447	4,852	4,390
14	39	98 306	74 503,514	2 154 218,868	28,914	28,453	64	89	29 221	8 227,935	37 301,230	4,533	4,072
15	40	98 226	72 983,384	2 079 715,354	28,496	28,034	65	90	24 733	6 827,426	29 073,295	4,258	3,797
16	41	98 139	71 489,075	2 006 731,970	28,070	27,609	66	91	20 589	5 572,228	22 245,869	3,992	3,531
17	42	98 035	70 012,967	1 935 242,895	27,641	27,180	67	92	16 651	4 417,965	16 673,641	3,774	3,312
18	43	97 915	68 555,835	1 865 229,927	27,207	26,746	68	93	13 259	3 448,947	12 255,675	3,553	3,092
19	44	97 767	67 110,455	1 796 674,092	26,772	26,310	69	94	10 309	2 629,205	8 806,728	3,350	2,888
20	45	97 610	65 688,549	1 729 563,637	26,330	25,868	70	95	7 814	1 953,616	6 177,524	3,162	2,700
21	46	97 433	64 284,203	1 663 875,088	25,883	25,421	71	96	5 765	1 413,033	4 223,908	2,989	2,528
22	47	97 244	62 900,911	1 599 590,885	25,430	24,969	72	97	4 133	993,232	2 810,874	2,830	2,368
23	48	97 033	61 534,011	1 536 689,974	24,973	24,511	73	98	2 876	677,579	1 817,642	2,683	2,221
24	49	96 811	60 189,294	1 475 155,963	24,509	24,047	74	99	1 939	447,779	1 140,063	2,546	2,084
25	50	96 557	58 854,740	1 414 966,669	24,042	23,580	75	100	1 263	285,906	692,284	2,421	1,960
26	51	96 292	57 541,981	1 356 111,929	23,567	23,106							
27	52	96 000	56 242,976	1 298 569,948	23,089	22,627							
28	53	95 676	54 953,987	1 242 326,972	22,607	22,145							
29	54	95 331	53 682,198	1 187 372,985	22,119	21,657							
30	55	94 965	52 427,155	1 133 690,787	21,624	21,163							
31	56	94 568	51 184,282	1 081 263,633	21,125	20,663							
32	57	94 144	49 955,695	1 030 079,351	20,620	20,158							
33	58	93 698	48 744,577	980 123,655	20,107	19,646							
34	59	93 214	47 541,624	931 379,078	19,591	19,129							
35	60	92 700	46 352,550	883 837,454	19,068	18,606							
36	61	92 123	45 160,798	837 484,904	18,545	18,083							
37	62	91 513	43 982,079	792 324,106	18,015	17,553							
38	63	90 849	42 807,044	748 342,027	17,482	17,020							
39	64	90 138	41 639,099	705 534,983	16,944	16,482							
40	65	89 373	40 476,104	663 895,884	16,402	15,941							
41	66	88 561	39 322,030	623 419,781	15,854	15,393							
42	67	87 683	38 168,890	584 097,750	15,303	14,841							
43	68	86 750	37 022,037	545 928,860	14,746	14,284							
44	69	85 754	35 879,562	508 906,823	14,184	13,722							
45	70	84 674	34 733,181	473 027,261	13,619	13,157							
46	71	83 506	33 582,423	438 294,080	13,051	12,590							
47	72	82 227	32 419,587	404 711,657	12,484	12,022							
48	73	80 803	31 233,328	372 292,070	11,920	11,458							
49	74	79 234	30 026,365	341 058,741	11,359	10,897							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1	0	99 613	97 660,018	3 750 705,914	38,406	37,944
2	1	99 267	95 412,031	3 653 045,896	38,287	37,825
3	2	99 222	93 498,864	3 557 633,865	38,050	37,588
4	3	99 193	91 639,156	3 464 135,001	37,802	37,340
5	4	99 169	89 820,342	3 372 495,845	37,547	37,086
6	5	99 146	88 039,151	3 282 675,503	37,287	36,825
7	6	99 126	86 295,051	3 194 636,352	37,020	36,558
8	7	99 109	84 588,653	3 108 341,302	36,747	36,285
9	8	99 092	82 916,027	3 023 752,649	36,468	36,006
10	9	99 077	81 277,852	2 940 836,622	36,183	35,721
11	10	99 062	79 671,551	2 859 558,770	35,892	35,430
12	11	99 046	78 097,118	2 779 887,219	35,595	35,134
13	12	99 027	76 551,159	2 701 790,102	35,294	34,832
14	13	99 008	75 035,792	2 625 238,943	34,986	34,525
15	14	98 984	73 546,872	2 550 203,150	34,675	34,213
16	15	98 956	72 084,126	2 476 656,278	34,358	33,896
17	16	98 918	70 643,472	2 404 572,152	34,038	33,577
18	17	98 869	69 224,188	2 333 928,680	33,716	33,254
19	18	98 806	67 823,290	2 264 704,492	33,391	32,930
20	19	98 735	66 445,747	2 196 881,202	33,063	32,601
21	20	98 661	65 094,402	2 130 435,455	32,728	32,267
22	21	98 586	63 769,394	2 065 341,053	32,388	31,926
23	22	98 513	62 472,715	2 001 571,659	32,039	31,578
24	23	98 440	61 202,008	1 939 098,943	31,684	31,222
25	24	98 362	59 954,686	1 877 896,935	31,322	30,860
26	25	98 288	58 734,937	1 817 942,249	30,952	30,490
27	26	98 209	57 537,154	1 759 207,313	30,575	30,114
28	27	98 124	56 359,928	1 701 670,159	30,193	29,731
29	28	98 039	55 206,793	1 645 310,231	29,803	29,341
30	29	97 949	54 075,037	1 590 103,439	29,405	28,944
31	30	97 859	52 965,617	1 536 028,402	29,000	28,539
32	31	97 761	51 875,326	1 483 062,784	28,589	28,127
33	32	97 660	50 805,428	1 431 187,458	28,170	27,708
34	33	97 551	49 753,580	1 380 382,030	27,744	27,283
35	34	97 438	48 721,509	1 330 628,450	27,311	26,849
36	35	97 314	47 705,789	1 281 906,942	26,871	26,409
37	36	97 190	46 710,597	1 234 201,153	26,422	25,961
38	37	97 052	45 729,508	1 187 490,556	25,968	25,506
39	38	96 893	44 759,671	1 141 761,048	25,509	25,047
40	39	96 728	43 807,252	1 097 001,377	25,042	24,580
41	40	96 540	42 864,814	1 053 194,125	24,570	24,109
42	41	96 340	41 937,136	1 010 329,310	24,092	23,630
43	42	96 115	41 019,056	968 392,174	23,608	23,147
44	43	95 859	40 107,318	927 373,118	23,122	22,661
45	44	95 570	39 202,492	887 265,800	22,633	22,171
46	45	95 251	38 305,614	848 063,308	22,139	21,678
47	46	94 895	37 414,085	809 757,693	21,643	21,182
48	47	94 488	36 523,052	772 343,609	21,147	20,685
49	48	94 031	35 633,711	735 820,556	20,650	20,188
50	49	93 528	34 748,251	700 186,845	20,150	19,689
51	50	92 962	33 860,801	665 438,595	19,652	19,191
52	51	92 318	32 967,022	631 577,794	19,158	18,696
53	52	91 632	32 080,126	598 610,772	18,660	18,198
54	53	90 876	31 191,634	566 530,646	18,163	17,701
55	54	90 041	30 299,283	535 339,012	17,668	17,207
56	55	89 147	29 410,037	505 039,729	17,172	16,711
57	56	88 183	28 521,780	475 629,692	16,676	16,214
58	57	87 144	27 632,935	447 107,912	16,180	15,719
59	58	86 032	26 745,547	419 474,977	15,684	15,222
60	59	84 835	25 856,304	392 729,430	15,189	14,727
61	60	83 557	24 967,435	366 873,126	14,694	14,232
62	61	82 179	24 074,132	341 905,691	14,202	13,741
63	62	80 727	23 185,127	317 831,559	13,708	13,247
64	63	79 204	22 301,561	294 646,433	13,212	12,750
65	64	77 561	21 410,836	272 344,871	12,720	12,258
66	65	75 832	20 522,965	250 934,035	12,227	11,765
67	66	73 995	19 633,198	230 411,070	11,736	11,274
68	67	72 050	18 742,363	210 777,871	11,246	10,784
69	68	70 025	17 858,424	192 035,508	10,753	10,292
70	69	67 893	16 975,134	174 177,084	10,261	9,799
71	70	65 643	16 090,631	157 201,951	9,770	9,308
72	71	63 263	15 203,383	141 111,319	9,282	8,820
73	72	60 756	14 314,482	125 907,936	8,796	8,334
74	73	58 089	13 417,789	111 593,454	8,317	7,855
75	74	55 209	12 502,511	98 175,665	7,852	7,391
76	75	52 153	11 578,938	85 673,154	7,399	6,937
77	76	48 910	10 646,009	74 094,216	6,960	6,498
78	77	45 482	9 705,678	63 448,208	6,537	6,076
79	78	41 885	8 762,900	53 742,530	6,133	5,671
80	79	38 156	7 826,172	44 979,630	5,747	5,286
81	80	34 379	6 913,142	37 153,458	5,374	4,913
82	81	30 543	6 021,375	30 240,316	5,022	4,561
83	82	26 753	5 170,733	24 218,941	4,684	4,222
84	83	23 055	4 368,758	19 048,208	4,360	3,898
85	84	19 488	3 620,307	14 679,450	4,055	3,593
86	85	16 114	2 934,953	11 059,143	3,768	3,306
87	86	12 994	2 320,164	8 124,190	3,502	3,040
88	87	10 178	1 781,689	5 804,026	3,258	2,796
89	88	7 730	1 326,589	4 022,337	3,032	2,570
90	89	5 649	950,592	2 695,748	2,836	2,374
91	90	3 996	659,257	1 745,156	2,647	2,186
92	91	2 703	437,124	1 085,898	2,484	2,023
93	92	1 742	276,161	648,775	2,349	1,888
94	93	1 081	168,003	372,613	2,218	1,756
95	94	640	97,467	204,610	2,099	1,638
96	95	360	53,782	107,144	1,992	1,531
97	96	192	28,152	53,362	1,895	1,434
98	97	97	13,943	25,210	1,808	1,347
99	98	46	6,516	11,267	1,729	1,268
100	99	21	2,866	4,751	1,658	1,196

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$\ddot{a}^{(12)}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$\ddot{a}^{(12)}_{xy}$
0							50	48	93 694	34 809,809	707 328,828	20,320	19,858
1							51	49	93 154	33 930,618	672 519,018	19,820	19,359
2	0	99 581	95 713,787	3 661 352,372	38,253	37,792	52	50	92 522	33 039,808	638 588,400	19,328	18,866
3	1	99 248	93 523,551	3 565 638,586	38,126	37,664	53	51	91 856	32 158,812	605 548,592	18,830	18,368
4	2	99 208	91 652,806	3 472 115,034	37,883	37,422	54	52	91 126	31 277,502	573 389,780	18,332	17,871
5	3	99 180	89 830,379	3 380 462,228	37,632	37,170	55	53	90 313	30 390,654	542 112,278	17,838	17,377
6	4	99 158	88 049,645	3 290 631,849	37,372	36,911	56	54	89 432	29 504,191	511 721,624	17,344	16,882
7	5	99 136	86 303,774	3 202 582,204	37,108	36,647	57	55	88 497	28 623,197	482 217,433	16,847	16,385
8	6	99 118	84 596,020	3 116 278,431	36,837	36,376	58	56	87 474	27 737,567	453 594,236	16,353	15,891
9	7	99 101	82 923,144	3 031 682,411	36,560	36,099	59	57	86 378	26 852,867	425 856,669	15,859	15,397
10	8	99 085	81 283,838	2 948 759,267	36,277	35,816	60	58	85 211	25 970,896	399 003,803	15,363	14,902
11	9	99 068	79 677,047	2 867 475,429	35,989	35,527	61	59	83 954	25 085,891	373 032,907	14,870	14,409
12	10	99 053	78 102,661	2 787 798,381	35,694	35,232	62	60	82 624	24 204,579	347 947,016	14,375	13,914
13	11	99 035	76 557,281	2 709 695,721	35,394	34,933	63	61	81 194	23 319,135	323 742,437	13,883	13,422
14	12	99 016	75 041,833	2 633 138,439	35,089	34,627	64	62	79 707	22 443,125	300 423,302	13,386	12,924
15	13	98 993	73 553,461	2 558 096,606	34,779	34,317	65	63	78 087	21 556,078	277 980,177	12,896	12,434
16	14	98 967	72 091,940	2 484 543,145	34,464	34,002	66	64	76 393	20 674,914	256 424,100	12,403	11,941
17	15	98 930	70 652,359	2 412 451,205	34,145	33,684	67	65	74 577	19 787,738	235 749,186	11,914	11,452
18	16	98 884	69 234,842	2 341 798,846	33,824	33,362	68	66	72 672	18 904,073	215 961,448	11,424	10,962
19	17	98 822	67 834,175	2 272 564,005	33,502	33,040	69	67	70 671	18 023,016	197 057,374	10,934	10,472
20	18	98 757	66 460,927	2 204 729,829	33,173	32,712	70	68	68 559	17 141,589	179 034,359	10,444	9,983
21	19	98 682	65 107,850	2 138 268,902	32,842	32,380	71	69	66 347	16 263,373	161 892,769	9,954	9,493
22	20	98 608	63 783,554	2 073 161,053	32,503	32,041	72	70	64 006	15 381,886	145 629,396	9,468	9,006
23	21	98 534	62 485,793	2 009 377,499	32,157	31,696	73	71	61 548	14 501,217	130 247,511	8,982	8,520
24	22	98 462	61 215,740	1 946 891,706	31,804	31,342	74	72	58 942	13 614,901	115 746,293	8,501	8,040
25	23	98 385	59 968,394	1 885 675,965	31,444	30,983	75	73	56 122	12 709,178	102 131,392	8,036	7,574
26	24	98 308	58 746,811	1 825 707,572	31,078	30,616	76	74	53 142	11 798,478	89 422,214	7,579	7,118
27	25	98 231	57 549,813	1 766 960,760	30,703	30,242	77	75	49 983	10 879,459	77 623,736	7,135	6,673
28	26	98 147	56 373,269	1 709 410,947	30,323	29,861	78	76	46 624	9 949,366	66 744,276	6,708	6,247
29	27	98 065	55 221,628	1 653 037,677	29,935	29,473	79	77	43 080	9 012,767	56 794,911	6,302	5,840
30	28	97 974	54 088,715	1 597 816,050	29,541	29,079	80	78	39 420	8 085,458	47 782,143	5,910	5,448
31	29	97 887	52 980,819	1 543 727,335	29,137	28,676	81	79	35 674	7 173,586	39 696,685	5,534	5,072
32	30	97 789	51 890,013	1 490 746,516	28,729	28,267	82	80	31 874	6 283,823	32 523,099	5,176	4,714
33	31	97 689	50 820,777	1 438 856,504	28,312	27,851	83	81	28 089	5 429,106	26 239,277	4,833	4,371
34	32	97 585	49 771,222	1 388 035,727	27,888	27,427	84	82	24 401	4 623,730	20 810,170	4,501	4,039
35	33	97 473	48 739,330	1 338 264,504	27,458	26,996	85	83	20 792	3 862,533	16 186,440	4,191	3,729
36	34	97 356	47 726,062	1 289 525,175	27,019	26,558	86	84	17 371	3 163,741	12 323,908	3,895	3,434
37	35	97 229	46 729,184	1 241 799,113	26,574	26,113	87	85	14 166	2 529,441	9 160,167	3,621	3,160
38	36	97 098	45 751,249	1 195 069,929	26,121	25,659	88	86	11 236	1 967,028	6 630,676	3,371	2,909
39	37	96 945	44 783,571	1 149 318,680	25,664	25,202	89	87	8 668	1 487,694	4 663,648	3,135	2,673
40	38	96 782	43 831,654	1 104 535,108	25,199	24,738	90	88	6 437	1 083,033	3 175,954	2,932	2,471
41	39	96 604	42 893,190	1 060 703,454	24,729	24,267	91	89	4 655	767,933	2 092,921	2,725	2,264
42	40	96 408	41 966,774	1 017 810,264	24,253	23,791	92	90	3 198	517,181	1 324,988	2,562	2,100
43	41	96 193	41 051,959	975 843,490	23,771	23,309	93	91	2 118	335,835	807,807	2,405	1,944
44	42	95 944	40 143,049	934 791,531	23,287	22,825	94	92	1 333	207,213	471,972	2,278	1,816
45	43	95 668	39 242,674	894 648,482	22,798	22,336	95	93	807	122,948	264,759	2,153	1,692
46	44	95 358	38 348,686	855 405,808	22,306	21,844	96	94	465	69,475	141,812	2,041	1,580
47	45	95 016	37 461,632	817 057,122	21,811	21,349	97	95	255	37,290	72,336	1,940	1,478
48	46	94 621	36 574,590	779 595,490	21,315	20,854	98	96	132	18,962	35,046	1,848	1,387
49	47	94 185	35 692,072	743 020,900	20,818	20,356	99	97	65	9,110	16,084	1,766	1,304
							100	98	30	4,125	6,974	1,691	1,229

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	47	93 847	34 866,821	713 942,832	20,476	20,015
1							51	48	93 319	33 990,729	679 076,012	19,978	19,517
2							52	49	92 713	33 107,933	645 085,283	19,484	19,023
3	0	99 562	93 819,334	3 573 335,990	38,087	37,626	53	50	92 059	32 229,814	611 977,350	18,988	18,526
4	1	99 234	91 677,006	3 479 516,656	37,954	37,492	54	51	91 349	31 354,219	579 747,536	18,490	18,029
5	2	99 195	89 843,760	3 387 839,650	37,708	37,247	55	52	90 561	30 474,317	548 393,317	17,995	17,534
6	3	99 169	88 059,484	3 297 995,890	37,452	36,990	56	53	89 702	29 593,164	517 918,999	17,501	17,040
7	4	99 148	86 314,061	3 209 936,406	37,189	36,727	57	54	88 780	28 714,832	488 325,835	17,006	16,544
8	5	99 128	84 604,571	3 123 622,345	36,920	36,459	58	55	87 785	27 836,195	459 611,003	16,511	16,050
9	6	99 109	82 930,366	3 039 017,774	36,645	36,184	59	56	86 705	26 954,545	431 774,808	16,019	15,557
10	7	99 093	81 290,815	2 956 087,408	36,364	35,903	60	57	85 553	26 075,107	404 820,264	15,525	15,064
11	8	99 076	79 682,916	2 874 796,593	36,078	35,616	61	58	84 326	25 197,068	378 745,157	15,031	14,570
12	9	99 060	78 108,049	2 795 113,677	35,785	35,324	62	59	83 016	24 319,416	353 548,089	14,538	14,076
13	10	99 042	76 562,715	2 717 005,628	35,487	35,026	63	60	81 634	23 445,491	329 228,673	14,042	13,581
14	11	99 024	75 047,835	2 640 442,913	35,183	34,722	64	61	80 167	22 572,844	305 783,182	13,547	13,085
15	12	99 001	73 559,382	2 565 395,079	34,875	34,414	65	62	78 583	21 692,909	283 210,338	13,055	12,594
16	13	98 976	72 098,398	2 491 835,696	34,562	34,100	66	63	76 911	20 815,163	261 517,429	12,564	12,102
17	14	98 941	70 660,018	2 419 737,298	34,245	33,783	67	64	75 130	19 934,243	240 702,265	12,075	11,613
18	15	98 897	69 243,552	2 349 077,280	33,925	33,463	68	65	73 244	19 052,874	220 768,022	11,587	11,126
19	16	98 837	67 844,615	2 279 833,728	33,604	33,142	69	66	71 280	18 178,519	201 715,148	11,096	10,635
20	17	98 773	66 471,594	2 211 989,114	33,277	32,816	70	67	69 191	17 299,574	183 536,629	10,609	10,148
21	18	98 704	65 122,724	2 145 517,520	32,946	32,484	71	68	66 998	16 422,849	166 237,054	10,122	9,661
22	19	98 628	63 796,730	2 080 394,795	32,610	32,148	72	69	64 693	15 547,018	149 814,205	9,636	9,175
23	20	98 556	62 499,667	2 016 598,065	32,266	31,804	73	70	62 271	14 671,476	134 267,187	9,152	8,690
24	21	98 482	61 228,555	1 954 098,398	31,915	31,453	74	71	59 711	13 792,510	119 595,711	8,671	8,209
25	22	98 407	59 981,850	1 892 869,843	31,557	31,096	75	72	56 946	12 895,881	105 803,201	8,204	7,743
26	23	98 330	58 760,243	1 832 887,993	31,193	30,731	76	73	54 021	11 993,507	92 907,320	7,746	7,285
27	24	98 251	57 561,449	1 774 127,750	30,821	30,360	77	74	50 930	11 085,738	80 913,813	7,299	6,837
28	25	98 169	56 385,673	1 716 566,302	30,443	29,982	78	75	47 646	10 167,540	69 828,075	6,868	6,406
29	26	98 088	55 234,700	1 660 180,629	30,057	29,595	79	76	44 161	9 239,058	59 660,535	6,457	5,996
30	27	98 001	54 103,249	1 604 945,929	29,665	29,203	80	77	40 544	8 316,009	50 421,477	6,063	5,602
31	28	97 912	52 994,219	1 550 842,679	29,264	28,803	81	78	36 856	7 411,252	42 105,468	5,681	5,220
32	29	97 817	51 904,905	1 497 848,460	28,858	28,396	82	79	33 075	6 520,557	34 694,217	5,321	4,859
33	30	97 717	50 835,165	1 445 943,555	28,444	27,982	83	80	29 314	5 665,739	28 173,659	4,973	4,511
34	31	97 615	49 786,259	1 395 108,389	28,022	27,560	84	81	25 620	4 854,770	22 507,920	4,636	4,175
35	32	97 508	48 756,613	1 345 322,130	27,593	27,131	85	82	22 005	4 087,960	17 653,150	4,318	3,857
36	33	97 391	47 743,519	1 296 565,518	27,157	26,695	86	83	18 533	3 375,419	13 565,189	4,019	3,557
37	34	97 270	46 749,042	1 248 821,999	26,713	26,252	87	84	15 270	2 726,672	10 189,771	3,737	3,275
38	35	97 136	45 769,454	1 202 072,958	26,264	25,802	88	85	12 250	2 144,495	7 463,099	3,480	3,019
39	36	96 991	44 804,863	1 156 303,504	25,808	25,346	89	86	9 570	1 642,450	5 318,604	3,238	2,777
40	37	96 834	43 855,059	1 111 498,640	25,345	24,883	90	87	7 218	1 214,560	3 676,154	3,027	2,565
41	38	96 658	42 917,083	1 067 643,582	24,877	24,415	91	88	5 304	874,925	2 461,594	2,813	2,352
42	39	96 472	41 994,556	1 024 726,499	24,401	23,940	92	89	3 725	602,436	1 586,669	2,634	2,172
43	40	96 260	41 080,971	982 731,943	23,922	23,460	93	90	2 506	397,341	984,233	2,477	2,015
44	41	96 021	40 175,249	941 650,972	23,439	22,977	94	91	1 621	251,988	586,891	2,329	1,867
45	42	95 753	39 277,635	901 475,722	22,951	22,490	95	92	995	151,642	334,904	2,209	1,747
46	43	95 456	38 387,993	862 198,088	22,460	21,998	96	93	587	87,638	183,261	2,091	1,630
47	44	95 122	37 503,755	823 810,095	21,966	21,504	97	94	329	48,171	95,623	1,985	1,523
48	45	94 741	36 621,071	786 306,340	21,471	21,010	98	95	175	25,117	47,452	1,889	1,428
49	46	94 318	35 742,437	749 685,269	20,975	20,513	99	96	88	12,390	22,335	1,803	1,341
							100	97	42	5,767	9,945	1,724	1,263

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	46	93 980	34 916,021	720 052,877	20,622	20,161
1							51	47	93 472	34 046,398	685 136,856	20,124	19,662
2							52	48	92 877	33 166,586	651 090,457	19,631	19,169
3							53	49	92 249	32 296,269	617 923,871	19,133	18,671
4	0	99 548	91 966,949	3 486 638,545	37,912	37,450	54	50	91 551	31 423,445	585 627,603	18,637	18,175
5	1	99 221	89 867,482	3 394 671,596	37,774	37,313	55	51	90 784	30 549,065	554 204,158	18,141	17,680
6	2	99 184	88 072,602	3 304 804,114	37,524	37,062	56	52	89 949	29 674,632	523 655,093	17,647	17,185
7	3	99 159	86 323,706	3 216 731,513	37,264	36,802	57	53	89 048	28 801,425	493 980,461	17,151	16,690
8	4	99 140	84 614,656	3 130 407,807	36,996	36,534	58	54	88 066	27 925,311	465 179,036	16,658	16,196
9	5	99 119	82 938,749	3 045 793,151	36,723	36,262	59	55	87 013	27 050,389	437 253,726	16,164	15,703
10	6	99 102	81 297,895	2 962 854,402	36,444	35,983	60	56	85 877	26 173,840	410 203,337	15,672	15,211
11	7	99 084	79 689,755	2 881 556,507	36,160	35,698	61	57	84 664	25 298,174	384 029,497	15,180	14,719
12	8	99 067	78 113,802	2 801 866,751	35,869	35,407	62	58	83 384	24 427,196	358 731,323	14,686	14,224
13	9	99 049	76 567,997	2 723 752,950	35,573	35,111	63	59	82 021	23 556,726	334 304,127	14,191	13,730
14	10	99 031	75 053,161	2 647 184,953	35,271	34,809	64	60	80 602	22 695,156	310 747,401	13,692	13,231
15	11	99 009	73 565,265	2 572 131,792	34,964	34,502	65	61	79 037	21 818,292	288 052,244	13,202	12,741
16	12	98 984	72 104,203	2 498 566,527	34,652	34,191	66	62	77 400	20 947,292	266 233,952	12,710	12,248
17	13	98 950	70 666,348	2 426 462,324	34,337	33,875	67	63	75 639	20 069,468	245 286,660	12,222	11,760
18	14	98 908	69 251,058	2 355 795,977	34,018	33,557	68	64	73 786	19 193,938	225 217,192	11,734	11,272
19	15	98 849	67 853,150	2 286 544,919	33,698	33,237	69	65	71 842	18 321,609	206 023,254	11,245	10,783
20	16	98 788	66 481,824	2 218 691,769	33,373	32,911	70	66	69 788	17 448,836	187 701,645	10,757	10,296
21	17	98 720	65 133,176	2 152 209,945	33,043	32,582	71	67	67 615	16 574,210	170 252,809	10,272	9,811
22	18	98 651	63 811,306	2 087 076,768	32,707	32,245	72	68	65 328	15 699,470	153 678,599	9,789	9,327
23	19	98 576	62 512,578	2 023 265,463	32,366	31,904	73	69	62 940	14 828,982	137 979,129	9,305	8,843
24	20	98 504	61 242,150	1 960 752,884	32,016	31,555	74	70	60 412	13 954,448	123 150,147	8,825	8,364
25	21	98 427	59 994,406	1 899 510,734	31,661	31,200	75	71	57 689	13 064,110	109 195,699	8,358	7,897
26	22	98 353	58 773,428	1 839 516,329	31,298	30,837	76	72	54 814	12 169,697	96 131,589	7,899	7,438
27	23	98 273	57 574,609	1 780 742,901	30,929	30,468	77	73	51 772	11 268,985	83 961,893	7,451	6,989
28	24	98 189	56 397,073	1 723 168,292	30,554	30,093	78	74	48 550	10 360,320	72 692,908	7,016	6,555
29	25	98 110	55 246,853	1 666 771,219	30,170	29,708	79	75	45 130	9 441,656	62 332,588	6,602	6,140
30	26	98 024	54 116,057	1 611 524,366	29,779	29,317	80	76	41 562	8 524,805	52 890,931	6,204	5,743
31	27	97 938	53 008,460	1 557 408,309	29,380	28,919	81	77	37 907	7 622,578	44 366,126	5,820	5,359
32	28	97 842	51 918,034	1 504 399,849	28,976	28,515	82	78	34 171	6 736,588	36 743,548	5,454	4,993
33	29	97 745	50 849,755	1 452 481,815	28,564	28,103	83	79	30 418	5 879,188	30 006,960	5,104	4,642
34	30	97 642	49 800,354	1 401 632,060	28,145	27,683	84	80	26 737	5 066,370	24 127,771	4,762	4,301
35	31	97 537	48 771,343	1 351 831,706	27,718	27,256	85	81	23 105	4 292,229	19 061,401	4,441	3,979
36	32	97 426	47 760,448	1 303 060,363	27,283	26,822	86	82	19 614	3 572,417	14 769,172	4,134	3,673
37	33	97 306	46 766,141	1 255 299,915	26,842	26,380	87	83	16 292	2 909,107	11 196,755	3,849	3,387
38	34	97 178	45 788,904	1 208 533,774	26,394	25,932	88	84	13 205	2 311,664	8 287,648	3,585	3,124
39	35	97 030	44 822,692	1 162 744,870	25,941	25,479	89	85	10 433	1 790,634	5 975,984	3,337	2,876
40	36	96 880	43 875,909	1 117 922,178	25,479	25,018	90	86	7 969	1 340,904	4 185,350	3,121	2,660
41	37	96 709	42 939,999	1 074 046,269	25,013	24,551	91	87	5 948	981,178	2 844,447	2,899	2,437
42	38	96 525	42 017,948	1 031 106,270	24,540	24,078	92	88	4 244	686,370	1 863,268	2,715	2,253
43	39	96 324	41 108,166	989 088,322	24,061	23,599	93	89	2 919	462,841	1 176,898	2,543	2,081
44	40	96 089	40 203,642	947 980,156	23,579	23,118	94	90	1 918	298,138	714,057	2,395	1,933
45	41	95 830	39 309,141	907 776,513	23,093	22,632	95	91	1 210	184,410	415,919	2,255	1,794
46	42	95 541	38 422,192	868 467,372	22,603	22,142	96	92	723	108,092	231,509	2,142	1,680
47	43	95 220	37 542,196	830 045,180	22,110	21,648	97	93	415	60,765	123,417	2,031	1,569
48	44	94 848	36 662,248	792 502,985	21,616	21,155	98	94	226	32,446	62,652	1,931	1,469
49	45	94 437	35 787,860	755 840,737	21,120	20,658	99	95	117	16,412	30,206	1,841	1,379
							100	96	57	7,843	13,795	1,759	1,297

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5	0	99 535	90 151,702	3 401 252,160	37,728	37,266
6	1	99 210	88 095,856	3 311 100,457	37,585	37,124
7	2	99 174	86 336,565	3 223 004,602	37,331	36,869
8	3	99 151	84 624,111	3 136 668,037	37,066	36,604
9	4	99 131	82 948,635	3 052 043,926	36,794	36,333
10	5	99 112	81 306,113	2 969 095,291	36,517	36,056
11	6	99 093	79 696,696	2 887 789,177	36,235	35,773
12	7	99 076	78 120,506	2 808 092,481	35,946	35,484
13	8	99 056	76 573,636	2 729 971,975	35,652	35,190
14	9	99 038	75 058,339	2 653 398,339	35,351	34,890
15	10	99 016	73 570,486	2 578 340,000	35,046	34,584
16	11	98 992	72 109,969	2 504 769,514	34,735	34,274
17	12	98 958	70 672,037	2 432 659,544	34,422	33,960
18	13	98 916	69 257,262	2 361 987,508	34,105	33,643
19	14	98 860	67 860,505	2 292 730,246	33,786	33,324
20	15	98 801	66 490,187	2 224 869,741	33,462	33,000
21	16	98 735	65 143,200	2 158 379,553	33,133	32,671
22	17	98 667	63 821,547	2 093 236,353	32,798	32,337
23	18	98 599	62 526,860	2 029 414,806	32,457	31,995
24	19	98 525	61 254,802	1 966 887,946	32,110	31,648
25	20	98 449	60 007,727	1 905 633,144	31,756	31,295
26	21	98 373	58 785,731	1 845 625,417	31,396	30,934
27	22	98 295	57 587,528	1 786 839,686	31,028	30,567
28	23	98 211	56 409,967	1 729 252,158	30,655	30,193
29	24	98 130	55 258,023	1 672 842,191	30,273	29,812
30	25	98 045	54 127,964	1 617 584,168	29,884	29,423
31	26	97 961	53 021,008	1 563 456,204	29,487	29,026
32	27	97 868	51 931,985	1 510 435,196	29,085	28,623
33	28	97 770	50 862,617	1 458 503,211	28,675	28,214
34	29	97 670	49 814,647	1 407 640,594	28,258	27,796
35	30	97 565	48 785,150	1 357 825,947	27,833	27,371
36	31	97 455	47 774,877	1 309 040,797	27,400	26,939
37	32	97 340	46 782,724	1 261 265,919	26,960	26,498
38	33	97 213	45 805,652	1 214 483,195	26,514	26,052
39	34	97 071	44 841,739	1 168 677,543	26,062	25,601
40	35	96 918	43 893,368	1 123 835,803	25,604	25,142
41	36	96 755	42 960,415	1 079 942,435	25,138	24,676
42	37	96 577	42 040,384	1 036 982,021	24,666	24,205
43	38	96 378	41 131,064	994 941,637	24,190	23,728
44	39	96 152	40 230,257	953 810,572	23,709	23,247
45	40	95 898	39 336,922	913 580,315	23,224	22,763
46	41	95 618	38 453,012	874 243,394	22,735	22,274
47	42	95 305	37 575,641	835 790,382	22,243	21,781
48	43	94 945	36 699,826	798 214,741	21,750	21,288
49	44	94 544	35 828,100	761 514,914	21,255	20,793

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
50	45	94 099	34 960,394	725 686,814	20,757	20,296
51	46	93 604	34 094,441	690 726,420	20,259	19,798
52	47	93 029	33 220,906	656 631,979	19,766	19,304
53	48	92 412	32 353,483	623 411,073	19,269	18,807
54	49	91 740	31 488,237	591 057,589	18,771	18,309
55	50	90 984	30 616,513	559 569,352	18,277	17,815
56	51	90 169	29 747,418	528 952,840	17,781	17,320
57	52	89 293	28 880,713	499 205,422	17,285	16,823
58	53	88 332	28 009,523	470 324,709	16,792	16,330
59	54	87 291	27 136,989	442 315,186	16,299	15,838
60	55	86 183	26 266,908	415 178,197	15,806	15,345
61	56	84 985	25 393,965	388 911,290	15,315	14,853
62	57	83 719	24 525,212	363 517,324	14,822	14,361
63	58	82 385	23 661,127	338 992,112	14,327	13,865
64	59	80 984	22 802,832	315 330,985	13,829	13,367
65	60	79 466	21 936,516	292 528,153	13,335	12,874
66	61	77 847	21 068,365	270 591,637	12,844	12,382
67	62	76 119	20 196,863	249 523,272	12,355	11,893
68	63	74 287	19 324,141	229 326,409	11,867	11,406
69	64	72 373	18 457,259	210 002,268	11,378	10,916
70	65	70 337	17 586,182	191 545,009	10,892	10,430
71	66	68 199	16 717,213	173 958,827	10,406	9,944
72	67	65 930	15 844,164	157 241,613	9,924	9,463
73	68	63 557	14 974,393	141 397,449	9,443	8,981
74	69	61 061	14 104,256	126 423,057	8,963	8,502
75	70	58 366	13 217,495	112 318,800	8,498	8,036
76	71	55 529	12 328,452	99 101,305	8,038	7,577
77	72	52 533	11 434,531	86 772,853	7,589	7,127
78	73	49 352	10 531,576	75 338,322	7,154	6,692
79	74	45 985	9 620,673	64 806,746	6,736	6,275
80	75	42 474	8 711,741	55 186,072	6,335	5,873
81	76	38 858	7 813,964	46 474,331	5,948	5,486
82	77	35 145	6 928,677	38 660,367	5,580	5,118
83	78	31 426	6 073,970	31 731,690	5,224	4,763
84	79	27 744	5 257,239	25 657,720	4,880	4,419
85	80	24 112	4 479,310	20 400,481	4,554	4,093
86	81	20 595	3 750,925	15 921,171	4,245	3,783
87	82	17 243	3 078,890	12 170,246	3,953	3,491
88	83	14 089	2 466,332	9 091,356	3,686	3,225
89	84	11 247	1 930,219	6 625,024	3,432	2,971
90	85	8 688	1 461,881	4 694,806	3,211	2,750
91	86	6 567	1 083,245	3 232,925	2,984	2,523
92	87	4 759	769,725	2 149,680	2,793	2,331
93	88	3 326	527,327	1 379,955	2,617	2,155
94	89	2 234	347,285	852,629	2,455	1,994
95	90	1 432	218,183	505,344	2,316	1,855
96	91	880	131,449	287,160	2,185	1,723
97	92	512	74,947	155,712	2,078	1,616
98	93	285	40,928	80,765	1,973	1,512
99	94	151	21,201	39,836	1,879	1,417
100	95	75	10,389	18,636	1,794	1,332

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	44	94 205	34 999,704	730 872,613	20,882	20,421
1							51	45	93 723	34 137,770	695 872,909	20,384	19,923
2							52	46	93 161	33 267,784	661 735,139	19,891	19,430
3							53	47	92 564	32 406,472	628 467,356	19,393	18,932
4							54	48	91 902	31 544,020	596 060,884	18,896	18,435
5							55	49	91 172	30 679,641	564 516,863	18,400	17,939
6	0	99 524	88 374,473	3 317 174,106	37,535	37,074	56	50	90 368	29 813,096	533 837,223	17,906	17,445
7	1	99 200	86 359,361	3 228 799,633	37,388	36,926	57	51	89 512	28 951,552	504 024,127	17,409	16,948
8	2	99 165	84 636,717	3 142 440,273	37,129	36,667	58	52	88 575	28 086,631	475 072,575	16,915	16,453
9	3	99 142	82 957,904	3 057 803,556	36,860	36,398	59	53	87 555	27 218,823	446 985,944	16,422	15,960
10	4	99 124	81 315,805	2 974 845,652	36,584	36,122	60	54	86 458	26 351,000	419 767,121	15,930	15,468
11	5	99 103	79 704,752	2 893 529,847	36,303	35,841	61	55	85 287	25 484,260	393 416,121	15,438	14,976
12	6	99 084	78 127,310	2 813 825,095	36,016	35,554	62	56	84 036	24 618,077	367 931,861	14,946	14,484
13	7	99 065	76 580,209	2 735 697,784	35,723	35,262	63	57	82 715	23 756,069	343 313,784	14,452	13,990
14	8	99 045	75 063,867	2 659 117,576	35,425	34,963	64	58	81 343	22 903,891	319 557,715	13,952	13,491
15	9	99 023	73 575,562	2 584 053,709	35,121	34,659	65	59	79 843	22 040,592	296 653,824	13,459	12,998
16	10	98 999	72 115,087	2 510 478,147	34,812	34,350	66	60	78 269	21 182,525	274 613,232	12,964	12,503
17	11	98 966	70 677,689	2 438 363,060	34,500	34,038	67	61	76 559	20 313,599	253 430,706	12,476	12,014
18	12	98 924	69 262,837	2 367 685,371	34,184	33,722	68	62	74 758	19 446,805	233 117,107	11,987	11,526
19	13	98 869	67 866,584	2 298 422,533	33,867	33,405	69	63	72 864	18 582,465	213 670,302	11,498	11,037
20	14	98 812	66 497,395	2 230 555,949	33,544	33,082	70	64	70 858	17 716,387	195 087,837	11,012	10,550
21	15	98 748	65 151,396	2 164 058,554	33,216	32,754	71	65	68 736	16 848,800	177 371,450	10,527	10,066
22	16	98 682	63 831,369	2 098 907,158	32,882	32,420	72	66	66 499	15 980,868	160 522,650	10,045	9,583
23	17	98 614	62 536,896	2 035 075,789	32,542	32,080	73	67	64 143	15 112,404	144 541,781	9,564	9,103
24	18	98 547	61 268,796	1 972 538,894	32,195	31,733	74	68	61 660	14 242,561	129 429,377	9,088	8,626
25	19	98 469	60 020,123	1 911 270,098	31,844	31,382	75	69	58 993	13 359,392	115 186,817	8,622	8,161
26	20	98 395	58 798,784	1 851 249,974	31,484	31,023	76	70	56 181	12 473,200	101 827,425	8,164	7,702
27	21	98 316	57 599,583	1 792 451,191	31,119	30,658	77	71	53 218	11 583,696	89 354,224	7,714	7,252
28	22	98 233	56 422,625	1 734 851,608	30,747	30,286	78	72	50 077	10 686,289	77 770,528	7,278	6,816
29	23	98 152	55 270,657	1 678 428,983	30,367	29,906	79	73	46 745	9 779,703	67 084,239	6,860	6,398
30	24	98 065	54 138,907	1 623 158,327	29,981	29,520	80	74	43 279	8 876,919	57 304,536	6,455	5,994
31	25	97 983	53 032,674	1 569 019,419	29,586	29,124	81	75	39 711	7 985,312	48 427,616	6,065	5,603
32	26	97 891	51 944,279	1 515 986,745	29,185	28,723	82	76	36 027	7 102,640	40 442,304	5,694	5,232
33	27	97 796	50 876,284	1 464 042,466	28,777	28,315	83	77	32 322	6 247,165	33 339,664	5,337	4,875
34	28	97 695	49 827,247	1 413 166,182	28,361	27,900	84	78	28 663	5 431,415	27 092,499	4,988	4,527
35	29	97 593	48 799,152	1 363 338,935	27,938	27,476	85	79	25 020	4 648,062	21 661,084	4,660	4,199
36	30	97 483	47 788,403	1 314 539,783	27,508	27,046	86	80	21 492	3 914,413	17 013,022	4,346	3,885
37	31	97 370	46 796,858	1 266 751,380	27,069	26,608	87	81	18 104	3 232,737	13 098,609	4,052	3,590
38	32	97 248	45 821,895	1 219 954,522	26,624	26,162	88	82	14 911	2 610,274	9 865,872	3,780	3,318
39	33	97 106	44 858,141	1 174 132,627	26,174	25,713	89	83	11 999	2 059,365	7 255,599	3,523	3,062
40	34	96 959	43 912,021	1 129 274,486	25,717	25,255	90	84	9 365	1 575,839	5 196,234	3,297	2,836
41	35	96 794	42 977,509	1 085 362,465	25,254	24,793	91	85	7 159	1 180,976	3 620,395	3,066	2,604
42	36	96 623	42 060,372	1 042 384,956	24,783	24,321	92	86	5 254	849,795	2 439,419	2,871	2,409
43	37	96 429	41 153,027	1 000 324,584	24,307	23,846	93	87	3 730	591,367	1 589,624	2,688	2,226
44	38	96 206	40 252,666	959 171,557	23,829	23,367	94	88	2 545	395,670	998,258	2,523	2,061
45	39	95 961	39 362,962	918 918,891	23,345	22,883	95	89	1 668	254,150	602,588	2,371	1,909
46	40	95 685	38 480,188	879 555,929	22,857	22,396	96	90	1 041	155,523	348,438	2,240	1,779
47	41	95 381	37 605,782	841 075,741	22,366	21,904	97	91	622	91,142	192,915	2,117	1,655
48	42	95 030	36 732,522	803 469,959	21,874	21,412	98	92	352	50,480	101,773	2,016	1,554
49	43	94 641	35 864,824	766 737,437	21,379	20,917	99	93	190	26,743	51,293	1,918	1,456
							100	94	97	13,421	24,549	1,829	1,368

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß 2,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	43	94 301	35 035,578	735 639,762	20,997	20,535
1							51	44	93 828	34 176,155	700 604,184	20,500	20,038
2							52	45	93 279	33 310,062	666 428,028	20,007	19,545
3							53	46	92 694	32 452,201	633 117,966	19,509	19,048
4							54	47	92 053	31 595,683	600 665,766	19,011	18,549
5							55	48	91 333	30 733,992	569 070,083	18,516	18,054
6							56	49	90 555	29 874,567	538 336,091	18,020	17,558
7	0	99 513	86 632,486	3 234 400,524	37,335	36,873	57	50	89 710	29 015,473	508 461,524	17,524	17,062
8	1	99 192	84 659,064	3 147 768,039	37,182	36,720	58	51	88 792	28 155,521	479 446,051	17,028	16,567
9	2	99 157	82 970,262	3 063 108,975	36,918	36,457	59	52	87 796	27 293,755	451 290,530	16,535	16,073
10	3	99 135	81 324,891	2 980 138,713	36,645	36,183	60	53	86 719	26 430,464	423 996,775	16,042	15,580
11	4	99 115	79 714,252	2 898 813,821	36,365	35,903	61	54	85 560	25 565,847	397 566,311	15,551	15,089
12	5	99 094	78 135,208	2 819 099,569	36,080	35,618	62	55	84 335	24 705,613	372 000,464	15,057	14,596
13	6	99 073	76 586,879	2 740 964,361	35,789	35,327	63	56	83 028	23 846,021	347 294,851	14,564	14,102
14	7	99 054	75 070,310	2 664 377,482	35,492	35,030	64	57	81 669	22 995,795	323 448,830	14,066	13,604
15	8	99 030	73 580,981	2 589 307,172	35,190	34,728	65	58	80 196	22 138,273	300 453,035	13,572	13,110
16	9	99 005	72 120,062	2 515 726,192	34,882	34,421	66	59	78 640	21 283,024	278 314,762	13,077	12,615
17	10	98 973	70 682,705	2 443 606,129	34,571	34,110	67	60	76 974	20 423,670	257 031,737	12,585	12,123
18	11	98 932	69 268,377	2 372 923,424	34,257	33,795	68	61	75 190	19 559,206	236 608,068	12,097	11,635
19	12	98 877	67 872,048	2 303 655,048	33,941	33,480	69	62	73 327	18 700,420	217 048,862	11,607	11,145
20	13	98 820	66 503,352	2 235 782,999	33,619	33,157	70	63	71 338	17 836,567	198 348,441	11,120	10,659
21	14	98 758	65 158,458	2 169 279,647	33,292	32,831	71	64	69 244	16 973,546	180 511,874	10,635	10,173
22	15	98 694	63 839,399	2 104 121,189	32,960	32,498	72	65	67 022	16 106,659	163 538,328	10,153	9,692
23	16	98 630	62 546,520	2 040 281,790	32,620	32,159	73	66	64 696	15 242,795	147 431,669	9,672	9,211
24	17	98 563	61 278,630	1 977 735,270	32,274	31,813	74	67	62 228	14 373,827	132 188,874	9,196	8,735
25	18	98 492	60 033,836	1 916 456,640	31,923	31,461	75	68	59 571	13 490,392	117 815,047	8,733	8,272
26	19	98 415	58 810,930	1 856 422,805	31,566	31,104	76	69	56 784	12 607,107	104 324,655	8,275	7,813
27	20	98 338	57 612,372	1 797 611,874	31,202	30,740	77	70	53 843	11 719,700	91 717,548	7,826	7,364
28	21	98 254	56 434,436	1 739 999,502	30,832	30,371	78	71	50 730	10 825,694	79 997,848	7,390	6,928
29	22	98 174	55 283,058	1 683 565,066	30,454	29,992	79	72	47 432	9 923,371	69 172,154	6,971	6,509
30	23	98 088	54 151,285	1 628 282,008	30,069	29,608	80	73	43 994	9 023,655	59 248,783	6,566	6,104
31	24	98 002	53 043,396	1 574 130,723	29,676	29,215	81	74	40 463	8 136,717	50 225,128	6,173	5,711
32	25	97 913	51 955,708	1 521 087,326	29,277	28,815	82	75	36 818	7 258,390	42 088,412	5,799	5,337
33	26	97 819	50 888,328	1 469 131,618	28,870	28,408	83	76	33 133	6 404,017	34 830,022	5,439	4,977
34	27	97 721	49 840,636	1 418 243,290	28,456	27,994	84	77	29 481	5 586,288	28 426,004	5,089	4,627
35	28	97 618	48 811,495	1 368 402,654	28,034	27,573	85	78	25 849	4 802,056	22 839,717	4,756	4,295
36	29	97 511	47 802,119	1 319 591,159	27,605	27,144	86	79	22 302	4 061,883	18 037,661	4,441	3,979
37	30	97 397	46 810,107	1 271 789,041	27,169	26,708	87	80	18 894	3 373,639	13 975,778	4,143	3,681
38	31	97 277	45 835,739	1 224 978,934	26,725	26,264	88	81	15 656	2 740,705	10 602,139	3,868	3,407
39	32	97 141	44 874,048	1 179 143,195	26,277	25,815	89	82	12 699	2 179,555	7 861,434	3,607	3,145
40	33	96 995	43 928,083	1 134 269,148	25,821	25,359	90	83	9 992	1 681,274	5 681,879	3,380	2,918
41	34	96 835	42 995,773	1 090 341,065	25,359	24,898	91	84	7 717	1 273,036	4 000,605	3,143	2,681
42	35	96 661	42 077,108	1 047 345,292	24,891	24,429	92	85	5 729	926,464	2 727,569	2,944	2,482
43	36	96 475	41 172,593	1 005 268,184	24,416	23,954	93	86	4 118	652,883	1 801,105	2,759	2,297
44	37	96 257	40 274,160	964 095,591	23,938	23,477	94	87	2 854	443,721	1 148,222	2,588	2,126
45	38	96 015	39 384,888	923 821,432	23,456	22,995	95	88	1 900	289,559	704,500	2,433	1,971
46	39	95 749	38 505,661	884 436,543	22,969	22,507	96	89	1 212	181,160	414,941	2,290	1,829
47	40	95 449	37 632,359	845 930,882	22,479	22,017	97	90	736	107,834	233,781	2,168	1,706
48	41	95 106	36 761,986	808 298,523	21,987	21,526	98	91	427	61,388	125,947	2,052	1,590
49	42	94 725	35 896,775	771 536,537	21,493	21,032	99	92	234	32,985	64,559	1,957	1,496
							100	93	123	16,930	31,574	1,865	1,403

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8	0	99 505	84 926,812	3 152 929,670	37,125	36,664
9	1	99 183	82 992,169	3 068 002,858	36,967	36,506
10	2	99 149	81 337,006	2 985 010,689	36,699	36,238
11	3	99 126	79 723,160	2 903 673,684	36,422	35,960
12	4	99 106	78 144,521	2 823 950,523	36,138	35,676
13	5	99 083	76 594,620	2 745 806,002	35,849	35,387
14	6	99 062	75 076,849	2 669 211,382	35,553	35,091
15	7	99 039	73 587,297	2 594 134,533	35,252	34,791
16	8	99 013	72 125,374	2 520 547,237	34,947	34,485
17	9	98 980	70 687,581	2 448 421,863	34,637	34,176
18	10	98 939	69 273,293	2 377 734,281	34,324	33,862
19	11	98 885	67 877,476	2 308 460,989	34,009	33,548
20	12	98 828	66 508,706	2 240 583,512	33,689	33,227
21	13	98 767	65 164,295	2 174 074,806	33,363	32,901
22	14	98 705	63 846,319	2 108 910,511	33,031	32,569
23	15	98 642	62 554,389	2 045 064,192	32,693	32,231
24	16	98 578	61 288,060	1 982 509,803	32,347	31,886
25	17	98 508	60 043,471	1 921 221,743	31,997	31,536
26	18	98 438	58 824,367	1 861 178,272	31,640	31,178
27	19	98 358	57 624,274	1 802 353,905	31,278	30,816
28	20	98 276	56 446,966	1 744 729,631	30,909	30,448
29	21	98 195	55 294,631	1 688 282,665	30,532	30,071
30	22	98 110	54 163,436	1 632 988,034	30,149	29,688
31	23	98 025	53 055,524	1 578 824,598	29,758	29,296
32	24	97 932	51 966,212	1 525 769,074	29,361	28,899
33	25	97 841	50 899,525	1 473 802,862	28,955	28,494
34	26	97 744	49 852,435	1 422 903,337	28,542	28,081
35	27	97 644	48 824,612	1 373 050,902	28,122	27,660
36	28	97 536	47 814,209	1 324 226,291	27,695	27,234
37	29	97 425	46 823,541	1 276 412,081	27,260	26,798
38	30	97 305	45 848,715	1 229 588,540	26,818	26,357
39	31	97 170	44 887,605	1 183 739,825	26,371	25,910
40	32	97 029	43 943,659	1 138 852,220	25,916	25,455
41	33	96 871	43 011,499	1 094 908,561	25,456	24,995
42	34	96 702	42 094,989	1 051 897,061	24,989	24,527
43	35	96 514	41 188,976	1 009 802,072	24,516	24,055
44	36	96 303	40 293,307	968 613,096	24,039	23,577
45	37	96 066	39 405,919	928 319,789	23,558	23,096
46	38	95 802	38 527,110	888 913,870	23,072	22,611
47	39	95 512	37 657,271	850 386,760	22,582	22,121
48	40	95 173	36 787,967	812 729,489	22,092	21,631
49	41	94 801	35 925,569	775 941,523	21,599	21,137

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
50	42	94 385	35 066,791	740 015,953	21,103	20,641
51	43	93 924	34 211,185	704 949,162	20,606	20,144
52	44	93 384	33 347,516	670 737,977	20,114	19,652
53	45	92 812	32 493,442	637 390,461	19,616	19,154
54	46	92 183	31 640,268	604 897,018	19,118	18,656
55	47	91 483	30 784,328	573 256,751	18,622	18,160
56	48	90 715	29 927,492	542 472,423	18,126	17,665
57	49	89 895	29 075,299	512 544,931	17,628	17,167
58	50	88 988	28 217,685	483 469,632	17,134	16,672
59	51	88 011	27 360,701	455 251,947	16,639	16,177
60	52	86 958	26 503,225	427 891,246	16,145	15,683
61	53	85 818	25 642,943	401 388,021	15,653	15,191
62	54	84 605	24 784,706	375 745,078	15,160	14,699
63	55	83 324	23 930,812	350 960,371	14,666	14,204
64	56	81 979	23 082,868	327 029,559	14,168	13,706
65	57	80 518	22 227,105	303 946,690	13,675	13,213
66	58	78 989	21 377,348	281 719,585	13,178	12,717
67	59	77 339	20 520,568	260 342,237	12,687	12,225
68	60	75 598	19 665,189	239 821,669	12,195	11,734
69	61	73 751	18 808,507	220 156,480	11,705	11,244
70	62	71 791	17 949,788	201 347,973	11,217	10,756
71	63	69 714	17 088,687	183 398,185	10,732	10,271
72	64	67 518	16 225,910	166 309,498	10,250	9,788
73	65	65 205	15 362,776	150 083,587	9,769	9,308
74	66	62 765	14 497,845	134 720,811	9,292	8,831
75	67	60 120	13 614,726	120 222,966	8,830	8,369
76	68	57 341	12 730,730	106 608,240	8,374	7,912
77	69	54 421	11 845,518	93 877,510	7,925	7,464
78	70	51 326	10 952,798	82 031,992	7,490	7,028
79	71	48 051	10 052,823	71 079,194	7,071	6,609
80	72	44 641	9 156,216	61 026,371	6,665	6,203
81	73	41 132	8 271,216	51 870,155	6,271	5,810
82	74	37 516	7 396,012	43 598,939	5,895	5,433
83	75	33 860	6 544,447	36 202,927	5,532	5,070
84	76	30 221	5 726,547	29 658,480	5,179	4,718
85	77	26 586	4 938,983	23 931,933	4,846	4,384
86	78	23 041	4 196,456	18 992,950	4,526	4,064
87	79	19 605	3 500,736	14 796,494	4,227	3,765
88	80	16 338	2 860,161	11 295,757	3,949	3,488
89	81	13 334	2 288,463	8 435,596	3,686	3,225
90	82	10 575	1 779,398	6 147,133	3,455	2,993
91	83	8 233	1 358,212	4 367,735	3,216	2,754
92	84	6 175	998,685	3 009,523	3,013	2,552
93	85	4 489	711,787	2 010,838	2,825	2,363
94	86	3 151	489,879	1 299,052	2,652	2,190
95	87	2 131	324,724	809,173	2,492	2,030
96	88	1 381	206,401	484,449	2,347	1,886
97	89	858	125,610	278,048	2,214	1,752
98	90	506	72,631	152,438	2,099	1,637
99	91	285	40,112	79,807	1,990	1,528
100	92	151	20,881	39,695	1,901	1,439

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	41	94 461	35 094,919	744 029,584	21,200	20,739
1							51	42	94 008	34 241,663	708 934,665	20,704	20,242
2							52	43	93 480	33 381,697	674 693,001	20,211	19,750
3							53	44	92 917	32 529,978	641 311,304	19,714	19,253
4							54	45	92 300	31 680,478	608 781,325	19,216	18,755
5							55	46	91 612	30 827,767	577 100,848	18,720	18,259
6							56	47	90 864	29 976,507	546 273,081	18,223	17,762
7							57	48	90 054	29 126,808	516 296,573	17,726	17,264
8							58	49	89 171	28 275,867	487 169,765	17,229	16,768
9	0	99 497	83 254,645	3 072 757,720	36,908	36,446	59	50	88 205	27 421,109	458 893,899	16,735	16,273
10	1	99 176	81 358,481	2 989 503,075	36,745	36,283	60	51	87 171	26 568,232	431 472,789	16,240	15,779
11	2	99 140	79 735,036	2 908 144,594	36,473	36,011	61	52	86 054	25 713,536	404 904,557	15,747	15,285
12	3	99 117	78 153,253	2 828 409,558	36,191	35,729	62	53	84 860	24 859,447	379 191,021	15,253	14,792
13	4	99 095	76 603,750	2 750 256,304	35,902	35,441	63	54	83 590	24 007,425	354 331,573	14,759	14,298
14	5	99 072	75 084,438	2 673 652,554	35,609	35,147	64	55	82 270	23 164,946	330 324,148	14,260	13,798
15	6	99 047	73 593,706	2 598 568,116	35,310	34,848	65	56	80 823	22 311,268	307 159,202	13,767	13,305
16	7	99 021	72 131,565	2 524 974,411	35,005	34,544	66	57	79 306	21 463,127	284 847,934	13,272	12,810
17	8	98 987	70 692,788	2 452 842,846	34,697	34,236	67	58	77 682	20 611,513	263 384,808	12,779	12,317
18	9	98 946	69 278,072	2 382 150,058	34,385	33,924	68	59	75 957	19 758,489	242 773,295	12,287	11,825
19	10	98 892	67 882,294	2 312 871,986	34,072	33,610	69	60	74 150	18 910,422	223 014,806	11,793	11,332
20	11	98 836	66 514,025	2 244 989,693	33,752	33,291	70	61	72 206	18 053,537	204 104,384	11,306	10,844
21	12	98 775	65 169,541	2 178 475,668	33,428	32,966	71	62	70 157	17 197,161	186 050,847	10,819	10,357
22	13	98 714	63 852,039	2 113 306,126	33,097	32,635	72	63	67 976	16 335,980	168 853,687	10,336	9,875
23	14	98 653	62 561,170	2 049 454,087	32,759	32,298	73	64	65 688	15 476,519	152 517,707	9,855	9,393
24	15	98 523	61 295,771	1 986 892,918	32,415	31,953	74	65	63 259	14 611,963	137 041,187	9,379	8,917
25	16	98 523	60 052,712	1 925 597,147	32,065	31,604	75	66	60 639	13 732,195	122 429,225	8,915	8,454
26	17	98 454	58 833,808	1 865 544,435	31,709	31,247	76	67	57 870	12 848,063	108 697,030	8,460	7,999
27	18	98 381	57 637,439	1 806 710,628	31,346	30,885	77	68	54 955	11 961,673	95 848,967	8,013	7,551
28	19	98 296	56 458,627	1 749 073,189	30,980	30,518	78	69	51 877	11 070,382	83 887,294	7,578	7,116
29	20	98 216	55 306,908	1 692 614,562	30,604	30,142	79	70	48 615	10 170,853	72 816,912	7,159	6,698
30	21	98 130	54 174,774	1 637 307,653	30,223	29,761	80	71	45 223	9 275,660	62 646,059	6,754	6,292
31	22	98 047	53 067,428	1 583 132,879	29,832	29,371	81	72	41 737	8 392,724	53 370,399	6,359	5,898
32	23	97 955	51 978,094	1 530 065,451	29,437	28,975	82	73	38 136	7 518,268	44 977,675	5,982	5,521
33	24	97 860	50 909,816	1 478 087,357	29,033	28,572	83	74	34 502	6 668,532	37 459,407	5,617	5,156
34	25	97 766	49 863,404	1 427 177,541	28,622	28,160	84	75	30 884	5 852,121	30 790,874	5,261	4,800
35	26	97 667	48 836,169	1 377 314,138	28,203	27,741	85	76	27 253	5 062,989	24 938,753	4,926	4,464
36	27	97 562	47 827,058	1 328 477,968	27,777	27,315	86	77	23 698	4 316,115	19 875,764	4,605	4,143
37	28	97 450	46 835,385	1 280 650,910	27,344	26,882	87	78	20 255	3 616,112	15 559,649	4,302	3,841
38	29	97 333	45 861,874	1 233 815,525	26,903	26,441	88	79	16 954	2 967,914	11 942,930	4,024	3,562
39	30	97 198	44 900,313	1 187 953,652	26,458	25,996	89	80	13 915	2 388,208	8 975,017	3,758	3,296
40	31	97 059	43 956,935	1 143 053,338	26,004	25,542	90	81	11 104	1 868,312	6 586,808	3,526	3,064
41	32	96 905	43 026,751	1 099 096,403	25,544	25,083	91	82	8 714	1 437,481	4 718,497	3,282	2,821
42	33	96 738	42 110,386	1 056 069,652	25,079	24,617	92	83	6 588	1 065,504	3 281,016	3,079	2,618
43	34	96 555	41 206,480	1 013 959,266	24,607	24,145	93	84	4 839	767,272	2 215,512	2,888	2,426
44	35	96 341	40 309,341	972 752,786	24,132	23,671	94	85	3 436	534,076	1 448,239	2,712	2,250
45	36	96 112	39 424,654	932 443,445	23,651	23,190	95	86	2 352	358,503	914,163	2,550	2,088
46	37	95 853	38 547,682	893 018,792	23,167	22,705	96	87	1 549	231,466	555,660	2,401	1,939
47	38	95 565	37 678,247	854 471,110	22,678	22,216	97	88	977	143,111	324,193	2,265	1,804
48	39	95 236	36 812,320	816 792,863	22,188	21,726	98	89	589	84,604	181,083	2,140	1,679
49	40	94 868	35 950,959	779 980,543	21,696	21,234	99	90	337	47,458	96,479	2,033	1,571
							100	91	184	25,393	49,020	1,930	1,469

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	40	94 528	35 119,722	747 707,558	21,290	20,829
1							51	41	94 083	34 269,130	712 587,836	20,794	20,332
2							52	42	93 563	33 411,436	678 318,706	20,302	19,840
3							53	43	93 012	32 563,321	644 907,270	19,805	19,343
4							54	44	92 404	31 716,100	612 343,949	19,307	18,845
5							55	45	91 728	30 866,945	580 627,849	18,811	18,349
6							56	46	90 992	30 018,807	549 760,904	18,314	17,852
7							57	47	90 201	29 174,512	519 742,097	17,815	17,353
8							58	48	89 329	28 325,959	490 567,586	17,319	16,857
9							59	49	88 387	27 477,649	462 241,626	16,822	16,361
10	0	99 489	81 615,791	2 993 882,321	36,683	36,221	60	50	87 364	26 626,891	434 763,978	16,328	15,866
11	1	99 167	79 756,089	2 912 266,530	36,515	36,053	61	51	86 265	25 776,607	408 137,086	15,834	15,372
12	2	99 132	78 164,895	2 832 510,442	36,238	35,776	62	52	85 093	24 927,884	382 360,480	15,339	14,877
13	3	99 106	76 612,310	2 754 345,546	35,952	35,490	63	53	83 842	24 079,822	357 432,596	14,844	14,382
14	4	99 084	75 093,387	2 677 733,236	35,659	35,197	64	54	82 534	23 239,107	333 352,774	14,344	13,883
15	5	99 057	73 601,145	2 602 639,849	35,361	34,900	65	55	81 110	22 390,601	310 113,667	13,850	13,389
16	6	99 030	72 137,847	2 529 038,704	35,058	34,597	66	56	79 606	21 544,396	287 723,066	13,355	12,893
17	7	98 995	70 698,855	2 456 900,857	34,752	34,290	67	57	77 994	20 694,218	266 178,669	12,862	12,401
18	8	98 953	69 283,174	2 386 202,001	34,441	33,980	68	58	76 293	19 846,056	245 484,451	12,369	11,908
19	9	98 899	67 886,977	2 316 918,827	34,129	33,667	69	59	74 502	19 000,142	225 638,395	11,876	11,414
20	10	98 843	66 518,746	2 249 031,850	33,810	33,349	70	60	72 597	18 151,361	206 638,254	11,384	10,923
21	11	98 783	65 174,753	2 182 513,104	33,487	33,025	71	61	70 562	17 296,559	188 486,893	10,897	10,436
22	12	98 722	63 857,180	2 117 338,351	33,157	32,696	72	62	68 408	16 439,675	171 190,334	10,413	9,952
23	13	98 661	62 566,774	2 053 481,171	32,821	32,359	73	63	66 134	15 581,505	154 750,659	9,932	9,470
24	14	98 601	61 302,415	1 990 914,397	32,477	32,015	74	64	63 727	14 720,147	139 169,153	9,454	8,993
25	15	98 535	60 060,267	1 929 611,982	32,128	31,666	75	65	61 116	13 840,286	124 449,006	8,992	8,530
26	16	98 469	58 842,862	1 869 551,716	31,772	31,310	76	66	58 369	12 958,917	110 608,720	8,535	8,074
27	17	98 396	57 646,689	1 810 708,854	31,410	30,949	77	67	55 461	12 071,917	97 649,803	8,089	7,627
28	18	98 318	56 471,526	1 753 062,164	31,043	30,582	78	68	52 386	11 178,937	85 577,886	7,655	7,194
29	19	98 237	55 318,334	1 696 590,638	30,670	30,208	79	69	49 137	10 280,043	74 398,949	7,237	6,776
30	20	98 152	54 186,803	1 641 272,304	30,289	29,828	80	70	45 754	9 384,565	64 118,907	6,832	6,371
31	21	98 067	53 078,537	1 587 085,501	29,901	29,439	81	71	42 281	8 502,209	54 734,341	6,438	5,976
32	22	97 977	51 989,756	1 534 006,964	29,506	29,044	82	72	38 696	7 628,714	46 232,133	6,060	5,599
33	23	97 883	50 921,455	1 482 017,208	29,104	28,642	83	73	35 072	6 778,763	38 603,418	5,695	5,233
34	24	97 786	49 873,485	1 431 095,752	28,695	28,233	84	74	31 469	5 963,080	31 824,655	5,337	4,875
35	25	97 688	48 846,915	1 381 222,267	28,277	27,815	85	75	27 851	5 174,013	25 861,576	4,998	4,537
36	26	97 585	47 838,380	1 332 375,352	27,852	27,390	86	76	24 293	4 424,483	20 687,563	4,676	4,214
37	27	97 476	46 847,970	1 284 536,973	27,419	26,958	87	77	20 832	3 719,846	16 263,079	4,372	3,910
38	28	97 357	45 873,474	1 237 689,002	26,980	26,519	88	78	17 515	3 066,243	12 543,233	4,091	3,629
39	29	97 226	44 913,200	1 191 815,528	26,536	26,074	89	79	14 439	2 478,181	9 476,990	3,824	3,363
40	30	97 086	43 969,380	1 146 902,329	26,084	25,623	90	80	11 588	1 949,744	6 998,809	3,590	3,128
41	31	96 934	43 039,750	1 102 932,949	25,626	25,164	91	81	9 149	1 509,310	5 049,066	3,345	2,884
42	32	96 772	42 125,319	1 059 893,198	25,160	24,699	92	82	6 973	1 127,690	3 539,756	3,139	2,677
43	33	96 590	41 221,552	1 017 767,880	24,690	24,229	93	83	5 163	818,609	2 412,067	2,947	2,485
44	34	96 382	40 326,470	976 546,328	24,216	23,754	94	84	3 704	575,709	1 593,458	2,768	2,306
45	35	96 150	39 440,341	936 219,858	23,738	23,276	95	85	2 565	390,848	1 017,749	2,604	2,142
46	36	95 899	38 566,009	896 779,517	23,253	22,791	96	86	1 710	255,544	626,901	2,453	1,992
47	37	95 616	37 698,366	858 213,507	22,765	22,304	97	87	1 096	160,490	371,356	2,314	1,852
48	38	95 289	36 832,825	820 515,141	22,277	21,815	98	88	671	96,391	210,866	2,188	1,726
49	39	94 931	35 974,758	783 682,316	21,784	21,323	99	89	393	55,282	114,475	2,071	1,609
							100	90	218	30,043	59,193	1,970	1,509

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	39	94 590	35 142,971	751 077,114	21,372	20,910
1							51	40	94 150	34 293,349	715 934,144	20,877	20,415
2							52	41	93 638	33 438,237	681 640,795	20,385	19,923
3							53	42	93 095	32 592,331	648 202,558	19,888	19,427
4							54	43	92 498	31 748,608	615 610,227	19,390	18,929
5							55	44	91 831	30 901,652	583 861,618	18,894	18,433
6							56	45	91 108	30 056,956	552 959,966	18,397	17,935
7							57	46	90 329	29 215,680	522 903,010	17,898	17,436
8							58	47	89 476	28 372,351	493 687,330	17,400	16,939
9							59	48	88 544	27 526,327	465 314,979	16,904	16,443
10							60	49	87 544	26 681,793	437 788,652	16,408	15,946
11	0	99 480	80 008,330	2 916 299,781	36,450	35,988	61	50	86 456	25 833,518	411 106,859	15,914	15,452
12	1	99 158	78 185,534	2 836 291,451	36,276	35,815	62	51	85 302	24 989,027	385 273,341	15,418	14,956
13	2	99 121	76 623,723	2 758 105,917	35,995	35,534	63	52	84 073	24 146,112	360 284,314	14,921	14,459
14	3	99 095	75 101,779	2 681 482,195	35,705	35,243	64	53	82 782	23 309,187	336 138,202	14,421	13,959
15	4	99 069	73 609,918	2 606 380,416	35,408	34,946	65	54	81 370	22 462,284	312 829,015	13,927	13,465
16	5	99 040	72 145,139	2 532 770,498	35,107	34,645	66	55	79 889	21 621,003	290 366,732	13,430	12,968
17	6	99 004	70 705,013	2 460 625,359	34,801	34,340	67	56	78 289	20 772,577	268 745,728	12,938	12,476
18	7	98 962	69 289,121	2 389 920,346	34,492	34,030	68	57	76 599	19 925,690	247 973,151	12,445	11,983
19	8	98 906	67 891,977	2 320 631,225	34,181	33,720	69	58	74 832	19 084,348	228 047,461	11,949	11,488
20	9	98 850	66 523,335	2 252 739,248	33,864	33,402	70	59	72 942	18 237,479	208 963,114	11,458	10,996
21	10	98 790	65 179,379	2 186 215,913	33,542	33,080	71	60	70 945	17 390,281	190 725,635	10,967	10,506
22	11	98 730	63 862,286	2 121 036,534	33,213	32,751	72	61	68 803	16 534,695	173 335,354	10,483	10,022
23	12	98 669	62 571,811	2 057 174,247	32,877	32,415	73	62	66 553	15 680,412	156 800,659	10,000	9,538
24	13	98 610	61 307,907	1 994 602,436	32,534	32,073	74	63	64 160	14 820,002	141 120,247	9,522	9,061
25	14	98 546	60 066,777	1 933 294,530	32,186	31,724	75	64	61 569	13 942,757	126 300,245	9,058	8,597
26	15	98 481	58 850,265	1 873 227,753	31,830	31,369	76	65	58 828	13 060,921	112 357,488	8,603	8,141
27	16	98 411	57 655,561	1 814 377,488	31,469	31,008	77	66	55 940	12 176,075	99 296,567	8,155	7,693
28	17	98 334	56 480,590	1 756 721,927	31,103	30,641	78	67	52 869	11 281,967	87 120,492	7,722	7,260
29	18	98 259	55 330,972	1 700 241,337	30,729	30,267	79	68	49 619	10 380,847	75 838,525	7,306	6,844
30	19	98 172	54 197,997	1 644 910,365	30,350	29,888	80	69	46 245	9 485,314	65 457,678	6,901	6,439
31	20	98 089	53 090,323	1 590 712,368	29,962	29,501	81	70	42 777	8 602,033	55 972,364	6,507	6,045
32	21	97 997	52 000,640	1 537 622,045	29,569	29,108	82	71	39 201	7 728,232	47 370,331	6,130	5,668
33	22	97 905	50 932,881	1 485 621,405	29,168	28,707	83	72	35 588	6 878,346	39 642,099	5,763	5,302
34	23	97 808	49 884,888	1 434 688,524	28,760	28,298	84	73	31 989	6 061,649	32 763,753	5,405	4,943
35	24	97 708	48 856,791	1 384 803,637	28,344	27,883	85	74	28 379	5 272,114	26 702,104	5,065	4,603
36	25	97 606	47 848,906	1 335 946,846	27,920	27,459	86	75	24 825	4 521,505	21 429,989	4,740	4,278
37	26	97 499	46 859,060	1 288 097,941	27,489	27,027	87	76	21 355	3 813,243	16 908,484	4,434	3,973
38	27	97 383	45 885,801	1 241 238,880	27,051	26,589	88	77	18 015	3 153,674	13 095,241	4,152	3,691
39	28	97 250	44 924,560	1 195 353,079	26,608	26,146	89	78	14 918	2 560,285	9 941,567	3,883	3,421
40	29	97 114	43 981,999	1 150 428,519	26,157	25,695	90	79	12 024	2 023,198	7 381,282	3,648	3,187
41	30	96 962	43 051,935	1 106 446,520	25,700	25,239	91	80	9 548	1 575,094	5 358,084	3,402	2,940
42	31	96 801	42 138,045	1 063 394,585	25,236	24,774	92	81	7 321	1 184,038	3 782,990	3,195	2,733
43	32	96 624	41 236,169	1 021 256,539	24,766	24,304	93	82	5 464	866,385	2 598,951	3,000	2,538
44	33	96 418	40 341,221	980 020,371	24,293	23,832	94	83	3 951	614,228	1 732,566	2,821	2,359
45	34	96 191	39 457,102	939 679,150	23,815	23,354	95	84	2 765	421,316	1 118,338	2,654	2,193
46	35	95 937	38 581,355	900 222,048	23,333	22,871	96	85	1 865	278,600	697,022	2,502	2,040
47	36	95 661	37 716,290	861 640,693	22,845	22,384	97	86	1 210	177,185	418,422	2,361	1,900
48	37	95 340	36 852,493	823 924,404	22,357	21,896	98	87	753	108,098	241,237	2,232	1,770
49	38	94 983	35 994,797	787 071,911	21,866	21,405	99	88	447	62,984	133,140	2,114	1,652
							100	89	254	34,996	70,156	2,005	1,543

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	38	94 643	35 162,546	754 161,688	21,448	20,986
1							51	39	94 212	34 316,051	718 999,142	20,952	20,491
2							52	40	93 704	33 461,868	684 683,092	20,462	20,000
3							53	41	93 169	32 618,475	651 221,223	19,965	19,503
4							54	42	92 581	31 776,892	618 602,748	19,467	19,005
5							55	43	91 926	30 933,326	586 825,856	18,971	18,509
6							56	44	91 210	30 090,753	555 892,530	18,474	18,012
7							57	45	90 443	29 252,809	525 801,777	17,974	17,513
8							58	46	89 602	28 412,388	496 548,969	17,476	17,015
9							59	47	88 689	27 571,410	468 136,581	16,979	16,517
10							60	48	87 699	26 729,061	440 565,171	16,483	16,021
11							61	49	86 634	25 886,784	413 836,110	15,986	15,525
12	0	99 472	78 432,808	2 840 006,597	36,209	35,748	62	50	85 490	25 044,199	387 949,326	15,491	15,029
13	1	99 147	76 643,954	2 761 573,790	36,031	35,570	63	51	84 280	24 205,338	362 905,127	14,993	14,531
14	2	99 110	75 112,966	2 684 929,836	35,745	35,284	64	52	83 010	23 373,355	338 699,790	14,491	14,029
15	3	99 080	73 618,143	2 609 816,870	35,451	34,989	65	53	81 616	22 530,021	315 326,434	13,996	13,534
16	4	99 052	72 153,739	2 536 198,726	35,150	34,688	66	54	80 145	21 690,222	292 796,413	13,499	13,037
17	5	99 014	70 712,160	2 464 044,988	34,846	34,385	67	55	78 568	20 846,439	271 106,192	13,005	12,543
18	6	98 971	69 295,156	2 393 332,827	34,538	34,077	68	56	76 889	20 001,138	250 259,752	12,512	12,051
19	7	98 914	67 897,804	2 324 037,671	34,228	33,767	69	57	75 133	19 160,925	230 258,614	12,017	11,555
20	8	98 857	66 528,234	2 256 139,867	33,913	33,451	70	58	73 265	18 318,305	211 097,689	11,524	11,062
21	9	98 797	65 183,876	2 189 611,633	33,591	33,130	71	59	71 281	17 472,788	192 779,384	11,033	10,572
22	10	98 737	63 866,819	2 124 427,757	33,263	32,802	72	60	69 176	16 624,290	175 306,596	10,545	10,084
23	11	98 677	62 576,815	2 060 560,938	32,929	32,467	73	61	66 938	15 771,043	158 682,306	10,062	9,600
24	12	98 618	61 312,842	1 997 984,123	32,587	32,125	74	62	64 567	14 914,075	142 911,263	9,582	9,121
25	13	98 555	60 072,158	1 936 671,280	32,239	31,777	75	63	61 987	14 037,339	127 997,188	9,118	8,657
26	14	98 492	58 856,644	1 876 599,122	31,884	31,423	76	64	59 264	13 157,622	113 959,849	8,661	8,200
27	15	98 424	57 662,815	1 817 742,478	31,524	31,062	77	65	56 380	12 271,917	100 802,228	8,214	7,752
28	16	98 349	56 489,282	1 760 079,664	31,158	30,696	78	66	53 325	11 379,309	88 530,311	7,780	7,318
29	17	98 275	55 339,853	1 703 590,382	30,784	30,323	79	67	50 076	10 476,522	77 151,002	7,364	6,903
30	18	98 195	54 210,379	1 648 250,529	30,405	29,943	80	68	46 699	9 578,325	66 674,480	6,961	6,499
31	19	98 109	53 101,290	1 594 040,150	30,019	29,557	81	69	43 237	8 694,380	57 096,155	6,567	6,105
32	20	98 019	52 012,186	1 540 938,860	29,626	29,165	82	70	39 661	7 818,969	48 401,775	6,190	5,729
33	21	97 925	50 943,543	1 488 926,674	29,227	28,765	83	71	36 052	6 968,075	40 582,805	5,824	5,362
34	22	97 830	49 896,081	1 437 983,131	28,820	28,358	84	72	32 459	6 150,697	33 614,730	5,465	5,004
35	23	97 731	48 867,961	1 388 087,050	28,405	27,943	85	73	28 848	5 359,262	27 464,033	5,125	4,663
36	24	97 626	47 858,580	1 339 219,089	27,983	27,521	86	74	25 296	4 607,234	22 104,771	4,798	4,336
37	25	97 520	46 869,371	1 291 360,510	27,552	27,091	87	75	21 824	3 896,862	17 497,536	4,490	4,029
38	26	97 406	45 896,663	1 244 491,139	27,115	26,653	88	76	18 467	3 232,856	13 600,674	4,207	3,745
39	27	97 276	44 936,632	1 198 594,476	26,673	26,211	89	77	15 343	2 633,289	10 367,818	3,937	3,476
40	28	97 139	43 993,124	1 153 657,844	26,224	25,762	90	78	12 423	2 090,228	7 734,529	3,700	3,239
41	29	96 989	43 064,291	1 109 664,720	25,768	25,306	91	79	9 908	1 634,434	5 644,301	3,453	2,992
42	30	96 829	42 149,975	1 066 600,428	25,305	24,843	92	80	7 640	1 235,646	4 009,867	3,245	2,784
43	31	96 653	41 248,627	1 024 450,453	24,836	24,374	93	81	5 737	909,677	2 774,221	3,050	2,588
44	32	96 452	40 355,526	983 201,827	24,363	23,902	94	82	4 182	650,076	1 864,544	2,868	2,407
45	33	96 226	39 471,534	942 846,301	23,887	23,425	95	83	2 950	449,505	1 214,468	2,702	2,240
46	34	95 978	38 597,750	903 374,767	23,405	22,943	96	84	2 010	300,318	764,963	2,547	2,086
47	35	95 700	37 731,297	864 777,017	22,919	22,458	97	85	1 319	193,171	464,646	2,405	1,944
48	36	95 385	36 870,014	827 045,719	22,431	21,970	98	86	831	119,342	271,475	2,275	1,813
49	37	95 034	36 014,017	790 175,705	21,941	21,479	99	87	502	70,633	152,132	2,154	1,692
							100	88	289	39,872	81,499	2,044	1,582

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	37	94 694	35 181,322	756 985,883	21,517	21,055
1							51	38	94 264	34 335,165	721 804,561	21,022	20,561
2							52	39	93 766	33 484,020	687 469,396	20,531	20,070
3							53	40	93 235	32 641,527	653 985,376	20,035	19,574
4							54	41	92 655	31 802,382	621 343,849	19,538	19,076
5							55	42	92 007	30 960,884	589 541,467	19,041	18,580
6							56	43	91 304	30 121,595	558 580,583	18,544	18,083
7							57	44	90 545	29 285,701	528 458,988	18,045	17,583
8							58	45	89 716	28 448,495	499 173,287	17,547	17,085
9							59	46	88 814	27 610,316	470 724,791	17,049	16,587
10							60	47	87 843	26 772,838	443 114,476	16,551	16,089
11							61	48	86 788	25 932,644	416 341,638	16,055	15,593
12							62	49	85 667	25 095,838	390 408,994	15,557	15,095
13	0	99 461	76 886,352	2 764 996,912	35,962	35,501	63	50	84 466	24 258,780	365 313,156	15,059	14,597
14	1	99 136	75 132,798	2 688 110,560	35,778	35,317	64	51	83 214	23 430,685	341 054,377	14,556	14,094
15	2	99 095	73 629,110	2 612 977,761	35,488	35,027	65	52	81 840	22 592,045	317 623,691	14,059	13,597
16	3	99 063	72 161,801	2 539 348,652	35,190	34,728	66	53	80 386	21 755,631	295 031,647	13,561	13,100
17	4	99 026	70 720,589	2 467 186,850	34,886	34,425	67	54	78 819	20 913,178	273 276,016	13,067	12,606
18	5	98 981	69 302,161	2 396 466,262	34,580	34,118	68	55	77 163	20 072,258	252 362,838	12,573	12,111
19	6	98 923	67 903,718	2 327 164,101	34,272	33,810	69	56	75 417	19 233,478	232 290,580	12,077	11,616
20	7	98 866	66 533,945	2 259 260,383	33,957	33,495	70	57	73 559	18 391,809	213 057,102	11,584	11,123
21	8	98 804	65 188,676	2 192 726,438	33,637	33,175	71	58	71 597	17 550,225	194 665,293	11,092	10,630
22	9	98 744	63 871,225	2 127 537,762	33,310	32,848	72	59	69 504	16 703,162	177 115,068	10,604	10,142
23	10	98 684	62 581,257	2 063 666,536	32,976	32,514	73	60	67 301	15 856,500	160 411,906	10,116	9,655
24	11	98 626	61 317,746	2 001 085,280	32,635	32,173	74	61	64 940	15 000,277	144 555,406	9,637	9,175
25	12	98 563	60 076,994	1 939 767,534	32,288	31,826	75	62	62 380	14 126,443	129 555,129	9,171	8,709
26	13	98 501	58 861,917	1 879 690,540	31,934	31,472	76	63	59 666	13 246,877	115 428,686	8,714	8,252
27	14	98 435	57 669,065	1 820 828,623	31,574	31,112	77	64	56 798	12 362,776	102 181,809	8,265	7,804
28	15	98 362	56 496,389	1 763 159,558	31,208	30,747	78	65	53 745	11 468,879	89 819,033	7,832	7,370
29	16	98 290	55 348,369	1 706 663,169	30,835	30,373	79	66	50 508	10 566,914	78 350,154	7,415	6,953
30	17	98 210	54 219,080	1 651 314,800	30,456	29,995	80	67	47 129	9 666,604	67 783,239	7,012	6,550
31	18	98 132	53 113,422	1 597 095,720	30,070	29,608	81	68	43 661	8 779,636	58 116,636	6,619	6,158
32	19	98 039	52 022,931	1 543 982,298	29,679	29,217	82	69	40 087	7 902,910	49 337,000	6,243	5,781
33	20	97 947	50 954,855	1 491 959,368	29,280	28,818	83	70	36 475	7 049,887	41 434,090	5,877	5,416
34	21	97 851	49 906,526	1 441 004,513	28,874	28,412	84	71	32 883	6 230,934	34 384,202	5,518	5,057
35	22	97 752	48 878,926	1 391 097,987	28,460	27,998	85	72	29 272	5 437,992	28 153,268	5,177	4,716
36	23	97 648	47 869,522	1 342 219,061	28,039	27,578	86	73	25 714	4 683,392	22 715,276	4,850	4,389
37	24	97 540	46 878,847	1 294 349,540	27,611	27,149	87	74	22 238	3 970,748	18 031,884	4,541	4,080
38	25	97 428	45 906,762	1 247 470,693	27,174	26,712	88	75	18 872	3 303,748	14 061,136	4,256	3,795
39	26	97 299	44 947,269	1 201 563,931	26,733	26,271	89	76	15 728	2 699,405	10 757,389	3,985	3,523
40	27	97 165	44 004,946	1 156 616,662	26,284	25,822	90	77	12 777	2 149,829	8 057,983	3,748	3,287
41	28	97 014	43 075,184	1 112 611,716	25,830	25,368	91	78	10 236	1 688,584	5 908,154	3,499	3,037
42	29	96 857	42 162,072	1 069 536,532	25,367	24,906	92	79	7 928	1 282,197	4 219,570	3,291	2,829
43	30	96 681	41 260,305	1 027 374,460	24,900	24,438	93	80	5 987	949,326	2 937,373	3,094	2,633
44	31	96 481	40 367,718	986 114,155	24,428	23,967	94	81	4 391	682,560	1 988,047	2,913	2,451
45	32	96 260	39 485,531	945 746,438	23,952	23,490	95	82	3 122	475,739	1 305,487	2,744	2,283
46	33	96 013	38 611,868	906 260,907	23,471	23,009	96	83	2 144	320,411	829,749	2,590	2,128
47	34	95 740	37 747,331	867 649,039	22,986	22,524	97	84	1 422	208,229	509,337	2,446	1,984
48	35	95 423	36 884,685	829 901,707	22,500	22,038	98	85	906	130,109	301,108	2,314	1,853
49	36	95 079	36 031,139	793 017,022	22,009	21,548	99	86	554	77,980	170,999	2,193	1,731
							100	87	324	44,714	93,018	2,080	1,619

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	36	94 739	35 198,048	759 571,203	21,580	21,118
1							51	37	94 315	34 353,499	724 373,154	21,086	20,624
2							52	38	93 818	33 502,671	690 019,655	20,596	20,134
3							53	39	93 297	32 663,135	656 516,983	20,100	19,638
4							54	40	92 720	31 824,857	623 853,848	19,603	19,141
5							55	41	92 081	30 985,719	592 028,990	19,107	18,645
6							56	42	91 385	30 148,430	561 043,272	18,609	18,148
7							57	43	90 638	29 315,718	530 894,842	18,110	17,648
8							58	44	89 817	28 480,483	501 579,123	17,611	17,150
9							59	45	88 927	27 645,404	473 098,640	17,113	16,651
10							60	46	87 966	26 810,617	445 453,236	16,615	16,153
11							61	47	86 930	25 975,116	418 642,619	16,117	15,655
12							62	48	85 819	25 140,296	392 667,502	15,619	15,157
13							63	49	84 640	24 308,799	367 527,206	15,119	14,657
14	0	99 450	75 370,418	2 691 265,867	35,707	35,246	64	50	83 398	23 482,417	343 218,407	14,616	14,154
15	1	99 121	73 648,550	2 615 895,449	35,519	35,057	65	51	82 041	22 647,458	319 735,990	14,118	13,656
16	2	99 077	72 172,551	2 542 246,898	35,225	34,763	66	52	80 608	21 815,522	297 088,532	13,618	13,157
17	3	99 037	70 728,491	2 470 074,348	34,923	34,462	67	53	79 057	20 976,244	275 273,009	13,123	12,661
18	4	98 992	69 310,421	2 399 345,856	34,617	34,156	68	54	77 410	20 136,518	254 296,766	12,629	12,167
19	5	98 933	67 910,582	2 330 035,435	34,310	33,849	69	55	75 685	19 301,868	234 160,248	12,131	11,670
20	6	98 875	66 539,740	2 262 124,853	33,997	33,535	70	56	73 838	18 461,449	214 858,380	11,638	11,177
21	7	98 813	65 194,272	2 195 585,113	33,678	33,216	71	57	71 884	17 620,647	196 396,931	11,146	10,684
22	8	98 751	63 875,929	2 130 390,841	33,352	32,890	72	58	69 812	16 777,189	178 776,284	10,656	10,194
23	9	98 691	62 585,574	2 066 514,912	33,019	32,557	73	59	67 620	15 931,730	161 999,095	10,168	9,707
24	10	98 633	61 322,098	2 003 929,338	32,679	32,217	74	60	65 292	15 081,557	146 067,366	9,685	9,224
25	11	98 571	60 081,799	1 942 607,240	32,333	31,871	75	61	62 741	14 208,053	130 985,809	9,219	8,757
26	12	98 509	58 866,656	1 882 525,441	31,979	31,518	76	62	60 045	13 330,964	116 777,716	8,760	8,298
27	13	98 443	57 674,231	1 823 658,786	31,620	31,158	77	63	57 183	12 446,640	103 446,751	8,311	7,850
28	14	98 372	56 502,513	1 765 984,555	31,255	30,793	78	64	54 142	11 553,793	91 000,112	7,876	7,415
29	15	98 302	55 355,332	1 709 482,042	30,882	30,420	79	65	50 906	10 650,090	79 446,319	7,460	6,998
30	16	98 225	54 227,424	1 654 126,710	30,504	30,042	80	66	47 536	9 750,008	68 796,229	7,056	6,594
31	17	98 148	53 121,947	1 599 899,285	30,117	29,656	81	67	44 063	8 860,553	59 046,221	6,664	6,202
32	18	98 062	52 034,816	1 546 777,339	29,726	29,264	82	68	40 480	7 980,405	50 185,668	6,289	5,827
33	19	97 967	50 965,381	1 494 742,523	29,329	28,867	83	69	36 867	7 125,572	42 205,263	5,923	5,461
34	20	97 872	49 917,607	1 443 777,142	28,923	28,462	84	70	33 269	6 304,092	35 079,692	5,565	5,103
35	21	97 773	48 889,158	1 393 859,535	28,511	28,049	85	71	29 654	5 508,931	28 775,600	5,223	4,762
36	22	97 670	47 880,263	1 344 970,377	28,090	27,629	86	72	26 092	4 752,193	23 266,669	4,896	4,434
37	23	97 562	46 889,565	1 297 090,115	27,663	27,201	87	73	22 605	4 036,384	18 514,476	4,587	4,125
38	24	97 448	45 916,043	1 250 200,550	27,228	26,766	88	74	19 230	3 366,388	14 478,091	4,301	3,839
39	25	97 321	44 957,159	1 204 284,507	26,787	26,326	89	75	16 073	2 758,599	11 111,704	4,028	3,566
40	26	97 188	44 015,363	1 159 327,348	26,339	25,878	90	76	13 098	2 203,806	8 353,104	3,790	3,329
41	27	97 040	43 086,759	1 115 311,985	25,885	25,424	91	77	10 528	1 736,733	6 149,298	3,541	3,079
42	28	96 881	42 172,737	1 072 225,226	25,425	24,963	92	78	8 191	1 324,677	4 412,565	3,331	2,869
43	29	96 708	41 272,147	1 030 052,489	24,958	24,496	93	79	6 213	985,091	3 087,888	3,135	2,673
44	30	96 508	40 379,146	988 780,343	24,487	24,026	94	80	4 582	712,310	2 102,797	2,952	2,490
45	31	96 289	39 497,460	948 401,197	24,012	23,550	95	81	3 278	499,511	1 390,488	2,784	2,322
46	32	96 047	38 625,560	908 903,737	23,531	23,070	96	82	2 270	339,111	890,977	2,627	2,166
47	33	95 775	37 761,138	870 278,177	23,047	22,585	97	83	1 517	222,161	551,866	2,484	2,022
48	34	95 464	36 900,359	832 517,039	22,561	22,100	98	84	977	140,252	329,704	2,351	1,889
49	35	95 117	36 045,477	795 616,679	22,073	21,611	99	85	604	85,016	189,452	2,228	1,767
							100	86	358	49,365	104,437	2,116	1,654

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	35	94 776	35 212,054	761 936,680	21,639	21,177
1							51	36	94 360	34 369,832	726 724,626	21,144	20,683
2							52	37	93 869	33 520,561	692 354,793	20,655	20,193
3							53	38	93 349	32 681,330	658 834,233	20,159	19,698
4							54	39	92 782	31 845,925	626 152,903	19,662	19,200
5							55	40	92 146	31 007,617	594 306,978	19,166	18,705
6							56	41	91 458	30 172,613	563 299,361	18,669	18,208
7							57	42	90 719	29 341,835	533 126,747	18,170	17,708
8							58	43	89 909	28 509,676	503 784,912	17,671	17,209
9							59	44	89 027	27 676,489	475 275,237	17,173	16,711
10							60	45	88 078	26 844,689	447 598,747	16,674	16,212
11							61	46	87 052	26 011,770	420 754,058	16,176	15,714
12							62	47	85 959	25 181,471	394 742,289	15,676	15,214
13							63	48	84 790	24 351,863	369 560,818	15,176	14,714
14							64	49	83 570	23 530,835	345 208,954	14,670	14,209
15	0	99 435	73 881,476	2 618 805,280	35,446	34,984	65	50	82 222	22 697,461	321 678,119	14,172	13,711
16	1	99 104	72 191,607	2 544 923,805	35,252	34,791	66	51	80 805	21 869,032	298 980,658	13,671	13,210
17	2	99 052	70 739,027	2 472 732,198	34,956	34,494	67	52	79 274	21 033,990	277 111,627	13,174	12,713
18	3	99 003	69 318,166	2 401 993,170	34,652	34,190	68	53	77 643	20 197,242	256 077,637	12,679	12,217
19	4	98 945	67 918,677	2 332 675,004	34,345	33,884	69	54	75 928	19 363,661	235 880,395	12,182	11,720
20	5	98 885	66 546,466	2 264 756,328	34,033	33,571	70	55	74 100	18 527,094	216 516,734	11,686	11,225
21	6	98 821	65 199,950	2 198 209,862	33,715	33,253	71	56	72 156	17 687,368	197 989,640	11,194	10,732
22	7	98 759	63 881,412	2 133 009,912	33,390	32,929	72	57	70 092	16 844,509	180 302,272	10,704	10,242
23	8	98 698	62 590,183	2 069 128,500	33,058	32,597	73	58	67 920	16 002,337	163 457,764	10,215	9,753
24	9	98 640	61 326,328	2 006 538,316	32,719	32,257	74	59	65 602	15 153,110	147 455,427	9,731	9,269
25	10	98 578	60 086,063	1 945 211,988	32,374	31,912	75	60	63 081	14 285,080	132 302,317	9,262	8,800
26	11	98 516	58 871,363	1 885 125,925	32,021	31,559	76	61	60 392	13 408,016	118 017,236	8,802	8,340
27	12	98 451	57 678,874	1 826 254,561	31,662	31,201	77	62	57 546	12 525,647	104 609,220	8,352	7,890
28	13	98 381	56 507,574	1 768 575,687	31,298	30,836	78	63	54 510	11 632,169	92 083,573	7,916	7,455
29	14	98 313	55 361,333	1 712 068,112	30,925	30,464	79	64	51 283	10 728,941	80 451,404	7,499	7,037
30	15	98 238	54 234,246	1 656 706,780	30,547	30,086	80	65	47 910	9 826,754	69 722,463	7,095	6,634
31	16	98 163	53 130,122	1 602 472,533	30,161	29,700	81	66	44 443	8 937,003	59 895,709	6,702	6,240
32	17	98 077	52 043,167	1 549 342,411	29,770	29,309	82	67	40 853	8 053,956	50 958,707	6,327	5,866
33	18	97 990	50 977,025	1 497 299,244	29,372	28,910	83	68	37 228	7 195,444	42 904,751	5,963	5,501
34	19	97 892	49 927,919	1 446 322,219	28,968	28,507	84	69	33 626	6 371,769	35 709,307	5,604	5,143
35	20	97 795	48 900,013	1 396 394,300	28,556	28,095	85	70	30 002	5 573,612	29 337,537	5,264	4,802
36	21	97 691	47 890,286	1 347 494,287	28,137	27,676	86	71	26 432	4 814,186	23 763,926	4,936	4,475
37	22	97 584	46 900,086	1 299 604,002	27,710	27,248	87	72	22 937	4 095,680	18 949,740	4,627	4,165
38	23	97 470	45 926,541	1 252 703,916	27,276	26,815	88	73	19 548	3 422,034	14 854,059	4,341	3,879
39	24	97 340	44 966,248	1 206 777,375	26,837	26,376	89	74	16 378	2 810,903	11 432,025	4,067	3,605
40	25	97 209	44 025,047	1 161 811,126	26,390	25,928	90	75	13 385	2 252,133	8 621,122	3,828	3,366
41	26	97 063	43 096,958	1 117 786,079	25,937	25,475	91	76	10 792	1 780,338	6 368,989	3,577	3,116
42	27	96 907	42 184,069	1 074 689,120	25,476	25,015	92	77	8 424	1 362,449	4 588,651	3,368	2,906
43	28	96 733	41 282,586	1 032 505,051	25,011	24,549	93	78	6 419	1 017,727	3 226,202	3,170	2,708
44	29	96 536	40 390,735	991 222,465	24,541	24,079	94	79	4 755	739,145	2 208,474	2,988	2,526
45	30	96 316	39 508,642	950 831,730	24,066	23,605	95	80	3 420	521,283	1 469,329	2,819	2,357
46	31	96 076	38 637,229	911 323,088	23,587	23,125	96	81	2 383	356,056	948,047	2,663	2,201
47	32	95 809	37 774,528	872 685,859	23,102	22,641	97	82	1 605	235,127	591,991	2,518	2,056
48	33	95 499	36 913,857	834 911,331	22,618	22,156	98	83	1 042	149,636	356,863	2,385	1,923
49	34	95 158	36 060,794	797 997,474	22,129	21,668	99	84	651	91,643	207,228	2,261	1,800
							100	85	390	53,819	115,585	2,148	1,686

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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12						
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14						
15						
16	0	99 417	72 419,924	2 547 608,677	35,178	34,717
17	1	99 078	70 757,705	2 475 188,753	34,981	34,520
18	2	99 018	69 328,492	2 404 431,048	34,682	34,220
19	3	98 956	67 926,266	2 335 102,556	34,377	33,915
20	4	98 896	66 554,398	2 267 176,289	34,065	33,603
21	5	98 831	65 206,541	2 200 621,892	33,748	33,287
22	6	98 768	63 886,976	2 135 415,351	33,425	32,963
23	7	98 707	62 595,556	2 071 528,375	33,094	32,632
24	8	98 647	61 330,845	2 008 932,819	32,756	32,294
25	9	98 584	60 090,208	1 947 601,974	32,411	31,950
26	10	98 523	58 875,542	1 887 511,766	32,059	31,598
27	11	98 459	57 683,487	1 828 636,224	31,701	31,240
28	12	98 389	56 512,124	1 770 952,737	31,338	30,876
29	13	98 322	55 366,292	1 714 440,613	30,965	30,504
30	14	98 248	54 240,125	1 659 074,321	30,588	30,126
31	15	98 175	53 136,806	1 604 834,195	30,202	29,740
32	16	98 093	52 051,177	1 551 697,389	29,811	29,349
33	17	98 005	50 985,206	1 499 646,213	29,413	28,952
34	18	97 915	49 939,326	1 448 661,007	29,008	28,547
35	19	97 815	48 910,115	1 398 721,681	28,598	28,136
36	20	97 712	47 900,919	1 349 811,566	28,179	27,718
37	21	97 605	46 909,903	1 301 910,647	27,753	27,292
38	22	97 492	45 936,846	1 255 000,743	27,320	26,859
39	23	97 363	44 976,529	1 209 063,897	26,882	26,420
40	24	97 229	44 033,948	1 164 087,368	26,436	25,975
41	25	97 084	43 106,441	1 120 053,419	25,983	25,522
42	26	96 930	42 194,055	1 076 946,978	25,524	25,062
43	27	96 759	41 293,679	1 034 752,923	25,058	24,597
44	28	96 560	40 400,951	993 459,244	24,590	24,128
45	29	96 344	39 519,981	953 058,293	24,116	23,654
46	30	96 103	38 648,168	913 538,312	23,637	23,176
47	31	95 838	37 785,941	874 890,143	23,154	22,692
48	32	95 533	36 926,946	837 104,203	22,669	22,208
49	33	95 192	36 073,984	800 177,257	22,182	21,720

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
50	34	94 817	35 227,018	764 103,273	21,691	21,229
51	35	94 397	34 383,509	728 876,255	21,198	20,737
52	36	93 913	33 536,498	694 492,746	20,709	20,247
53	37	93 399	32 698,780	660 956,248	20,213	19,752
54	38	92 834	31 863,664	628 257,468	19,717	19,255
55	39	92 207	31 028,144	596 393,804	19,221	18,759
56	40	91 523	30 193,937	565 365,660	18,724	18,263
57	41	90 792	29 365,371	535 171,723	18,225	17,763
58	42	89 989	28 535,074	505 806,352	17,726	17,264
59	43	89 118	27 704,857	477 271,277	17,227	16,765
60	44	88 177	26 874,874	449 566,420	16,728	16,267
61	45	87 163	26 044,826	422 691,546	16,229	15,768
62	46	86 080	25 217,005	396 646,720	15,729	15,268
63	47	84 929	24 391,747	371 429,715	15,228	14,766
64	48	83 718	23 572,522	347 037,968	14,722	14,261
65	49	82 392	22 744,260	323 465,447	14,222	13,760
66	50	80 984	21 917,315	300 721,186	13,721	13,259
67	51	79 469	21 085,582	278 803,871	13,222	12,761
68	52	77 857	20 252,843	257 718,289	12,725	12,263
69	53	76 157	19 422,055	237 465,446	12,227	11,765
70	54	74 337	18 586,407	218 043,391	11,731	11,270
71	55	72 413	17 750,260	199 456,984	11,237	10,775
72	56	70 358	16 908,290	181 706,724	10,747	10,285
73	57	68 192	16 066,548	164 798,434	10,257	9,796
74	58	65 892	15 220,267	148 731,886	9,772	9,310
75	59	63 380	14 352,855	133 511,619	9,302	8,840
76	60	60 719	13 480,668	119 158,765	8,839	8,378
77	61	57 878	12 598,044	105 678,096	8,388	7,927
78	62	54 856	11 706,006	93 080,052	7,951	7,490
79	63	51 631	10 801,722	81 374,046	7,533	7,072
80	64	48 264	9 899,509	70 572,324	7,129	6,667
81	65	44 793	9 007,349	60 672,815	6,736	6,274
82	66	41 205	8 123,446	51 665,466	6,360	5,898
83	67	37 571	7 261,760	43 542,020	5,996	5,534
84	68	33 956	6 434,250	36 280,260	5,639	5,177
85	69	30 324	5 633,447	29 846,010	5,298	4,836
86	70	26 743	4 870,709	24 212,562	4,971	4,509
87	71	23 236	4 149,109	19 341,853	4,662	4,200
88	72	19 835	3 472,305	15 192,744	4,375	3,914
89	73	16 649	2 857,368	11 720,438	4,102	3,640
90	74	13 639	2 294,834	8 863,071	3,862	3,401
91	75	11 029	1 819,378	6 568,237	3,610	3,149
92	76	8 636	1 396,658	4 748,859	3,400	2,939
93	77	6 602	1 046,747	3 352,201	3,202	2,741
94	78	4 912	763,634	2 305,454	3,019	2,557
95	79	3 549	540,921	1 541,821	2,850	2,389
96	80	2 487	371,575	1 000,900	2,694	2,232
97	81	1 685	246,876	629,325	2,549	2,088
98	82	1 103	158,369	382,448	2,415	1,953
99	83	694	97,775	224,080	2,292	1,830
100	84	420	58,014	126,305	2,177	1,716

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß 2,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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17	0	99 391	70 981,487	2 477 667,419	34,906	34,444
18	1	99 044	69 346,797	2 406 685,932	34,705	34,243
19	2	98 970	67 936,385	2 337 339,135	34,405	33,943
20	3	98 907	66 561,835	2 269 402,750	34,095	33,633
21	4	98 843	65 214,313	2 202 840,915	33,778	33,317
22	5	98 778	63 893,434	2 137 626,602	33,456	32,995
23	6	98 715	62 601,008	2 073 733,168	33,126	32,665
24	7	98 655	61 336,109	2 011 132,160	32,789	32,327
25	8	98 592	60 094,634	1 949 796,051	32,445	31,984
26	9	98 530	58 879,603	1 889 701,417	32,094	31,633
27	10	98 466	57 687,581	1 830 821,813	31,737	31,275
28	11	98 397	56 516,643	1 773 134,232	31,374	30,912
29	12	98 330	55 370,750	1 716 617,589	31,002	30,541
30	13	98 257	54 244,984	1 661 246,839	30,625	30,163
31	14	98 186	53 142,566	1 607 001,855	30,239	29,778
32	15	98 105	52 057,725	1 553 859,289	29,849	29,387
33	16	98 020	50 993,053	1 501 801,564	29,451	28,989
34	17	97 931	49 947,341	1 450 808,511	29,047	28,585
35	18	97 837	48 921,289	1 400 861,170	28,635	28,173
36	19	97 733	47 910,815	1 351 939,881	28,218	27,756
37	20	97 626	46 920,319	1 304 029,066	27,792	27,331
38	21	97 512	45 946,462	1 257 108,747	27,360	26,899
39	22	97 385	44 986,621	1 211 162,285	26,923	26,461
40	23	97 251	44 044,016	1 166 175,664	26,478	26,016
41	24	97 104	43 115,156	1 122 131,648	26,026	25,565
42	25	96 951	42 203,339	1 079 016,492	25,567	25,105
43	26	96 782	41 303,454	1 036 813,153	25,102	24,641
44	27	96 586	40 411,808	995 509,698	24,634	24,173
45	28	96 368	39 529,977	955 097,890	24,161	23,700
46	29	96 131	38 659,260	915 567,913	23,683	23,221
47	30	95 865	37 796,638	876 908,653	23,201	22,739
48	31	95 561	36 938,102	839 112,015	22,717	22,255
49	32	95 226	36 086,776	802 173,912	22,229	21,767
50	33	94 851	35 239,903	766 087,136	21,739	21,278
51	34	94 437	34 398,120	730 847,234	21,247	20,785
52	35	93 951	33 549,842	696 449,114	20,759	20,297
53	36	93 443	32 714,327	662 899,271	20,263	19,802
54	37	92 883	31 880,678	630 184,944	19,767	19,305
55	38	92 259	31 045,427	598 304,266	19,272	18,810
56	39	91 583	30 213,925	567 258,839	18,775	18,313
57	40	90 856	29 386,125	537 044,914	18,275	17,814
58	41	90 061	28 557,963	507 658,789	17,776	17,315
59	42	89 198	27 729,539	479 100,826	17,278	16,816
60	43	88 268	26 902,420	451 371,287	16,778	16,316
61	44	87 261	26 074,112	424 468,867	16,279	15,818
62	45	86 190	25 249,051	398 394,755	15,779	15,317
63	46	85 048	24 426,166	373 145,703	15,276	14,815
64	47	83 855	23 611,129	348 719,538	14,769	14,308
65	48	82 538	22 784,553	325 108,409	14,269	13,807
66	49	81 151	21 962,506	302 323,856	13,765	13,304
67	50	79 644	21 132,136	280 361,349	13,267	12,805
68	51	78 048	20 302,519	259 229,213	12,768	12,307
69	52	76 366	19 475,522	238 926,694	12,268	11,806
70	53	74 562	18 642,456	219 451,171	11,772	11,310
71	54	72 645	17 807,086	200 808,715	11,277	10,815
72	55	70 608	16 968,412	183 001,629	10,785	10,323
73	56	68 450	16 127,384	166 033,217	10,295	9,834
74	57	66 157	15 281,340	149 905,833	9,810	9,348
75	58	63 661	14 416,465	134 624,494	9,338	8,877
76	59	61 007	13 544,626	120 208,029	8,875	8,413
77	60	58 192	12 666,307	106 663,403	8,421	7,959
78	61	55 173	11 773,666	93 997,095	7,984	7,522
79	62	51 958	10 870,288	82 223,429	7,564	7,102
80	63	48 592	9 966,663	71 353,142	7,159	6,698
81	64	45 125	9 074,038	61 386,478	6,765	6,303
82	65	41 530	8 187,389	52 312,441	6,389	5,928
83	66	37 895	7 324,415	44 125,052	6,024	5,563
84	67	34 269	6 493,551	36 800,637	5,667	5,206
85	68	30 622	5 688,688	30 307,085	5,328	4,866
86	69	27 030	4 922,999	24 618,397	5,001	4,539
87	70	23 509	4 197,824	19 695,398	4,692	4,230
88	71	20 094	3 517,602	15 497,574	4,406	3,944
89	72	16 893	2 899,343	11 979,972	4,132	3,670
90	73	13 864	2 332,767	9 080,629	3,893	3,431
91	74	11 238	1 853,874	6 747,862	3,640	3,178
92	75	8 825	1 427,284	4 893,987	3,429	2,967
93	76	6 767	1 073,028	3 466,703	3,231	2,769
94	77	5 053	785,408	2 393,675	3,048	2,586
95	78	3 667	558,842	1 608,267	2,878	2,416
96	79	2 581	385,574	1 049,425	2,722	2,260
97	80	1 759	257,637	663,851	2,577	2,115
98	81	1 158	166,282	406,214	2,443	1,981
99	82	735	103,481	239,932	2,319	1,857
100	83	448	61,896	136,451	2,205	1,743

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	32	94 885	35 252,399	767 904,514	21,783	21,321
1							51	33	94 472	34 410,702	732 652,115	21,291	20,830
2							52	34	93 990	33 564,099	698 241,414	20,803	20,342
3							53	35	93 480	32 727,344	664 677,314	20,310	19,848
4							54	36	92 927	31 895,836	631 949,970	19,813	19,351
5							55	37	92 308	31 062,004	600 054,134	19,318	18,856
6							56	38	91 634	30 230,755	568 992,130	18,822	18,360
7							57	39	90 916	29 405,578	538 761,375	18,322	17,860
8							58	40	90 125	28 578,146	509 355,797	17,823	17,362
9							59	41	89 269	27 751,782	480 777,651	17,324	16,863
10							60	42	88 346	26 926,387	453 025,869	16,825	16,363
11							61	43	87 350	26 100,837	426 099,482	16,325	15,864
12							62	44	86 287	25 277,442	399 998,644	15,824	15,363
13							63	45	85 156	24 457,208	374 721,202	15,322	14,860
14							64	46	83 973	23 644,446	350 263,995	14,814	14,352
15							65	47	82 673	22 821,870	326 619,548	14,312	13,850
16							66	48	81 295	22 001,414	303 797,679	13,808	13,346
17							67	49	79 809	21 175,708	281 796,264	13,308	12,846
18	0	99 358	69 566,118	2 408 975,488	34,629	34,167	68	50	78 220	20 347,344	260 620,556	12,809	12,347
19	1	98 997	67 954,322	2 339 409,370	34,426	33,965	69	51	76 553	19 523,292	240 273,211	12,307	11,845
20	2	98 922	66 571,750	2 271 455,048	34,120	33,659	70	52	74 767	18 693,778	220 749,920	11,809	11,347
21	3	98 854	65 221,600	2 204 883,298	33,806	33,344	71	53	72 864	17 860,785	202 056,142	11,313	10,851
22	4	98 790	63 901,050	2 139 661,698	33,484	33,022	72	54	70 834	17 022,735	184 195,357	10,821	10,359
23	5	98 725	62 607,336	2 075 760,648	33,155	32,694	73	55	68 694	16 184,729	167 172,621	10,329	9,867
24	6	98 664	61 341,452	2 013 153,312	32,819	32,357	74	56	66 407	15 339,202	150 987,892	9,843	9,382
25	7	98 600	60 099,792	1 951 811,861	32,476	32,015	75	57	63 916	14 474,312	135 648,690	9,372	8,910
26	8	98 537	58 883,940	1 891 712,068	32,126	31,665	76	58	61 277	13 604,654	121 174,378	8,907	8,445
27	9	98 473	57 691,561	1 832 828,128	31,769	31,308	77	59	58 468	12 726,402	107 569,724	8,452	7,991
28	10	98 404	56 520,654	1 775 136,567	31,407	30,945	78	60	55 472	11 837,462	94 843,322	8,012	7,551
29	11	98 338	55 375,178	1 718 615,913	31,036	30,574	79	61	52 259	10 933,117	83 005,860	7,592	7,131
30	12	98 265	54 249,351	1 663 240,735	30,659	30,198	80	62	48 900	10 029,928	72 072,743	7,186	6,724
31	13	98 194	53 147,327	1 608 991,384	30,274	29,813	81	63	45 431	9 135,592	62 042,814	6,791	6,330
32	14	98 116	52 063,368	1 555 844,057	29,884	29,422	82	64	41 837	8 248,007	52 907,222	6,415	5,953
33	15	98 033	50 999,468	1 503 780,689	29,486	29,025	83	65	38 194	7 382,068	44 659,215	6,050	5,588
34	16	97 946	49 955,028	1 452 781,221	29,082	28,620	84	66	34 564	6 549,578	37 277,147	5,692	5,230
35	17	97 853	48 929,141	1 402 826,193	28,671	28,209	85	67	30 904	5 741,118	30 727,569	5,352	4,891
36	18	97 755	47 921,760	1 353 897,052	28,252	27,791	86	68	27 295	4 971,273	24 986,451	5,026	4,565
37	19	97 647	46 930,012	1 305 975,292	27,828	27,367	87	69	23 762	4 242,890	20 015,178	4,717	4,256
38	20	97 534	45 956,664	1 259 045,280	27,396	26,935	88	70	20 330	3 558,902	15 772,288	4,432	3,970
39	21	97 405	44 996,038	1 213 088,615	26,960	26,498	89	71	17 114	2 937,166	12 213,386	4,158	3,697
40	22	97 273	44 053,899	1 168 092,577	26,515	26,053	90	72	14 068	2 367,037	9 276,220	3,919	3,457
41	23	97 126	43 125,014	1 124 038,678	26,065	25,603	91	73	11 424	1 884,519	6 909,184	3,666	3,205
42	24	96 971	42 211,872	1 080 913,665	25,607	25,145	92	74	8 993	1 454,346	5 024,665	3,455	2,993
43	25	96 803	41 312,542	1 038 701,793	25,143	24,681	93	75	6 916	1 096,558	3 570,319	3,256	2,794
44	26	96 609	40 421,374	997 389,251	24,675	24,213	94	76	5 179	805,128	2 473,761	3,073	2,611
45	27	96 394	39 540,600	956 967,876	24,202	23,741	95	77	3 772	574,777	1 668,633	2,903	2,441
46	28	96 155	38 669,038	917 427,277	23,725	23,264	96	78	2 666	398,348	1 093,856	2,746	2,284
47	29	95 893	37 807,486	878 758,238	23,243	22,781	97	79	1 825	267,343	695,508	2,602	2,140
48	30	95 589	36 948,560	840 950,753	22,760	22,298	98	80	1 208	173,530	428,165	2,467	2,006
49	31	95 255	36 097,678	804 002,193	22,273	21,811	99	81	772	108,652	254,635	2,344	1,882
							100	82	475	65,508	145,983	2,228	1,767

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß 2,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	31	94 914	35 263,049	769 568,668	21,824	21,362
1							51	32	94 505	34 422,904	734 305,619	21,332	20,870
2							52	33	94 025	33 576,376	699 882,716	20,844	20,383
3							53	34	93 520	32 741,252	666 306,339	20,351	19,889
4							54	35	92 964	31 908,527	633 565,087	19,856	19,394
5							55	36	92 352	31 076,773	601 656,560	19,360	18,899
6							56	37	91 683	30 246,897	570 579,787	18,864	18,402
7							57	38	90 966	29 421,958	540 332,890	18,365	17,903
8							58	39	90 184	28 597,064	510 910,932	17,866	17,404
9							59	40	89 332	27 771,395	482 313,868	17,367	16,906
10							60	41	88 417	26 947,986	454 542,473	16,867	16,406
11							61	42	87 428	26 124,090	427 594,488	16,368	15,906
12							62	43	86 375	25 303,351	401 470,397	15,866	15,405
13							63	44	85 252	24 484,708	376 167,046	15,363	14,902
14							64	45	84 080	23 674,495	351 682,339	14,855	14,393
15							65	46	82 789	22 854,074	328 007,844	14,352	13,891
16							66	47	81 428	22 037,448	305 153,770	13,847	13,385
17							67	48	79 950	21 213,222	283 116,322	13,346	12,885
18							68	49	78 382	20 389,299	261 903,100	12,845	12,384
19	0	99 310	68 169,238	2 341 525,361	34,349	33,887	69	50	76 722	19 566,396	241 513,801	12,343	11,882
20	1	98 948	66 589,327	2 273 356,123	34,140	33,678	70	51	74 950	18 739,630	221 947,405	11,844	11,382
21	2	98 869	65 231,316	2 206 766,795	33,830	33,368	71	52	73 065	17 909,955	203 207,775	11,346	10,884
22	3	98 801	63 908,190	2 141 535,479	33,510	33,048	72	53	71 048	17 074,069	185 297,820	10,853	10,391
23	4	98 737	62 614,798	2 077 627,289	33,181	32,719	73	54	68 914	16 236,543	168 223,751	10,361	9,899
24	5	98 674	61 347,652	2 015 012,490	32,846	32,384	74	55	66 643	15 393,745	151 987,207	9,873	9,412
25	6	98 609	60 105,027	1 953 664,838	32,504	32,043	75	56	64 158	14 529,119	136 593,463	9,401	8,940
26	7	98 546	58 888,994	1 893 559,811	32,155	31,693	76	57	61 523	13 659,244	122 064,344	8,936	8,475
27	8	98 480	57 695,810	1 834 670,817	31,799	31,337	77	58	58 727	12 782,804	108 405,099	8,481	8,019
28	9	98 411	56 524,554	1 776 975,007	31,437	30,976	78	59	55 735	11 893,624	95 622,296	8,040	7,578
29	10	98 345	55 379,108	1 720 450,453	31,067	30,605	79	60	52 542	10 992,359	83 728,672	7,617	7,155
30	11	98 273	54 253,690	1 665 071,345	30,690	30,229	80	61	49 183	10 087,901	72 736,313	7,210	6,749
31	12	98 202	53 151,605	1 610 817,655	30,306	29,844	81	62	45 719	9 193,582	62 648,412	6,814	6,353
32	13	98 124	52 068,032	1 557 666,050	29,916	29,454	82	63	42 121	8 303,958	53 454,830	6,437	5,976
33	14	98 043	51 004,996	1 505 598,018	29,519	29,057	83	64	38 477	7 436,724	45 150,873	6,071	5,610
34	15	97 958	49 961,312	1 454 593,022	29,114	28,653	84	65	34 836	6 601,132	37 714,149	5,713	5,252
35	16	97 868	48 936,671	1 404 631,709	28,703	28,241	85	66	31 170	5 790,653	31 113,017	5,373	4,911
36	17	97 771	47 929,452	1 355 695,038	28,285	27,824	86	67	27 547	5 017,091	25 322,364	5,047	4,586
37	18	97 669	46 940,734	1 307 765,586	27,860	27,398	87	68	23 995	4 284,495	20 305,273	4,739	4,278
38	19	97 554	45 966,158	1 260 824,852	27,429	26,968	88	69	20 548	3 597,109	16 020,779	4,454	3,992
39	20	97 427	45 006,029	1 214 858,694	26,993	26,532	89	70	17 315	2 971,651	12 423,670	4,181	3,719
40	21	97 293	44 063,121	1 169 852,665	26,549	26,088	90	71	14 251	2 397,915	9 452,019	3,942	3,480
41	22	97 148	43 134,690	1 125 789,545	26,099	25,638	91	72	11 592	1 912,203	7 054,104	3,689	3,227
42	23	96 993	42 221,523	1 082 654,855	25,642	25,181	92	73	9 141	1 478,386	5 141,900	3,478	3,016
43	24	96 823	41 320,895	1 040 433,332	25,179	24,718	93	74	7 047	1 117,349	3 663,514	3,279	2,817
44	25	96 630	40 430,268	999 112,437	24,712	24,250	94	75	5 293	822,783	2 546,165	3,095	2,633
45	26	96 417	39 549,960	958 682,169	24,240	23,778	95	76	3 866	589,209	1 723,382	2,925	2,463
46	27	96 181	38 679,430	919 132,209	23,763	23,301	96	77	2 742	409,707	1 134,173	2,768	2,307
47	28	95 917	37 817,049	880 452,780	23,282	22,820	97	78	1 886	276,200	724,467	2,623	2,161
48	29	95 616	36 959,164	842 635,731	22,799	22,337	98	79	1 254	180,067	448,267	2,489	2,028
49	30	95 282	36 107,898	805 676,567	22,313	21,851	99	80	805	113,388	268,199	2,365	1,904
							100	81	498	68,781	154,812	2,251	1,789

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	30	94 940	35 273,032	771 092,669	21,861	21,399
1							51	31	94 534	34 433,304	735 819,636	21,369	20,908
2							52	32	94 058	33 588,282	701 386,333	20,882	20,420
3							53	33	93 554	32 753,228	667 798,050	20,389	19,927
4							54	34	93 004	31 922,087	635 044,823	19,894	19,432
5							55	35	92 389	31 089,138	603 122,736	19,400	18,938
6							56	36	91 727	30 261,278	572 033,597	18,903	18,442
7							57	37	91 015	29 437,668	541 772,319	18,404	17,942
8							58	38	90 235	28 612,994	512 334,651	17,906	17,444
9							59	39	89 391	27 789,779	483 721,658	17,406	16,945
10							60	40	88 480	26 967,031	455 931,879	16,907	16,445
11							61	41	87 498	26 145,045	428 964,848	16,407	15,946
12							62	42	86 452	25 325,893	402 819,803	15,905	15,444
13							63	43	85 340	24 509,804	377 493,909	15,402	14,940
14							64	44	84 174	23 701,115	352 984,105	14,893	14,432
15							65	45	82 895	22 883,118	329 282,990	14,390	13,928
16							66	46	81 543	22 068,545	306 399,872	13,884	13,422
17							67	47	80 081	21 247,965	284 331,327	13,382	12,920
18							68	48	78 520	20 425,419	263 083,362	12,880	12,419
19							69	49	76 881	19 606,740	242 657,943	12,376	11,915
20	0	99 261	66 799,927	2 275 312,699	34,062	33,600	70	50	75 116	18 781,004	223 051,202	11,876	11,415
21	1	98 895	65 248,539	2 208 512,773	33,848	33,386	71	51	73 244	17 953,884	204 270,198	11,377	10,916
22	2	98 815	63 917,710	2 143 264,233	33,532	33,070	72	52	71 243	17 121,073	186 316,314	10,882	10,421
23	3	98 748	62 621,795	2 079 346,523	33,205	32,743	73	53	69 122	16 285,506	169 195,241	10,389	9,928
24	4	98 686	61 354,965	2 016 724,728	32,870	32,408	74	54	66 857	15 443,027	152 909,734	9,902	9,440
25	5	98 619	60 111,102	1 955 369,763	32,529	32,068	75	55	64 386	14 580,781	137 466,708	9,428	8,966
26	6	98 554	58 894,123	1 895 258,661	32,181	31,719	76	56	61 756	13 710,965	122 885,926	8,963	8,501
27	7	98 489	57 700,762	1 836 364,537	31,826	31,364	77	57	58 963	12 834,096	109 174,961	8,507	8,045
28	8	98 418	56 528,717	1 778 663,775	31,465	31,003	78	58	55 982	11 946,335	96 340,866	8,064	7,603
29	9	98 351	55 382,929	1 722 135,058	31,095	30,633	79	59	52 791	11 044,511	84 394,531	7,641	7,180
30	10	98 280	54 257,540	1 666 752,130	30,719	30,258	80	60	49 449	10 142,562	73 350,019	7,232	6,770
31	11	98 210	53 155,856	1 612 494,589	30,335	29,874	81	61	45 983	9 246,720	63 207,457	6,836	6,374
32	12	98 132	52 072,224	1 559 338,733	29,946	29,484	82	62	42 388	8 356,668	53 960,737	6,457	5,996
33	13	98 052	51 009,566	1 507 266,509	29,549	29,087	83	63	38 738	7 487,171	45 604,068	6,091	5,629
34	14	97 969	49 966,728	1 456 256,944	29,145	28,683	84	64	35 094	6 650,006	38 116,897	5,732	5,270
35	15	97 880	48 942,828	1 406 290,216	28,733	28,272	85	65	31 416	5 836,233	31 466,891	5,392	4,930
36	16	97 786	47 936,828	1 357 347,388	28,315	27,854	86	66	27 784	5 060,379	25 630,659	5,065	4,603
37	17	97 685	46 948,268	1 309 410,560	27,890	27,429	87	67	24 216	4 323,983	20 570,280	4,757	4,296
38	18	97 576	45 976,660	1 262 462,292	27,459	26,997	88	68	20 749	3 632,382	16 246,297	4,473	4,011
39	19	97 447	45 015,327	1 216 485,633	27,024	26,562	89	69	17 501	3 003,553	12 613,915	4,200	3,738
40	20	97 315	44 072,904	1 171 470,306	26,580	26,119	90	70	14 418	2 426,069	9 610,362	3,961	3,500
41	21	97 168	43 143,720	1 127 397,402	26,131	25,670	91	71	11 743	1 937,148	7 184,293	3,709	3,247
42	22	97 015	42 230,996	1 084 253,682	25,674	25,213	92	72	9 275	1 500,104	5 247,145	3,498	3,036
43	23	96 845	41 330,342	1 042 022,686	25,212	24,750	93	73	7 163	1 135,819	3 747,041	3,299	2,837
44	24	96 650	40 438,442	1 000 692,343	24,746	24,284	94	74	5 393	838,383	2 611,221	3,115	2,653
45	25	96 438	39 558,662	960 253,901	24,274	23,813	95	75	3 951	602,129	1 772,838	2,944	2,483
46	26	96 203	38 688,586	920 695,239	23,798	23,336	96	76	2 811	419,993	1 170,709	2,787	2,326
47	27	95 943	37 827,211	882 006,654	23,317	22,855	97	77	1 939	284,076	750,716	2,643	2,181
48	28	95 640	36 968,513	844 179,442	22,835	22,373	98	78	1 295	186,033	466,640	2,508	2,047
49	29	95 309	36 118,261	807 210,930	22,349	21,887	99	79	836	117,659	280,607	2,385	1,923
							100	80	520	71,779	162,948	2,270	1,809

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	29	94 968	35 283,156	772 489,119	21,894	21,432
1							51	30	94 561	34 443,052	737 205,963	21,404	20,942
2							52	31	94 087	33 598,430	702 762,911	20,917	20,455
3							53	32	93 587	32 764,842	669 164,482	20,423	19,962
4							54	33	93 038	31 933,763	636 399,640	19,929	19,467
5							55	34	92 428	31 102,350	604 465,876	19,435	18,973
6							56	35	91 763	30 273,319	573 363,526	18,940	18,478
7							57	36	91 058	29 451,664	543 090,207	18,440	17,978
8							58	37	90 283	28 628,272	513 638,543	17,942	17,480
9							59	38	89 441	27 805,259	485 010,271	17,443	16,982
10							60	39	88 538	26 984,883	457 205,013	16,943	16,481
11							61	40	87 560	26 163,523	430 220,130	16,444	15,982
12							62	41	86 521	25 346,208	404 056,607	15,942	15,480
13							63	42	85 416	24 531,640	378 710,399	15,438	14,976
14							64	43	84 261	23 725,408	354 178,760	14,928	14,467
15							65	44	82 988	22 908,848	330 453,351	14,425	13,963
16							66	45	81 646	22 096,591	307 544,504	13,918	13,457
17							67	46	80 194	21 277,948	285 447,913	13,415	12,954
18							68	47	78 649	20 458,872	264 169,964	12,912	12,451
19							69	48	77 017	19 641,475	243 711,092	12,408	11,946
20							70	49	75 271	18 819,729	224 069,618	11,906	11,444
21	0	99 208	65 454,898	2 210 322,785	33,769	33,307	71	50	73 405	17 993,524	205 249,889	11,407	10,945
22	1	98 842	63 934,587	2 144 867,886	33,548	33,086	72	51	71 418	17 163,068	187 256,365	10,910	10,449
23	2	98 763	62 631,123	2 080 933,300	33,225	32,764	73	52	69 312	16 330,339	170 093,297	10,416	9,954
24	3	98 697	61 361,821	2 018 302,176	32,892	32,430	74	53	67 058	15 489,597	153 762,958	9,927	9,465
25	4	98 630	60 118,267	1 956 940,355	32,552	32,090	75	54	64 592	14 627,461	138 273,361	9,453	8,991
26	5	98 564	58 900,077	1 896 822,088	32,204	31,742	76	55	61 976	13 759,718	123 645,901	8,986	8,524
27	6	98 497	57 705,788	1 837 922,011	31,850	31,388	77	56	59 186	12 882,692	109 886,183	8,530	8,068
28	7	98 426	56 533,569	1 780 216,223	31,490	31,028	78	57	56 207	11 994,271	97 003,491	8,087	7,626
29	8	98 359	55 387,008	1 723 682,655	31,121	30,659	79	58	53 025	11 093,459	85 009,220	7,663	7,201
30	9	98 287	54 261,284	1 668 295,647	30,746	30,284	80	59	49 684	10 190,683	73 915,761	7,253	6,792
31	10	98 217	53 159,629	1 614 034,363	30,362	29,900	81	60	46 233	9 296,824	63 725,078	6,854	6,393
32	11	98 140	52 076,388	1 560 874,734	29,973	29,511	82	61	42 633	8 404,969	54 428,254	6,476	6,014
33	12	98 060	51 013,672	1 508 798,346	29,576	29,115	83	62	38 983	7 534,698	46 023,284	6,108	5,647
34	13	97 977	49 971,204	1 457 784,674	29,172	28,711	84	63	35 332	6 695,116	38 488,587	5,749	5,287
35	14	97 891	48 948,133	1 407 813,470	28,761	28,300	85	64	31 648	5 879,443	31 793,470	5,408	4,946
36	15	97 798	47 942,859	1 358 865,337	28,343	27,882	86	65	28 003	5 100,211	25 914,027	5,081	4,619
37	16	97 700	46 955,493	1 310 922,478	27,918	27,457	87	66	24 425	4 361,290	20 813,816	4,772	4,311
38	17	97 592	45 984,039	1 263 966,985	27,487	27,025	88	67	20 941	3 665,859	16 452,526	4,488	4,026
39	18	97 469	45 025,611	1 217 982,946	27,051	26,589	89	68	17 672	3 033,006	12 786,667	4,216	3,754
40	19	97 335	44 082,009	1 172 957,335	26,609	26,147	90	69	14 573	2 452,114	9 753,661	3,978	3,516
41	20	97 190	43 153,299	1 128 875,326	26,160	25,698	91	70	11 881	1 959,892	7 301,547	3,725	3,264
42	21	97 035	42 239,837	1 085 722,027	25,704	25,242	92	71	9 396	1 519,673	5 341,655	3,515	3,053
43	22	96 867	41 339,616	1 043 482,190	25,242	24,780	93	72	7 269	1 152,505	3 821,981	3,316	2,855
44	23	96 672	40 447,688	1 002 142,574	24,776	24,315	94	73	5 483	852,242	2 669,476	3,132	2,671
45	24	96 458	39 566,660	961 694,887	24,306	23,844	95	74	4 026	613,546	1 817,235	2,962	2,500
46	25	96 225	38 697,098	922 128,227	23,829	23,368	96	75	2 873	429,203	1 203,689	2,804	2,343
47	26	95 966	37 836,166	883 431,129	23,349	22,887	97	76	1 988	291,208	774,486	2,660	2,198
48	27	95 666	36 978,447	845 594,963	22,867	22,406	98	77	1 332	191,338	483,278	2,526	2,064
49	28	95 333	36 127,397	808 616,516	22,382	21,921	99	78	863	121,557	291,940	2,402	1,940
							100	79	540	74,484	170,383	2,288	1,826

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	28	94 992	35 292,080	773 768,122	21,925	21,463
1							51	29	94 588	34 452,937	738 476,041	21,434	20,973
2							52	30	94 113	33 607,942	704 023,104	20,948	20,487
3							53	31	93 616	32 774,741	670 415,162	20,455	19,994
4							54	32	93 071	31 945,087	637 640,421	19,961	19,499
5							55	33	92 462	31 113,726	605 695,334	19,467	19,006
6							56	34	91 802	30 286,184	574 581,608	18,972	18,510
7							57	35	91 095	29 463,383	544 295,424	18,474	18,012
8							58	36	90 326	28 641,883	514 832,041	17,975	17,513
9							59	37	89 489	27 820,106	486 190,158	17,476	17,015
10							60	38	88 588	26 999,914	458 370,052	16,977	16,515
11							61	39	87 618	26 180,843	431 370,138	16,477	16,015
12							62	40	86 583	25 364,121	405 189,296	15,975	15,513
13							63	41	85 484	24 551,317	379 825,175	15,471	15,009
14							64	42	84 336	23 746,545	355 273,858	14,961	14,499
15							65	43	83 073	22 932,329	331 527,313	14,457	13,995
16							66	44	81 738	22 121,437	308 594,984	13,950	13,488
17							67	45	80 296	21 304,989	286 473,547	13,446	12,985
18							68	46	78 760	20 487,742	265 168,558	12,943	12,481
19							69	47	77 143	19 673,644	244 680,816	12,437	11,975
20							70	48	75 404	18 853,069	225 007,173	11,935	11,473
21							71	49	73 557	18 030,625	206 154,104	11,434	10,972
22	0	99 154	64 136,790	2 146 543,025	33,468	33,007	72	50	71 576	17 200,961	188 123,479	10,937	10,475
23	1	98 789	62 647,660	2 082 406,235	33,240	32,778	73	51	69 482	16 370,394	170 922,518	10,441	9,979
24	2	98 711	61 370,961	2 019 758,575	32,911	32,449	74	52	67 243	15 532,239	154 552,124	9,950	9,489
25	3	98 641	60 124,985	1 958 387,614	32,572	32,110	75	53	64 787	14 671,571	139 019,885	9,475	9,014
26	4	98 576	58 907,097	1 898 262,628	32,225	31,763	76	54	62 174	13 803,769	124 348,314	9,008	8,547
27	5	98 507	57 711,621	1 839 355,531	31,871	31,410	77	55	59 397	12 928,500	110 544,545	8,550	8,089
28	6	98 435	56 538,493	1 781 643,910	31,512	31,050	78	56	56 419	12 039,687	97 616,045	8,108	7,646
29	7	98 367	55 391,762	1 725 105,417	31,144	30,682	79	57	53 238	11 137,973	85 576,358	7,683	7,222
30	8	98 294	54 265,280	1 669 713,655	30,769	30,308	80	58	49 904	10 235,847	74 438,385	7,272	6,811
31	9	98 224	53 163,296	1 615 448,375	30,387	29,925	81	59	46 452	9 340,932	64 202,539	6,873	6,412
32	10	98 147	52 080,084	1 562 285,079	29,998	29,536	82	60	42 864	8 450,512	54 861,606	6,492	6,030
33	11	98 068	51 017,752	1 510 204,995	29,602	29,140	83	61	39 209	7 578,248	46 411,094	6,124	5,663
34	12	97 985	49 975,227	1 459 187,243	29,198	28,737	84	62	35 557	6 737,615	38 832,847	5,764	5,302
35	13	97 900	48 952,518	1 409 212,015	28,787	28,326	85	63	31 863	5 919,327	32 095,232	5,422	4,960
36	14	97 809	47 948,056	1 360 259,498	28,369	27,908	86	64	28 210	5 137,972	26 175,905	5,095	4,633
37	15	97 712	46 961,400	1 312 311,442	27,944	27,483	87	65	24 617	4 395,620	21 037,933	4,786	4,325
38	16	97 607	45 991,116	1 265 350,042	27,513	27,051	88	66	21 121	3 697,489	16 642,314	4,501	4,039
39	17	97 485	45 032,837	1 219 358,926	27,077	26,615	89	67	17 835	3 060,959	12 944,825	4,229	3,767
40	18	97 357	44 092,080	1 174 326,089	26,633	26,172	90	68	14 716	2 476,159	9 883,865	3,992	3,530
41	19	97 210	43 162,214	1 130 234,008	26,186	25,724	91	69	12 008	1 980,933	7 407,706	3,740	3,278
42	20	97 057	42 249,216	1 087 071,794	25,730	25,268	92	70	9 507	1 537,516	5 426,774	3,530	3,068
43	21	96 887	41 348,270	1 044 822,579	25,269	24,807	93	71	7 364	1 167,540	3 889,258	3,331	2,870
44	22	96 694	40 456,763	1 003 474,309	24,804	24,342	94	72	5 563	864,761	2 721,718	3,147	2,686
45	23	96 480	39 575,706	963 017,546	24,334	23,872	95	73	4 092	623,688	1 856,957	2,977	2,516
46	24	96 244	38 704,922	923 441,840	23,859	23,397	96	74	2 927	437,341	1 233,269	2,820	2,358
47	25	95 987	37 844,491	884 736,918	23,378	22,917	97	75	2 032	297,594	795,928	2,675	2,213
48	26	95 688	36 987,200	846 892,427	22,897	22,435	98	76	1 366	196,142	498,335	2,541	2,079
49	27	95 359	36 137,105	809 905,227	22,412	21,950	99	77	888	125,024	302,193	2,417	1,955
							100	78	557	76,951	177,169	2,302	1,841

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	27	95 017	35 301,564	774 940,522	21,952	21,490
1							51	28	94 612	34 461,652	739 638,958	21,463	21,001
2							52	29	94 140	33 617,588	705 177,306	20,976	20,515
3							53	30	93 642	32 784,020	671 559,719	20,484	20,023
4							54	31	93 099	31 954,738	638 775,699	19,990	19,528
5							55	32	92 494	31 124,759	606 820,961	19,496	19,035
6							56	33	91 836	30 297,262	575 696,202	19,002	18,540
7							57	34	91 133	29 475,904	545 398,940	18,503	18,042
8							58	35	90 362	28 653,280	515 923,036	18,006	17,544
9							59	36	89 531	27 833,333	487 269,756	17,507	17,045
10							60	37	88 635	27 014,331	459 436,424	17,007	16,546
11							61	38	87 667	26 195,426	432 422,093	16,508	16,046
12							62	39	86 640	25 380,912	406 226,667	16,005	15,544
13							63	40	85 545	24 568,669	380 845,755	15,501	15,040
14							64	41	84 403	23 765,593	356 277,087	14,991	14,530
15							65	42	83 147	22 952,759	332 511,494	14,487	14,025
16							66	43	81 822	22 144,111	309 558,735	13,979	13,518
17							67	44	80 386	21 328,945	287 414,624	13,475	13,014
18							68	45	78 860	20 513,778	266 085,679	12,971	12,509
19							69	46	77 252	19 701,405	245 571,901	12,465	12,003
20							70	47	75 527	18 883,946	225 870,496	11,961	11,499
21							71	48	73 687	18 062,567	206 986,549	11,459	10,998
22							72	49	71 723	17 236,428	188 923,982	10,961	10,499
23	0	99 101	62 845,793	2 083 957,146	33,160	32,698	73	50	69 635	16 406,538	171 687,555	10,465	10,003
24	1	98 737	61 387,165	2 021 111,353	32,924	32,462	74	51	67 408	15 570,336	155 281,017	9,973	9,511
25	2	98 656	60 133,942	1 959 724,187	32,589	32,128	75	52	64 966	14 711,961	139 710,681	9,496	9,035
26	3	98 587	58 913,680	1 899 590,246	32,244	31,782	76	53	62 362	13 845,396	124 998,719	9,028	8,567
27	4	98 519	57 718,500	1 840 676,566	31,891	31,429	77	54	59 587	12 969,890	111 153,324	8,570	8,108
28	5	98 445	56 544,208	1 782 958,066	31,532	31,070	78	55	56 620	12 082,497	98 183,434	8,126	7,664
29	6	98 376	55 396,586	1 726 413,858	31,165	30,703	79	56	53 439	11 180,146	86 100,937	7,701	7,240
30	7	98 302	54 269,938	1 671 017,272	30,791	30,329	80	57	50 104	10 276,919	74 920,790	7,290	6,829
31	8	98 231	53 167,212	1 616 747,334	30,409	29,947	81	58	46 658	9 382,330	64 643,871	6,890	6,428
32	9	98 154	52 083,677	1 563 580,122	30,021	29,559	82	59	43 068	8 490,605	55 261,541	6,509	6,047
33	10	98 075	51 021,373	1 511 496,445	29,625	29,163	83	60	39 421	7 619,311	46 770,936	6,138	5,677
34	11	97 993	49 979,224	1 460 475,072	29,222	28,760	84	61	35 762	6 776,558	39 151,626	5,778	5,316
35	12	97 908	48 956,459	1 410 495,848	28,811	28,350	85	62	32 065	5 956,901	32 375,068	5,435	4,973
36	13	97 817	47 952,351	1 361 539,389	28,394	27,932	86	63	28 402	5 172,826	26 418,167	5,107	4,645
37	14	97 722	46 966,491	1 313 587,038	27,969	27,507	87	64	24 799	4 428,164	21 245,342	4,798	4,336
38	15	97 619	45 996,902	1 266 620,547	27,537	27,075	88	65	21 288	3 726,593	16 817,178	4,513	4,051
39	16	97 500	45 039,768	1 220 623,645	27,101	26,639	89	66	17 989	3 087,370	13 090,585	4,240	3,778
40	17	97 373	44 099,157	1 175 583,877	26,658	26,196	90	67	14 852	2 498,981	10 003,215	4,003	3,541
41	18	97 232	43 172,075	1 131 484,721	26,209	25,747	91	68	12 126	2 000,357	7 504,235	3,751	3,290
42	19	97 077	42 257,943	1 088 312,646	25,754	25,292	92	69	9 609	1 554,022	5 503,877	3,542	3,080
43	20	96 908	41 357,451	1 046 054,702	25,293	24,831	93	70	7 450	1 181,248	3 949,855	3,344	2,882
44	21	96 714	40 465,232	1 004 697,252	24,829	24,367	94	71	5 636	876,042	2 768,608	3,160	2,699
45	22	96 501	39 584,586	964 232,019	24,359	23,897	95	72	4 153	632,850	1 892,565	2,991	2,529
46	23	96 266	38 713,771	924 647,433	23,884	23,423	96	73	2 975	444,570	1 259,715	2,834	2,372
47	24	96 006	37 852,142	885 933,662	23,405	22,944	97	74	2 070	303,236	815,145	2,688	2,227
48	25	95 710	36 995,339	848 081,520	22,924	22,462	98	75	1 396	200,443	511,909	2,554	2,092
49	26	95 382	36 145,659	811 086,181	22,439	21,978	99	76	910	128,163	311,466	2,430	1,969
							100	77	573	79,145	183,304	2,316	1,854

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß 2,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
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22						
23						
24	0	99 050	61 581,312	2 022 547,753	32,844	32,382
25	1	98 682	60 149,819	1 960 966,441	32,601	32,140
26	2	98 602	58 922,456	1 900 816,622	32,260	31,798
27	3	98 530	57 724,950	1 841 894,166	31,908	31,447
28	4	98 457	56 550,948	1 784 169,216	31,550	31,088
29	5	98 386	55 402,186	1 727 618,268	31,183	30,722
30	6	98 311	54 274,665	1 672 216,082	30,810	30,349
31	7	98 240	53 171,775	1 617 941,418	30,429	29,967
32	8	98 161	52 087,513	1 564 769,642	30,041	29,580
33	9	98 082	51 024,893	1 512 682,129	29,646	29,184
34	10	98 000	49 982,771	1 461 657,236	29,243	28,782
35	11	97 915	48 960,374	1 411 674,465	28,833	28,371
36	12	97 825	47 956,211	1 362 714,091	28,416	27,954
37	13	97 731	46 970,698	1 314 757,879	27,991	27,529
38	14	97 630	46 001,888	1 267 787,181	27,559	27,098
39	15	97 512	45 045,434	1 221 785,293	27,123	26,662
40	16	97 388	44 105,944	1 176 739,859	26,680	26,218
41	17	97 248	43 179,004	1 132 633,916	26,231	25,770
42	18	97 099	42 267,598	1 089 454,912	25,775	25,314
43	19	96 928	41 365,994	1 047 187,314	25,315	24,854
44	20	96 736	40 474,217	1 005 821,320	24,851	24,389
45	21	96 522	39 592,872	965 347,102	24,382	23,920
46	22	96 288	38 722,458	925 754,230	23,907	23,446
47	23	96 028	37 860,796	887 031,772	23,429	22,967
48	24	95 729	37 002,818	849 170,976	22,949	22,487
49	25	95 403	36 153,612	812 168,158	22,464	22,003
50	26	95 040	35 309,921	776 014,545	21,977	21,516
51	27	94 637	34 470,912	740 704,624	21,488	21,026
52	28	94 164	33 626,091	706 233,712	21,003	20,541
53	29	93 669	32 793,429	672 607,621	20,510	20,049
54	30	93 125	31 963,785	639 814,193	20,017	19,555
55	31	92 522	31 134,162	607 850,408	19,524	19,062
56	32	91 869	30 308,005	576 716,246	19,029	18,567
57	33	91 167	29 486,685	546 408,240	18,531	18,069
58	34	90 400	28 665,456	516 921,555	18,033	17,571
59	35	89 567	27 844,408	488 256,099	17,535	17,074
60	36	88 677	27 027,175	460 411,691	17,035	16,574
61	37	87 714	26 209,413	433 384,516	16,535	16,074
62	38	86 688	25 395,049	407 175,103	16,034	15,572
63	39	85 601	24 584,933	381 780,053	15,529	15,067
64	40	84 463	23 782,388	357 195,121	15,019	14,558
65	41	83 214	22 971,170	333 412,732	14,514	14,053
66	42	81 895	22 163,839	310 441,562	14,007	13,545
67	43	80 468	21 350,807	288 277,723	13,502	13,040
68	44	78 949	20 536,844	266 926,916	12,997	12,536
69	45	77 350	19 726,442	246 390,072	12,490	12,029
70	46	75 634	18 910,594	226 663,630	11,986	11,524
71	47	73 808	18 092,150	207 753,036	11,483	11,021
72	48	71 850	17 266,963	189 660,886	10,984	10,522
73	49	69 779	16 440,366	172 393,923	10,486	10,024
74	50	67 557	15 604,713	155 953,557	9,994	9,532
75	51	65 125	14 748,046	140 348,843	9,516	9,055
76	52	62 533	13 883,511	125 600,797	9,047	8,585
77	53	59 766	13 009,002	111 717,286	8,588	8,126
78	54	56 801	12 121,179	98 708,284	8,143	7,682
79	55	53 629	11 219,900	86 587,106	7,717	7,256
80	56	50 294	10 315,833	75 367,205	7,306	6,844
81	57	46 845	9 419,977	65 051,373	6,906	6,444
82	58	43 259	8 528,234	55 631,395	6,523	6,062
83	59	39 608	7 655,460	47 103,161	6,153	5,691
84	60	35 956	6 813,277	39 447,701	5,790	5,328
85	61	32 251	5 991,331	32 634,424	5,447	4,985
86	62	28 582	5 205,661	26 643,093	5,118	4,656
87	63	24 967	4 458,203	21 437,432	4,809	4,347
88	64	21 445	3 754,184	16 979,229	4,523	4,061
89	65	18 130	3 111,671	13 225,045	4,250	3,789
90	66	14 980	2 520,542	10 113,374	4,012	3,551
91	67	12 238	2 018,794	7 592,832	3,761	3,299
92	68	9 703	1 569,260	5 574,038	3,552	3,090
93	69	7 530	1 193,929	4 004,778	3,354	2,893
94	70	5 702	886,328	2 810,849	3,171	2,710
95	71	4 207	641,105	1 924,521	3,002	2,540
96	72	3 019	451,101	1 283,415	2,845	2,383
97	73	2 104	308,249	832,314	2,700	2,239
98	74	1 422	204,243	524,066	2,566	2,104
99	75	930	130,973	319,822	2,442	1,980
100	76	588	81,133	188,849	2,328	1,866

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	25	95 061	35 317,690	776 998,163	22,000	21,539
1							51	26	94 660	34 479,072	741 680,473	21,511	21,049
2							52	27	94 189	33 635,127	707 201,400	21,026	20,564
3							53	28	93 693	32 801,723	673 566,274	20,534	20,073
4							54	29	93 152	31 972,959	640 764,550	20,041	19,579
5							55	30	92 549	31 142,977	608 791,592	19,548	19,087
6							56	31	91 896	30 317,162	577 648,615	19,054	18,592
7							57	32	91 199	29 497,141	547 331,453	18,555	18,094
8							58	33	90 433	28 675,941	517 834,312	18,058	17,597
9							59	34	89 605	27 856,240	489 158,371	17,560	17,098
10							60	35	88 712	27 037,929	461 302,130	17,061	16,600
11							61	36	87 755	26 221,874	434 264,201	16,561	16,100
12							62	37	86 734	25 408,610	408 042,327	16,059	15,598
13							63	38	85 649	24 598,627	382 633,717	15,555	15,093
14							64	39	84 519	23 798,132	358 035,090	15,045	14,583
15							65	40	83 272	22 987,405	334 236,958	14,540	14,078
16							66	41	81 960	22 181,617	311 249,553	14,032	13,570
17							67	42	80 540	21 369,828	289 067,936	13,527	13,065
18							68	43	79 030	20 557,894	267 698,108	13,022	12,560
19							69	44	77 437	19 748,623	247 140,214	12,514	12,053
20							70	45	75 730	18 934,626	227 391,591	12,009	11,548
21							71	46	73 912	18 117,680	208 456,965	11,506	11,044
22							72	47	71 968	17 295,243	190 339,285	11,005	10,544
23							73	48	69 903	16 469,491	173 044,042	10,507	10,045
24							74	49	67 696	15 636,889	156 574,551	10,013	9,552
25	0	98 994	60 340,052	1 962 297,213	32,521	32,059	75	50	65 269	14 780,608	140 937,662	9,535	9,074
26	1	98 628	58 938,013	1 901 957,160	32,270	31,809	76	51	62 687	13 917,564	126 157,054	9,065	8,603
27	2	98 545	57 733,549	1 843 019,147	31,923	31,461	77	52	59 931	13 044,815	112 239,490	8,604	8,143
28	3	98 468	56 557,267	1 785 285,598	31,566	31,104	78	53	56 973	12 157,731	99 194,675	8,159	7,697
29	4	98 397	55 408,790	1 728 728,331	31,200	30,738	79	54	53 801	11 255,820	87 036,944	7,733	7,271
30	5	98 321	54 280,151	1 673 319,541	30,827	30,366	80	55	50 473	10 352,513	75 781,124	7,320	6,858
31	6	98 248	53 176,406	1 619 039,391	30,447	29,985	81	56	47 022	9 455,646	65 428,610	6,920	6,458
32	7	98 169	52 091,984	1 565 862,984	30,060	29,598	82	57	43 432	8 562,455	55 972,964	6,537	6,075
33	8	98 089	51 028,651	1 513 771,000	29,665	29,204	83	58	39 784	7 689,388	47 410,510	6,166	5,704
34	9	98 007	49 986,220	1 462 742,349	29,263	28,801	84	59	36 127	6 845,602	39 721,122	5,802	5,341
35	10	97 922	48 963,849	1 412 756,129	28,853	28,391	85	60	32 425	6 023,796	32 875,520	5,458	4,996
36	11	97 833	47 960,047	1 363 792,280	28,436	27,974	86	61	28 747	5 235,749	26 851,724	5,129	4,667
37	12	97 739	46 974,480	1 315 832,234	28,012	27,550	87	62	25 126	4 486,502	21 615,975	4,818	4,356
38	13	97 638	46 006,009	1 268 857,754	27,580	27,119	88	63	21 591	3 779,651	17 129,473	4,532	4,070
39	14	97 522	45 050,317	1 222 851,745	27,144	26,683	89	64	18 265	3 134,710	13 349,822	4,259	3,797
40	15	97 400	44 111,492	1 177 801,428	26,701	26,239	90	65	15 098	2 540,382	10 215,112	4,021	3,559
41	16	97 263	43 185,649	1 133 689,936	26,252	25,790	91	66	12 344	2 036,212	7 674,730	3,769	3,308
42	17	97 115	42 274,382	1 090 504,287	25,796	25,334	92	67	9 793	1 583,724	5 638,519	3,560	3,099
43	18	96 951	41 375,445	1 048 229,905	25,335	24,873	93	68	7 604	1 205,636	4 054,795	3,363	2,902
44	19	96 756	40 482,579	1 006 854,460	24,871	24,410	94	69	5 763	895,843	2 849,159	3,180	2,719
45	20	96 543	39 601,664	966 371,882	24,402	23,941	95	70	4 256	648,633	1 953,315	3,011	2,550
46	21	96 308	38 730,564	926 770,218	23,929	23,467	96	71	3 059	456,986	1 304,683	2,855	2,393
47	22	96 050	37 869,291	888 039,654	23,450	22,989	97	72	2 135	312,777	847,697	2,710	2,249
48	23	95 751	37 011,278	850 170,363	22,971	22,509	98	73	1 446	207,619	534,920	2,576	2,115
49	24	95 422	36 160,922	813 159,084	22,487	22,026	99	74	948	133,456	327,300	2,452	1,991
							100	75	601	82,912	193,844	2,338	1,876

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	0	100 000	100 000,000	3 592 614,858	35,926	35,464	50	50	93 336	30 681,822	594 065,070	19,362	18,900
1	1	99 299	97 114,102	3 492 614,858	35,964	35,502	51	51	92 757	29 820,782	563 383,247	18,892	18,430
2	2	99 240	94 920,976	3 395 500,757	35,772	35,310	52	52	92 093	28 955,579	533 562,465	18,427	17,965
3	3	99 207	92 800,905	3 300 579,780	35,566	35,104	53	53	91 380	28 099,296	504 606,886	17,958	17,496
4	4	99 182	90 736,071	3 207 778,875	35,353	34,891	54	54	90 602	27 247,120	476 507,590	17,488	17,026
5	5	99 157	88 717,075	3 117 042,804	35,135	34,673	55	55	89 754	26 398,013	449 260,470	17,019	16,557
6	6	99 136	86 746,723	3 028 325,729	34,910	34,448	56	56	88 831	25 551,591	422 862,457	16,549	16,087
7	7	99 117	84 821,520	2 941 579,005	34,680	34,218	57	57	87 851	24 713,600	397 310,866	16,077	15,615
8	8	99 101	82 941,077	2 856 757,486	34,443	33,981	58	58	86 796	23 879,512	372 597,266	15,603	15,141
9	9	99 085	81 103,238	2 773 816,408	34,201	33,739	59	59	85 653	23 046,525	348 717,754	15,131	14,669
10	10	99 070	79 306,870	2 692 713,170	33,953	33,491	60	60	84 435	22 218,879	325 671,229	14,657	14,195
11	11	99 055	77 549,295	2 613 406,301	33,700	33,238	61	61	83 107	21 388,247	303 452,350	14,188	13,726
12	12	99 038	75 830,258	2 535 857,005	33,441	32,979	62	62	81 707	20 565,188	282 064,103	13,716	13,254
13	13	99 019	74 147,400	2 460 026,747	33,178	32,716	63	63	80 218	19 746,189	261 498,915	13,243	12,781
14	14	98 999	72 501,258	2 385 879,347	32,908	32,446	64	64	78 670	18 939,036	241 752,725	12,765	12,303
15	15	98 974	70 887,549	2 313 378,090	32,634	32,172	65	65	76 991	18 126,986	222 813,689	12,292	11,830
16	16	98 944	69 306,615	2 242 490,541	32,356	31,894	66	66	75 240	17 324,769	204 686,703	11,815	11,353
17	17	98 903	67 753,501	2 173 183,926	32,075	31,613	67	67	73 362	16 520,732	187 361,934	11,341	10,879
18	18	98 853	66 229,514	2 105 430,426	31,790	31,328	68	68	71 392	15 723,389	170 841,201	10,865	10,403
19	19	98 783	64 726,167	2 039 200,912	31,505	31,043	69	69	69 345	14 936,479	155 117,812	10,385	9,923
20	20	98 714	63 257,872	1 974 474,745	31,213	30,751	70	70	67 172	14 149,970	140 181,333	9,907	9,445
21	21	98 639	61 818,887	1 911 216,873	30,916	30,454	71	71	64 881	13 366,585	126 031,363	9,429	8,967
22	22	98 566	60 413,250	1 849 397,986	30,612	30,150	72	72	62 449	12 582,443	112 664,778	8,954	8,492
23	23	98 491	59 039,220	1 788 984,736	30,302	29,840	73	73	59 876	11 798,655	100 082,335	8,483	8,021
24	24	98 417	57 696,691	1 729 945,515	29,983	29,521	74	74	57 144	11 012,553	88 283,679	8,017	7,555
25	25	98 342	56 384,100	1 672 248,824	29,658	29,196	75	75	54 182	10 211,842	77 271,126	7,567	7,105
26	26	98 266	55 100,963	1 615 864,716	29,326	28,864	76	76	51 034	9 406,958	67 059,283	7,129	6,667
27	27	98 186	53 844,415	1 560 763,753	28,987	28,525	77	77	47 712	8 601,122	57 652,325	6,703	6,241
28	28	98 098	52 612,105	1 506 919,337	28,642	28,180	78	78	44 221	7 796,331	49 051,203	6,292	5,830
29	29	98 014	51 410,459	1 454 307,232	28,288	27,826	79	79	40 542	6 990,434	41 254,872	5,902	5,440
30	30	97 921	50 231,697	1 402 896,773	27,929	27,467	80	80	36 771	6 200,647	34 264,438	5,526	5,064
31	31	97 831	49 081,023	1 352 665,076	27,560	27,098	81	81	32 943	5 432,910	28 063,792	5,166	4,704
32	32	97 732	47 952,253	1 303 584,053	27,185	26,723	82	82	29 089	4 691,823	22 630,881	4,823	4,361
33	33	97 625	46 845,983	1 255 631,800	26,803	26,341	83	83	25 277	3 987,279	17 939,059	4,499	4,037
34	34	97 515	45 763,432	1 208 785,816	26,414	25,952	84	84	21 610	3 333,704	13 951,780	4,185	3,723
35	35	97 396	44 701,916	1 163 022,385	26,017	25,555	85	85	18 078	2 727,585	10 618,076	3,893	3,431
36	36	97 276	43 664,158	1 118 320,469	25,612	25,150	86	86	14 781	2 181,003	7 890,491	3,618	3,156
37	37	97 144	42 645,442	1 074 656,311	25,200	24,738	87	87	11 769	1 698,425	5 709,489	3,362	2,900
38	38	97 000	41 645,222	1 032 010,868	24,781	24,319	88	88	9 075	1 280,849	4 011,063	3,132	2,670
39	39	96 839	40 661,406	990 365,646	24,356	23,894	89	89	6 784	936,417	2 730,214	2,916	2,454
40	40	96 664	39 694,727	949 704,241	23,925	23,463	90	90	4 850	654,701	1 793,798	2,740	2,278
41	41	96 472	38 744,065	910 009,514	23,488	23,026	91	91	3 378	445,934	1 139,097	2,554	2,092
42	42	96 263	37 809,285	871 265,449	23,044	22,582	92	92	2 223	286,967	693,163	2,415	1,953
43	43	96 030	36 887,880	833 456,164	22,594	22,132	93	93	1 412	178,316	406,195	2,278	1,816
44	44	95 760	35 974,961	796 568,284	22,142	21,680	94	94	857	105,807	227,879	2,154	1,692
45	45	95 463	35 073,903	760 593,324	21,685	21,223	95	95	495	59,795	122,072	2,042	1,579
46	46	95 130	34 182,687	725 519,420	21,225	20,763	96	96	272	32,099	62,277	1,940	1,478
47	47	94 761	33 300,819	691 336,733	20,760	20,298	97	97	141	16,325	30,178	1,849	1,387
48	48	94 333	32 420,925	658 035,915	20,297	19,835	98	98	69	7,845	13,853	1,766	1,304
49	49	93 864	31 549,919	625 614,989	19,829	19,367	99	99	32	3,553	6,008	1,691	1,229
							100	100	14	1,512	2,455	1,623	1,161

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$
0	1	99 685	99 684,731	3 584 446,142	35,958	35,496	50	51	93 130	30 614,230	587 167,405	19,180	18,718
1	2	99 273	97 088,467	3 484 761,410	35,893	35,431	51	52	92 530	29 747,817	556 553,174	18,709	18,247
2	3	99 226	94 906,839	3 387 672,943	35,695	35,233	52	53	91 840	28 876,085	526 805,357	18,244	17,782
3	4	99 196	92 790,536	3 292 766,104	35,486	35,024	53	54	91 105	28 014,815	497 929,273	17,774	17,312
4	5	99 170	90 725,257	3 199 975,568	35,271	34,809	54	55	90 313	27 160,169	469 914,458	17,302	16,840
5	6	99 147	88 708,108	3 109 250,311	35,050	34,588	55	56	89 436	26 304,480	442 754,289	16,832	16,370
6	7	99 128	86 739,168	3 020 542,203	34,823	34,361	56	57	88 496	25 455,205	416 449,809	16,360	15,898
7	8	99 109	84 814,240	2 933 803,034	34,591	34,129	57	58	87 500	24 614,831	390 994,604	15,885	15,422
8	9	99 093	82 934,969	2 848 988,795	34,352	33,890	58	59	86 413	23 774,148	366 379,773	15,411	14,949
9	10	99 078	81 097,643	2 766 053,825	34,108	33,646	59	60	85 248	22 937,699	342 605,625	14,936	14,474
10	11	99 063	79 301,241	2 684 956,182	33,858	33,396	60	61	83 980	22 099,134	319 667,926	14,465	14,003
11	12	99 047	77 543,094	2 605 654,941	33,603	33,141	61	62	82 629	21 265,335	297 568,792	13,993	13,531
12	13	99 030	75 824,154	2 528 111,847	33,342	32,880	62	63	81 191	20 435,470	276 303,457	13,521	13,059
13	14	99 010	74 140,758	2 452 287,693	33,076	32,614	63	64	79 678	19 613,142	255 867,987	13,046	12,584
14	15	98 989	72 493,399	2 378 146,935	32,805	32,343	64	65	78 092	18 799,846	236 254,845	12,567	12,105
15	16	98 961	70 878,632	2 305 653,536	32,530	32,068	65	66	76 390	17 985,417	217 455,000	12,091	11,629
16	17	98 928	69 295,950	2 234 774,904	32,250	31,788	66	67	74 596	17 176,568	199 469,583	11,613	11,151
17	18	98 887	67 742,628	2 165 478,954	31,966	31,504	67	68	72 692	16 369,860	182 293,014	11,136	10,674
18	19	98 831	66 214,386	2 097 736,326	31,681	31,219	68	69	70 699	15 570,705	165 923,154	10,656	10,194
19	20	98 763	64 712,799	2 031 521,939	31,393	30,931	69	70	68 609	14 777,831	150 352,449	10,174	9,712
20	21	98 693	63 243,830	1 966 809,141	31,099	30,637	70	71	66 392	13 985,764	135 574,618	9,694	9,232
21	22	98 619	61 805,949	1 903 565,311	30,799	30,337	71	72	64 045	13 194,461	121 588,854	9,215	8,753
22	23	98 543	60 399,698	1 841 759,363	30,493	30,031	72	73	61 545	12 400,278	108 394,394	8,741	8,279
23	24	98 469	59 025,725	1 781 359,665	30,179	29,717	73	74	58 903	11 606,795	95 994,115	8,271	7,808
24	25	98 397	57 685,029	1 722 333,940	29,858	29,396	74	75	56 081	10 807,321	84 387,320	7,808	7,346
25	26	98 321	56 371,705	1 664 648,911	29,530	29,068	75	76	53 019	9 992,717	73 579,683	7,363	6,901
26	27	98 243	55 087,923	1 608 277,206	29,195	28,733	76	77	49 784	9 176,555	63 586,966	6,929	6,467
27	28	98 160	53 829,950	1 553 189,284	28,854	28,392	77	78	46 390	8 362,667	54 410,411	6,506	6,044
28	29	98 073	52 598,801	1 499 359,334	28,506	28,044	78	79	42 803	7 546,316	46 047,743	6,102	5,640
29	30	97 986	51 395,708	1 446 760,532	28,149	27,687	79	80	39 070	6 736,640	38 501,427	5,715	5,253
30	31	97 894	50 217,480	1 395 364,824	27,786	27,324	80	81	35 235	5 941,673	31 764,787	5,346	4,884
31	32	97 801	49 066,200	1 345 147,344	27,415	26,953	81	82	31 375	5 174,356	25 823,114	4,991	4,529
32	33	97 697	47 935,255	1 296 081,145	27,038	26,576	82	83	27 485	4 433,095	20 648,758	4,658	4,196
33	34	97 589	46 828,855	1 248 145,889	26,653	26,191	83	84	23 692	3 737,230	16 215,663	4,339	3,877
34	35	97 474	45 743,993	1 201 317,035	26,262	25,800	84	85	20 047	3 092,625	12 478,433	4,035	3,573
35	36	97 358	44 684,136	1 155 573,042	25,861	25,399	85	86	16 582	2 501,865	9 385,808	3,752	3,290
36	37	97 230	43 643,408	1 110 888,906	25,454	24,992	86	87	13 388	1 975,503	6 883,944	3,485	3,023
37	38	97 092	42 622,683	1 067 245,498	25,039	24,577	87	88	10 495	1 514,500	4 908,441	3,241	2,779
38	39	96 946	41 622,037	1 024 622,815	24,617	24,155	88	89	7 966	1 124,218	3 393,941	3,019	2,557
39	40	96 775	40 634,506	983 000,778	24,191	23,729	89	90	5 824	803,898	2 269,723	2,823	2,361
40	41	96 596	39 666,693	942 366,272	23,757	23,295	90	91	4 099	553,356	1 465,825	2,649	2,187
41	42	96 395	38 713,012	902 699,578	23,318	22,856	91	92	2 778	366,698	912,469	2,488	2,026
42	43	96 177	37 775,631	863 986,566	22,872	22,410	92	93	1 802	232,666	545,771	2,346	1,884
43	44	95 932	36 850,109	826 210,935	22,421	21,959	93	94	1 119	141,360	313,106	2,215	1,753
44	45	95 653	35 934,555	789 360,826	21,967	21,505	94	95	663	81,907	171,746	2,097	1,635
45	46	95 341	35 029,386	753 426,271	21,508	21,046	95	96	374	45,142	89,839	1,990	1,528
46	47	94 996	34 134,520	718 396,885	21,046	20,584	96	97	200	23,602	44,697	1,894	1,432
47	48	94 606	33 246,368	684 262,365	20,582	20,120	97	98	101	11,676	21,095	1,807	1,345
48	49	94 166	32 363,591	651 015,997	20,116	19,654	98	99	48	5,451	9,419	1,728	1,266
49	50	93 671	31 485,001	618 652,406	19,649	19,187	99	100	22	2,395	3,968	1,657	1,195

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	2	99 658	99 658,418	3 575 999,925	35,883	35,421	50	52	92 902	30 539,324	579 769,189	18,984	18,522
1	3	99 258	97 074,007	3 476 341,507	35,811	35,349	51	53	92 276	29 666,148	549 229,866	18,514	18,052
2	4	99 215	94 896,235	3 379 267,500	35,610	35,148	52	54	91 564	28 789,268	519 563,718	18,047	17,585
3	5	99 184	92 779,477	3 284 371,266	35,400	34,938	53	55	90 815	27 925,413	490 774,450	17,574	17,112
4	6	99 160	90 716,087	3 191 591,788	35,182	34,720	54	56	89 993	27 063,936	462 849,037	17,102	16,640
5	7	99 138	88 700,383	3 100 875,701	34,959	34,497	55	57	89 099	26 205,255	435 785,101	16,630	16,168
6	8	99 119	86 731,724	3 012 175,318	34,730	34,268	56	58	88 142	25 353,471	409 579,847	16,155	15,693
7	9	99 101	84 807,994	2 925 443,594	34,495	34,033	57	59	87 113	24 506,223	384 226,375	15,679	15,217
8	10	99 086	82 929,248	2 840 635,601	34,254	33,792	58	60	86 005	23 661,886	359 720,153	15,203	14,740
9	11	99 071	81 091,888	2 757 706,353	34,007	33,545	59	61	84 789	22 814,080	336 058,267	14,730	14,268
10	12	99 055	79 294,900	2 676 614,465	33,755	33,293	60	62	83 497	21 972,137	313 244,187	14,256	13,794
11	13	99 039	77 536,851	2 597 319,565	33,498	33,036	61	63	82 108	21 131,201	291 272,050	13,784	13,322
12	14	99 021	75 817,362	2 519 782,714	33,235	32,773	62	64	80 644	20 297,779	270 140,850	13,309	12,847
13	15	99 000	74 132,722	2 443 965,352	32,967	32,505	63	65	79 092	19 468,997	249 843,071	12,833	12,371
14	16	98 976	72 484,280	2 369 832,630	32,694	32,232	64	66	77 482	18 653,021	230 374,074	12,350	11,888
15	17	98 946	70 867,725	2 297 348,349	32,417	31,955	65	67	75 736	17 831,565	211 721,053	11,873	11,411
16	18	98 913	69 284,830	2 226 480,624	32,135	31,673	66	68	73 915	17 019,707	193 889,488	11,392	10,930
17	19	98 864	67 727,155	2 157 195,794	31,851	31,389	67	69	71 986	16 210,898	176 869,781	10,911	10,449
18	20	98 810	66 200,710	2 089 468,639	31,563	31,101	68	70	69 948	15 405,321	160 658,882	10,429	9,967
19	21	98 741	64 698,433	2 023 267,928	31,272	30,810	69	71	67 813	14 606,339	145 253,562	9,945	9,483
20	22	98 672	63 230,593	1 958 569,496	30,975	30,513	70	72	65 537	13 805,666	130 647,223	9,463	9,001
21	23	98 597	61 792,084	1 895 338,902	30,673	30,211	71	73	63 118	13 003,435	116 841,557	8,985	8,523
22	24	98 521	60 385,892	1 833 546,818	30,364	29,902	72	74	60 544	12 198,635	103 838,122	8,512	8,050
23	25	98 449	59 013,794	1 773 160,927	30,047	29,585	73	75	57 807	11 390,821	91 639,487	8,045	7,583
24	26	98 376	57 672,339	1 714 147,133	29,722	29,260	74	76	54 878	10 575,724	80 248,666	7,588	7,126
25	27	98 297	56 358,363	1 656 474,794	29,392	28,930	75	77	51 721	9 747,968	69 672,938	7,147	6,685
26	28	98 217	55 073,123	1 600 116,430	29,054	28,592	76	78	48 404	8 922,147	59 924,971	6,716	6,254
27	29	98 135	53 816,338	1 545 043,307	28,710	28,248	77	79	44 902	8 094,491	51 002,824	6,301	5,839
28	30	98 045	52 583,710	1 491 226,969	28,359	27,897	78	80	41 249	7 272,340	42 908,333	5,900	5,438
29	31	97 958	51 381,161	1 438 643,259	27,999	27,537	79	81	37 438	6 455,280	35 635,992	5,520	5,058
30	32	97 864	50 202,313	1 387 262,098	27,633	27,171	80	82	33 558	5 658,907	29 180,712	5,157	4,695
31	33	97 767	49 048,807	1 337 059,785	27,260	26,798	81	83	29 645	4 889,020	23 521,806	4,811	4,349
32	34	97 661	47 917,728	1 288 010,978	26,880	26,418	82	84	25 762	4 155,089	18 632,786	4,484	4,022
33	35	97 548	46 808,963	1 240 093,249	26,493	26,031	83	85	21 979	3 466,970	14 477,697	4,176	3,714
34	36	97 435	45 725,798	1 193 284,287	26,097	25,635	84	86	18 388	2 836,696	11 010,727	3,882	3,420
35	37	97 311	44 662,901	1 147 558,489	25,694	25,232	85	87	15 020	2 266,132	8 174,032	3,607	3,145
36	38	97 178	43 620,116	1 102 895,588	25,284	24,822	86	88	11 938	1 761,572	5 907,899	3,354	2,892
37	39	97 038	42 598,955	1 059 275,471	24,866	24,404	87	89	9 211	1 329,296	4 146,327	3,119	2,657
38	40	96 882	41 594,502	1 016 676,517	24,443	23,981	88	90	6 838	965,122	2 817,031	2,919	2,457
39	41	96 707	40 605,809	975 082,015	24,013	23,551	89	91	4 923	679,458	1 851,909	2,726	2,264
40	42	96 518	39 634,900	934 476,206	23,577	23,115	90	92	3 371	455,032	1 172,451	2,577	2,115
41	43	96 309	38 678,554	894 841,305	23,135	22,673	91	93	2 252	297,309	717,419	2,413	1,951
42	44	96 078	37 736,951	856 162,751	22,688	22,226	92	94	1 429	184,445	420,110	2,278	1,816
43	45	95 824	36 808,721	818 425,800	22,235	21,773	93	95	867	109,429	235,665	2,154	1,692
44	46	95 532	35 888,946	781 617,079	21,779	21,317	94	96	501	61,836	126,236	2,041	1,579
45	47	95 207	34 980,026	745 728,133	21,319	20,857	95	97	275	33,193	64,400	1,940	1,478
46	48	94 841	34 078,706	710 748,107	20,856	20,394	96	98	143	16,881	31,208	1,849	1,387
47	49	94 439	33 187,574	676 669,401	20,389	19,927	97	99	70	8,113	14,327	1,766	1,304
48	50	93 973	32 296,998	643 481,827	19,924	19,462	98	100	33	3,674	6,214	1,691	1,229
49	51	93 465	31 415,639	611 184,829	19,455	18,993							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	3	99 644	99 643,575	3 566 963,733	35,797	35,335	50	53	92 647	30 455,482	571 855,979	18,777	18,315
1	4	99 247	97 063,160	3 467 320,158	35,722	35,260	51	54	91 999	29 576,956	541 400,497	18,305	17,843
2	5	99 203	94 884,925	3 370 256,998	35,519	35,057	52	55	91 271	28 697,395	511 823,541	17,835	17,373
3	6	99 174	92 770,100	3 275 372,073	35,306	34,844	53	56	90 493	27 826,469	483 126,146	17,362	16,900
4	7	99 152	90 708,187	3 182 601,973	35,086	34,624	54	57	89 654	26 961,845	455 299,677	16,887	16,425
5	8	99 130	88 692,770	3 091 893,787	34,861	34,399	55	58	88 742	26 100,524	428 337,833	16,411	15,949
6	9	99 112	86 725,336	3 003 201,017	34,629	34,167	56	59	87 753	25 241,604	402 237,309	15,935	15,473
7	10	99 095	84 802,143	2 916 475,680	34,392	33,930	57	60	86 702	24 390,504	376 995,705	15,457	14,995
8	11	99 079	82 923,362	2 831 673,537	34,148	33,686	58	61	85 541	23 534,364	352 605,201	14,983	14,521
9	12	99 063	81 085,403	2 748 750,175	33,899	33,437	59	62	84 302	22 682,974	329 070,838	14,507	14,045
10	13	99 047	79 288,517	2 667 664,772	33,645	33,183	60	63	82 970	21 833,544	306 387,864	14,033	13,571
11	14	99 030	77 529,906	2 588 376,255	33,386	32,924	61	64	81 555	20 988,822	284 554,320	13,557	13,095
12	15	99 011	75 809,144	2 510 846,349	33,121	32,659	62	65	80 052	20 148,602	263 565,498	13,081	12,619
13	16	98 987	74 123,397	2 435 037,205	32,851	32,389	63	66	78 474	19 316,947	243 416,896	12,601	12,139
14	17	98 961	72 473,127	2 360 913,808	32,576	32,114	64	67	76 819	18 493,458	224 099,949	12,118	11,656
15	18	98 930	70 856,353	2 288 440,681	32,297	31,835	65	68	75 045	17 668,722	205 606,491	11,637	11,175
16	19	98 890	69 269,005	2 217 584,328	32,014	31,552	66	69	73 197	16 854,435	187 937,769	11,151	10,689
17	20	98 844	67 713,167	2 148 315,323	31,727	31,265	67	70	71 222	16 038,714	171 083,334	10,667	10,205
18	21	98 788	66 186,014	2 080 602,156	31,436	30,974	68	71	69 136	15 226,546	155 044,620	10,183	9,721
19	22	98 720	64 684,892	2 014 416,142	31,142	30,680	69	72	66 939	14 418,250	139 818,074	9,697	9,235
20	23	98 650	63 216,409	1 949 731,250	30,842	30,380	70	73	64 589	13 605,792	125 399,824	9,217	8,755
21	24	98 574	61 777,959	1 886 514,841	30,537	30,075	71	74	62 092	12 791,983	111 794,032	8,739	8,277
22	25	98 501	60 373,685	1 824 736,882	30,224	29,762	72	75	59 417	11 971,648	99 002,049	8,270	7,808
23	26	98 427	59 000,812	1 764 363,196	29,904	29,442	73	76	56 566	11 146,398	87 030,401	7,808	7,346
24	27	98 352	57 658,690	1 705 362,384	29,577	29,115	74	77	53 534	10 316,698	75 884,003	7,355	6,893
25	28	98 271	56 343,223	1 647 703,694	29,244	28,782	75	78	50 287	9 477,718	65 567,305	6,918	6,456
26	29	98 192	55 059,197	1 591 360,471	28,903	28,441	76	79	46 852	8 636,029	56 089,587	6,495	6,033
27	30	98 107	53 800,897	1 536 301,274	28,555	28,093	77	80	43 272	7 800,613	47 453,558	6,083	5,621
28	31	98 017	52 568,827	1 482 500,377	28,201	27,739	78	81	39 526	6 968,607	39 652,944	5,690	5,228
29	32	97 928	51 365,643	1 429 931,551	27,838	27,376	79	82	35 657	6 148,071	32 684,338	5,316	4,854
30	33	97 829	50 184,518	1 378 565,908	27,470	27,008	80	83	31 708	5 346,850	26 536,267	4,963	4,501
31	34	97 731	49 030,873	1 328 381,390	27,093	26,631	81	84	27 786	4 582,422	21 189,417	4,624	4,162
32	35	97 620	47 897,374	1 279 350,517	26,710	26,248	82	85	23 899	3 854,611	16 606,995	4,308	3,846
33	36	97 509	46 790,344	1 231 453,143	26,319	25,857	83	86	20 160	3 180,062	12 752,384	4,010	3,548
34	37	97 388	45 704,068	1 184 662,798	25,920	25,458	84	87	16 655	2 569,415	9 572,322	3,725	3,263
35	38	97 259	44 639,065	1 138 958,730	25,515	25,053	85	88	13 393	2 020,729	7 002,908	3,466	3,004
36	39	97 124	43 595,832	1 094 319,665	25,101	24,639	86	89	10 478	1 546,155	4 982,179	3,222	2,760
37	40	96 974	42 570,773	1 050 723,832	24,682	24,220	87	90	7 908	1 141,178	3 436,024	3,011	2,549
38	41	96 813	41 565,127	1 008 153,059	24,255	23,793	88	91	5 780	815,725	2 294,846	2,813	2,351
39	42	96 629	40 573,264	966 587,932	23,823	23,361	89	92	4 048	558,727	1 479,120	2,647	2,185
40	43	96 433	39 599,622	926 014,668	23,384	22,922	90	93	2 733	368,928	920,393	2,495	2,033
41	44	96 210	38 638,950	886 415,046	22,941	22,479	91	94	1 785	235,691	551,465	2,340	1,878
42	45	95 971	37 694,567	847 776,097	22,491	22,029	92	95	1 106	142,782	315,774	2,212	1,750
43	46	95 702	36 762,002	810 081,530	22,036	21,574	93	96	654	82,613	172,992	2,094	1,632
44	47	95 397	35 838,375	773 319,528	21,578	21,116	94	97	368	45,467	90,379	1,988	1,526
45	48	95 051	34 922,830	737 481,154	21,117	20,655	95	98	197	23,740	44,911	1,892	1,430
46	49	94 673	34 018,440	702 558,324	20,652	20,190	96	99	99	11,729	21,171	1,805	1,343
47	50	94 245	33 119,286	668 539,884	20,186	19,724	97	100	47	5,469	9,442	1,727	1,265
48	51	93 766	32 225,848	635 420,598	19,718	19,256							
49	52	93 236	31 338,772	603 194,750	19,248	18,786							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	4	99 632	99 632,441	3 557 304,287	35,704	35,242	50	54	92 368	30 363,916	563 417,207	18,555	18,093
1	5	99 235	97 051,592	3 457 671,846	35,627	35,165	51	55	91 705	29 482,569	533 053,291	18,080	17,618
2	6	99 193	94 875,334	3 360 620,254	35,421	34,959	52	56	90 948	28 595,715	503 570,722	17,610	17,148
3	7	99 165	92 762,021	3 265 744,919	35,206	34,744	53	57	90 151	27 721,502	474 975,007	17,134	16,672
4	8	99 143	90 700,402	3 172 982,899	34,983	34,521	54	58	89 295	26 854,090	447 253,505	16,655	16,193
5	9	99 123	88 686,238	3 082 282,497	34,755	34,293	55	59	88 351	25 985,360	420 399,415	16,178	15,716
6	10	99 105	86 719,354	2 993 596,259	34,521	34,058	56	60	87 339	25 122,413	394 414,055	15,700	15,238
7	11	99 088	84 796,125	2 906 876,905	34,281	33,819	57	61	86 235	24 259,055	369 291,642	15,223	14,761
8	12	99 071	82 916,731	2 822 080,781	34,035	33,573	58	62	85 050	23 399,119	345 032,588	14,746	14,284
9	13	99 055	81 078,876	2 739 164,049	33,784	33,322	59	63	83 770	22 539,898	321 633,469	14,270	13,808
10	14	99 039	79 281,414	2 658 085,174	33,527	33,065	60	64	82 411	21 686,433	299 093,571	13,792	13,330
11	15	99 019	77 521,503	2 578 803,759	33,266	32,804	61	65	80 956	20 834,566	277 407,139	13,315	12,853
12	16	98 998	75 799,608	2 501 282,257	32,999	32,537	62	66	79 427	19 991,244	256 572,572	12,834	12,372
13	17	98 972	74 111,991	2 425 482,648	32,727	32,265	63	67	77 803	19 151,704	236 581,328	12,353	11,891
14	18	98 945	72 461,497	2 351 370,657	32,450	31,988	64	68	76 118	18 324,570	217 429,624	11,865	11,403
15	19	98 908	70 840,169	2 278 909,160	32,170	31,708	65	69	74 316	17 497,147	199 105,053	11,379	10,917
16	20	98 869	69 254,698	2 208 068,991	31,883	31,421	66	70	72 420	16 675,415	181 607,906	10,891	10,429
17	21	98 822	67 698,135	2 138 814,293	31,593	31,131	67	71	70 395	15 852,589	164 932,491	10,404	9,942
18	22	98 768	66 172,162	2 071 116,158	31,299	30,837	68	72	68 246	15 030,471	149 079,902	9,919	9,456
19	23	98 698	64 670,381	2 004 943,996	31,003	30,540	69	73	65 970	14 209,507	134 049,431	9,434	8,972
20	24	98 627	63 201,959	1 940 273,614	30,700	30,238	70	74	63 538	13 384,545	119 839,924	8,954	8,492
21	25	98 554	61 765,472	1 877 071,656	30,390	29,928	71	75	60 936	12 553,956	106 455,379	8,480	8,018
22	26	98 479	60 360,404	1 815 306,184	30,074	29,612	72	76	58 142	11 714,762	93 901,423	8,016	7,554
23	27	98 404	58 986,848	1 754 945,780	29,751	29,289	73	77	55 181	10 873,391	82 186,661	7,559	7,096
24	28	98 326	57 643,200	1 695 958,931	29,422	28,960	74	78	52 049	10 030,681	71 313,270	7,110	6,647
25	29	98 246	56 328,975	1 638 315,731	29,085	28,623	75	79	48 674	9 173,784	61 282,589	6,680	6,218
26	30	98 164	55 043,399	1 581 986,756	28,741	28,279	76	80	45 151	8 322,490	52 108,805	6,261	5,799
27	31	98 079	53 785,670	1 526 943,356	28,389	27,927	77	81	41 464	7 474,816	43 786,315	5,858	5,396
28	32	97 987	52 552,950	1 473 157,687	28,032	27,570	78	82	37 645	6 636,968	36 311,499	5,471	5,009
29	33	97 894	51 347,435	1 420 604,737	27,667	27,205	79	83	33 690	5 809,040	29 674,531	5,108	4,646
30	34	97 794	50 166,169	1 369 257,302	27,294	26,832	80	84	29 719	5 011,541	23 865,491	4,762	4,300
31	35	97 690	49 010,046	1 319 091,133	26,915	26,453	81	85	25 776	4 251,041	18 853,950	4,435	3,973
32	36	97 581	47 878,323	1 270 081,087	26,527	26,065	82	86	21 921	3 535,624	14 602,909	4,130	3,668
33	37	97 463	46 768,109	1 222 202,765	26,133	25,671	83	87	18 260	2 880,428	11 067,286	3,842	3,380
34	38	97 337	45 679,677	1 175 434,656	25,732	25,270	84	88	14 852	2 291,169	8 186,858	3,573	3,111
35	39	97 205	44 614,214	1 129 754,979	25,323	24,861	85	89	11 756	1 773,620	5 895,689	3,324	2,862
36	40	97 059	43 566,991	1 085 140,765	24,907	24,445	86	90	8 996	1 327,348	4 122,069	3,105	2,643
37	41	96 905	42 540,709	1 041 573,773	24,484	24,022	87	91	6 684	964,529	2 794,722	2,897	2,435
38	42	96 736	41 531,813	999 033,065	24,055	23,593	88	92	4 753	670,782	1 830,193	2,728	2,266
39	43	96 543	40 537,150	957 501,252	23,620	23,158	89	93	3 282	453,002	1 159,411	2,559	2,097
40	44	96 334	39 559,074	916 964,102	23,180	22,718	90	94	2 167	292,467	706,409	2,415	1,953
41	45	96 102	38 595,552	877 405,028	22,733	22,271	91	95	1 382	182,452	413,942	2,269	1,807
42	46	95 849	37 646,724	838 809,476	22,281	21,819	92	96	835	107,793	231,490	2,148	1,686
43	47	95 567	36 710,200	801 162,752	21,824	21,362	93	97	481	60,745	123,697	2,036	1,574
44	48	95 241	35 779,775	764 452,552	21,365	20,903	94	98	263	32,520	62,952	1,936	1,474
45	49	94 883	34 861,071	728 672,777	20,902	20,440	95	99	137	16,495	30,433	1,845	1,383
46	50	94 478	33 948,442	693 811,706	20,437	19,975	96	100	67	7,906	13,938	1,763	1,301
47	51	94 037	33 046,324	659 863,264	19,968	19,506							
48	52	93 536	32 146,998	626 816,940	19,498	19,036							
49	53	92 980	31 252,735	594 669,942	19,028	18,566							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	5	99 621	99 620,567	3 546 998,026	35,605	35,143	50	55	92 074	30 267,018	554 443,397	18,318	17,856
1	6	99 225	97 041,783	3 447 377,459	35,525	35,063	51	56	91 380	29 378,107	524 176,379	17,842	17,380
2	7	99 184	94 867,072	3 350 335,676	35,316	34,854	52	57	90 605	28 487,846	494 798,271	17,369	16,907
3	8	99 157	92 754,059	3 255 468,605	35,098	34,636	53	58	89 791	27 610,711	466 310,425	16,889	16,427
4	9	99 136	90 693,722	3 162 714,546	34,872	34,410	54	59	88 901	26 735,602	438 699,714	16,409	15,947
5	10	99 116	88 680,120	3 072 020,824	34,642	34,180	55	60	87 934	25 862,657	411 964,113	15,929	15,467
6	11	99 098	86 713,199	2 983 340,704	34,405	33,943	56	61	86 868	24 987,019	386 101,456	15,452	14,990
7	12	99 080	84 789,344	2 896 627,504	34,163	33,701	57	62	85 739	24 119,645	361 114,437	14,972	14,510
8	13	99 064	82 910,057	2 811 838,161	33,914	33,452	58	63	84 513	23 251,525	336 994,792	14,493	14,031
9	14	99 046	81 071,613	2 728 928,104	33,661	33,199	59	64	83 205	22 388,027	313 743,267	14,014	13,552
10	15	99 028	79 272,821	2 647 856,491	33,402	32,940	60	65	81 806	21 527,050	291 355,240	13,534	13,072
11	16	99 007	77 511,751	2 568 583,670	33,138	32,676	61	66	80 323	20 671,851	269 828,190	13,053	12,591
12	17	98 983	75 787,945	2 491 071,919	32,869	32,407	62	67	78 747	19 820,234	249 156,339	12,571	12,109
13	18	98 956	74 100,098	2 415 283,974	32,595	32,133	63	68	77 092	18 976,805	229 336,105	12,085	11,623
14	19	98 922	72 444,946	2 341 183,875	32,317	31,855	64	69	75 379	18 146,627	210 359,300	11,592	11,130
15	20	98 887	70 825,538	2 268 738,929	32,033	31,571	65	70	73 527	17 311,301	192 212,672	11,103	10,641
16	21	98 848	69 239,324	2 197 913,392	31,744	31,282	66	71	71 579	16 481,901	174 901,371	10,612	10,150
17	22	98 801	67 683,966	2 128 674,068	31,450	30,988	67	72	69 489	15 648,452	158 419,470	10,124	9,662
18	23	98 746	66 157,318	2 060 990,101	31,153	30,691	68	73	67 258	14 812,864	142 771,017	9,638	9,176
19	24	98 675	64 655,599	1 994 832,783	30,853	30,391	69	74	64 897	13 978,443	127 958,153	9,154	8,692
20	25	98 607	63 189,183	1 930 177,184	30,546	30,084	70	75	62 356	13 135,492	113 979,710	8,677	8,215
21	26	98 533	61 751,885	1 866 988,001	30,234	29,772	71	76	59 629	12 284,574	100 844,219	8,209	7,747
22	27	98 456	60 346,119	1 805 236,116	29,915	29,453	72	77	56 718	11 427,834	88 559,644	7,749	7,287
23	28	98 377	58 971,002	1 744 889,997	29,589	29,127	73	78	53 651	10 571,940	77 131,810	7,296	6,834
24	29	98 301	57 628,624	1 685 918,996	29,255	28,793	74	79	50 380	9 709,014	66 559,870	6,855	6,393
25	30	98 218	56 312,813	1 628 290,372	28,915	28,453	75	80	46 907	8 840,721	56 850,855	6,431	5,969
26	31	98 136	55 027,820	1 571 977,558	28,567	28,105	76	81	43 265	7 974,897	48 010,134	6,020	5,558
27	32	98 049	53 769,425	1 516 949,738	28,212	27,750	77	82	39 491	7 119,087	40 035,238	5,624	5,162
28	33	97 953	52 534,321	1 463 180,313	27,852	27,390	78	83	35 569	6 270,977	32 916,151	5,249	4,787
29	34	97 858	51 328,661	1 410 645,992	27,483	27,021	79	84	31 578	5 444,746	26 645,173	4,894	4,432
30	35	97 752	50 144,859	1 359 317,331	27,108	26,646	80	85	27 570	4 649,128	21 200,427	4,560	4,098
31	36	97 651	48 990,552	1 309 172,472	26,723	26,261	81	86	23 643	3 899,247	16 551,300	4,245	3,783
32	37	97 535	47 855,570	1 260 181,920	26,333	25,871	82	87	19 855	3 202,488	12 652,053	3,951	3,489
33	38	97 411	46 743,150	1 212 326,350	25,936	25,474	83	88	16 283	2 568,502	9 449,565	3,679	3,217
34	39	97 282	45 654,246	1 165 583,200	25,531	25,069	84	89	13 036	2 010,988	6 881,063	3,422	2,960
35	40	97 141	44 584,700	1 119 928,954	25,119	24,657	85	90	10 092	1 522,623	4 870,075	3,198	2,736
36	41	96 991	43 536,223	1 075 344,255	24,700	24,238	86	91	7 603	1 121,880	3 347,452	2,984	2,522
37	42	96 828	42 506,612	1 031 808,031	24,274	23,812	87	92	5 496	793,145	2 225,572	2,806	2,344
38	43	96 650	41 494,846	989 301,419	23,842	23,380	88	93	3 853	543,853	1 432,427	2,634	2,172
39	44	96 445	40 495,642	947 806,573	23,405	22,943	89	94	2 602	359,116	888,575	2,474	2,012
40	45	96 226	39 514,643	907 310,930	22,961	22,499	90	95	1 677	226,404	529,459	2,339	1,877
41	46	95 980	38 546,565	867 796,287	22,513	22,051	91	96	1 043	137,742	303,055	2,200	1,738
42	47	95 714	37 593,675	829 249,722	22,058	21,596	92	97	614	79,260	165,313	2,086	1,624
43	48	95 411	36 650,174	791 656,047	21,600	21,138	93	98	344	43,446	86,054	1,981	1,519
44	49	95 072	35 716,501	755 005,872	21,139	20,677	94	99	183	22,595	42,607	1,886	1,424
45	50	94 688	34 789,339	719 289,371	20,676	20,214	95	100	92	11,119	20,012	1,800	1,338
46	51	94 270	33 873,654	684 500,032	20,207	19,745							
47	52	93 807	32 965,467	650 626,379	19,737	19,275							
48	53	93 279	32 058,743	617 660,912	19,267	18,805							
49	54	92 701	31 158,772	585 602,169	18,794	18,332							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	6	99 610	99 610,498	3 536 028,045	35,499	35,037	50	56	91 747	30 159,777	544 925,042	18,068	17,606
1	7	99 217	97 033,331	3 436 417,547	35,415	34,953	51	57	91 036	29 267,287	514 765,265	17,588	17,126
2	8	99 176	94 858,930	3 339 384,216	35,204	34,742	52	58	90 243	28 373,993	485 497,978	17,111	16,649
3	9	99 150	92 747,228	3 244 525,286	34,982	34,520	53	59	89 395	27 488,884	457 123,985	16,629	16,167
4	10	99 129	90 687,466	3 151 778,058	34,754	34,292	54	60	88 482	26 609,355	429 635,101	16,146	15,684
5	11	99 109	88 673,826	3 061 090,593	34,521	34,059	55	61	87 460	25 723,274	403 025,746	15,668	15,206
6	12	99 090	86 706,265	2 972 416,766	34,281	33,819	56	62	86 369	24 843,426	377 302,472	15,187	14,725
7	13	99 072	84 782,518	2 885 710,501	34,037	33,575	57	63	85 198	23 967,507	352 459,046	14,706	14,244
8	14	99 055	82 902,630	2 800 927,983	33,786	33,324	58	64	83 944	23 094,860	328 491,540	14,224	13,762
9	15	99 036	81 062,826	2 718 025,353	33,530	33,068	59	65	82 594	22 223,488	305 396,680	13,742	13,280
10	16	99 015	79 262,849	2 636 962,527	33,269	32,807	60	66	81 167	21 358,927	283 173,192	13,258	12,796
11	17	98 991	77 499,824	2 557 699,678	33,003	32,541	61	67	79 636	20 495,019	261 814,265	12,775	12,313
12	18	98 967	75 775,978	2 480 199,853	32,731	32,269	62	68	78 028	19 639,229	241 319,246	12,288	11,826
13	19	98 933	74 083,173	2 404 424,070	32,456	31,994	63	69	76 344	18 792,529	221 680,017	11,796	11,334
14	20	98 902	72 429,983	2 330 340,898	32,174	31,712	64	70	74 578	17 953,883	202 887,489	11,300	10,838
15	21	98 865	70 809,815	2 257 910,914	31,887	31,425	65	71	72 673	17 110,408	184 933,606	10,808	10,346
16	22	98 827	69 224,833	2 187 101,099	31,594	31,132	66	72	70 657	16 269,661	167 823,198	10,315	9,853
17	23	98 779	67 668,783	2 117 876,266	31,298	30,836	67	73	68 483	15 421,898	151 553,537	9,827	9,365
18	24	98 723	66 142,196	2 050 207,483	30,997	30,535	68	74	66 164	14 571,989	136 131,638	9,342	8,880
19	25	98 656	64 642,530	1 984 065,288	30,693	30,231	69	75	63 690	13 718,339	121 559,649	8,861	8,399
20	26	98 586	63 175,283	1 919 422,758	30,382	29,920	70	76	61 018	12 853,631	107 841,311	8,390	7,928
21	27	98 509	61 737,270	1 856 247,475	30,067	29,605	71	77	58 168	11 983,690	94 987,679	7,926	7,464
22	28	98 430	60 329,907	1 794 510,205	29,745	29,283	72	78	55 146	11 111,012	83 003,989	7,470	7,008
23	29	98 352	58 956,090	1 734 180,298	29,415	28,953	73	79	51 930	10 232,917	71 892,977	7,026	6,564
24	30	98 273	57 612,089	1 675 224,208	29,078	28,616	74	80	48 551	9 356,520	61 660,060	6,590	6,128
25	31	98 190	56 296,875	1 617 612,119	28,734	28,272	75	81	44 948	8 471,483	52 303,540	6,174	5,712
26	32	98 106	55 011,200	1 561 315,244	28,382	27,920	76	82	41 206	7 595,368	43 832,057	5,771	5,309
27	33	98 015	53 750,365	1 506 304,044	28,024	27,562	77	83	37 313	6 726,510	36 236,689	5,387	4,925
28	34	97 917	52 515,113	1 452 553,678	27,660	27,198	78	84	33 339	5 877,714	29 510,179	5,021	4,559
29	35	97 816	51 306,858	1 400 038,566	27,288	26,826	79	85	29 294	5 051,005	23 632,464	4,679	4,217
30	36	97 713	50 124,914	1 348 731,708	26,907	26,445	80	86	25 288	4 264,391	18 581,459	4,357	3,895
31	37	97 604	48 967,271	1 298 606,794	26,520	26,058	81	87	21 416	3 531,850	14 317,068	4,054	3,592
32	38	97 483	47 830,030	1 249 639,523	26,127	25,665	82	88	17 705	2 855,685	10 785,219	3,777	3,315
33	39	97 357	46 717,127	1 201 809,493	25,725	25,263	83	89	14 292	2 254,407	7 929,534	3,517	3,055
34	40	97 218	45 624,043	1 155 092,366	25,318	24,856	84	90	11 191	1 726,399	5 675,127	3,287	2,825
35	41	97 072	44 553,213	1 109 468,322	24,902	24,440	85	91	8 530	1 286,927	3 948,727	3,068	2,606
36	42	96 913	43 501,329	1 064 915,110	24,480	24,018	86	92	6 252	922,537	2 661,800	2,885	2,423
37	43	96 741	42 468,778	1 021 413,780	24,051	23,589	87	93	4 456	643,061	1 739,263	2,705	2,243
38	44	96 551	41 452,358	978 945,002	23,616	23,154	88	94	3 055	431,138	1 096,201	2,543	2,081
39	45	96 336	40 450,160	937 492,645	23,176	22,714	89	95	2 014	277,998	665,064	2,392	1,930
40	46	96 103	39 464,490	897 042,485	22,730	22,268	90	96	1 266	170,923	387,066	2,265	1,803
41	47	95 845	38 492,249	857 577,995	22,279	21,817	91	97	767	101,281	216,143	2,134	1,672
42	48	95 557	37 532,205	819 085,746	21,824	21,362	92	98	439	56,689	114,862	2,026	1,564
43	49	95 242	36 585,361	781 553,541	21,362	20,900	93	99	239	30,187	58,174	1,927	1,465
44	50	94 877	35 643,009	744 968,180	20,901	20,439	94	100	123	15,231	27,987	1,837	1,375
45	51	94 480	34 712,698	709 325,171	20,434	19,972							
46	52	94 040	33 790,772	674 612,473	19,964	19,502							
47	53	93 549	32 874,964	640 821,701	19,493	19,031							
48	54	92 999	31 962,357	607 946,737	19,021	18,559							
49	55	92 405	31 059,338	575 984,380	18,545	18,083							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	7	99 602	99 601,823	3 524 377,037	35,385	34,923	50	57	91 401	30 046,008	534 860,152	17,801	17,339
1	8	99 208	97 025,003	3 424 775,214	35,298	34,836	51	58	90 672	29 150,319	504 814,143	17,318	16,856
2	9	99 168	94 851,944	3 327 750,211	35,084	34,622	52	59	89 845	28 248,798	475 663,825	16,838	16,376
3	10	99 143	92 740,830	3 232 898,267	34,859	34,397	53	60	88 973	27 359,081	447 415,027	16,353	15,891
4	11	99 122	90 681,030	3 140 157,437	34,629	34,167	54	61	88 005	26 465,948	420 055,946	15,872	15,410
5	12	99 101	88 666,735	3 049 476,408	34,393	33,931	55	62	86 957	25 575,449	393 589,998	15,389	14,927
6	13	99 082	86 699,285	2 960 809,672	34,150	33,688	56	63	85 824	24 686,722	368 014,549	14,907	14,445
7	14	99 063	84 774,924	2 874 110,387	33,903	33,441	57	64	84 624	23 806,017	343 327,826	14,422	13,960
8	15	99 044	82 893,644	2 789 335,463	33,650	33,188	58	65	83 327	22 925,126	319 521,809	13,938	13,476
9	16	99 023	81 052,629	2 706 441,819	33,391	32,929	59	66	81 949	22 049,926	296 596,683	13,451	12,989
10	17	99 000	79 250,653	2 625 389,190	33,128	32,666	60	67	80 472	21 176,217	274 546,758	12,965	12,503
11	18	98 975	77 487,388	2 546 138,537	32,859	32,397	61	68	78 909	20 307,852	253 370,541	12,476	12,014
12	19	98 944	75 758,475	2 468 651,149	32,586	32,124	62	69	77 270	19 448,520	233 062,689	11,984	11,522
13	20	98 913	74 067,872	2 392 892,674	32,307	31,845	63	70	75 533	18 592,923	213 614,169	11,489	11,027
14	21	98 880	72 413,905	2 318 824,802	32,022	31,560	64	71	73 713	17 745,533	195 021,245	10,990	10,528
15	22	98 844	70 794,995	2 246 410,898	31,731	31,269	65	72	71 738	16 890,074	177 275,713	10,496	10,034
16	23	98 805	69 209,304	2 175 615,903	31,435	30,973	66	73	69 634	16 034,113	160 385,638	10,003	9,541
17	24	98 756	67 653,315	2 106 406,599	31,135	30,673	67	74	67 369	15 171,120	144 351,525	9,515	9,053
18	25	98 703	66 128,826	2 038 753,284	30,830	30,368	68	75	64 933	14 300,840	129 180,405	9,033	8,571
19	26	98 634	64 628,310	1 972 624,458	30,523	30,061	69	76	62 323	13 423,972	114 879,565	8,558	8,096
20	27	98 562	63 160,331	1 907 996,148	30,209	29,747	70	77	59 524	12 538,810	101 455,594	8,091	7,629
21	28	98 483	61 720,684	1 844 835,817	29,890	29,428	71	78	56 556	11 651,458	88 916,784	7,631	7,169
22	29	98 405	60 314,651	1 783 115,132	29,564	29,102	72	79	53 377	10 754,701	77 265,326	7,184	6,722
23	30	98 324	58 939,174	1 722 800,481	29,230	28,768	73	80	50 045	9 861,401	66 510,624	6,745	6,283
24	31	98 245	57 595,783	1 663 861,307	28,889	28,427	74	81	46 523	8 965,739	56 649,223	6,318	5,856
25	32	98 160	56 279,872	1 606 265,524	28,541	28,079	75	82	42 809	8 068,323	47 683,484	5,910	5,448
26	33	98 072	54 991,700	1 549 985,652	28,186	27,724	76	83	38 934	7 176,527	39 615,162	5,520	5,058
27	34	97 979	53 730,712	1 494 993,952	27,824	27,362	77	84	34 973	6 304,680	32 438,634	5,145	4,683
28	35	97 875	52 492,806	1 441 263,239	27,456	26,994	78	85	30 928	5 452,663	26 133,955	4,793	4,331
29	36	97 777	51 286,450	1 388 770,434	27,079	26,617	79	86	26 870	4 633,011	20 681,291	4,464	4,002
30	37	97 667	50 101,094	1 337 483,984	26,696	26,234	80	87	22 906	3 862,588	16 048,280	4,155	3,693
31	38	97 552	48 941,138	1 287 382,890	26,305	25,843	81	88	19 096	3 149,380	12 185,692	3,869	3,407
32	39	97 428	47 803,403	1 238 441,752	25,907	25,445	82	89	15 540	2 506,472	9 036,312	3,605	3,143
33	40	97 292	46 686,221	1 190 638,349	25,503	25,041	83	90	12 269	1 935,370	6 529,840	3,374	2,912
34	41	97 149	45 591,823	1 143 952,128	25,091	24,629	84	91	9 458	1 459,160	4 594,470	3,149	2,687
35	42	96 994	44 517,504	1 098 360,305	24,673	24,211	85	92	7 014	1 058,258	3 135,310	2,963	2,501
36	43	96 827	43 462,609	1 053 842,802	24,247	23,785	86	93	5 069	747,969	2 077,052	2,777	2,315
37	44	96 642	42 425,292	1 010 380,192	23,816	23,353	87	94	3 533	509,785	1 329,083	2,607	2,145
38	45	96 442	41 405,800	967 954,900	23,377	22,915	88	95	2 365	333,751	819,298	2,455	1,993
39	46	96 214	40 398,819	926 549,100	22,935	22,473	89	96	1 521	209,873	485,546	2,314	1,852
40	47	95 968	39 408,880	886 150,281	22,486	22,024	90	97	931	125,679	275,673	2,193	1,731
41	48	95 688	38 429,310	846 741,400	22,034	21,572	91	98	549	72,439	149,994	2,071	1,609
42	49	95 388	37 465,832	808 312,091	21,575	21,113	92	99	305	39,388	77,556	1,969	1,507
43	50	95 046	36 510,081	770 846,259	21,113	20,651	93	100	161	20,349	38,168	1,876	1,414
44	51	94 668	35 564,487	734 336,177	20,648	20,186							
45	52	94 248	34 627,764	698 771,690	20,180	19,718							
46	53	93 781	33 698,004	664 143,927	19,709	19,247							
47	54	93 268	32 776,124	630 445,923	19,235	18,773							
48	55	92 702	31 860,358	597 669,799	18,759	18,297							
49	56	92 077	30 949,290	565 809,441	18,282	17,820							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	8	99 593	99 593,274	3 512 030,191	35,264	34,802	50	58	91 036	29 925,928	524 245,266	17,518	17,056
1	9	99 201	97 017,858	3 412 436,917	35,173	34,711	51	59	90 272	29 021,698	494 319,339	17,033	16,571
2	10	99 161	94 845,400	3 315 419,059	34,956	34,494	52	60	89 420	28 115,406	465 297,641	16,550	16,088
3	11	99 136	92 734,248	3 220 573,659	34,729	34,267	53	61	88 493	27 211,633	437 182,234	16,066	15,604
4	12	99 114	90 673,778	3 127 839,410	34,496	34,034	54	62	87 499	26 313,856	409 970,601	15,580	15,118
5	13	99 093	88 659,598	3 037 165,632	34,256	33,794	55	63	86 409	25 414,129	383 656,745	15,096	14,634
6	14	99 073	86 691,519	2 948 506,035	34,011	33,549	56	64	85 246	24 520,387	358 242,617	14,610	14,148
7	15	99 052	84 765,735	2 861 814,516	33,761	33,299	57	65	84 002	23 631,057	333 722,230	14,122	13,660
8	16	99 031	82 883,217	2 777 048,780	33,506	33,044	58	66	82 676	22 746,084	310 091,173	13,633	13,171
9	17	99 008	81 040,157	2 694 165,563	33,245	32,783	59	67	81 248	21 861,305	287 345,089	13,144	12,682
10	18	98 984	79 237,936	2 613 125,406	32,978	32,516	60	68	79 738	20 982,829	265 483,784	12,652	12,190
11	19	98 953	77 469,689	2 533 887,471	32,708	32,246	61	69	78 143	20 110,650	244 500,955	12,158	11,696
12	20	98 924	75 742,828	2 456 417,782	32,431	31,969	62	70	76 450	19 241,947	224 390,305	11,662	11,200
13	21	98 891	74 051,429	2 380 674,954	32,149	31,687	63	71	74 656	18 377,158	205 148,358	11,163	10,701
14	22	98 859	72 398,749	2 306 623,525	31,860	31,398	64	72	72 763	17 517,020	186 771,200	10,662	10,200
15	23	98 822	70 779,114	2 234 224,775	31,566	31,104	65	73	70 699	16 645,544	169 254,180	10,168	9,706
16	24	98 782	69 193,484	2 163 445,662	31,267	30,805	66	74	68 502	15 773,379	152 608,636	9,675	9,213
17	25	98 736	67 639,640	2 094 252,178	30,962	30,500	67	75	66 115	14 888,823	136 835,257	9,190	8,728
18	26	98 681	66 114,279	2 026 612,538	30,653	30,191	68	76	63 540	13 993,974	121 946,434	8,714	8,252
19	27	98 610	64 613,014	1 960 498,259	30,342	29,880	69	77	60 797	13 095,181	107 952,460	8,244	7,782
20	28	98 536	63 143,364	1 895 885,245	30,025	29,563	70	78	57 873	12 191,187	94 857,279	7,781	7,319
21	29	98 458	61 705,077	1 832 741,881	29,702	29,240	71	79	54 742	11 277,816	82 666,092	7,330	6,868
22	30	98 376	60 297,346	1 771 036,804	29,372	28,910	72	80	51 439	10 364,242	71 388,276	6,888	6,426
23	31	98 296	58 922,492	1 710 739,458	29,034	28,572	73	81	47 955	9 449,534	61 024,034	6,458	5,996
24	32	98 215	57 578,388	1 651 816,966	28,688	28,226	74	82	44 309	8 539,057	51 574,500	6,040	5,578
25	33	98 126	56 259,922	1 594 238,578	28,337	27,875	75	83	40 448	7 623,400	43 035,443	5,645	5,183
26	34	98 036	54 971,594	1 537 978,656	27,978	27,516	76	84	36 492	6 726,476	35 412,043	5,265	4,803
27	35	97 937	53 707,889	1 483 007,062	27,612	27,150	77	85	32 444	5 848,752	28 685,567	4,905	4,443
28	36	97 836	52 471,926	1 429 299,174	27,239	26,777	78	86	28 368	5 001,430	22 836,815	4,566	4,104
29	37	97 731	51 262,078	1 376 827,247	26,859	26,397	79	87	24 338	4 196,476	17 835,385	4,250	3,788
30	38	97 615	50 074,356	1 325 565,169	26,472	26,010	80	88	20 425	3 444,303	13 638,908	3,960	3,498
31	39	97 498	48 913,892	1 275 490,814	26,076	25,614	81	89	16 761	2 764,251	10 194,606	3,688	3,226
32	40	97 364	47 771,778	1 226 576,922	25,676	25,214	82	90	13 341	2 151,763	7 430,354	3,453	2,991
33	41	97 224	46 653,250	1 178 805,144	25,267	24,805	83	91	10 370	1 635,783	5 278,591	3,227	2,765
34	42	97 071	45 555,281	1 132 151,893	24,852	24,390	84	92	7 778	1 199,887	3 642,808	3,036	2,574
35	43	96 908	44 477,879	1 086 596,612	24,430	23,968	85	93	5 687	858,008	2 442,921	2,847	2,385
36	44	96 728	43 418,106	1 042 118,733	24,002	23,540	86	94	4 018	592,951	1 584,913	2,673	2,211
37	45	96 534	42 377,642	998 700,627	23,567	23,105	87	95	2 735	394,634	991,962	2,514	2,052
38	46	96 320	41 353,247	956 322,985	23,126	22,664	88	96	1 785	251,964	597,328	2,371	1,909
39	47	96 078	40 341,892	914 969,738	22,680	22,218	89	97	1 118	154,319	345,364	2,238	1,776
40	48	95 811	39 344,442	874 627,846	22,230	21,768	90	98	666	89,889	191,045	2,125	1,663
41	49	95 519	38 361,350	835 283,403	21,774	21,312	91	99	381	50,331	101,156	2,010	1,548
42	50	95 192	37 388,741	796 922,053	21,314	20,852	92	100	206	26,551	50,825	1,914	1,452
43	51	94 837	36 429,650	759 533,313	20,849	20,387							
44	52	94 436	35 477,468	723 103,663	20,382	19,920							
45	53	93 990	34 532,698	687 626,195	19,912	19,450							
46	54	93 499	33 596,689	653 093,497	19,439	18,977							
47	55	92 971	32 671,528	619 496,808	18,961	18,499							
48	56	92 374	31 747,471	586 825,280	18,484	18,022							
49	57	91 730	30 832,543	555 077,809	18,003	17,541							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	9	99 586	99 585,940	3 498 976,014	35,135	34,673	50	59	90 634	29 793,885	513 078,985	17,221	16,759
1	10	99 194	97 011,165	3 399 390,074	35,041	34,579	51	60	89 846	28 884,657	483 285,100	16,732	16,270
2	11	99 154	94 838,669	3 302 378,909	34,821	34,359	52	61	88 939	27 963,882	454 400,442	16,250	15,788
3	12	99 128	92 726,833	3 207 540,240	34,591	34,129	53	62	87 985	27 055,256	426 436,560	15,762	15,300
4	13	99 106	90 666,479	3 114 813,407	34,355	33,893	54	63	86 947	26 147,878	399 381,304	15,274	14,812
5	14	99 084	88 651,656	3 024 146,928	34,113	33,651	55	64	85 827	25 242,892	373 233,427	14,786	14,324
6	15	99 063	86 682,123	2 935 495,273	33,865	33,403	56	65	84 619	24 340,176	347 990,535	14,297	13,835
7	16	99 040	84 755,073	2 848 813,150	33,612	33,150	57	66	83 346	23 446,501	323 650,359	13,804	13,342
8	17	99 016	82 870,463	2 764 058,077	33,354	32,892	58	67	81 969	22 551,508	300 203,857	13,312	12,850
9	18	98 992	81 027,152	2 681 187,614	33,090	32,628	59	68	80 506	21 661,661	277 652,349	12,818	12,356
10	19	98 962	79 219,837	2 600 160,461	32,822	32,360	60	69	78 963	20 779,073	255 990,689	12,320	11,858
11	20	98 932	77 453,688	2 520 940,625	32,548	32,086	61	70	77 313	19 897,044	235 211,616	11,821	11,359
12	21	98 902	75 726,014	2 443 486,936	32,267	31,805	62	71	75 562	19 018,650	215 314,572	11,321	10,859
13	22	98 870	74 035,931	2 367 760,923	31,981	31,519	63	72	73 695	18 140,511	196 295,922	10,821	10,359
14	23	98 837	72 382,508	2 293 724,991	31,689	31,227	64	73	71 710	17 263,414	178 155,410	10,320	9,858
15	24	98 800	70 762,935	2 221 342,483	31,391	30,929	65	74	69 549	16 374,868	160 891,997	9,826	9,364
16	25	98 762	69 179,497	2 150 579,548	31,087	30,625	66	75	67 227	15 479,875	144 517,129	9,336	8,874
17	26	98 715	67 624,760	2 081 400,051	30,779	30,317	67	76	64 697	14 569,339	129 037,253	8,857	8,395
18	27	98 658	66 098,632	2 013 775,291	30,466	30,004	68	77	61 984	13 651,222	114 467,914	8,385	7,923
19	28	98 584	64 595,656	1 947 676,659	30,152	29,690	69	78	59 111	12 732,134	100 816,692	7,918	7,456
20	29	98 511	63 127,396	1 883 081,003	29,830	29,368	70	79	56 017	11 800,237	88 084,558	7,465	7,003
21	30	98 430	61 687,373	1 819 953,606	29,503	29,041	71	80	52 755	10 868,365	76 284,321	7,019	6,557
22	31	98 349	60 280,280	1 758 266,234	29,168	28,706	72	81	49 291	9 931,373	65 415,957	6,587	6,125
23	32	98 267	58 904,696	1 697 985,954	28,826	28,364	73	82	45 673	8 999,827	55 484,583	6,165	5,703
24	33	98 180	57 557,978	1 639 081,258	28,477	28,015	74	83	41 866	8 068,176	46 484,756	5,761	5,299
25	34	98 090	56 239,352	1 581 523,280	28,121	27,659	75	84	37 911	7 145,325	38 416,579	5,376	4,914
26	35	97 994	54 948,243	1 525 283,928	27,759	27,297	76	85	33 853	6 240,046	31 271,255	5,011	4,549
27	36	97 898	53 686,526	1 470 335,685	27,387	26,925	77	86	29 759	5 364,741	25 031,209	4,666	4,204
28	37	97 790	52 446,991	1 416 649,159	27,011	26,549	78	87	25 695	4 530,182	19 666,468	4,341	3,879
29	38	97 679	51 234,720	1 364 202,168	26,627	26,165	79	88	21 702	3 742,033	15 136,286	4,045	3,583
30	39	97 560	50 046,479	1 312 967,448	26,235	25,773	80	89	17 927	3 023,109	11 394,252	3,769	3,307
31	40	97 433	48 881,533	1 262 920,969	25,836	25,374	81	90	14 389	2 373,063	8 371,144	3,528	3,066
32	41	97 295	47 738,041	1 214 039,437	25,431	24,969	82	91	11 276	1 818,680	5 998,081	3,298	2,836
33	42	97 146	46 615,858	1 166 301,396	25,019	24,557	83	92	8 527	1 345,127	4 179,401	3,107	2,645
34	43	96 985	45 514,733	1 119 685,538	24,601	24,138	84	93	6 306	972,837	2 834,274	2,913	2,451
35	44	96 809	44 432,336	1 074 170,805	24,175	23,713	85	94	4 508	680,184	1 861,437	2,737	2,275
36	45	96 619	43 369,341	1 029 738,469	23,743	23,281	86	95	3 111	459,013	1 181,253	2,573	2,111
37	46	96 411	42 323,855	986 369,128	23,305	22,843	87	96	2 065	297,927	722,240	2,424	1,962
38	47	96 184	41 294,976	944 045,273	22,861	22,399	88	97	1 313	185,268	424,313	2,290	1,828
39	48	95 921	40 275,929	902 750,297	22,414	21,952	89	98	800	110,373	239,045	2,166	1,704
40	49	95 642	39 274,864	862 474,368	21,960	21,498	90	99	463	62,456	128,672	2,060	1,598
41	50	95 322	38 282,416	823 199,504	21,503	21,041	91	100	257	33,928	66,216	1,952	1,490
42	51	94 982	37 306,373	784 917,088	21,040	20,578							
43	52	94 605	36 340,514	747 610,715	20,572	20,110							
44	53	94 177	35 380,069	711 270,201	20,104	19,642							
45	54	93 707	34 428,873	675 890,132	19,631	19,169							
46	55	93 201	33 489,475	641 461,258	19,154	18,692							
47	56	92 641	32 555,768	607 971,784	18,675	18,213							
48	57	92 025	31 627,713	575 416,016	18,193	17,731							
49	58	91 363	30 709,318	543 788,303	17,708	17,246							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	10	99 579	99 579,070	3 485 203,774	34,999	34,537	50	60	90 206	29 653,198	501 367,813	16,908	16,446
1	11	99 187	97 004,280	3 385 624,704	34,902	34,440	51	61	89 361	28 728,988	471 714,615	16,419	15,957
2	12	99 146	94 831,085	3 288 620,424	34,679	34,217	52	62	88 427	27 803,182	442 985,628	15,933	15,471
3	13	99 120	92 719,368	3 193 789,339	34,446	33,984	53	63	87 430	26 884,601	415 182,445	15,443	14,981
4	14	99 097	90 658,357	3 101 069,971	34,206	33,744	54	64	86 361	25 971,697	388 297,845	14,951	14,489
5	15	99 073	88 642,047	3 010 411,614	33,961	33,499	55	65	85 196	25 057,371	362 326,148	14,460	13,998
6	16	99 050	86 671,219	2 921 769,566	33,711	33,249	56	66	83 958	24 150,083	337 268,776	13,966	13,504
7	17	99 024	84 742,031	2 835 098,347	33,456	32,994	57	67	82 633	23 245,934	313 118,694	13,470	13,008
8	18	99 000	82 857,165	2 750 356,316	33,194	32,732	58	68	81 220	22 345,561	289 872,760	12,972	12,510
9	19	98 969	81 008,645	2 667 499,151	32,929	32,467	59	69	79 724	21 451,312	267 527,199	12,471	12,009
10	20	98 941	79 203,475	2 586 490,506	32,656	32,194	60	70	78 125	20 558,367	246 075,887	11,970	11,508
11	21	98 910	77 436,494	2 507 287,032	32,379	31,917	61	71	76 416	19 666,145	225 517,520	11,467	11,005
12	22	98 881	75 710,165	2 429 850,537	32,094	31,632	62	72	74 589	18 773,743	205 851,375	10,965	10,503
13	23	98 848	74 019,323	2 354 140,372	31,804	31,342	63	73	72 628	17 877,878	187 077,632	10,464	10,002
14	24	98 815	72 365,963	2 280 121,049	31,508	31,046	64	74	70 544	16 982,690	169 199,754	9,963	9,501
15	25	98 780	70 748,631	2 207 755,087	31,206	30,744	65	75	68 255	16 070,172	152 217,064	9,472	9,010
16	26	98 740	69 164,279	2 137 006,456	30,898	30,436	66	76	65 785	15 147,709	136 146,892	8,988	8,526
17	27	98 691	67 608,756	2 067 842,176	30,585	30,123	67	77	63 112	14 212,495	120 999,183	8,514	8,052
18	28	98 631	66 080,875	2 000 233,420	30,269	29,807	68	78	60 265	13 272,759	106 786,687	8,046	7,584
19	29	98 559	64 579,322	1 934 152,546	29,950	29,488	69	79	57 216	12 323,836	93 513,928	7,588	7,126
20	30	98 483	63 109,284	1 869 573,224	29,624	29,162	70	80	53 984	11 371,819	81 190,092	7,140	6,678
21	31	98 402	61 669,913	1 806 463,940	29,292	28,830	71	81	50 551	10 414,441	69 818,273	6,704	6,242
22	32	98 319	60 262,074	1 744 794,027	28,953	28,491	72	82	46 945	9 458,736	59 403,832	6,280	5,818
23	33	98 232	58 883,816	1 684 531,953	28,608	28,146	73	83	43 154	8 503,538	49 945,096	5,873	5,411
24	34	98 145	57 536,933	1 625 648,137	28,254	27,792	74	84	39 240	7 562,208	41 441,558	5,480	5,018
25	35	98 048	56 215,463	1 568 111,205	27,895	27,433	75	85	35 170	6 628,606	33 879,350	5,111	4,649
26	36	97 955	54 926,387	1 511 895,742	27,526	27,064	76	86	31 052	5 723,653	27 250,744	4,761	4,299
27	37	97 852	53 661,014	1 456 969,355	27,151	26,689	77	87	26 955	4 859,261	21 527,091	4,430	3,968
28	38	97 738	52 419,001	1 403 308,342	26,771	26,309	78	88	22 913	4 039,601	16 667,830	4,126	3,664
29	39	97 624	51 206,197	1 350 889,341	26,381	25,919	79	89	19 049	3 284,431	12 628,229	3,845	3,383
30	40	97 496	50 013,370	1 299 683,144	25,987	25,525	80	90	15 390	2 595,287	9 343,798	3,600	3,138
31	41	97 365	48 847,011	1 249 669,773	25,583	25,121	81	91	12 162	2 005,723	6 748,511	3,365	2,903
32	42	97 217	47 699,779	1 200 822,762	25,175	24,713	82	92	9 272	1 495,525	4 742,788	3,171	2,709
33	43	97 059	46 574,366	1 153 122,983	24,759	24,297	83	93	6 914	1 090,594	3 247,262	2,978	2,516
34	44	96 886	45 468,128	1 106 548,617	24,337	23,875	84	94	4 999	771,214	2 156,669	2,796	2,334
35	45	96 700	44 382,432	1 061 080,489	23,908	23,446	85	95	3 490	526,542	1 385,454	2,631	2,169
36	46	96 496	43 314,295	1 016 698,057	23,473	23,011	86	96	2 348	346,530	858,912	2,479	2,017
37	47	96 275	42 264,216	973 383,762	23,031	22,569	87	97	1 518	219,064	512,382	2,339	1,877
38	48	96 027	41 227,453	931 119,546	22,585	22,123	88	98	939	132,509	293,318	2,214	1,752
39	49	95 752	40 204,704	889 892,092	22,134	21,672	89	99	556	76,688	160,809	2,097	1,635
40	50	95 445	39 194,050	849 687,389	21,679	21,217	90	100	312	42,101	84,121	1,998	1,536
41	51	95 112	38 198,080	810 493,338	21,218	20,756							
42	52	94 750	37 215,092	772 295,258	20,752	20,290							
43	53	94 345	36 240,746	735 080,166	20,283	19,821							
44	54	93 894	35 273,698	698 839,421	19,812	19,350							
45	55	93 408	34 319,003	663 565,723	19,335	18,873							
46	56	92 871	33 370,816	629 246,720	18,856	18,394							
47	57	92 292	32 432,961	595 875,904	18,373	17,911							
48	58	91 657	31 501,311	563 442,943	17,886	17,424							
49	59	90 960	30 573,819	531 941,632	17,399	16,937							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	11	99 572	99 572,003	3 470 705,173	34,856	34,394	50	61	89 720	29 493,386	489 116,934	16,584	16,122
1	12	99 179	96 996,523	3 371 133,170	34,755	34,293	51	62	88 848	28 563,890	459 623,548	16,091	15,629
2	13	99 139	94 823,451	3 274 136,647	34,529	34,067	52	63	87 870	27 627,810	431 059,658	15,602	15,140
3	14	99 111	92 711,063	3 179 313,195	34,293	33,831	53	64	86 841	26 703,456	403 431,848	15,108	14,646
4	15	99 086	90 648,531	3 086 602,133	34,050	33,588	54	65	85 727	25 780,820	376 728,392	14,613	14,151
5	16	99 061	88 630,897	2 995 953,602	33,803	33,341	55	66	84 530	24 861,676	350 947,572	14,116	13,654
6	17	99 035	86 657,883	2 907 322,705	33,549	33,087	56	67	83 240	23 943,497	326 085,896	13,619	13,157
7	18	99 008	84 728,432	2 820 664,822	33,291	32,829	57	68	81 879	23 033,645	302 142,399	13,117	12,655
8	19	98 978	82 838,240	2 735 936,390	33,027	32,565	58	69	80 431	22 128,571	279 108,754	12,613	12,151
9	20	98 949	80 991,913	2 653 098,150	32,758	32,296	59	70	78 877	21 223,467	256 980,183	12,108	11,646
10	21	98 919	79 185,892	2 572 106,237	32,482	32,020	60	71	77 218	20 319,793	235 756,716	11,602	11,140
11	22	98 890	77 420,288	2 492 920,345	32,200	31,738	61	72	75 431	19 412,900	215 436,923	11,098	10,636
12	23	98 859	75 693,181	2 415 500,057	31,912	31,450	62	73	73 509	18 501,942	196 024,023	10,595	10,133
13	24	98 825	74 002,403	2 339 806,876	31,618	31,156	63	74	71 447	17 587,163	177 522,081	10,094	9,632
14	25	98 795	72 351,335	2 265 804,473	31,317	30,855	64	75	69 231	16 666,684	159 934,918	9,596	9,134
15	26	98 758	70 733,068	2 193 453,138	31,010	30,548	65	76	66 791	15 725,339	143 268,235	9,111	8,649
16	27	98 717	69 147,910	2 122 720,070	30,698	30,236	66	77	64 174	14 776,699	127 542,895	8,631	8,169
17	28	98 665	67 590,593	2 053 572,159	30,383	29,920	67	78	61 362	13 818,472	112 766,196	8,161	7,699
18	29	98 607	66 064,165	1 985 981,566	30,061	29,599	68	79	58 333	12 847,125	98 947,724	7,702	7,240
19	30	98 531	64 560,793	1 919 917,402	29,738	29,276	69	80	55 138	11 876,408	86 100,599	7,250	6,788
20	31	98 455	63 091,422	1 855 356,609	29,407	28,945	70	81	51 729	10 896,868	74 224,191	6,812	6,350
21	32	98 372	61 651,287	1 792 265,187	29,071	28,609	71	82	48 145	9 918,814	63 327,322	6,385	5,923
22	33	98 284	60 240,712	1 730 613,900	28,728	28,266	72	83	44 357	8 937,140	53 408,508	5,976	5,514
23	34	98 196	58 862,286	1 670 373,188	28,378	27,916	73	84	40 448	7 970,268	44 471,368	5,580	5,118
24	35	98 103	57 512,492	1 611 510,902	28,020	27,558	74	85	36 403	7 015,342	36 501,100	5,203	4,741
25	36	98 009	56 193,103	1 553 998,409	27,655	27,193	75	86	32 259	6 080,058	29 485,758	4,850	4,388
26	37	97 909	54 900,285	1 497 805,307	27,282	26,820	76	87	28 126	5 184,355	23 405,701	4,515	4,053
27	38	97 799	53 632,375	1 442 905,022	26,904	26,442	77	88	24 036	4 333,044	18 221,345	4,205	3,743
28	39	97 683	52 389,818	1 389 272,646	26,518	26,056	78	89	20 111	3 545,610	13 888,302	3,917	3,455
29	40	97 560	51 172,322	1 336 882,828	26,125	25,663	79	90	16 353	2 819,628	10 342,692	3,668	3,206
30	41	97 427	49 978,050	1 285 710,506	25,726	25,263	80	91	13 008	2 193,548	7 523,064	3,430	2,968
31	42	97 287	48 807,861	1 235 732,456	25,318	24,856	81	92	10 001	1 649,333	5 329,515	3,231	2,769
32	43	97 131	47 657,322	1 186 924,596	24,905	24,443	82	93	7 518	1 212,533	3 680,182	3,035	2,573
33	44	96 960	46 526,676	1 139 267,274	24,486	24,024	83	94	5 481	864,565	2 467,649	2,854	2,392
34	45	96 777	45 417,061	1 092 740,597	24,060	23,598	84	95	3 870	597,010	1 603,084	2,685	2,223
35	46	96 577	44 326,100	1 047 323,537	23,628	23,166	85	96	2 635	397,511	1 006,074	2,531	2,069
36	47	96 360	43 253,261	1 002 997,436	23,189	22,727	86	97	1 727	254,802	608,563	2,388	1,926
37	48	96 118	42 195,109	959 744,176	22,745	22,283	87	98	1 086	156,681	353,761	2,258	1,796
38	49	95 857	41 154,546	917 549,066	22,295	21,833	88	99	652	92,068	197,080	2,141	1,679
39	50	95 555	40 121,976	876 394,521	21,843	21,381	89	100	375	51,695	105,011	2,031	1,569
40	51	95 235	39 107,706	836 272,544	21,384	20,922							
41	52	94 880	38 104,617	797 164,838	20,920	20,458							
42	53	94 490	37 112,923	759 060,222	20,453	19,991							
43	54	94 062	36 131,786	721 947,299	19,981	19,519							
44	55	93 594	35 161,131	685 815,512	19,505	19,043							
45	56	93 077	34 197,405	650 654,381	19,026	18,564							
46	57	92 521	33 244,934	616 456,975	18,543	18,081							
47	58	91 923	32 303,340	583 212,041	18,054	17,592							
48	59	91 253	31 362,317	550 908,701	17,566	17,104							
49	60	90 531	30 429,449	519 546,383	17,074	16,612							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß 2,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$
0	12	99 564	99 564,040	3 455 474,061	34,706	34,244	50	62	89 205	29 323,896	476 344,078	16,244	15,782
1	13	99 171	96 988,715	3 355 910,020	34,601	34,139	51	63	88 287	28 383,720	447 020,182	15,749	15,287
2	14	99 130	94 814,957	3 258 921,305	34,371	33,909	52	64	87 278	27 441,657	418 636,462	15,256	14,793
3	15	99 100	92 701,014	3 164 106,348	34,132	33,670	53	65	86 202	26 507,201	391 194,805	14,758	14,296
4	16	99 074	90 637,128	3 071 405,334	33,887	33,425	54	66	85 057	25 579,475	364 687,604	14,257	13,795
5	17	99 046	88 617,259	2 980 768,206	33,636	33,174	55	67	83 807	24 649,003	339 108,128	13,757	13,295
6	18	99 019	86 643,977	2 892 150,947	33,380	32,918	56	68	82 480	23 724,837	314 459,125	13,254	12,792
7	19	98 986	84 709,079	2 805 506,970	33,119	32,657	57	69	81 084	22 809,974	290 734,288	12,746	12,284
8	20	98 957	82 821,130	2 720 797,891	32,851	32,389	58	70	79 577	21 893,532	267 924,314	12,238	11,776
9	21	98 927	80 973,934	2 637 976,761	32,578	32,116	59	71	77 962	20 977,174	246 030,782	11,728	11,266
10	22	98 899	79 169,319	2 557 002,827	32,298	31,836	60	72	76 224	20 058,131	225 053,608	11,220	10,758
11	23	98 868	77 402,920	2 477 833,507	32,012	31,550	61	73	74 339	19 131,845	204 995,476	10,715	10,253
12	24	98 836	75 675,879	2 400 430,587	31,720	31,258	62	74	72 314	18 201,078	185 863,631	10,212	9,750
13	25	98 806	73 987,445	2 324 754,708	31,421	30,959	63	75	70 118	17 259,909	167 662,553	9,714	9,252
14	26	98 773	72 335,419	2 250 767,264	31,116	30,654	64	76	67 746	16 309,051	150 402,644	9,222	8,760
15	27	98 735	70 716,328	2 178 431,844	30,805	30,343	65	77	65 155	15 340,182	134 093,593	8,741	8,279
16	28	98 691	69 129,334	2 107 715,517	30,489	30,027	66	78	62 394	14 367,034	118 753,411	8,266	7,804
17	29	98 640	67 573,501	2 038 586,183	30,168	29,706	67	79	59 395	13 375,338	104 386,377	7,804	7,342
18	30	98 578	66 045,209	1 971 012,682	29,843	29,381	68	80	56 215	12 380,698	91 011,039	7,351	6,889
19	31	98 503	64 542,520	1 904 967,472	29,515	29,053	69	81	52 835	11 380,383	78 630,341	6,909	6,447
20	32	98 425	63 072,367	1 840 424,952	29,180	28,718	70	82	49 267	10 378,282	67 249,957	6,480	6,018
21	33	98 337	61 629,434	1 777 352,586	28,839	28,377	71	83	45 491	9 371,848	56 871,675	6,068	5,606
22	34	98 248	60 218,686	1 715 723,152	28,492	28,030	72	84	41 575	8 376,678	47 499,827	5,670	5,208
23	35	98 154	58 837,283	1 655 504,466	28,137	27,675	73	85	37 523	7 393,892	39 123,149	5,291	4,829
24	36	98 064	57 489,616	1 596 667,183	27,773	27,311	74	86	33 390	6 434,790	31 729,257	4,931	4,469
25	37	97 962	56 166,399	1 539 177,567	27,404	26,942	75	87	29 220	5 507,178	25 294,467	4,593	4,131
26	38	97 856	54 870,986	1 483 011,168	27,027	26,565	76	88	25 080	4 622,933	19 787,289	4,280	3,818
27	39	97 745	53 602,518	1 428 140,182	26,643	26,181	77	89	21 097	3 803,168	15 164,356	3,987	3,525
28	40	97 619	52 355,160	1 374 537,664	26,254	25,792	78	90	17 265	3 043,846	11 361,188	3,733	3,270
29	41	97 491	51 136,182	1 322 182,504	25,856	25,394	79	91	13 822	2 383,162	8 317,342	3,490	3,028
30	42	97 349	49 937,992	1 271 046,322	25,452	24,990	80	92	10 697	1 803,784	5 934,180	3,290	2,828
31	43	97 200	48 764,417	1 221 108,330	25,041	24,579	81	93	8 108	1 337,237	4 130,395	3,089	2,627
32	44	97 031	47 608,524	1 172 343,912	24,625	24,163	82	94	5 960	961,232	2 793,158	2,906	2,444
33	45	96 851	46 474,420	1 124 735,388	24,201	23,739	83	95	4 243	669,275	1 831,926	2,737	2,275
34	46	96 654	45 359,416	1 078 260,969	23,771	23,309	84	96	2 922	450,711	1 162,651	2,580	2,118
35	47	96 441	44 263,640	1 032 901,553	23,335	22,873	85	97	1 937	292,288	711,941	2,436	1,974
36	48	96 203	43 182,536	988 637,913	22,894	22,432	86	98	1 235	182,242	419,653	2,303	1,841
37	49	95 948	42 120,490	945 455,376	22,446	21,984	87	99	754	108,863	237,411	2,181	1,719
38	50	95 660	41 069,864	903 334,886	21,995	21,533	88	100	440	62,063	128,548	2,071	1,609
39	51	95 344	40 033,588	862 265,022	21,539	21,077							
40	52	95 002	39 012,017	822 231,434	21,076	20,614							
41	53	94 619	38 000,006	783 219,417	20,611	20,149							
42	54	94 206	37 001,341	745 219,411	20,140	19,678							
43	55	93 761	36 016,482	708 218,070	19,664	19,202							
44	56	93 263	35 036,550	672 201,588	19,186	18,724							
45	57	92 726	34 068,406	637 165,038	18,703	18,241							
46	58	92 151	33 112,069	603 096,633	18,214	17,752							
47	59	91 517	32 160,808	569 984,564	17,723	17,261							
48	60	90 822	31 214,224	537 823,756	17,230	16,768							
49	61	90 043	30 265,454	506 609,532	16,739	16,277							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä_{xy}^{(12)}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä_{xy}^{(12)}$
0	13	99 556	99 556,026	3 439 506,231	34,548	34,086	50	63	88 642	29 138,932	463 059,087	15,891	15,429
1	14	99 162	96 980,027	3 339 950,205	34,440	33,978	51	64	87 692	28 192,474	433 920,156	15,391	14,929
2	15	99 119	94 804,681	3 242 970,178	34,207	33,745	52	65	86 636	27 239,977	405 727,682	14,895	14,433
3	16	99 088	92 689,353	3 148 165,498	33,965	33,503	53	66	85 529	26 300,184	378 487,704	14,391	13,929
4	17	99 059	90 623,182	3 055 476,145	33,716	33,254	54	67	84 330	25 360,662	352 187,521	13,887	13,425
5	18	99 030	88 603,038	2 964 852,963	33,462	33,000	55	68	83 042	24 423,901	326 826,859	13,381	12,919
6	19	98 996	86 624,186	2 876 249,924	33,204	32,742	56	69	81 679	23 494,454	302 402,958	12,871	12,409
7	20	98 965	84 691,584	2 789 625,738	32,939	32,477	57	70	80 223	22 567,697	278 908,504	12,359	11,897
8	21	98 935	82 802,745	2 704 934,155	32,667	32,205	58	71	78 654	21 639,464	256 340,807	11,846	11,384
9	22	98 906	80 956,987	2 622 131,410	32,389	31,927	59	72	76 958	20 707,047	234 701,343	11,334	10,872
10	23	98 876	79 151,559	2 541 174,423	32,105	31,643	60	73	75 120	19 767,735	213 994,296	10,825	10,363
11	24	98 845	77 385,227	2 462 022,864	31,815	31,353	61	74	73 131	18 820,739	194 226,560	10,320	9,858
12	25	98 817	75 660,582	2 384 637,636	31,518	31,056	62	75	70 968	17 862,001	175 405,822	9,820	9,358
13	26	98 784	73 971,169	2 308 977,054	31,215	30,753	63	76	68 613	16 889,547	157 543,421	9,328	8,866
14	27	98 749	72 318,300	2 235 005,885	30,905	30,443	64	77	66 086	15 909,597	140 653,874	8,841	8,379
15	28	98 708	70 697,330	2 162 687,586	30,591	30,129	65	78	63 348	14 914,895	124 744,277	8,364	7,902
16	29	98 666	69 111,853	2 091 990,256	30,270	29,808	66	79	60 394	13 906,309	109 829,383	7,898	7,436
17	30	98 612	67 554,113	2 022 878,403	29,945	29,483	67	80	57 238	12 889,734	95 923,074	7,442	6,980
18	31	98 550	66 026,517	1 955 324,290	29,614	29,152	68	81	53 867	11 863,611	83 033,340	6,999	6,537
19	32	98 473	64 523,026	1 889 297,773	29,281	28,819	69	82	50 321	10 838,787	71 169,729	6,566	6,104
20	33	98 390	63 050,009	1 824 774,747	28,942	28,480	70	83	46 550	9 805,979	60 330,942	6,152	5,690
21	34	98 301	61 606,900	1 761 724,737	28,596	28,134	71	84	42 638	8 784,125	50 524,963	5,752	5,290
22	35	98 206	60 193,107	1 700 117,838	28,244	27,782	72	85	38 568	7 770,913	41 740,838	5,371	4,909
23	36	98 115	58 813,880	1 639 924,731	27,883	27,421	73	86	34 418	6 782,013	33 969,926	5,009	4,547
24	37	98 017	57 462,297	1 581 110,851	27,516	27,054	74	87	30 244	5 828,486	27 187,912	4,665	4,203
25	38	97 910	56 136,424	1 523 648,554	27,142	26,680	75	88	26 056	4 910,797	21 359,426	4,349	3,887
26	39	97 802	54 840,438	1 467 512,131	26,760	26,298	76	89	22 013	4 057,608	16 448,629	4,054	3,592
27	40	97 680	53 567,057	1 412 671,692	26,372	25,910	77	90	18 111	3 264,955	12 391,021	3,795	3,333
28	41	97 550	52 318,185	1 359 104,635	25,978	25,516	78	91	14 592	2 572,672	9 126,065	3,547	3,085
29	42	97 413	51 095,197	1 306 786,450	25,576	25,114	79	92	11 366	1 959,706	6 553,393	3,344	2,882
30	43	97 262	49 893,543	1 255 691,253	25,167	24,705	80	93	8 673	1 462,462	4 593,687	3,141	2,679
31	44	97 100	48 714,486	1 205 797,710	24,752	24,290	81	94	6 428	1 060,091	3 131,225	2,954	2,492
32	45	96 922	47 555,052	1 157 083,224	24,331	23,869	82	95	4 613	744,107	2 071,135	2,783	2,321
33	46	96 728	46 415,433	1 109 528,172	23,904	23,442	83	96	3 203	505,266	1 327,028	2,626	2,164
34	47	96 518	45 295,499	1 063 112,739	23,471	23,009	84	97	2 148	331,405	821,762	2,480	2,018
35	48	96 284	44 191,264	1 017 817,240	23,032	22,570	85	98	1 386	209,053	490,356	2,346	1,884
36	49	96 033	43 106,171	973 625,976	22,587	22,125	86	99	858	126,623	281,304	2,222	1,760
37	50	95 751	42 033,821	930 519,805	22,137	21,675	87	100	509	73,384	154,680	2,108	1,646
38	51	95 449	40 979,387	888 485,984	21,681	21,219							
39	52	95 111	39 935,634	847 506,597	21,222	20,760							
40	53	94 741	38 904,915	807 570,963	20,758	20,296							
41	54	94 335	37 885,757	768 666,048	20,289	19,827							
42	55	93 905	36 883,262	730 780,291	19,813	19,351							
43	56	93 429	35 888,869	693 897,029	19,335	18,873							
44	57	92 911	34 904,385	658 008,160	18,852	18,390							
45	58	92 355	33 932,249	623 103,775	18,363	17,901							
46	59	91 744	32 965,968	589 171,526	17,872	17,410							
47	60	91 085	32 008,944	556 205,558	17,377	16,915							
48	61	90 333	31 045,999	524 196,614	16,885	16,422							
49	62	89 525	30 091,527	493 150,615	16,388	15,926							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	14	99 547	99 547,108	3 422 797,592	34,384	33,922	50	64	88 045	28 942,598	449 279,063	15,523	15,061
1	15	99 151	96 969,516	3 323 250,484	34,271	33,809	51	65	87 048	27 985,276	420 336,465	15,020	14,558
2	16	99 106	94 792,755	3 226 280,969	34,035	33,573	52	66	85 960	27 027,237	392 351,189	14,517	14,055
3	17	99 072	92 675,091	3 131 488,213	33,790	33,328	53	67	84 798	26 075,205	365 323,953	14,010	13,548
4	18	99 043	90 608,639	3 038 813,123	33,538	33,076	54	68	83 559	25 129,060	339 248,748	13,500	13,038
5	19	99 007	88 582,800	2 948 204,483	33,282	32,820	55	69	82 236	24 186,730	314 119,687	12,987	12,525
6	20	98 976	86 606,295	2 859 621,683	33,019	32,557	56	70	80 812	23 244,907	289 932,958	12,473	12,011
7	21	98 943	84 672,783	2 773 015,388	32,750	32,288	57	71	79 292	22 305,805	266 688,051	11,956	11,494
8	22	98 915	82 785,415	2 688 342,605	32,474	32,012	58	72	77 641	21 360,808	244 382,245	11,441	10,979
9	23	98 884	80 938,826	2 605 557,190	32,192	31,730	59	73	75 844	20 407,257	223 021,437	10,929	10,467
10	24	98 854	79 133,467	2 524 618,364	31,903	31,441	60	74	73 899	19 446,288	202 614,180	10,419	9,957
11	25	98 825	77 369,585	2 445 484,898	31,608	31,146	61	75	71 770	18 470,531	183 167,892	9,917	9,455
12	26	98 795	75 643,938	2 368 115,313	31,306	30,844	62	76	69 446	17 479,111	164 697,361	9,423	8,961
13	27	98 760	73 953,663	2 292 471,375	30,999	30,537	63	77	66 933	16 475,874	147 218,250	8,935	8,473
14	28	98 723	72 298,872	2 218 517,712	30,685	30,223	64	78	64 254	15 468,524	130 742,376	8,452	7,990
15	29	98 683	70 679,453	2 146 218,840	30,366	29,904	65	79	61 317	14 436,600	115 273,853	7,985	7,523
16	30	98 637	69 092,023	2 075 539,388	30,040	29,578	66	80	58 201	13 401,427	100 837,253	7,524	7,062
17	31	98 584	67 534,993	2 006 447,364	29,710	29,248	67	81	54 848	12 351,387	87 435,825	7,079	6,617
18	32	98 521	66 006,575	1 938 912,371	29,375	28,913	68	82	51 303	11 299,018	75 084,438	6,645	6,183
19	33	98 438	64 500,155	1 872 905,796	29,037	28,575	69	83	47 546	10 241,089	63 785,421	6,228	5,766
20	34	98 354	63 026,956	1 808 405,642	28,693	28,231	70	84	43 631	9 191,031	53 544,331	5,826	5,364
21	35	98 259	61 580,731	1 745 378,686	28,343	27,881	71	85	39 554	8 148,894	44 353,301	5,443	4,981
22	36	98 167	60 169,165	1 683 797,955	27,984	27,522	72	86	35 377	7 127,834	36 204,406	5,079	4,617
23	37	98 069	58 785,931	1 623 628,790	27,619	27,157	73	87	31 175	6 142,994	29 076,573	4,733	4,271
24	38	97 965	57 431,580	1 564 842,860	27,247	26,785	74	88	26 969	5 197,310	22 933,579	4,413	3,951
25	39	97 856	56 105,172	1 507 411,230	26,868	26,406	75	89	22 869	4 310,270	17 736,268	4,115	3,653
26	40	97 737	54 804,159	1 451 306,058	26,482	26,020	76	90	18 898	3 483,387	13 425,999	3,854	3,392
27	41	97 611	53 529,226	1 396 501,899	26,089	25,627	77	91	15 308	2 759,555	9 942,611	3,603	3,141
28	42	97 471	52 276,253	1 342 972,673	25,690	25,228	78	92	11 999	2 115,543	7 183,056	3,395	2,933
29	43	97 326	51 049,718	1 290 696,421	25,283	24,821	79	93	9 215	1 588,879	5 067,514	3,189	2,727
30	44	97 163	49 842,455	1 239 646,703	24,871	24,409	80	94	6 875	1 159,363	3 478,634	3,000	2,538
31	45	96 991	48 659,772	1 189 804,247	24,451	23,989	81	95	4 976	820,635	2 319,272	2,826	2,364
32	46	96 799	47 494,694	1 141 144,476	24,027	23,565	82	96	3 483	561,760	1 498,637	2,668	2,206
33	47	96 592	46 350,029	1 093 649,782	23,595	23,133	83	97	2 355	371,520	936,877	2,522	2,060
34	48	96 360	45 221,436	1 047 299,754	23,159	22,697	84	98	1 536	237,031	565,357	2,385	1,923
35	49	96 113	44 113,115	1 002 078,318	22,716	22,254	85	99	963	145,251	328,326	2,260	1,798
36	50	95 835	43 017,474	957 965,203	22,269	21,807	86	100	578	85,356	183,075	2,145	1,683
37	51	95 540	41 941,220	914 947,729	21,815	21,353							
38	52	95 215	40 879,119	873 006,509	21,356	20,894							
39	53	94 850	39 825,996	832 127,390	20,894	20,432							
40	54	94 456	38 787,946	792 301,394	20,426	19,964							
41	55	94 034	37 764,855	753 513,448	19,953	19,491							
42	56	93 572	36 752,578	715 748,593	19,475	19,013							
43	57	93 077	35 753,489	678 996,015	18,991	18,529							
44	58	92 539	34 764,887	643 242,525	18,503	18,041							
45	59	91 948	33 782,530	608 477,638	18,012	17,550							
46	60	91 311	32 810,302	574 695,109	17,516	17,054							
47	61	90 594	31 836,436	541 884,807	17,021	16,559							
48	62	89 814	30 867,587	510 048,371	16,524	16,062							
49	63	88 961	29 901,721	479 180,783	16,025	15,563							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	15	99 536	99 536,318	3 405 345,634	34,212	33,750	50	65	87 398	28 729,886	435 018,113	15,142	14,680
1	16	99 139	96 957,318	3 305 809,315	34,096	33,633	51	66	86 368	27 766,715	406 288,226	14,632	14,170
2	17	99 091	94 778,169	3 208 851,998	33,856	33,394	52	67	85 224	26 796,038	378 521,512	14,126	13,664
3	18	99 057	92 660,219	3 114 073,828	33,607	33,145	53	68	84 023	25 837,078	351 725,473	13,613	13,151
4	19	99 020	90 587,943	3 021 413,610	33,353	32,891	54	69	82 748	24 885,042	325 888,395	13,096	12,634
5	20	98 987	88 564,505	2 930 825,666	33,093	32,631	55	70	81 362	23 929,830	301 003,354	12,579	12,117
6	21	98 954	86 587,069	2 842 261,162	32,825	32,363	56	71	79 874	22 975,157	277 073,524	12,060	11,598
7	22	98 923	84 655,062	2 755 674,093	32,552	32,090	57	72	78 271	22 018,569	254 098,367	11,540	11,078
8	23	98 892	82 766,844	2 671 019,031	32,272	31,810	58	73	76 517	21 051,552	232 079,798	11,024	10,562
9	24	98 862	80 920,325	2 588 252,187	31,985	31,523	59	74	74 611	20 075,410	211 028,246	10,512	10,050
10	25	98 834	79 117,471	2 507 331,862	31,691	31,229	60	75	72 523	19 084,441	190 952,836	10,006	9,544
11	26	98 803	77 352,565	2 428 214,391	31,392	30,930	61	76	70 230	18 074,191	171 868,395	9,509	9,047
12	27	98 771	75 626,036	2 350 861,826	31,085	30,623	62	77	67 745	17 050,998	153 794,203	9,020	8,558
13	28	98 734	73 933,795	2 275 235,790	30,774	30,312	63	78	65 077	16 019,102	136 743,205	8,536	8,074
14	29	98 698	72 280,589	2 201 301,995	30,455	29,993	64	79	62 194	14 972,475	120 724,103	8,063	7,601
15	30	98 655	70 659,173	2 129 021,406	30,131	29,669	65	80	59 091	13 912,466	105 751,628	7,601	7,139
16	31	98 609	69 072,468	2 058 362,233	29,800	29,338	66	81	55 770	12 841,709	91 839,162	7,152	6,690
17	32	98 554	67 514,596	1 989 289,765	29,465	29,003	67	82	52 237	11 763,580	78 997,453	6,715	6,253
18	33	98 486	65 983,177	1 921 775,169	29,125	28,663	68	83	48 474	10 675,941	67 233,874	6,298	5,836
19	34	98 402	64 476,571	1 855 791,992	28,782	28,320	69	84	44 564	9 598,854	56 557,932	5,892	5,430
20	35	98 312	63 000,184	1 791 315,420	28,433	27,971	70	85	40 476	8 526,375	46 959,078	5,508	5,045
21	36	98 220	61 556,236	1 728 315,237	28,077	27,615	71	86	36 281	7 474,536	38 432,703	5,142	4,680
22	37	98 121	60 140,572	1 666 759,000	27,714	27,252	72	87	32 043	6 456,230	30 958,167	4,795	4,333
23	38	98 016	58 754,558	1 606 618,429	27,345	26,883	73	88	27 799	5 477,759	24 501,937	4,473	4,011
24	39	97 910	57 399,657	1 547 863,871	26,966	26,504	74	89	23 671	4 561,746	19 024,178	4,170	3,708
25	40	97 791	56 068,055	1 490 464,214	26,583	26,121	75	90	19 633	3 700,294	14 462,432	3,908	3,446
26	41	97 668	54 765,455	1 434 396,159	26,192	25,730	76	91	15 973	2 944,174	10 762,139	3,655	3,193
27	42	97 533	53 486,323	1 379 630,704	25,794	25,332	77	92	12 588	2 269,219	7 817,964	3,445	2,983
28	43	97 385	52 229,722	1 326 144,381	25,391	24,929	78	93	9 729	1 715,227	5 548,745	3,235	2,773
29	44	97 226	50 997,446	1 273 914,659	24,980	24,518	79	94	7 305	1 259,580	3 833,518	3,043	2,581
30	45	97 053	49 786,475	1 222 917,213	24,563	24,101	80	95	5 322	897,483	2 573,938	2,868	2,406
31	46	96 868	48 598,011	1 173 130,739	24,139	23,677	81	96	3 757	619,535	1 676,455	2,706	2,244
32	47	96 663	47 427,768	1 124 532,727	23,710	23,248	82	97	2 561	413,060	1 056,921	2,559	2,097
33	48	96 434	46 274,241	1 077 104,959	23,277	22,815	83	98	1 685	265,722	643,861	2,423	1,961
34	49	96 190	45 141,465	1 030 830,718	22,836	22,374	84	99	1 068	164,691	378,139	2,296	1,834
35	50	95 916	44 022,345	985 689,253	22,391	21,929	85	100	649	97,914	213,448	2,180	1,718
36	51	95 624	42 922,706	941 666,908	21,939	21,477							
37	52	95 306	41 838,599	898 744,202	21,481	21,019							
38	53	94 954	40 766,891	856 905,603	21,020	20,558							
39	54	94 565	39 706,257	816 138,712	20,554	20,092							
40	55	94 155	38 664,165	776 432,455	20,081	19,619							
41	56	93 701	37 631,048	737 768,290	19,605	19,143							
42	57	93 219	36 613,940	700 137,242	19,122	18,660							
43	58	92 705	35 610,598	663 523,302	18,633	18,171							
44	59	92 131	34 611,494	627 912,704	18,142	17,680							
45	60	91 514	33 623,008	593 301,210	17,646	17,184							
46	61	90 819	32 633,476	559 678,202	17,150	16,688							
47	62	90 074	31 653,482	527 044,727	16,650	16,188							
48	63	89 247	30 672,885	495 391,245	16,151	15,689							
49	64	88 361	29 700,247	464 718,360	15,647	15,185							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	16	99 524	99 523,797	3 387 149,302	34,034	33,572	50	66	86 715	28 505,510	420 296,339	14,744	14,282
1	17	99 124	96 942,399	3 287 625,505	33,913	33,451	51	67	85 629	27 529,191	391 790,829	14,232	13,770
2	18	99 075	94 762,960	3 190 683,106	33,670	33,208	52	68	84 446	26 551,329	364 261,638	13,719	13,257
3	19	99 034	92 639,054	3 095 920,146	33,419	32,957	53	69	83 207	25 586,184	337 710,310	13,199	12,737
4	20	99 000	90 569,233	3 003 281,092	33,160	32,698	54	70	81 869	24 620,725	312 124,126	12,677	12,215
5	21	98 965	88 544,844	2 912 711,859	32,895	32,433	55	71	80 418	23 652,131	287 503,401	12,155	11,693
6	22	98 933	86 568,947	2 824 167,015	32,623	32,161	56	72	78 845	22 679,301	263 851,270	11,634	11,172
7	23	98 901	84 636,071	2 737 598,067	32,346	31,884	57	73	77 137	21 699,790	241 171,969	11,114	10,652
8	24	98 870	82 747,925	2 652 961,996	32,061	31,599	58	74	75 272	20 709,229	219 472,179	10,598	10,136
9	25	98 842	80 903,968	2 570 214,072	31,769	31,307	59	75	73 222	19 701,856	198 762,950	10,089	9,627
10	26	98 812	79 100,067	2 489 310,104	31,470	31,008	60	76	70 967	18 674,928	179 061,094	9,588	9,126
11	27	98 780	77 334,258	2 410 210,037	31,166	30,704	61	77	68 510	17 631,504	160 386,165	9,097	8,635
12	28	98 745	75 605,719	2 332 875,779	30,856	30,394	62	78	65 867	16 578,281	142 754,662	8,611	8,149
13	29	98 709	73 915,099	2 257 270,060	30,539	30,077	63	79	62 990	15 505,397	126 176,380	8,138	7,676
14	30	98 670	72 259,850	2 183 354,960	30,215	29,753	64	80	59 936	14 428,885	110 670,983	7,670	7,208
15	31	98 627	70 639,174	2 111 095,110	29,886	29,424	65	81	56 623	13 331,404	96 242,098	7,219	6,757
16	32	98 580	69 051,607	2 040 455,935	29,550	29,088	66	82	53 116	12 230,567	82 910,694	6,779	6,317
17	33	98 519	67 490,664	1 971 404,329	29,210	28,748	67	83	49 357	11 114,885	70 680,126	6,359	5,897
18	34	98 450	65 959,052	1 903 913,665	28,865	28,403	68	84	45 434	10 006,436	59 565,241	5,953	5,491
19	35	98 360	64 449,183	1 837 954,614	28,518	28,056	69	85	41 342	8 904,706	49 558,805	5,565	5,103
20	36	98 273	62 975,125	1 773 505,430	28,162	27,700	70	86	37 126	7 820,778	40 654,099	5,198	4,736
21	37	98 174	61 526,984	1 710 530,305	27,801	27,339	71	87	32 863	6 770,265	32 833,321	4,850	4,388
22	38	98 068	60 108,476	1 649 003,321	27,434	26,972	72	88	28 573	5 757,075	26 063,056	4,527	4,065
23	39	97 962	58 721,848	1 588 894,846	27,058	26,596	73	89	24 399	4 807,900	20 305,981	4,223	3,761
24	40	97 846	57 361,684	1 530 172,998	26,676	26,214	74	90	20 321	3 916,184	15 498,082	3,957	3,495
25	41	97 722	56 028,459	1 472 811,314	26,287	25,825	75	91	16 594	3 127,505	11 581,900	3,703	3,241
26	42	97 590	54 721,560	1 416 782,855	25,891	25,429	76	92	13 134	2 421,034	8 454,396	3,492	3,030
27	43	97 446	53 438,715	1 362 061,295	25,488	25,026	77	93	10 206	1 839,824	6 033,361	3,279	2,817
28	44	97 285	52 176,242	1 308 622,579	25,081	24,619	78	94	7 713	1 359,742	4 193,537	3,084	2,622
29	45	97 117	50 940,168	1 256 446,337	24,665	24,203	79	95	5 655	975,062	2 833,795	2,906	2,444
30	46	96 930	49 723,284	1 205 506,169	24,244	23,782	80	96	4 018	677,551	1 858,733	2,743	2,281
31	47	96 732	48 529,531	1 155 782,885	23,816	23,354	81	97	2 762	455,541	1 181,182	2,593	2,131
32	48	96 505	47 350,218	1 107 253,354	23,384	22,922	82	98	1 832	295,432	725,641	2,456	1,994
33	49	96 263	46 192,408	1 059 903,136	22,945	22,483	83	99	1 170	184,626	430,209	2,330	1,868
34	50	95 992	45 048,580	1 013 710,728	22,503	22,041	84	100	720	111,018	245,583	2,212	1,750
35	51	95 704	43 925,364	968 662,148	22,052	21,590							
36	52	95 390	42 817,683	924 736,784	21,597	21,135							
37	53	95 044	41 723,737	881 919,100	21,137	20,675							
38	54	94 669	40 644,323	840 195,364	20,672	20,210							
39	55	94 263	39 579,546	799 551,041	20,201	19,739							
40	56	93 821	38 527,171	759 971,495	19,726	19,264							
41	57	93 347	37 489,096	721 444,324	19,244	18,782							
42	58	92 847	36 467,610	683 955,228	18,755	18,293							
43	59	92 296	35 453,473	647 487,618	18,263	17,801							
44	60	91 696	34 448,057	612 034,144	17,767	17,305							
45	61	91 020	33 441,801	577 586,087	17,271	16,809							
46	62	90 297	32 445,941	544 144,286	16,771	16,309							
47	63	89 505	31 453,823	511 698,345	16,268	15,806							
48	64	88 646	30 466,216	480 244,522	15,763	15,301							
49	65	87 712	29 481,968	449 778,307	15,256	14,794							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$
0	17	99 508	99 508,483	3 368 207,675	33,848	33,386	50	67	85 973	28 261,666	405 129,790	14,335	13,873
1	18	99 108	96 926,842	3 268 699,192	33,723	33,261	51	68	84 847	27 277,786	376 868,124	13,816	13,354
2	19	99 053	94 741,315	3 171 772,350	33,478	33,016	52	69	83 626	26 293,499	349 590,338	13,296	12,834
3	20	99 013	92 619,921	3 077 031,035	33,222	32,760	53	70	82 323	25 314,420	323 296,840	12,771	12,309
4	21	98 978	90 549,128	2 984 411,114	32,959	32,497	54	71	80 919	24 335,008	297 982,420	12,245	11,783
5	22	98 944	88 526,313	2 893 861,987	32,689	32,227	55	72	79 382	23 347,558	273 647,412	11,721	11,259
6	23	98 911	86 549,527	2 805 335,674	32,413	31,951	56	73	77 704	22 350,957	250 299,854	11,199	10,737
7	24	98 878	84 616,725	2 718 786,147	32,131	31,669	57	74	75 883	21 346,926	227 948,898	10,678	10,216
8	25	98 850	82 731,198	2 634 169,422	31,840	31,378	58	75	73 872	20 323,881	206 601,972	10,165	9,703
9	26	98 820	80 886,171	2 551 438,223	31,544	31,082	59	76	71 651	19 279,095	186 278,090	9,662	9,200
10	27	98 789	79 081,347	2 470 552,053	31,241	30,779	60	77	69 229	18 217,527	166 998,995	9,167	8,705
11	28	98 753	77 313,483	2 391 470,706	30,932	30,470	61	78	66 610	17 142,693	148 781,469	8,679	8,217
12	29	98 720	75 586,601	2 314 157,224	30,616	30,154	62	79	63 754	16 046,645	131 638,776	8,204	7,741
13	30	98 681	73 893,892	2 238 570,623	30,294	29,832	63	80	60 703	14 942,459	115 592,131	7,736	7,274
14	31	98 642	72 239,399	2 164 676,732	29,965	29,503	64	81	57 432	13 826,255	100 649,672	7,280	6,818
15	32	98 597	70 617,840	2 092 437,333	29,630	29,168	65	82	53 928	12 696,958	86 823,417	6,838	6,376
16	33	98 545	69 027,130	2 021 819,493	29,290	28,828	66	83	50 187	11 556,121	74 126,459	6,414	5,952
17	34	98 483	67 465,987	1 952 792,364	28,945	28,483	67	84	46 262	10 417,853	62 570,338	6,006	5,544
18	35	98 408	65 931,034	1 885 326,377	28,595	28,133	68	85	42 149	9 282,814	52 152,485	5,618	5,156
19	36	98 321	64 423,548	1 819 395,343	28,241	27,779	69	86	37 920	8 167,801	42 869,671	5,249	4,787
20	37	98 227	62 945,198	1 754 971,795	27,881	27,419	70	87	33 628	7 083,883	34 701,870	4,899	4,437
21	38	98 121	61 494,148	1 692 026,597	27,515	27,053	71	88	29 304	6 037,102	27 617,987	4,575	4,113
22	39	98 014	60 075,012	1 630 532,449	27,142	26,680	72	89	25 079	5 053,058	21 580,886	4,271	3,809
23	40	97 897	58 683,001	1 570 457,436	26,762	26,300	73	90	20 946	4 127,500	16 527,827	4,004	3,542
24	41	97 777	57 321,174	1 511 774,436	26,374	25,912	74	91	17 176	3 309,974	12 400,327	3,746	3,284
25	42	97 644	55 983,552	1 454 453,262	25,980	25,518	75	92	13 645	2 571,789	9 090,353	3,535	3,073
26	43	97 503	54 672,853	1 398 469,710	25,579	25,117	76	93	10 649	1 962,912	6 518,564	3,321	2,859
27	44	97 347	53 383,997	1 343 796,856	25,172	24,710	77	94	8 091	1 458,516	4 555,652	3,123	2,661
28	45	97 176	52 117,640	1 290 412,859	24,760	24,298	78	95	5 970	1 052,600	3 097,136	2,942	2,480
29	46	96 994	50 875,513	1 238 295,219	24,340	23,878	79	96	4 269	736,119	2 044,536	2,777	2,315
30	47	96 794	49 653,218	1 187 419,706	23,914	23,452	80	97	2 954	498,200	1 308,417	2,626	2,164
31	48	96 574	48 450,180	1 137 766,487	23,483	23,021	81	98	1 976	325,816	810,217	2,487	2,025
32	49	96 334	47 266,483	1 089 316,308	23,046	22,584	82	99	1 273	205,269	484,401	2,360	1,898
33	50	96 065	46 097,360	1 042 049,825	22,605	22,143	83	100	789	124,456	279,132	2,243	1,781
34	51	95 780	44 949,338	995 952,465	22,157	21,695							
35	52	95 470	43 817,888	951 003,127	21,704	21,242							
36	53	95 128	42 700,133	907 185,239	21,245	20,783							
37	54	94 759	41 598,292	864 485,106	20,782	20,320							
38	55	94 366	40 514,618	822 886,814	20,311	19,849							
39	56	93 929	39 439,309	782 372,196	19,837	19,375							
40	57	93 467	38 381,839	742 932,887	19,356	18,894							
41	58	92 974	37 339,268	704 551,048	18,869	18,407							
42	59	92 437	36 306,704	667 211,780	18,377	17,915							
43	60	91 860	35 286,061	630 905,076	17,880	17,418							
44	61	91 202	34 262,405	595 619,015	17,384	16,922							
45	62	90 497	33 249,621	561 356,610	16,883	16,421							
46	63	89 727	32 241,283	528 106,989	16,380	15,918							
47	64	88 902	31 241,891	495 865,706	15,872	15,410							
48	65	87 994	30 242,307	464 623,815	15,363	14,901							
49	66	87 027	29 251,717	434 381,508	14,850	14,388							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	18	99 493	99 492,515	3 348 520,980	33,656	33,194	50	68	85 188	28 003,572	389 542,973	13,910	13,448
1	19	99 085	96 904,703	3 249 028,465	33,528	33,066	51	69	84 023	27 012,901	361 539,401	13,384	12,922
2	20	99 032	94 721,747	3 152 123,762	33,278	32,816	52	70	82 738	26 014,222	334 526,499	12,859	12,397
3	21	98 992	92 599,360	3 057 402,015	33,018	32,556	53	71	81 368	25 020,653	308 512,278	12,330	11,868
4	22	98 957	90 530,177	2 964 802,655	32,749	32,287	54	72	79 877	24 021,641	283 491,625	11,802	11,339
5	23	98 922	88 506,454	2 874 272,478	32,475	32,013	55	73	78 233	23 009,538	259 469,983	11,277	10,815
6	24	98 888	86 529,744	2 785 766,024	32,194	31,732	56	74	76 440	21 987,503	236 460,445	10,754	10,292
7	25	98 858	84 599,621	2 699 236,281	31,906	31,444	57	75	74 471	20 949,712	214 472,942	10,238	9,775
8	26	98 828	82 712,999	2 614 636,660	31,611	31,149	58	76	72 287	19 887,773	193 523,230	9,731	9,269
9	27	98 796	80 867,028	2 531 923,661	31,310	30,848	59	77	69 896	18 806,896	173 635,457	9,233	8,771
10	28	98 762	79 060,101	2 451 056,633	31,002	30,540	60	78	67 310	17 712,469	154 828,561	8,741	8,279
11	29	98 728	77 293,932	2 371 996,532	30,688	30,226	61	79	64 474	16 592,957	137 116,092	8,264	7,801
12	30	98 692	75 564,913	2 294 702,600	30,367	29,905	62	80	61 440	15 464,056	120 523,135	7,794	7,332
13	31	98 653	73 872,977	2 219 137,687	30,040	29,578	63	81	58 168	14 318,379	105 059,079	7,337	6,875
14	32	98 612	72 217,580	2 145 264,709	29,706	29,244	64	82	54 699	13 168,258	90 740,700	6,891	6,429
15	33	98 562	70 592,808	2 073 047,129	29,366	28,904	65	83	50 954	11 996,793	77 572,441	6,466	6,004
16	34	98 509	69 001,891	2 002 454,321	29,020	28,558	66	84	47 040	10 831,419	65 575,649	6,054	5,592
17	35	98 441	67 437,329	1 933 452,430	28,670	28,208	67	85	42 916	9 664,479	54 744,230	5,664	5,202
18	36	98 369	65 904,809	1 866 015,102	28,314	27,852	68	86	38 661	8 514,618	45 079,751	5,294	4,832
19	37	98 275	64 392,933	1 800 110,292	27,955	27,493	69	87	34 348	7 398,208	36 565,133	4,942	4,480
20	38	98 174	62 911,606	1 735 717,359	27,590	27,128	70	88	29 987	6 316,758	29 166,925	4,617	4,155
21	39	98 067	61 459,913	1 672 805,753	27,218	26,756	71	89	25 720	5 298,842	22 850,167	4,312	3,850
22	40	97 949	60 035,270	1 611 345,840	26,840	26,378	72	90	21 530	4 337,965	17 551,325	4,046	3,584
23	41	97 828	58 641,557	1 551 310,570	26,454	25,992	73	91	17 704	3 488,582	13 213,360	3,788	3,326
24	42	97 698	57 275,231	1 492 669,013	26,061	25,599	74	92	14 124	2 721,836	9 724,779	3,573	3,111
25	43	97 557	55 933,722	1 435 393,782	25,662	25,200	75	93	11 063	2 085,140	7 002,942	3,358	2,896
26	44	97 403	54 616,872	1 379 460,060	25,257	24,795	76	94	8 442	1 556,093	4 917,802	3,160	2,698
27	45	97 237	53 324,039	1 324 843,189	24,845	24,383	77	95	6 263	1 129,062	3 361,709	2,977	2,515
28	46	97 052	52 051,491	1 271 519,150	24,428	23,966	78	96	4 507	794,656	2 232,647	2,810	2,348
29	47	96 857	50 803,824	1 219 467,659	24,003	23,541	79	97	3 139	541,265	1 437,991	2,657	2,195
30	48	96 635	49 572,029	1 168 663,835	23,575	23,113	80	98	2 113	356,327	896,726	2,517	2,055
31	49	96 403	48 364,499	1 119 091,806	23,139	22,677	81	99	1 373	226,380	540,399	2,387	1,925
32	50	96 136	47 169,225	1 070 727,307	22,700	22,238	82	100	858	138,371	314,019	2,269	1,807
33	51	95 853	45 995,808	1 023 558,082	22,253	21,791							
34	52	95 546	44 839,356	977 562,274	21,801	21,339							
35	53	95 208	43 697,592	932 722,918	21,345	20,883							
36	54	94 842	42 571,753	889 025,326	20,883	20,421							
37	55	94 456	41 465,543	846 453,573	20,413	19,951							
38	56	94 032	40 371,068	804 988,030	19,940	19,478							
39	57	93 574	39 290,536	764 616,962	19,461	18,999							
40	58	93 093	38 228,443	725 326,426	18,973	18,511							
41	59	92 564	37 174,516	687 097,983	18,483	18,021							
42	60	92 001	36 135,263	649 923,467	17,986	17,524							
43	61	91 365	35 095,892	613 788,204	17,489	17,027							
44	62	90 678	34 065,509	578 692,312	16,988	16,526							
45	63	89 927	33 039,894	544 626,804	16,484	16,022							
46	64	89 123	32 024,046	511 586,909	15,975	15,513							
47	65	88 249	31 012,282	479 562,863	15,464	15,002							
48	66	87 307	30 006,118	448 550,582	14,949	14,487							
49	67	86 283	29 001,490	418 544,463	14,432	13,970							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	19	99 470	99 469,790	3 328 087,167	33,458	32,996	50	69	84 361	27 731,640	373 555,555	13,470	13,008
1	20	99 065	96 884,688	3 228 617,378	33,324	32,862	51	70	83 131	26 725,983	345 823,916	12,940	12,478
2	21	99 010	94 700,720	3 131 732,689	33,070	32,608	52	71	81 778	25 712,334	319 097,932	12,410	11,948
3	22	98 971	92 579,980	3 037 031,969	32,804	32,342	53	72	80 320	24 698,457	293 385,598	11,879	11,417
4	23	98 935	90 509,868	2 944 451,989	32,532	32,070	54	73	78 721	23 673,863	268 687,141	11,350	10,888
5	24	98 899	88 486,223	2 853 942,121	32,253	31,791	55	74	76 961	22 635,376	245 013,278	10,824	10,362
6	25	98 868	86 512,253	2 765 455,899	31,966	31,504	56	75	75 018	21 578,370	222 377,902	10,306	9,844
7	26	98 836	84 581,011	2 678 943,646	31,673	31,211	57	76	72 873	20 500,175	200 799,533	9,795	9,333
8	27	98 805	82 693,424	2 594 362,635	31,373	30,911	58	77	70 516	19 400,665	180 299,358	9,293	8,831
9	28	98 770	80 845,303	2 511 669,211	31,068	30,606	59	78	67 958	18 285,499	160 898,693	8,799	8,337
10	29	98 737	79 040,109	2 430 823,909	30,754	30,292	60	79	65 151	17 144,461	142 613,194	8,318	7,856
11	30	98 700	77 271,755	2 351 783,799	30,435	29,973	61	80	62 133	15 990,534	125 468,733	7,846	7,384
12	31	98 664	75 543,526	2 274 512,044	30,109	29,647	62	81	58 874	14 818,191	109 478,199	7,388	6,926
13	32	98 623	73 850,666	2 198 968,518	29,776	29,314	63	82	55 400	13 636,962	94 660,007	6,941	6,479
14	33	98 577	72 191,981	2 125 117,853	29,437	28,975	64	83	51 683	12 442,104	81 023,045	6,512	6,050
15	34	98 526	70 566,996	2 052 925,871	29,092	28,630	65	84	47 759	11 244,455	68 580,941	6,099	5,637
16	35	98 467	68 972,581	1 982 358,875	28,741	28,279	66	85	43 638	10 048,137	57 336,486	5,706	5,244
17	36	98 402	67 410,505	1 913 386,294	28,384	27,922	67	86	39 365	8 864,698	47 288,350	5,334	4,872
18	37	98 322	65 873,491	1 845 975,789	28,023	27,561	68	87	35 018	7 712,348	38 423,651	4,982	4,520
19	38	98 222	64 358,568	1 780 102,299	27,659	27,197	69	88	30 628	6 597,045	30 711,303	4,655	4,193
20	39	98 119	62 876,582	1 715 743,731	27,287	26,825	70	89	26 320	5 544,300	24 114,259	4,349	3,887
21	40	98 002	61 419,255	1 652 867,149	26,911	26,449	71	90	22 080	4 548,966	18 569,959	4,082	3,620
22	41	97 880	59 992,871	1 591 447,895	26,527	26,065	72	91	18 197	3 666,467	14 020,993	3,824	3,362
23	42	97 749	58 594,556	1 531 455,024	26,136	25,674	73	92	14 558	2 868,708	10 354,526	3,609	3,147
24	43	97 611	57 224,251	1 472 860,467	25,738	25,276	74	93	11 451	2 206,794	7 485,818	3,392	2,930
25	44	97 457	55 876,449	1 415 636,216	25,335	24,873	75	94	8 770	1 652,989	5 279,024	3,194	2,732
26	45	97 294	54 555,528	1 359 759,767	24,924	24,462	76	95	6 535	1 204,599	3 626,035	3,010	2,548
27	46	97 114	53 256,358	1 305 204,238	24,508	24,046	77	96	4 728	852,381	2 421,436	2,841	2,379
28	47	96 916	51 978,144	1 251 947,880	24,086	23,624	78	97	3 314	584,307	1 569,055	2,685	2,223
29	48	96 699	50 720,754	1 199 969,736	23,658	23,196	79	98	2 245	387,128	984,748	2,544	2,082
30	49	96 464	49 484,365	1 149 248,982	23,224	22,762	80	99	1 468	247,579	597,620	2,414	1,952
31	50	96 204	48 264,982	1 099 764,617	22,786	22,324	81	100	925	152,602	350,041	2,294	1,832
32	51	95 924	47 065,311	1 051 499,635	22,341	21,879							
33	52	95 619	45 883,266	1 004 434,324	21,891	21,429							
34	53	95 284	44 716,255	958 551,059	21,436	20,974							
35	54	94 922	43 566,213	913 834,803	20,976	20,514							
36	55	94 539	42 435,897	870 268,590	20,508	20,046							
37	56	94 121	41 318,624	827 832,693	20,035	19,573							
38	57	93 677	40 218,780	786 514,069	19,556	19,094							
39	58	93 200	39 133,508	746 295,289	19,070	18,608							
40	59	92 683	38 059,768	707 161,781	18,580	18,118							
41	60	92 127	36 998,977	669 102,013	18,084	17,622							
42	61	91 505	35 940,517	632 103,036	17,587	17,125							
43	62	90 840	34 894,206	596 162,519	17,085	16,623							
44	63	90 106	33 850,635	561 268,313	16,581	16,119							
45	64	89 321	32 817,276	527 417,677	16,071	15,609							
46	65	88 468	31 788,688	494 600,401	15,559	15,097							
47	66	87 560	30 770,080	462 811,713	15,041	14,579							
48	67	86 560	29 749,438	432 041,633	14,523	14,061							
49	68	85 495	28 736,640	402 292,195	13,999	13,537							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß 2,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	20	99 449	99 449,245	3 306 910,198	33,252	32,790	50	70	83 465	27 437,088	357 187,024	13,018	12,556
1	21	99 043	96 863,181	3 207 460,953	33,113	32,651	51	71	82 166	26 415,836	329 749,937	12,483	12,021
2	22	98 989	94 680,900	3 110 597,772	32,853	32,391	52	72	80 724	25 381,231	303 334,101	11,951	11,489
3	23	98 949	92 559,211	3 015 916,872	32,584	32,122	53	73	79 157	24 340,880	277 952,870	11,419	10,957
4	24	98 912	90 489,179	2 923 357,660	32,306	31,844	54	74	77 440	23 288,897	253 611,990	10,890	10,428
5	25	98 879	88 468,336	2 832 868,481	32,021	31,559	55	75	75 529	22 214,187	230 323,092	10,368	9,906
6	26	98 847	86 493,222	2 744 400,145	31,730	31,268	56	76	73 408	21 115,343	208 108,905	9,856	9,394
7	27	98 813	84 560,993	2 657 906,923	31,432	30,970	57	77	71 088	19 998,068	186 993,563	9,351	8,889
8	28	98 778	82 671,208	2 573 345,930	31,127	30,665	58	78	68 561	18 862,807	166 995,495	8,853	8,391
9	29	98 745	80 824,859	2 490 674,721	30,816	30,354	59	79	65 779	17 699,115	148 132,688	8,369	7,907
10	30	98 709	79 017,431	2 409 849,862	30,498	30,036	60	80	62 786	16 522,016	130 433,573	7,895	7,433
11	31	98 672	77 249,885	2 330 832,431	30,173	29,711	61	81	59 538	15 322,680	113 911,558	7,434	6,972
12	32	98 634	75 520,710	2 253 582,546	29,841	29,379	62	82	56 072	14 112,988	98 588,878	6,986	6,524
13	33	98 588	73 824,488	2 178 061,836	29,503	29,041	63	83	52 345	12 884,961	84 475,889	6,556	6,094
14	34	98 541	72 165,585	2 104 237,349	29,158	28,696	64	84	48 442	11 661,840	71 590,928	6,139	5,677
15	35	98 484	70 537,021	2 032 071,763	28,809	28,347	65	85	44 305	10 431,304	59 929,088	5,745	5,283
16	36	98 428	68 945,146	1 961 534,742	28,451	27,989	66	86	40 027	9 216,607	49 497,784	5,370	4,908
17	37	98 355	67 378,471	1 892 589,596	28,089	27,627	67	87	35 656	8 029,443	40 281,177	5,017	4,555
18	38	98 269	65 838,335	1 825 211,125	27,723	27,261	68	88	31 226	6 877,165	32 251,734	4,690	4,228
19	39	98 167	64 322,738	1 759 372,790	27,352	26,890	69	89	26 883	5 790,311	25 374,569	4,382	3,920
20	40	98 055	62 834,986	1 695 050,052	26,976	26,514	70	90	22 595	4 759,687	19 584,258	4,115	3,653
21	41	97 933	61 375,879	1 632 215,066	26,594	26,132	71	91	18 663	3 844,806	14 824,571	3,856	3,394
22	42	97 801	59 944,787	1 570 839,187	26,205	25,743	72	92	14 964	3 014,985	10 979,765	3,642	3,180
23	43	97 662	58 542,402	1 510 894,400	25,809	25,347	73	93	11 803	2 325,874	7 964,779	3,424	2,962
24	44	97 511	57 165,657	1 452 351,998	25,406	24,944	74	94	9 078	1 749,430	5 638,906	3,223	2,761
25	45	97 347	55 813,691	1 395 186,341	24,997	24,535	75	95	6 789	1 279,608	3 889,475	3,040	2,578
26	46	97 170	54 486,285	1 339 372,650	24,582	24,120	76	96	4 934	909,407	2 609,868	2,870	2,408
27	47	96 977	53 181,314	1 284 886,365	24,160	23,698	77	97	3 477	626,752	1 700,461	2,713	2,251
28	48	96 757	51 893,154	1 231 705,051	23,735	23,273	78	98	2 370	417,913	1 073,709	2,569	2,107
29	49	96 528	50 631,058	1 179 811,897	23,302	22,840	79	99	1 560	268,980	655,796	2,438	1,976
30	50	96 266	49 382,543	1 129 180,839	22,866	22,404	80	100	990	166,892	386,816	2,318	1,856
31	51	95 992	48 158,654	1 079 798,296	22,422	21,960							
32	52	95 689	46 950,152	1 031 639,642	21,973	21,511							
33	53	95 356	45 757,299	984 689,489	21,520	21,058							
34	54	94 997	44 581,814	938 932,190	21,061	20,599							
35	55	94 619	43 427,183	894 350,376	20,594	20,132							
36	56	94 204	42 285,540	850 923,193	20,123	19,661							
37	57	93 766	41 162,761	808 637,653	19,645	19,183							
38	58	93 303	40 058,043	767 474,892	19,159	18,697							
39	59	92 789	38 960,839	727 416,849	18,670	18,208							
40	60	92 245	37 880,049	688 456,009	18,175	17,713							
41	61	91 630	36 799,576	650 575,961	17,679	17,217							
42	62	90 979	35 733,977	613 776,384	17,176	16,714							
43	63	90 267	34 674,106	578 042,407	16,671	16,209							
44	64	89 499	33 622,555	543 368,301	16,161	15,699							
45	65	88 664	32 576,089	509 745,746	15,648	15,186							
46	66	87 777	31 540,422	477 169,658	15,129	14,667							
47	67	86 811	30 506,864	445 629,235	14,608	14,145							
48	68	85 770	29 477,757	415 122,371	14,083	13,621							
49	69	84 664	28 457,589	385 644,614	13,552	13,090							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	21	99 427	99 427,169	3 284 984,643	33,039	32,577	50	71	82 496	27 118,688	340 466,007	12,555	12,093
1	22	99 022	96 842,908	3 185 557,474	32,894	32,432	51	72	81 108	26 075,674	313 347,320	12,017	11,555
2	23	98 967	94 659,660	3 088 714,566	32,630	32,168	52	73	79 556	25 013,769	287 271,646	11,485	11,023
3	24	98 926	92 538,054	2 994 054,906	32,355	31,893	53	74	77 870	23 945,068	262 257,877	10,952	10,490
4	25	98 892	90 470,888	2 901 516,852	32,071	31,609	54	75	76 000	22 855,548	238 312,809	10,427	9,965
5	26	98 857	88 448,875	2 811 045,964	31,782	31,320	55	76	73 908	21 737,516	215 457,260	9,912	9,450
6	27	98 823	86 472,752	2 722 597,088	31,485	31,023	56	77	71 610	20 598,169	193 719,744	9,405	8,943
7	28	98 786	84 538,276	2 636 124,337	31,183	30,721	57	78	69 117	19 443,647	173 121,575	8,904	8,442
8	29	98 753	82 650,303	2 551 586,061	30,872	30,410	58	79	66 363	18 257,909	153 677,928	8,417	7,955
9	30	98 717	80 801,669	2 468 935,758	30,556	30,093	59	80	63 391	17 056,532	135 420,019	7,939	7,477
10	31	98 681	78 995,067	2 388 134,089	30,231	29,769	60	81	60 164	15 831,964	118 363,487	7,476	7,014
11	32	98 642	77 226,553	2 309 139,022	29,901	29,439	61	82	56 705	14 593,468	102 531,523	7,026	6,564
12	33	98 599	75 493,940	2 231 912,469	29,564	29,102	62	83	52 980	13 334,737	87 938,054	6,595	6,133
13	34	98 552	73 797,495	2 156 418,529	29,221	28,759	63	84	49 062	12 076,925	74 603,317	6,177	5,715
14	35	98 499	72 134,931	2 082 621,034	28,871	28,409	64	85	44 939	10 818,506	62 526,392	5,780	5,318
15	36	98 445	70 508,965	2 010 486,103	28,514	28,052	65	86	40 639	9 568,065	51 707,886	5,404	4,942
16	37	98 381	68 912,383	1 939 977,138	28,151	27,689	66	87	36 255	8 348,193	42 139,821	5,048	4,586
17	38	98 303	67 342,512	1 871 064,755	27,784	27,322	67	88	31 794	7 159,922	33 791,627	4,720	4,258
18	39	98 215	65 801,682	1 803 722,243	27,411	26,949	68	89	27 407	6 036,176	26 631,706	4,412	3,950
19	40	98 103	64 280,186	1 737 920,561	27,037	26,575	69	90	23 078	4 970,884	20 595,530	4,143	3,681
20	41	97 985	62 790,610	1 673 640,376	26,654	26,192	70	91	19 097	4 022,909	15 624,646	3,884	3,422
21	42	97 854	61 326,686	1 610 849,766	26,267	25,805	71	92	15 346	3 161,636	11 601,737	3,670	3,208
22	43	97 714	59 891,431	1 549 523,080	25,872	25,410	72	93	12 132	2 444,472	8 440,101	3,453	2,991
23	44	97 562	58 482,458	1 489 631,649	25,471	25,009	73	94	9 357	1 843,830	5 995,629	3,252	2,790
24	45	97 402	57 101,451	1 431 149,190	25,063	24,601	74	95	7 027	1 354,264	4 151,799	3,066	2,604
25	46	97 224	55 742,851	1 374 047,739	24,650	24,188	75	96	5 126	966,035	2 797,535	2,896	2,434
26	47	97 033	54 409,508	1 318 304,888	24,229	23,767	76	97	3 628	668,683	1 831,500	2,739	2,277
27	48	96 818	53 094,357	1 263 895,381	23,805	23,343	77	98	2 487	448,271	1 162,817	2,594	2,132
28	49	96 586	51 801,385	1 210 801,024	23,374	22,912	78	99	1 647	290,369	714,547	2,461	1,999
29	50	96 329	50 526,877	1 158 999,640	22,938	22,476	79	100	1 052	181,319	424,177	2,339	1,877
30	51	96 054	49 273,754	1 108 472,763	22,496	22,034							
31	52	95 758	48 040,820	1 059 199,009	22,048	21,586							
32	53	95 427	46 821,257	1 011 158,190	21,596	21,134							
33	54	95 070	45 619,728	964 336,933	21,139	20,677							
34	55	94 694	44 439,544	918 717,205	20,673	20,211							
35	56	94 284	43 273,314	874 277,662	20,204	19,742							
36	57	93 849	42 126,030	831 004,348	19,727	19,265							
37	58	93 392	40 998,252	788 878,318	19,242	18,780							
38	59	92 891	39 881,295	747 880,066	18,753	18,291							
39	60	92 351	38 776,865	707 998,771	18,258	17,796							
40	61	91 748	37 675,900	669 221,906	17,763	17,301							
41	62	91 104	36 588,100	631 546,006	17,261	16,799							
42	63	90 405	35 508,580	594 957,906	16,755	16,293							
43	64	89 659	34 440,477	559 449,326	16,244	15,782							
44	65	88 841	33 375,449	525 008,850	15,730	15,268							
45	66	87 972	32 321,673	491 633,401	15,211	14,749							
46	67	87 026	31 270,617	459 311,727	14,688	14,226							
47	68	86 018	30 228,266	428 041,110	14,160	13,698							
48	69	84 937	29 191,510	397 812,844	13,628	13,166							
49	70	83 765	28 155,326	368 621,334	13,092	12,630							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	22	99 406	99 406,360	3 262 308,403	32,818	32,356	50	72	81 434	26 769,475	323 422,724	12,082	11,620
1	23	99 000	96 821,184	3 162 902,044	32,667	32,205	51	73	79 934	25 698,158	296 653,248	11,544	11,082
2	24	98 945	94 638,023	3 066 080,860	32,398	31,936	52	74	78 262	24 607,015	270 955,091	11,011	10,549
3	25	98 906	92 519,349	2 971 442,837	32,117	31,655	53	75	76 421	23 499,509	246 348,076	10,483	10,021
4	26	98 870	90 450,986	2 878 923,489	31,829	31,367	54	76	74 369	22 365,115	222 848,566	9,964	9,502
5	27	98 834	88 427,942	2 788 472,502	31,534	31,072	55	77	72 098	21 205,104	200 483,451	9,454	8,992
6	28	98 797	86 449,521	2 700 044,560	31,233	30,771	56	78	69 625	20 027,111	179 278,347	8,952	8,490
7	29	98 761	84 516,899	2 613 595,039	30,924	30,462	57	79	66 901	18 820,123	159 251,236	8,462	8,000
8	30	98 725	82 626,589	2 529 078,141	30,609	30,147	58	80	63 953	17 595,039	140 431,113	7,981	7,519
9	31	98 689	80 778,800	2 446 451,551	30,286	29,824	59	81	60 743	16 344,156	122 836,074	7,516	7,054
10	32	98 651	78 971,208	2 365 672,752	29,956	29,494	60	82	57 300	15 078,515	106 491,918	7,062	6,600
11	33	98 607	77 199,178	2 286 701,544	29,621	29,159	61	83	53 578	13 788,722	91 413,403	6,630	6,168
12	34	98 563	75 466,337	2 209 502,365	29,278	28,816	62	84	49 657	12 498,495	77 624,681	6,211	5,749
13	35	98 510	73 766,147	2 134 036,029	28,930	28,468	63	85	45 514	11 203,574	65 126,186	5,813	5,351
14	36	98 460	72 106,239	2 060 269,881	28,573	28,111	64	86	41 220	9 923,224	53 922,612	5,434	4,972
15	37	98 398	70 475,458	1 988 163,642	28,211	27,749	65	87	36 810	8 666,536	43 999,388	5,077	4,615
16	38	98 328	68 875,605	1 917 688,184	27,843	27,381	66	88	32 329	7 444,154	35 332,852	4,746	4,284
17	39	98 248	67 305,022	1 848 812,579	27,469	27,007	67	89	27 906	6 284,355	27 888,697	4,438	3,976
18	40	98 150	65 758,151	1 781 507,557	27,092	26,630	68	90	23 529	5 181,955	21 604,342	4,169	3,707
19	41	98 033	64 234,789	1 715 749,407	26,711	26,249	69	91	19 506	4 201,413	16 422,387	3,909	3,447
20	42	97 907	62 740,284	1 651 514,617	26,323	25,861	70	92	15 704	3 308,092	12 220,975	3,694	3,232
21	43	97 767	61 272,100	1 588 774,334	25,930	25,468	71	93	12 442	2 563,372	8 912,882	3,477	3,015
22	44	97 614	59 830,106	1 527 502,233	25,531	25,069	72	94	9 618	1 937,849	6 349,510	3,277	2,815
23	45	97 453	58 416,773	1 467 672,128	25,124	24,662	73	95	7 244	1 427,341	4 411,661	3,091	2,629
24	46	97 278	57 028,976	1 409 255,354	24,711	24,249	74	96	5 305	1 022,396	2 984,320	2,919	2,457
25	47	97 087	55 664,303	1 352 226,378	24,293	23,831	75	97	3 769	710,321	1 961,924	2,762	2,300
26	48	96 875	54 320,542	1 296 562,075	23,869	23,407	76	98	2 595	478,261	1 251,603	2,617	2,155
27	49	96 647	53 000,463	1 242 241,534	23,438	22,976	77	99	1 728	311,462	773,342	2,483	2,021
28	50	96 387	51 694,796	1 189 241,071	23,005	22,543	78	100	1 110	195,737	461,880	2,360	1,898
29	51	96 117	50 415,566	1 137 546,275	22,563	22,101							
30	52	95 819	49 153,191	1 087 130,709	22,117	21,655							
31	53	95 495	47 908,930	1 037 977,518	21,666	21,204							
32	54	95 140	46 680,486	990 068,588	21,209	20,747							
33	55	94 766	45 474,145	943 388,102	20,746	20,284							
34	56	94 358	44 282,087	897 913,957	20,277	19,815							
35	57	93 928	43 110,078	853 631,870	19,801	19,339							
36	58	93 474	41 957,671	810 521,792	19,318	18,856							
37	59	92 980	40 817,355	768 564,121	18,829	18,367							
38	60	92 453	39 692,974	727 746,766	18,334	17,872							
39	61	91 853	38 567,883	688 053,792	17,840	17,378							
40	62	91 221	37 459,387	649 485,909	17,338	16,876							
41	63	90 529	36 357,315	612 026,522	16,834	16,372							
42	64	89 796	35 269,328	575 669,206	16,322	15,860							
43	65	89 000	34 187,359	540 399,878	15,807	15,345							
44	66	88 147	33 114,791	506 212,519	15,287	14,825							
45	67	87 219	32 045,185	473 097,728	14,763	14,301							
46	68	86 231	30 985,045	441 052,543	14,234	13,772							
47	69	85 183	29 934,731	410 067,498	13,699	13,237							
48	70	84 035	28 881,452	380 132,767	13,162	12,700							
49	71	82 793	27 828,592	351 251,315	12,622	12,160							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	23	99 384	99 384,060	3 238 876,047	32,589	32,127	50	73	80 255	26 381,914	306 094,853	11,602	11,140
1	24	98 977	96 799,052	3 139 491,987	32,433	31,971	51	74	78 634	25 280,275	279 712,939	11,064	10,602
2	25	98 925	94 618,893	3 042 692,935	32,157	31,695	52	75	76 806	24 149,139	254 432,664	10,536	10,074
3	26	98 884	92 498,996	2 948 074,042	31,871	31,409	53	76	74 781	22 995,258	230 283,525	10,014	9,552
4	27	98 847	90 429,580	2 855 575,046	31,578	31,116	54	77	72 547	21 817,331	207 288,267	9,501	9,039
5	28	98 807	88 404,186	2 765 145,466	31,278	30,816	55	78	70 099	20 617,219	185 470,936	8,996	8,534
6	29	98 772	86 427,660	2 676 741,280	30,971	30,509	56	79	67 392	19 384,876	164 853,716	8,504	8,042
7	30	98 733	84 492,649	2 590 313,620	30,657	30,195	57	80	64 472	18 136,841	145 468,840	8,021	7,559
8	31	98 697	82 603,203	2 505 820,971	30,336	29,874	58	81	61 282	16 860,172	127 331,999	7,552	7,090
9	32	98 659	80 754,402	2 423 217,768	30,007	29,545	59	82	57 852	15 566,332	110 471,827	7,097	6,635
10	33	98 616	78 943,215	2 342 463,365	29,673	29,211	60	83	54 141	14 247,021	94 905,495	6,661	6,199
11	34	98 571	77 170,952	2 263 520,150	29,331	28,869	61	84	50 218	12 924,009	80 658,473	6,241	5,779
12	35	98 521	75 434,280	2 186 349,198	28,983	28,521	62	85	46 066	11 594,657	67 734,464	5,842	5,380
13	36	98 471	73 736,807	2 110 914,918	28,628	28,166	63	86	41 748	10 276,426	56 139,807	5,463	5,001
14	37	98 413	72 071,973	2 037 178,111	28,266	27,804	64	87	37 336	8 988,231	45 863,381	5,103	4,641
15	38	98 346	70 437,846	1 965 106,138	27,898	27,436	65	88	32 823	7 728,023	36 875,150	4,772	4,310
16	39	98 274	68 837,261	1 894 668,292	27,524	27,062	66	89	28 376	6 533,830	29 147,126	4,461	3,999
17	40	98 183	67 260,496	1 825 831,031	27,146	26,684	67	90	23 957	5 395,012	22 613,296	4,192	3,730
18	41	98 080	65 711,711	1 758 570,535	26,762	26,300	68	91	19 887	4 379,811	17 218,284	3,931	3,469
19	42	97 955	64 183,305	1 692 858,824	26,375	25,913	69	92	16 040	3 454,878	12 838,473	3,716	3,254
20	43	97 820	62 684,439	1 628 675,519	25,982	25,520	70	93	12 732	2 682,115	9 383,595	3,499	3,037
21	44	97 667	61 209,361	1 565 991,080	25,584	25,122	71	94	9 864	2 032,107	6 701,479	3,298	2,836
22	45	97 505	59 762,907	1 504 781,718	25,179	24,717	72	95	7 445	1 500,122	4 669,373	3,113	2,651
23	46	97 329	58 342,629	1 445 018,811	24,768	24,306	73	96	5 468	1 077,565	3 169,250	2,941	2,479
24	47	97 141	56 948,616	1 386 676,182	24,350	23,888	74	97	3 901	751,763	2 091,685	2,782	2,320
25	48	96 928	55 573,285	1 329 727,566	23,927	23,465	75	98	2 696	508,042	1 339,922	2,637	2,175
26	49	96 703	54 224,480	1 274 154,281	23,498	23,036	76	99	1 803	332,300	831,880	2,503	2,041
27	50	96 448	52 891,407	1 219 929,801	23,065	22,603	77	100	1 165	209,956	499,580	2,379	1,917
28	51	96 175	51 580,912	1 167 038,395	22,625	22,163							
29	52	95 882	50 292,210	1 115 457,483	22,180	21,718							
30	53	95 556	49 018,247	1 065 165,273	21,730	21,268							
31	54	95 208	47 764,890	1 016 147,026	21,274	20,812							
32	55	94 836	46 531,519	968 382,136	20,811	20,349							
33	56	94 431	45 313,023	921 850,617	20,344	19,882							
34	57	94 003	44 115,046	876 537,595	19,869	19,407							
35	58	93 553	42 937,786	832 422,549	19,387	18,925							
36	59	93 062	41 772,540	789 484,763	18,900	18,438							
37	60	92 541	40 624,614	747 712,223	18,405	17,943							
38	61	91 954	39 479,055	707 087,608	17,910	17,448							
39	62	91 326	38 346,245	667 608,554	17,410	16,948							
40	63	90 645	37 223,107	629 262,309	16,905	16,443							
41	64	89 919	36 112,345	592 039,202	16,394	15,932							
42	65	89 136	35 010,119	555 926,857	15,879	15,417							
43	66	88 305	33 920,360	520 916,738	15,357	14,895							
44	67	87 393	32 831,518	486 996,377	14,833	14,371							
45	68	86 423	31 752,539	454 164,859	14,303	13,841							
46	69	85 394	30 684,160	422 412,320	13,766	13,304							
47	70	84 278	29 616,779	391 728,160	13,227	12,765							
48	71	83 059	28 546,290	362 111,381	12,685	12,223							
49	72	81 727	27 470,237	333 565,091	12,143	11,681							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$
0	24	99 361	99 361,342	3 214 684,434	32,353	31,891	50	74	78 950	25 952,913	288 528,310	11,117	10,655
1	25	98 957	96 779,486	3 115 323,091	32,190	31,728	51	75	77 171	24 809,871	262 575,397	10,584	10,121
2	26	98 903	94 598,079	3 018 543,606	31,909	31,447	52	76	75 158	23 630,949	237 765,526	10,062	9,600
3	27	98 861	92 477,105	2 923 945,527	31,618	31,156	53	77	72 950	22 432,040	214 134,578	9,546	9,084
4	28	98 821	90 405,286	2 831 468,422	31,320	30,858	54	78	70 536	21 212,474	191 702,538	9,037	8,575
5	29	98 782	88 381,831	2 741 063,136	31,014	30,552	55	79	67 851	19 956,061	170 490,064	8,543	8,081
6	30	98 743	86 402,863	2 652 681,305	30,701	30,239	56	80	64 945	18 681,091	150 534,003	8,058	7,596
7	31	98 705	84 468,735	2 566 278,443	30,381	29,919	57	81	61 779	17 379,346	131 852,913	7,587	7,125
8	32	98 667	82 578,255	2 481 809,708	30,054	29,592	58	82	58 366	16 057,791	114 473,567	7,129	6,667
9	33	98 624	80 725,777	2 399 231,453	29,721	29,259	59	83	54 662	14 707,937	98 415,777	6,691	6,229
10	34	98 580	78 914,351	2 318 505,676	29,380	28,918	60	84	50 745	13 353,568	83 707,839	6,269	5,807
11	35	98 529	77 138,171	2 239 591,325	29,034	28,571	61	85	46 586	11 989,400	70 354,271	5,868	5,406
12	36	98 482	75 404,276	2 162 453,154	28,678	28,216	62	86	42 254	10 635,146	58 364,871	5,488	5,026
13	37	98 424	73 701,766	2 087 048,878	28,317	27,855	63	87	37 814	9 308,153	47 729,725	5,128	4,666
14	38	98 361	72 033,510	2 013 347,112	27,950	27,488	64	88	33 293	8 014,881	38 421,572	4,794	4,332
15	39	98 291	70 398,632	1 941 313,602	27,576	27,114	65	89	28 810	6 782,985	30 406,691	4,483	4,021
16	40	98 209	68 791,722	1 870 914,970	27,197	26,735	66	90	24 360	5 609,182	23 623,705	4,212	3,750
17	41	98 114	67 212,995	1 802 123,248	26,812	26,350	67	91	20 249	4 559,888	18 014,523	3,951	3,489
18	42	98 002	65 659,043	1 734 910,253	26,423	25,961	68	92	16 353	3 601,578	13 454,635	3,736	3,274
19	43	97 867	64 126,177	1 669 251,210	26,031	25,569	69	93	13 005	2 801,126	9 853,057	3,518	3,056
20	44	97 719	62 620,254	1 605 125,033	25,633	25,171	70	94	10 094	2 126,240	7 051,931	3,317	2,855
21	45	97 557	61 140,614	1 542 504,779	25,229	24,767	71	95	7 636	1 573,089	4 925,691	3,131	2,669
22	46	97 381	59 687,054	1 481 364,165	24,819	24,357	72	96	5 621	1 132,511	3 352,602	2,960	2,498
23	47	97 192	58 260,418	1 421 677,111	24,402	23,940	73	97	4 021	792,329	2 220,091	2,802	2,340
24	48	96 982	56 855,498	1 363 416,693	23,980	23,518	74	98	2 790	537,683	1 427,762	2,655	2,193
25	49	96 757	55 475,008	1 306 561,195	23,552	23,090	75	99	1 873	352,992	890,079	2,522	2,060
26	50	96 504	54 112,905	1 251 086,187	23,120	22,658	76	100	1 215	224,002	537,088	2,398	1,936
27	51	96 236	52 774,887	1 196 973,283	22,681	22,219							
28	52	95 940	51 454,704	1 144 198,396	22,237	21,775							
29	53	95 619	50 154,139	1 092 743,692	21,788	21,326							
30	54	95 269	48 870,872	1 042 589,553	21,334	20,872							
31	55	94 904	47 612,461	993 718,681	20,871	20,409							
32	56	94 500	46 366,650	946 106,220	20,405	19,943							
33	57	94 074	45 142,093	899 739,570	19,931	19,469							
34	58	93 627	43 938,737	854 597,477	19,450	18,988							
35	59	93 140	42 748,331	810 658,740	18,964	18,502							
36	60	92 622	41 575,290	767 910,409	18,470	18,008							
37	61	92 042	40 405,674	726 335,120	17,976	17,514							
38	62	91 426	39 252,180	685 929,446	17,475	17,013							
39	63	90 749	38 104,370	646 677,265	16,971	16,509							
40	64	90 035	36 972,303	608 572,895	16,460	15,998							
41	65	89 258	35 846,940	571 600,592	15,946	15,484							
42	66	88 440	34 736,695	535 753,652	15,423	14,961							
43	67	87 549	33 630,197	501 016,957	14,898	14,436							
44	68	86 595	32 531,691	467 386,760	14,367	13,905							
45	69	85 583	31 444,202	434 855,070	13,829	13,367							
46	70	84 487	30 358,248	403 410,868	13,288	12,826							
47	71	83 300	29 273,084	373 052,620	12,744	12,282							
48	72	81 990	28 178,694	343 779,536	12,200	11,738							
49	73	80 544	27 072,531	315 600,841	11,658	11,196							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	25	99 341	99 341,258	3 189 728,858	32,109	31,647
1	26	98 935	96 758,196	3 090 387,601	31,939	31,477
2	27	98 879	94 575,691	2 993 629,405	31,653	31,191
3	28	98 834	92 452,261	2 899 053,714	31,357	30,895
4	29	98 796	90 382,425	2 806 601,453	31,053	30,590
5	30	98 754	88 356,473	2 716 219,028	30,742	30,280
6	31	98 715	86 378,408	2 627 862,555	30,423	29,961
7	32	98 675	84 443,223	2 541 484,147	30,097	29,635
8	33	98 632	82 548,983	2 457 040,924	29,765	29,303
9	34	98 588	80 696,261	2 374 491,941	29,425	28,963
10	35	98 538	78 880,830	2 293 795,680	29,079	28,617
11	36	98 490	77 107,489	2 214 914,850	28,725	28,263
12	37	98 435	75 368,443	2 137 807,361	28,365	27,903
13	38	98 371	73 662,432	2 062 438,918	27,999	27,537
14	39	98 306	71 993,407	1 988 776,486	27,624	27,162
15	40	98 226	70 352,060	1 916 783,078	27,246	26,784
16	41	98 139	68 743,139	1 846 431,018	26,860	26,398
17	42	98 035	67 159,124	1 777 687,879	26,470	26,008
18	43	97 915	65 600,601	1 710 528,755	26,075	25,613
19	44	97 767	64 060,515	1 644 928,154	25,678	25,216
20	45	97 610	62 549,922	1 580 867,639	25,274	24,812
21	46	97 433	61 063,012	1 518 317,717	24,865	24,403
22	47	97 244	59 602,949	1 457 254,705	24,449	23,987
23	48	97 033	58 165,155	1 397 651,756	24,029	23,567
24	49	96 811	56 754,953	1 339 486,601	23,601	23,139
25	50	96 557	55 360,860	1 282 731,648	23,170	22,708
26	51	96 292	53 993,694	1 227 370,788	22,732	22,270
27	52	96 000	52 645,758	1 173 377,094	22,288	21,826
28	53	95 676	51 313,442	1 120 731,336	21,841	21,379
29	54	95 331	50 003,348	1 069 417,894	21,387	20,925
30	55	94 965	48 714,914	1 019 414,546	20,926	20,464
31	56	94 568	47 443,762	970 699,632	20,460	19,998
32	57	94 144	46 191,745	923 255,870	19,987	19,525
33	58	93 698	44 961,679	877 064,124	19,507	19,045
34	59	93 214	43 744,866	832 102,445	19,022	18,560
35	60	92 700	42 546,472	788 357,579	18,529	18,067
36	61	92 123	41 351,226	745 811,107	18,036	17,574
37	62	91 513	40 173,474	704 459,881	17,535	17,073
38	63	90 849	39 004,592	664 286,407	17,031	16,569
39	64	90 138	37 847,628	625 281,815	16,521	16,059
40	65	89 373	36 700,578	587 434,187	16,006	15,544
41	66	88 561	35 566,980	550 733,609	15,484	15,022
42	67	87 683	34 439,548	515 166,629	14,959	14,497
43	68	86 750	33 323,076	480 727,081	14,426	13,964
44	69	85 754	32 215,787	447 404,005	13,888	13,426
45	70	84 674	31 110,217	415 188,217	13,346	12,884
46	71	83 506	30 005,949	384 078,001	12,800	12,338
47	72	82 227	28 896,129	354 072,052	12,253	11,791
48	73	80 803	27 770,731	325 175,923	11,709	11,247
49	74	79 234	26 632,299	297 405,192	11,167	10,705
50	75	77 481	25 469,993	270 772,892	10,631	10,169
51	76	75 515	24 277,503	245 302,899	10,104	9,642
52	77	73 317	23 052,160	221 025,397	9,588	9,126
53	78	70 927	21 810,140	197 973,237	9,077	8,615
54	79	68 274	20 532,227	176 163,096	8,580	8,118
55	80	65 388	19 231,538	155 630,870	8,092	7,630
56	81	62 233	17 900,864	136 399,332	7,620	7,158
57	82	58 839	16 552,256	118 498,468	7,159	6,697
58	83	55 147	15 172,295	101 946,211	6,719	6,257
59	84	51 234	13 785,579	86 773,917	6,295	5,833
60	85	47 076	12 387,895	72 988,337	5,892	5,430
61	86	42 731	10 997,222	60 600,442	5,511	5,049
62	87	38 273	9 633,074	49 603,220	5,149	4,687
63	88	33 719	8 300,159	39 970,147	4,816	4,354
64	89	29 221	7 034,764	31 669,988	4,502	4,040
65	90	24 733	5 823,078	24 635,224	4,231	3,769
66	91	20 589	4 740,906	18 812,146	3,968	3,506
67	92	16 651	3 749,658	14 071,240	3,753	3,291
68	93	13 259	2 920,066	10 321,583	3,535	3,073
69	94	10 309	2 220,585	7 401,517	3,333	2,871
70	95	7 814	1 645,959	5 180,932	3,148	2,686
71	96	5 765	1 187,597	3 534,972	2,977	2,515
72	97	4 133	832,730	2 347,375	2,819	2,357
73	98	2 876	566,696	1 514,645	2,673	2,211
74	99	1 939	373,586	947,949	2,537	2,075
75	100	1 263	237,951	574,362	2,414	1,952

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	49	93 528	30 745,085	600 481,477	19,531	19,069
1	0	99 613	97 421,240	3 500 208,562	35,929	35,467	51	50	92 962	29 886,622	569 736,392	19,063	18,601
2	1	99 267	94 946,039	3 402 787,322	35,839	35,377	52	51	92 318	29 026,601	539 849,769	18,598	18,136
3	2	99 222	92 814,729	3 307 841,283	35,639	35,177	53	52	91 632	28 176,652	510 823,169	18,129	17,667
4	3	99 193	90 746,211	3 215 026,554	35,429	34,967	54	53	90 876	27 329,287	482 646,517	17,660	17,198
5	4	99 169	88 727,650	3 124 280,343	35,212	34,750	55	54	90 041	26 482,525	455 317,230	17,193	16,731
6	5	99 146	86 755,492	3 035 552,694	34,990	34,528	56	55	89 147	25 642,446	428 834,705	16,724	16,262
7	6	99 126	84 828,907	2 948 797,202	34,762	34,300	57	56	88 183	24 807,178	403 192,259	16,253	15,791
8	7	99 109	82 948,197	2 863 968,294	34,527	34,065	58	57	87 144	23 975,331	378 385,081	15,782	15,320
9	8	99 092	81 109,211	2 781 020,098	34,287	33,825	59	58	86 032	23 148,664	354 409,751	15,310	14,848
10	9	99 077	79 312,341	2 699 910,887	34,041	33,579	60	59	84 835	22 324,295	331 261,086	14,839	14,377
11	10	99 062	77 554,799	2 620 598,545	33,790	33,328	61	60	83 557	21 504,140	308 936,791	14,366	13,904
12	11	99 046	75 836,323	2 543 043,746	33,533	33,071	62	61	82 179	20 684,053	287 432,651	13,896	13,434
13	12	99 027	74 153,369	2 467 207,423	33,272	32,810	63	62	80 727	19 871,532	266 748,597	13,424	12,962
14	13	99 008	72 507,753	2 393 054,054	33,004	32,542	64	63	79 204	19 067,511	246 877,066	12,948	12,486
15	14	98 984	70 895,233	2 320 546,302	32,732	32,270	65	64	77 561	18 261,195	227 809,555	12,475	12,013
16	15	98 956	69 315,334	2 249 651,069	32,455	31,993	66	65	75 832	17 461,138	209 548,360	12,001	11,539
17	16	98 918	67 763,928	2 180 335,735	32,175	31,713	67	66	73 995	16 663,274	192 087,222	11,528	11,066
18	17	98 869	66 240,144	2 112 571,807	31,893	31,431	68	67	72 050	15 868,303	175 423,947	11,055	10,593
19	18	98 806	64 740,955	2 046 331,664	31,608	31,146	69	68	70 025	15 082,944	159 555,644	10,579	10,117
20	19	98 735	63 270,940	1 981 590,709	31,319	30,857	70	69	67 893	14 301,878	144 472,700	10,102	9,640
21	20	98 661	61 832,613	1 918 319,769	31,024	30,562	71	70	65 643	13 523,521	130 170,822	9,626	9,163
22	21	98 586	60 425,897	1 856 487,156	30,723	30,261	72	71	63 263	12 746,584	116 647,300	9,151	8,689
23	22	98 513	59 052,467	1 796 061,259	30,415	29,953	73	72	60 756	11 971,982	103 900,717	8,679	8,217
24	23	98 440	57 709,883	1 737 008,792	30,099	29,637	74	73	58 089	11 194,591	91 928,734	8,212	7,750
25	24	98 362	56 395,508	1 679 298,909	29,777	29,315	75	74	55 209	10 405,463	80 734,143	7,759	7,297
26	25	98 288	55 113,087	1 622 903,401	29,447	28,985	76	75	52 153	9 613,238	70 328,681	7,316	6,854
27	26	98 209	53 857,161	1 567 790,315	29,110	28,648	77	76	48 910	8 817,078	60 715,443	6,886	6,424
28	27	98 124	52 626,243	1 513 933,153	28,768	28,306	78	77	45 482	8 018,637	51 898,365	6,472	6,010
29	28	98 039	51 423,462	1 461 306,910	28,417	27,955	79	78	41 885	7 222,032	43 879,728	6,076	5,614
30	29	97 949	50 246,114	1 409 883,447	28,060	27,598	80	79	38 156	6 434,248	36 657,696	5,697	5,235
31	30	97 859	49 094,919	1 359 637,333	27,694	27,232	81	80	34 379	5 669,709	30 223,448	5,331	4,869
32	31	97 761	47 966,740	1 310 542,415	27,322	26,860	82	81	30 543	4 926,265	24 553,739	4,984	4,522
33	32	97 660	46 862,595	1 262 575,675	26,942	26,480	83	82	26 753	4 219,987	19 627,474	4,651	4,189
34	33	97 551	45 780,171	1 215 713,080	26,555	26,093	84	83	23 055	3 556,754	15 407,487	4,332	3,870
35	34	97 438	44 720,913	1 169 932,909	26,161	25,699	85	84	19 488	2 940,208	11 850,734	4,031	3,569
36	35	97 314	43 681,532	1 125 211,997	25,759	25,297	86	85	16 114	2 377,774	8 910,525	3,747	3,285
37	36	97 190	42 665,718	1 081 530,464	25,349	24,887	87	86	12 994	1 875,102	6 532,751	3,484	3,022
38	37	97 052	41 667,459	1 038 864,747	24,932	24,470	88	87	10 178	1 436,399	4 657,649	3,243	2,781
39	38	96 893	40 684,055	997 197,287	24,511	24,049	89	88	7 730	1 066,883	3 221,249	3,019	2,557
40	39	96 728	39 721,004	956 513,232	24,081	23,619	90	89	5 649	762,625	2 154,367	2,825	2,363
41	40	96 540	38 771,447	916 792,228	23,646	23,184	91	90	3 996	527,605	1 391,741	2,638	2,176
42	41	96 340	37 839,613	878 020,782	23,204	22,742	92	91	2 703	348,976	864,136	2,476	2,014
43	42	96 115	36 920,742	840 181,169	22,756	22,294	93	92	1 742	219,933	515,161	2,342	1,880
44	43	95 859	36 011,835	803 260,426	22,305	21,843	94	93	1 081	133,469	295,228	2,212	1,750
45	44	95 570	35 113,341	767 248,592	21,851	21,389	95	94	640	77,243	161,759	2,094	1,632
46	45	95 251	34 226,128	732 135,250	21,391	20,929	96	95	360	42,518	84,516	1,988	1,526
47	46	94 895	33 347,810	697 909,123	20,928	20,466	97	96	192	22,202	41,998	1,892	1,430
48	47	94 488	32 474,024	664 561,313	20,464	20,002	98	97	97	10,969	19,796	1,805	1,343
49	48	94 031	31 605,812	632 087,289	19,999	19,537	99	98	46	5,114	8,828	1,726	1,264
							100	99	21	2,244	3,714	1,655	1,193

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	48	93 694	30 799,552	606 433,105	19,690	19,228
1							51	49	93 154	29 948,245	575 633,553	19,221	18,759
2	0	99 581	95 246,321	3 409 834,587	35,800	35,338	52	50	92 522	29 090,687	545 685,307	18,758	18,296
3	1	99 248	92 839,235	3 314 588,266	35,702	35,240	53	51	91 856	28 245,763	516 594,620	18,289	17,827
4	2	99 208	90 759,729	3 221 749,031	35,498	35,036	54	52	91 126	27 404,522	488 348,857	17,820	17,358
5	3	99 180	88 737,565	3 130 989,302	35,284	34,822	55	53	90 313	26 562,386	460 944,334	17,353	16,891
6	4	99 158	86 765,833	3 042 251,737	35,063	34,601	56	54	89 432	25 724,539	434 381,949	16,886	16,424
7	5	99 136	84 837,482	2 955 485,905	34,837	34,375	57	55	88 497	24 895,387	408 657,410	16,415	15,953
8	6	99 118	82 955,421	2 870 648,422	34,605	34,143	58	56	87 474	24 066,113	383 762,023	15,946	15,484
9	7	99 101	81 116,173	2 787 693,001	34,367	33,905	59	57	86 378	23 241,551	359 695,910	15,476	15,014
10	8	99 085	79 318,182	2 706 576,828	34,123	33,661	60	58	85 211	22 423,233	336 454,360	15,005	14,543
11	9	99 068	77 560,150	2 627 258,646	33,874	33,412	61	59	83 954	21 606,165	314 031,126	14,534	14,072
12	10	99 053	75 841,705	2 549 698,496	33,619	33,157	62	60	82 624	20 796,131	292 424,961	14,062	13,599
13	11	99 035	74 159,299	2 473 856,791	33,359	32,897	63	61	81 194	19 986,388	271 628,830	13,591	13,129
14	12	99 016	72 513,590	2 399 697,491	33,093	32,631	64	62	79 707	19 188,545	251 642,442	13,114	12,652
15	13	98 993	70 901,584	2 327 183,901	32,823	32,361	65	63	78 087	18 385,072	232 453,897	12,644	12,182
16	14	98 967	69 322,848	2 256 282,317	32,547	32,085	66	64	76 393	17 590,417	214 068,826	12,170	11,708
17	15	98 930	67 772,453	2 186 959,470	32,269	31,807	67	65	74 577	16 794,437	196 478,409	11,699	11,237
18	16	98 884	66 250,338	2 119 187,017	31,988	31,526	68	66	72 672	16 005,216	179 683,972	11,227	10,765
19	17	98 822	64 751,345	2 052 936,679	31,705	31,243	69	67	70 671	15 221,956	163 678,756	10,753	10,291
20	18	98 757	63 285,395	1 988 185,334	31,416	30,954	70	68	68 559	14 442,120	148 456,800	10,279	9,817
21	19	98 682	61 845,387	1 924 899,939	31,124	30,662	71	69	66 347	13 668,704	134 014,680	9,804	9,342
22	20	98 608	60 439,314	1 863 054,552	30,825	30,363	72	70	64 006	12 896,241	120 345,976	9,332	8,870
23	21	98 534	59 064,829	1 802 615,239	30,519	30,057	73	71	61 548	12 128,159	107 449,735	8,860	8,398
24	22	98 462	57 722,832	1 743 550,409	30,206	29,744	74	72	58 942	11 359,044	95 321,576	8,392	7,930
25	23	98 385	56 408,402	1 685 827,578	29,886	29,424	75	73	56 122	10 577,465	83 962,532	7,938	7,476
26	24	98 308	55 124,230	1 629 419,176	29,559	29,097	76	74	53 142	9 795,509	73 385,068	7,492	7,030
27	25	98 231	53 869,011	1 574 294,947	29,225	28,762	77	75	49 983	9 010,423	63 589,559	7,057	6,595
28	26	98 147	52 638,701	1 520 425,935	28,884	28,422	78	76	46 624	8 219,967	54 579,136	6,640	6,178
29	27	98 065	51 437,281	1 467 787,234	28,535	28,073	79	77	43 080	7 427,963	46 359,169	6,241	5,779
30	28	97 974	50 258,823	1 416 349,953	28,181	27,719	80	78	39 420	6 647,419	38 931,207	5,857	5,395
31	29	97 887	49 109,009	1 366 091,130	27,818	27,356	81	79	35 674	5 883,308	32 283,788	5,487	5,025
32	30	97 789	47 980,320	1 316 982,121	27,448	26,986	82	80	31 874	5 140,981	26 400,480	5,135	4,673
33	31	97 689	46 876,753	1 269 001,801	27,071	26,609	83	81	28 089	4 430,853	21 259,498	4,798	4,336
34	32	97 585	45 796,404	1 222 125,048	26,686	26,224	84	82	24 401	3 764,335	16 828,646	4,471	4,009
35	33	97 473	44 737,270	1 176 328,644	26,294	25,832	85	83	20 792	3 136,930	13 064,310	4,165	3,703
36	34	97 356	43 700,095	1 131 591,374	25,894	25,432	86	84	17 371	2 563,129	9 927,380	3,873	3,411
37	35	97 229	42 682,695	1 087 891,279	25,488	25,026	87	85	14 166	2 044,276	7 364,251	3,602	3,140
38	36	97 098	41 687,270	1 045 208,584	25,073	24,611	88	86	11 236	1 585,819	5 319,976	3,355	2,893
39	37	96 945	40 705,779	1 003 521,314	24,653	24,191	89	87	8 668	1 196,448	3 734,156	3,121	2,659
40	38	96 782	39 743,130	962 815,535	24,226	23,764	90	88	6 437	868,878	2 537,708	2,921	2,459
41	39	96 604	38 797,113	923 072,405	23,792	23,330	91	89	4 655	614,578	1 668,830	2,715	2,253
42	40	96 408	37 866,355	884 275,293	23,353	22,891	92	90	3 198	412,889	1 054,252	2,553	2,091
43	41	96 193	36 950,358	846 408,938	22,907	22,445	93	91	2 118	267,456	641,363	2,398	1,936
44	42	95 944	36 043,917	809 458,580	22,458	21,996	94	92	1 333	164,619	373,907	2,271	1,809
45	43	95 668	35 149,332	773 414,663	22,004	21,542	95	93	807	97,437	209,288	2,148	1,686
46	44	95 358	34 264,612	738 265,331	21,546	21,084	96	94	465	54,925	111,851	2,036	1,574
47	45	95 016	33 390,190	704 000,718	21,084	20,622	97	95	255	29,408	56,926	1,936	1,474
48	46	94 621	32 519,848	670 610,529	20,622	20,160	98	96	132	14,917	27,518	1,845	1,383
49	47	94 185	31 657,576	638 090,681	20,156	19,694	99	97	65	7,150	12,601	1,762	1,300
							100	98	30	3,229	5,451	1,688	1,226

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	47	93 847	30 849,995	611 942,507	19,836	19,374
1							51	48	93 319	30 001,301	581 092,512	19,369	18,907
2							52	49	92 713	29 150,669	551 091,211	18,905	18,443
3	0	99 562	93 132,854	3 321 117,624	35,660	35,198	53	50	92 059	28 308,126	521 940,542	18,438	17,976
4	1	99 234	90 783,692	3 227 984,770	35,557	35,095	54	51	91 349	27 471,740	493 632,416	17,969	17,507
5	2	99 195	88 750,783	3 137 201,078	35,348	34,886	55	52	90 561	26 635,510	466 160,676	17,501	17,039
6	3	99 169	86 775,528	3 048 450,294	35,130	34,668	56	53	89 702	25 802,114	439 525,166	17,034	16,572
7	4	99 148	84 847,594	2 961 674,766	34,906	34,444	57	54	88 780	24 975,088	413 723,052	16,565	16,103
8	5	99 128	82 963,807	2 876 827,172	34,676	34,214	58	55	87 785	24 151,687	388 747,964	16,096	15,634
9	6	99 109	81 123,238	2 793 863,365	34,440	33,978	59	56	86 705	23 329,555	364 596,278	15,628	15,166
10	7	99 093	79 324,991	2 712 740,127	34,198	33,736	60	57	85 553	22 513,209	341 266,723	15,159	14,696
11	8	99 076	77 565,862	2 633 415,136	33,951	33,489	61	58	84 326	21 701,921	318 753,514	14,688	14,226
12	9	99 060	75 846,938	2 555 849,274	33,697	33,235	62	59	83 016	20 894,797	297 051,594	14,217	13,755
13	10	99 042	74 164,563	2 480 002,336	33,439	32,977	63	60	81 634	20 094,685	276 156,797	13,743	13,281
14	11	99 024	72 519,389	2 405 837,774	33,175	32,713	64	61	80 167	19 299,453	256 062,112	13,268	12,806
15	12	99 001	70 907,292	2 333 318,384	32,907	32,445	65	62	78 583	18 501,774	236 762,659	12,797	12,335
16	13	98 976	69 329,058	2 262 411,092	32,633	32,171	66	63	76 911	17 709,743	218 260,884	12,324	11,862
17	14	98 941	67 779,799	2 193 082,035	32,356	31,894	67	64	75 130	16 918,780	200 551,141	11,854	11,392
18	15	98 897	66 258,672	2 125 302,235	32,076	31,614	68	65	73 244	16 131,199	183 632,361	11,384	10,922
19	16	98 837	64 761,310	2 059 043,563	31,794	31,332	69	66	71 280	15 353,292	167 501,163	10,910	10,448
20	17	98 773	63 295,552	1 994 282,253	31,507	31,045	70	67	69 191	14 575,225	152 147,871	10,439	9,977
21	18	98 704	61 859,516	1 930 986,700	31,216	30,754	71	68	66 998	13 802,737	137 572,646	9,967	9,505
22	19	98 628	60 451,799	1 869 127,184	30,919	30,457	72	69	64 693	13 034,689	123 769,909	9,495	9,033
23	20	98 556	59 077,944	1 808 675,385	30,615	30,153	73	70	62 271	12 270,555	110 735,219	9,024	8,562
24	21	98 482	57 734,915	1 749 597,441	30,304	29,842	74	71	59 711	11 507,225	98 464,664	8,557	8,095
25	22	98 407	56 421,059	1 691 862,526	29,986	29,524	75	72	56 946	10 732,852	86 957,439	8,102	7,640
26	23	98 330	55 136,833	1 635 441,467	29,662	29,199	76	73	54 021	9 957,428	76 224,587	7,655	7,193
27	24	98 251	53 879,903	1 580 304,635	29,330	28,868	77	74	50 930	9 181,263	66 267,159	7,218	6,756
28	25	98 169	52 650,283	1 526 424,732	28,992	28,530	78	75	47 646	8 400,219	57 085,896	6,796	6,334
29	26	98 088	51 449,457	1 473 774,449	28,645	28,183	79	76	44 161	7 614,462	48 685,677	6,394	5,932
30	27	98 001	50 272,329	1 422 324,992	28,292	27,830	80	77	40 544	6 836,965	41 071,215	6,007	5,545
31	28	97 912	49 121,431	1 372 052,663	27,932	27,470	81	78	36 856	6 078,226	34 234,250	5,632	5,170
32	29	97 817	47 994,090	1 322 931,233	27,564	27,102	82	79	33 075	5 334,661	28 156,024	5,278	4,816
33	30	97 717	46 890,024	1 274 937,142	27,190	26,728	83	80	29 314	4 623,976	22 821,363	4,935	4,473
34	31	97 615	45 810,240	1 228 047,118	26,807	26,345	84	81	25 620	3 952,433	18 197,387	4,604	4,142
35	32	97 508	44 753,134	1 182 236,878	26,417	25,955	85	82	22 005	3 320,010	14 244,954	4,291	3,829
36	33	97 391	43 716,079	1 137 483,744	26,020	25,558	86	83	18 533	2 734,621	10 924,945	3,995	3,533
37	34	97 270	42 700,833	1 093 767,665	25,615	25,153	87	84	15 270	2 203,633	8 190,323	3,717	3,255
38	35	97 136	41 703,857	1 051 066,832	25,203	24,741	88	85	12 250	1 728,893	5 986,690	3,463	3,001
39	36	96 991	40 725,132	1 009 362,974	24,785	24,323	89	86	9 570	1 320,907	4 257,797	3,223	2,761
40	37	96 834	39 764,351	968 637,842	24,359	23,897	90	87	7 218	974,397	2 936,890	3,014	2,552
41	38	96 658	38 818,724	928 873,491	23,928	23,466	91	88	5 304	700,204	1 962,493	2,803	2,341
42	39	96 472	37 891,422	890 054,767	23,490	23,028	92	89	3 725	480,952	1 262,288	2,625	2,163
43	40	96 260	36 976,472	852 163,345	23,046	22,584	93	90	2 506	316,440	781,337	2,469	2,007
44	41	96 021	36 072,829	815 186,873	22,598	22,136	94	91	1 621	200,191	464,897	2,322	1,860
45	42	95 753	35 180,646	779 114,044	22,146	21,684	95	92	995	120,177	264,706	2,203	1,741
46	43	95 456	34 299,733	743 933,398	21,689	21,227	96	93	587	69,284	144,529	2,086	1,624
47	44	95 122	33 427,734	709 633,665	21,229	20,767	97	94	329	37,990	75,245	1,981	1,519
48	45	94 741	32 561,176	676 205,931	20,767	20,305	98	95	175	19,759	37,256	1,885	1,423
49	46	94 318	31 702,248	643 644,755	20,303	19,841	99	96	88	9,723	17,496	1,799	1,337
							100	97	42	4,515	7,773	1,722	1,260

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	46	93 980	30 893,528	617 030,270	19,973	19,511
1							51	47	93 472	30 050,437	586 136,742	19,505	19,043
2							52	48	92 877	29 202,312	556 086,305	19,043	18,581
3							53	49	92 249	28 366,494	526 883,994	18,574	18,112
4	0	99 548	91 070,810	3 234 025,509	35,511	35,049	54	50	91 551	27 532,394	498 517,499	18,107	17,645
5	1	99 221	88 774,217	3 142 954,699	35,404	34,942	55	51	90 784	26 700,841	470 985,106	17,639	17,177
6	2	99 184	86 788,455	3 054 180,482	35,191	34,729	56	52	89 949	25 873,145	444 284,264	17,172	16,710
7	3	99 159	84 857,076	2 967 392,027	34,969	34,507	57	53	89 048	25 050,403	418 411,119	16,703	16,241
8	4	99 140	82 973,695	2 882 534,952	34,740	34,278	58	54	88 066	24 229,007	393 360,716	16,235	15,773
9	5	99 119	81 131,439	2 799 561,256	34,506	34,044	59	55	87 013	23 412,509	369 131,710	15,766	15,304
10	6	99 102	79 331,900	2 718 429,817	34,267	33,805	60	56	85 877	22 598,455	345 719,200	15,298	14,836
11	7	99 084	77 572,520	2 639 097,918	34,021	33,559	61	57	84 664	21 789,002	323 120,746	14,830	14,368
12	8	99 067	75 852,524	2 561 525,398	33,770	33,308	62	58	83 384	20 987,400	301 331,744	14,358	13,896
13	9	99 049	74 169,679	2 485 672,874	33,513	33,051	63	59	82 021	20 190,023	280 344,344	13,885	13,423
14	10	99 031	72 524,536	2 411 503,195	33,251	32,789	64	60	80 602	19 404,029	260 154,321	13,407	12,945
15	11	99 009	70 912,963	2 338 978,659	32,984	32,522	65	61	79 037	18 608,713	240 750,293	12,938	12,475
16	12	98 984	69 334,639	2 268 065,696	32,712	32,250	66	62	77 400	17 822,159	222 141,580	12,464	12,002
17	13	98 950	67 785,871	2 198 731,057	32,436	31,974	67	63	75 639	17 033,550	204 319,421	11,995	11,533
18	14	98 908	66 265,855	2 130 945,186	32,158	31,695	68	64	73 786	16 250,631	187 285,871	11,525	11,063
19	15	98 849	64 769,458	2 064 679,331	31,877	31,415	69	65	71 842	15 474,143	171 035,240	11,053	10,591
20	16	98 788	63 305,293	1 999 909,873	31,592	31,129	70	66	69 788	14 700,981	155 561,097	10,582	10,120
21	17	98 720	61 869,444	1 936 604,580	31,301	30,839	71	67	67 615	13 929,950	140 860,116	10,112	9,650
22	18	98 651	60 465,610	1 874 735,136	31,005	30,543	72	68	65 328	13 162,505	126 930,166	9,643	9,181
23	19	98 576	59 090,148	1 814 269,525	30,703	30,241	73	69	62 940	12 402,287	113 767,661	9,173	8,711
24	20	98 504	57 747,735	1 755 179,377	30,394	29,932	74	70	60 412	11 642,331	101 365,374	8,707	8,245
25	21	98 427	56 432,869	1 697 431,642	30,079	29,617	75	71	57 689	10 872,864	89 723,044	8,252	7,790
26	22	98 353	55 149,204	1 640 998,773	29,756	29,294	76	72	54 814	10 103,707	78 850,180	7,804	7,342
27	23	98 273	53 892,221	1 585 849,568	29,426	28,964	77	73	51 772	9 333,030	68 746,473	7,366	6,904
28	24	98 189	52 660,928	1 531 957,347	29,091	28,629	78	74	48 550	8 559,490	59 413,443	6,941	6,479
29	25	98 110	51 460,777	1 479 296,419	28,746	28,284	79	75	45 130	7 781,436	50 853,954	6,535	6,073
30	26	98 024	50 284,229	1 427 835,642	28,395	27,933	80	76	41 562	7 008,626	43 072,518	6,146	5,684
31	27	97 938	49 134,631	1 377 551,413	28,036	27,574	81	77	37 907	6 251,542	36 063,892	5,769	5,307
32	28	97 842	48 006,230	1 328 416,782	27,672	27,210	82	78	34 171	5 511,402	29 812,350	5,409	4,947
33	29	97 745	46 903,482	1 280 410,552	27,299	26,837	83	79	30 418	4 798,178	24 300,948	5,065	4,603
34	30	97 642	45 823,209	1 233 507,071	26,919	26,457	84	80	26 737	4 124,704	19 502,770	4,728	4,266
35	31	97 537	44 766,654	1 187 683,861	26,531	26,069	85	81	23 105	3 485,905	15 378,066	4,411	3,949
36	32	97 426	43 731,581	1 142 917,207	26,135	25,673	86	82	19 614	2 894,221	11 892,161	4,109	3,647
37	33	97 306	42 716,452	1 099 185,626	25,732	25,270	87	83	16 292	2 351,073	8 997,940	3,827	3,365
38	34	97 178	41 721,580	1 056 469,174	25,322	24,860	88	84	13 205	1 863,666	6 646,868	3,567	3,105
39	35	97 030	40 741,337	1 014 747,594	24,907	24,445	89	85	10 433	1 440,081	4 783,202	3,321	2,859
40	36	96 880	39 783,257	974 006,257	24,483	24,021	90	86	7 969	1 075,758	3 343,121	3,108	2,646
41	37	96 709	38 839,452	934 223,000	24,053	23,591	91	87	5 948	785,239	2 267,363	2,887	2,425
42	38	96 525	37 912,529	895 383,548	23,617	23,155	92	88	4 244	547,960	1 482,124	2,705	2,243
43	39	96 324	37 000,950	857 471,019	23,174	22,712	93	89	2 919	368,604	934,164	2,534	2,072
44	40	96 089	36 098,323	820 470,070	22,729	22,267	94	90	1 918	236,855	565,561	2,388	1,926
45	41	95 830	35 208,865	784 371,747	22,278	21,816	95	91	1 210	146,145	328,706	2,249	1,787
46	42	95 541	34 330,290	749 162,882	21,822	21,360	96	92	723	85,454	182,561	2,136	1,674
47	43	95 220	33 461,997	714 832,592	21,363	20,901	97	93	415	47,921	97,107	2,026	1,564
48	44	94 848	32 597,788	681 370,594	20,902	20,440	98	94	226	25,525	49,185	1,927	1,465
49	45	94 437	31 742,537	648 772,806	20,439	19,977	99	95	117	12,880	23,660	1,837	1,375
							100	96	57	6,140	10,781	1,756	1,294

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß 2,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	45	94 099	30 932,789	621 720,178	20,099	19,637
1							51	46	93 604	30 092,841	590 787,389	19,632	19,170
2							52	47	93 029	29 250,139	560 694,549	19,169	18,707
3							53	48	92 412	28 416,747	531 444,410	18,702	18,240
4							54	49	91 740	27 589,163	503 027,662	18,233	17,771
5	0	99 535	89 054,979	3 148 536,444	35,355	34,893	55	50	90 984	26 759,793	475 438,500	17,767	17,305
6	1	99 210	86 811,370	3 059 481,465	35,243	34,781	56	51	90 169	25 936,607	448 678,707	17,299	16,837
7	2	99 174	84 869,716	2 972 670,095	35,026	34,564	57	52	89 293	25 119,365	422 742,100	16,829	16,367
8	3	99 151	82 982,967	2 887 800,379	34,800	34,338	58	53	88 332	24 302,072	397 622,735	16,362	15,900
9	4	99 131	81 141,109	2 804 817,411	34,567	34,105	59	54	87 291	23 487,463	373 320,663	15,894	15,432
10	5	99 112	79 339,919	2 723 676,302	34,329	33,867	60	55	86 183	22 678,810	349 833,200	15,426	14,964
11	6	99 093	77 579,276	2 644 336,383	34,086	33,624	61	56	84 985	21 871,506	327 154,391	14,958	14,496
12	7	99 076	75 859,034	2 566 757,107	33,836	33,374	62	57	83 719	21 071,614	305 282,885	14,488	14,026
13	8	99 056	74 175,142	2 490 898,073	33,581	33,119	63	58	82 385	20 279,502	284 211,272	14,015	13,553
14	9	99 038	72 529,540	2 416 722,931	33,321	32,859	64	59	80 984	19 496,090	263 931,769	13,538	13,076
15	10	99 016	70 917,996	2 344 193,391	33,055	32,593	65	60	79 466	18 709,545	244 435,680	13,065	12,603
16	11	98 992	69 340,184	2 273 275,395	32,784	32,322	66	61	77 847	17 925,170	225 726,134	12,593	12,131
17	12	98 958	67 791,328	2 203 935,211	32,511	32,049	67	62	76 119	17 141,673	207 800,965	12,123	11,661
18	13	98 916	66 271,791	2 136 143,883	32,233	31,771	68	63	74 287	16 360,868	190 659,292	11,653	11,191
19	14	98 860	64 776,479	2 069 872,092	31,954	31,492	69	64	72 373	15 588,711	174 298,423	11,181	10,719
20	15	98 801	63 313,258	2 005 095,613	31,669	31,207	70	65	70 337	14 816,698	158 709,712	10,712	10,250
21	16	98 735	61 878,966	1 941 782,356	31,380	30,918	71	66	68 199	14 050,138	143 893,014	10,241	9,779
22	17	98 667	60 475,315	1 879 903,390	31,085	30,623	72	67	65 930	13 283,817	129 842,876	9,775	9,313
23	18	98 599	59 103,648	1 819 428,075	30,784	30,322	73	68	63 557	12 523,902	116 559,059	9,307	8,845
24	19	98 525	57 759,664	1 760 324,427	30,477	30,015	74	69	61 061	11 767,317	104 035,158	8,841	8,379
25	20	98 449	56 445,400	1 702 564,762	30,163	29,701	75	70	58 366	11 000,522	92 267,840	8,388	7,926
26	21	98 373	55 160,749	1 646 119,363	29,842	29,380	76	71	55 529	10 235,512	81 267,318	7,940	7,478
27	22	98 295	53 904,314	1 590 958,614	29,514	29,052	77	72	52 533	9 470,136	71 031,807	7,501	7,039
28	23	98 211	52 672,968	1 537 054,300	29,181	28,719	78	73	49 352	8 700,978	61 561,671	7,075	6,613
29	24	98 130	51 471,182	1 484 381,332	28,839	28,377	79	74	45 985	7 928,975	52 860,693	6,667	6,205
30	25	98 045	50 295,293	1 432 910,150	28,490	28,028	80	75	42 474	7 162,314	44 931,719	6,273	5,811
31	26	97 961	49 146,262	1 382 614,857	28,133	27,671	81	76	38 858	6 408,504	37 769,404	5,894	5,432
32	27	97 868	48 019,130	1 333 468,595	27,770	27,308	82	77	35 145	5 668,556	31 360,900	5,532	5,070
33	28	97 770	46 915,345	1 285 449,465	27,399	26,937	83	78	31 426	4 957,145	25 692,345	5,183	4,721
34	29	97 670	45 836,361	1 238 534,120	27,021	26,559	84	79	27 744	4 280,096	20 735,200	4,845	4,383
35	30	97 565	44 779,328	1 192 697,759	26,635	26,173	85	80	24 112	3 637,842	16 455,103	4,523	4,061
36	31	97 455	43 744,793	1 147 918,431	26,241	25,779	86	81	20 595	3 038,841	12 817,262	4,218	3,756
37	32	97 340	42 731,599	1 104 173,638	25,840	25,378	87	82	17 243	2 488,287	9 778,421	3,930	3,468
38	33	97 213	41 736,840	1 061 442,039	25,432	24,970	88	83	14 089	1 988,359	7 290,133	3,666	3,204
39	34	97 071	40 758,651	1 019 705,199	25,018	24,556	89	84	11 247	1 552,339	5 301,775	3,415	2,953
40	35	96 918	39 799,087	978 946,548	24,597	24,135	90	85	8 688	1 172,814	3 749,435	3,197	2,735
41	36	96 755	38 857,918	939 147,461	24,169	23,707	91	86	6 567	866,923	2 576,622	2,972	2,510
42	37	96 577	37 932,773	900 289,543	23,734	23,272	92	87	4 759	614,506	1 709,699	2,782	2,320
43	38	96 378	37 021,560	862 356,770	23,293	22,831	93	88	3 326	419,959	1 095,193	2,608	2,146
44	39	96 152	36 122,219	825 335,210	22,848	22,386	94	89	2 234	275,899	675,234	2,447	1,985
45	40	95 898	35 233,748	789 212,991	22,399	21,937	95	90	1 432	172,911	399,335	2,309	1,847
46	41	95 618	34 357,828	753 979,242	21,945	21,483	96	91	880	103,919	226,424	2,179	1,717
47	42	95 305	33 491,808	719 621,415	21,486	21,024	97	92	512	59,106	122,505	2,073	1,611
48	43	94 945	32 631,201	686 129,607	21,027	20,565	98	93	285	32,198	63,399	1,969	1,507
49	44	94 544	31 778,228	653 498,406	20,564	20,102	99	94	151	16,638	31,201	1,875	1,413
							100	95	75	8,133	14,563	1,791	1,328

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	44	94 205	30 967,570	626 035,957	20,216	19,754
1							51	45	93 723	30 131,084	595 068,387	19,749	19,287
2							52	46	93 161	29 291,414	564 937,303	19,287	18,825
3							53	47	92 564	28 463,288	535 645,889	18,819	18,357
4							54	48	91 902	27 638,039	507 182,601	18,351	17,889
5							55	49	91 172	26 814,969	479 544,562	17,883	17,421
6	0	99 524	87 085,924	3 064 633,857	35,191	34,729	56	50	90 368	25 993,871	452 729,593	17,417	16,955
7	1	99 200	84 892,125	2 977 547,933	35,074	34,612	57	51	89 512	25 180,977	426 735,722	16,947	16,485
8	2	99 165	82 995,329	2 892 655,808	34,853	34,391	58	52	88 575	24 368,974	401 554,745	16,478	16,016
9	3	99 142	81 150,176	2 809 660,479	34,623	34,161	59	53	87 555	23 558,292	377 185,771	16,011	15,549
10	4	99 124	79 349,376	2 728 510,303	34,386	33,924	60	54	86 458	22 751,414	353 627,479	15,543	15,081
11	5	99 103	77 587,118	2 649 160,927	34,144	33,682	61	55	85 287	21 949,276	330 876,065	15,075	14,613
12	6	99 084	75 865,642	2 571 573,809	33,896	33,434	62	56	84 036	21 151,401	308 926,789	14,606	14,143
13	7	99 065	74 181,509	2 495 708,167	33,643	33,181	63	57	82 715	20 360,876	287 775,388	14,134	13,672
14	8	99 045	72 534,881	2 421 526,659	33,384	32,922	64	58	81 343	19 582,494	267 414,512	13,656	13,194
15	9	99 023	70 922,888	2 348 991,777	33,120	32,658	65	59	79 843	18 798,311	247 832,019	13,184	12,722
16	10	98 999	69 345,106	2 278 068,889	32,851	32,389	66	60	78 269	18 022,298	229 033,708	12,708	12,246
17	11	98 966	67 796,750	2 208 723,783	32,579	32,117	67	61	76 559	17 240,751	211 011,409	12,239	11,777
18	12	98 924	66 277,126	2 140 927,033	32,303	31,841	68	62	74 758	16 464,722	193 770,659	11,769	11,307
19	13	98 869	64 782,282	2 074 649,907	32,025	31,563	69	63	72 864	15 694,458	177 305,936	11,297	10,835
20	14	98 812	63 320,121	2 009 867,625	31,741	31,279	70	64	70 858	14 926,398	161 611,479	10,827	10,365
21	15	98 748	61 886,751	1 946 547,505	31,453	30,991	71	65	68 736	14 160,732	146 685,081	10,359	9,897
22	16	98 682	60 484,622	1 884 660,754	31,159	30,697	72	66	66 499	13 398,431	132 524,349	9,891	9,429
23	17	98 614	59 113,134	1 824 176,132	30,859	30,397	73	67	64 143	12 639,328	119 125,918	9,425	8,963
24	18	98 547	57 772,860	1 765 062,998	30,552	30,090	74	68	61 660	11 882,706	106 486,590	8,961	8,499
25	19	98 469	56 457,060	1 707 290,138	30,241	29,778	75	69	58 993	11 118,619	94 603,884	8,509	8,047
26	20	98 395	55 172,997	1 650 833,078	29,921	29,459	76	70	56 181	10 355,686	83 485,266	8,062	7,600
27	21	98 316	53 915,598	1 595 660,081	29,596	29,134	77	71	53 218	9 593,675	73 129,579	7,623	7,161
28	22	98 233	52 684,787	1 541 744,483	29,264	28,802	78	72	50 077	8 828,799	63 535,904	7,196	6,734
29	23	98 152	51 482,950	1 489 059,696	28,923	28,461	79	73	46 745	8 060,040	54 707,105	6,787	6,325
30	24	98 065	50 305,462	1 437 576,747	28,577	28,115	80	74	43 279	7 298,114	46 647,065	6,392	5,930
31	25	97 983	49 157,075	1 387 271,285	28,221	27,759	81	75	39 711	6 549,033	39 348,951	6,008	5,546
32	26	97 891	48 030,497	1 338 114,210	27,860	27,398	82	76	36 027	5 810,880	32 799,918	5,645	5,183
33	27	97 796	46 927,952	1 290 083,712	27,491	27,029	83	77	32 322	5 098,494	26 989,037	5,294	4,832
34	28	97 695	45 847,954	1 243 155,760	27,115	26,653	84	78	28 663	4 421,899	21 890,543	4,950	4,488
35	29	97 593	44 792,180	1 197 307,805	26,730	26,268	85	79	25 020	3 774,893	17 468,644	4,628	4,166
36	30	97 483	43 757,178	1 152 515,625	26,339	25,877	86	80	21 492	3 171,291	13 693,752	4,318	3,856
37	31	97 370	42 744,509	1 108 758,448	25,939	25,477	87	81	18 104	2 612,623	10 522,460	4,028	3,566
38	32	97 248	41 751,640	1 066 013,939	25,532	25,070	88	82	14 911	2 104,405	7 909,837	3,759	3,297
39	33	97 106	40 773,559	1 024 262,299	25,121	24,659	89	83	11 999	1 656,202	5 805,432	3,505	3,043
40	34	96 959	39 816,000	983 488,740	24,701	24,239	90	84	9 365	1 264,238	4 149,230	3,282	2,820
41	35	96 794	38 873,380	943 672,740	24,276	23,814	91	85	7 159	945,137	2 884,992	3,052	2,590
42	36	96 623	37 950,808	904 799,360	23,841	23,379	92	86	5 254	678,429	1 939,855	2,859	2,397
43	37	96 429	37 041,329	866 848,552	23,402	22,940	93	87	3 730	470,960	1 261,426	2,678	2,216
44	38	96 206	36 142,340	829 807,224	22,959	22,497	94	88	2 545	314,339	790,465	2,515	2,053
45	39	95 961	35 257,073	793 664,884	22,511	22,049	95	89	1 668	201,415	476,127	2,364	1,902
46	40	95 685	34 382,109	758 407,811	22,058	21,596	96	90	1 041	122,951	274,712	2,234	1,772
47	41	95 381	33 518,673	724 025,702	21,601	21,139	97	91	622	71,877	151,761	2,111	1,649
48	42	95 030	32 660,271	690 507,029	21,142	20,680	98	92	352	39,713	79,883	2,012	1,549
49	43	94 641	31 810,801	657 846,758	20,680	20,218	99	93	190	20,988	40,170	1,914	1,452
							100	94	97	10,507	19,183	1,826	1,364

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	43	94 301	30 999,311	630 002,550	20,323	19,861
1							51	44	93 828	30 164,964	599 003,238	19,858	19,396
2							52	45	93 279	29 328,639	568 838,274	19,395	18,933
3							53	46	92 694	28 503,453	539 509,636	18,928	18,466
4							54	47	92 053	27 683,304	511 006,183	18,459	17,997
5							55	48	91 333	26 862,473	483 322,879	17,992	17,530
6							56	49	90 555	26 047,468	456 460,406	17,524	17,062
7	0	99 513	85 160,610	2 982 300,245	35,020	34,558	57	50	89 710	25 236,574	430 412,938	17,055	16,593
8	1	99 192	83 017,242	2 897 139,635	34,898	34,436	58	51	88 792	24 428,746	405 176,364	16,586	16,124
9	2	99 157	81 162,265	2 814 122,393	34,673	34,211	59	52	87 796	23 623,146	380 747,618	16,118	15,656
10	3	99 135	79 358,243	2 732 960,128	34,438	33,976	60	53	86 719	22 820,024	357 124,472	15,650	15,188
11	4	99 115	77 596,366	2 653 601,885	34,198	33,735	61	54	85 560	22 019,545	334 304,449	15,182	14,720
12	5	99 094	75 873,310	2 576 005,519	33,951	33,489	62	55	84 335	21 226,610	312 284,904	14,712	14,250
13	6	99 073	74 187,970	2 500 132,209	33,700	33,238	63	56	83 028	20 437,972	291 058,293	14,241	13,779
14	7	99 054	72 541,107	2 425 944,239	33,442	32,980	64	57	81 669	19 661,070	270 620,321	13,764	13,302
15	8	99 030	70 928,112	2 353 403,132	33,180	32,718	65	58	80 196	18 881,623	250 959,251	13,291	12,829
16	9	99 005	69 349,890	2 282 475,020	32,912	32,450	66	59	78 640	18 107,804	232 077,628	12,816	12,354
17	10	98 973	67 801,562	2 213 125,130	32,641	32,179	67	60	76 974	17 334,171	213 969,824	12,344	11,882
18	11	98 932	66 282,427	2 145 323,568	32,366	31,904	68	61	75 190	16 559,887	196 635,654	11,874	11,412
19	12	98 877	64 787,497	2 079 041,142	32,090	31,628	69	62	73 327	15 794,081	180 075,767	11,401	10,939
20	13	98 820	63 325,793	2 014 253,645	31,808	31,346	70	63	71 338	15 027,652	164 281,685	10,932	10,470
21	14	98 758	61 893,459	1 950 927,851	31,521	31,059	71	64	69 244	14 265,575	149 254,033	10,463	10,001
22	15	98 694	60 492,231	1 889 034,392	31,228	30,766	72	65	67 022	13 503,895	134 988,458	9,996	9,534
23	16	98 630	59 122,232	1 828 542,161	30,928	30,466	73	66	64 696	12 748,381	121 484,563	9,529	9,067
24	17	98 563	57 782,133	1 769 419,930	30,622	30,160	74	67	62 228	11 992,223	108 736,183	9,067	8,605
25	18	98 492	56 469,959	1 711 637,797	30,311	29,849	75	68	59 571	11 227,646	96 743,960	8,617	8,155
26	19	98 415	55 184,395	1 655 167,838	29,993	29,531	76	69	56 784	10 466,860	85 516,314	8,170	7,708
27	20	98 338	53 927,569	1 599 983,444	29,669	29,207	77	70	53 843	9 706,314	75 049,454	7,732	7,270
28	21	98 254	52 695,815	1 546 055,875	29,339	28,877	78	71	50 730	8 943,972	65 343,140	7,306	6,844
29	22	98 174	51 494,501	1 493 360,059	29,000	28,538	79	72	47 432	8 178,446	56 399,167	6,896	6,434
30	23	98 088	50 316,963	1 441 865,558	28,656	28,194	80	73	43 994	7 418,752	48 220,722	6,500	6,038
31	24	98 002	49 167,014	1 391 548,594	28,302	27,840	81	74	40 463	6 673,205	40 801,970	6,114	5,652
32	25	97 913	48 041,065	1 342 381,581	27,942	27,480	82	75	36 818	5 938,304	34 128,765	5,747	5,285
33	26	97 819	46 939,061	1 294 340,515	27,575	27,113	83	76	33 133	5 226,506	28 190,461	5,394	4,932
34	27	97 721	45 860,275	1 247 401,454	27,200	26,738	84	77	29 481	4 547,986	22 963,955	5,049	4,587
35	28	97 618	44 803,510	1 201 541,179	26,818	26,356	85	78	25 849	3 899,957	18 415,969	4,722	4,260
36	29	97 511	43 769,736	1 156 737,670	26,428	25,966	86	79	22 302	3 290,766	14 516,011	4,411	3,949
37	30	97 397	42 756,610	1 112 967,934	26,030	25,568	87	80	18 894	2 726,497	11 225,245	4,117	3,655
38	31	97 277	41 764,254	1 070 211,323	25,625	25,163	88	81	15 656	2 209,558	8 498,749	3,846	3,384
39	32	97 141	40 788,017	1 028 447,069	25,214	24,752	89	82	12 699	1 752,863	6 289,190	3,588	3,126
40	33	96 995	39 830,563	987 659,052	24,797	24,334	90	83	9 992	1 348,825	4 536,328	3,363	2,901
41	34	96 835	38 889,899	947 828,489	24,372	23,910	91	84	7 717	1 018,813	3 187,503	3,129	2,667
42	35	96 661	37 965,909	908 938,589	23,941	23,479	92	85	5 729	739,638	2 168,689	2,932	2,470
43	36	96 475	37 058,939	870 972,681	23,502	23,040	93	86	4 118	519,952	1 429,051	2,748	2,286
44	37	96 257	36 161,639	833 913,741	23,061	22,599	94	87	2 854	352,513	909,100	2,579	2,117
45	38	96 015	35 276,712	797 752,102	22,614	22,152	95	88	1 900	229,477	556,587	2,425	1,963
46	39	95 749	34 404,870	762 475,390	22,162	21,700	96	89	1 212	143,219	327,110	2,284	1,822
47	40	95 449	33 542,361	728 070,520	21,706	21,244	97	90	736	85,041	183,891	2,162	1,700
48	41	95 106	32 686,469	694 528,159	21,248	20,786	98	91	427	48,294	98,850	2,047	1,585
49	42	94 725	31 839,140	661 841,690	20,787	20,325	99	92	234	25,886	50,555	1,953	1,491
							100	93	123	13,254	24,670	1,861	1,399

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	42	94 385	31 026 928	633 643 226	20,422	19,960
1							51	43	93 924	30 195 883	602 616 298	19,957	19,495
2							52	44	93 384	29 361 616	572 420 416	19,496	19,034
3							53	45	92 812	28 539 676	543 058 799	19,028	18,566
4							54	46	92 183	27 722 368	514 519 123	18,560	18,098
5							55	47	91 483	26 906 469	486 796 755	18,092	17,630
6							56	48	90 715	26 093 612	459 890 287	17,625	17,163
7							57	49	89 895	25 288 609	433 796 674	17,154	16,692
8	0	99 505	83 279 798	2 901 520 455	34,841	34,379	58	50	88 988	24 482 681	408 508 066	16,686	16,224
9	1	99 183	81 183 694	2 818 240 657	34,714	34,252	59	51	88 011	23 681 089	384 025 384	16,217	15,755
10	2	99 149	79 370 064	2 737 056 963	34,485	34,023	60	52	86 958	22 882 846	360 344 296	15,747	15,285
11	3	99 126	77 605 037	2 657 686 899	34,246	33,784	61	53	85 818	22 085 947	337 461 450	15,279	14,817
12	4	99 106	75 882 354	2 580 081 861	34,001	33,539	62	54	84 605	21 294 566	315 375 503	14,810	14,348
13	5	99 083	74 195 469	2 504 199 507	33,751	33,289	63	55	83 324	20 510 645	294 080 937	14,338	13,876
14	6	99 062	72 547 426	2 430 004 038	33,495	33,033	64	56	81 979	19 735 517	273 570 292	13,862	13,400
15	7	99 039	70 934 200	2 357 456 613	33,234	32,772	65	57	80 518	18 957 387	253 834 775	13,390	12,928
16	8	99 013	69 354 997	2 286 522 413	32,968	32,506	66	58	78 989	18 188 055	234 877 388	12,914	12,452
17	9	98 980	67 806 239	2 217 167 416	32,699	32,237	67	59	77 339	17 416 411	216 689 333	12,442	11,980
18	10	98 939	66 287 131	2 149 361 176	32,425	31,963	68	60	75 598	16 649 618	199 272 922	11,969	11,507
19	11	98 885	64 792 678	2 083 074 045	32,150	31,688	69	61	73 751	15 885 370	182 623 304	11,496	11,034
20	12	98 828	63 330 891	2 018 281 367	31,869	31,407	70	62	71 791	15 123 043	166 737 934	11,025	10,563
21	13	98 767	61 899 004	1 954 950 476	31,583	31,121	71	63	69 714	14 362 347	151 614 891	10,556	10,094
22	14	98 705	60 498 789	1 893 051 472	31,291	30,829	72	64	67 518	13 603 875	137 252 544	10,089	9,627
23	15	98 642	59 129 669	1 832 552 683	30,992	30,530	73	65	65 205	12 848 728	123 648 669	9,623	9,161
24	16	98 508	57 791 025	1 773 423 014	30,687	30,225	74	66	62 765	12 095 692	110 799 942	9,160	8,698
25	17	98 508	56 479 022	1 715 631 989	30,376	29,914	75	67	60 120	11 331 125	98 704 249	8,711	8,249
26	18	98 438	55 197 002	1 659 152 967	30,059	29,597	76	68	57 341	10 569 497	87 373 124	8,267	7,805
27	19	98 358	53 938 710	1 603 955 965	29,737	29,275	77	69	54 421	9 810 517	76 803 627	7,829	7,367
28	20	98 276	52 707 516	1 550 017 255	29,408	28,946	78	70	51 326	9 048 983	66 993 111	7,403	6,941
29	21	98 195	51 505 281	1 497 309 739	29,071	28,609	79	71	48 051	8 285 135	57 944 127	6,994	6,532
30	22	98 110	50 328 253	1 445 804 458	28,727	28,265	80	72	44 641	7 527 737	49 658 993	6,597	6,135
31	23	98 025	49 178 255	1 395 476 205	28,376	27,914	81	73	41 132	6 783 513	42 131 256	6,211	5,749
32	24	97 932	48 050 778	1 346 297 950	28,018	27,556	82	74	37 516	6 050 896	35 347 743	5,842	5,380
33	25	97 841	46 949 389	1 298 247 171	27,652	27,190	83	75	33 860	5 341 115	29 296 847	5,485	5,023
34	26	97 744	45 871 131	1 251 297 782	27,279	26,817	84	76	30 221	4 662 176	23 955 731	5,138	4,676
35	27	97 644	44 815 549	1 205 426 651	26,898	26,435	85	77	26 586	4 011 162	19 293 555	4,810	4,348
36	28	97 536	43 780 807	1 160 611 102	26,510	26,048	86	78	23 041	3 399 791	15 282 394	4,495	4,033
37	29	97 425	42 768 882	1 116 830 295	26,113	25,651	87	79	19 605	2 829 214	11 882 603	4,200	3,738
38	30	97 305	41 776 078	1 074 061 413	25,710	25,248	88	80	16 338	2 305 864	9 053 389	3,926	3,464
39	31	97 170	40 800 340	1 032 285 335	25,301	24,839	89	81	13 334	1 840 450	6 747 524	3,666	3,204
40	32	97 029	39 844 687	991 484 996	24,884	24,422	90	82	10 575	1 427 546	4 907 074	3,437	2,975
41	33	96 871	38 904 124	951 640 308	24,461	23,999	91	83	8 233	1 086 980	3 479 528	3,201	2,739
42	34	96 702	37 982 043	912 736 184	24,031	23,569	92	84	6 175	797 295	2 392 549	3,001	2,539
43	35	96 514	37 073 686	874 754 142	23,595	23,133	93	85	4 489	566 862	1 595 254	2,814	2,352
44	36	96 303	36 178 832	837 680 456	23,154	22,692	94	86	3 151	389 182	1 028 392	2,642	2,180
45	37	96 066	35 295 548	801 501 624	22,708	22,246	95	87	2 131	257 345	639 209	2,484	2,022
46	38	95 802	34 424 034	766 206 076	22,258	21,796	96	88	1 381	163 173	381 864	2,340	1,878
47	39	95 512	33 564 566	731 782 042	21,802	21,340	97	89	858	99 060	218 691	2,208	1,746
48	40	95 173	32 709 570	698 217 476	21,346	20,884	98	90	506	57 139	119 631	2,094	1,632
49	41	94 801	31 864 680	665 507 906	20,885	20,423	99	91	285	31 479	62 492	1,985	1,523
							100	92	151	16 347	31 012	1,897	1,435

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9	0	99 497	81 440,450	2 822 277,615	34,654	34,192
10	1	99 176	79 391,021	2 740 837,164	34,523	34,061
11	2	99 140	77 616,597	2 661 446,144	34,290	33,828
12	3	99 117	75 890,834	2 583 829,546	34,047	33,585
13	4	99 095	74 204,313	2 507 938,712	33,798	33,336
14	5	99 072	72 554,759	2 433 734,400	33,543	33,081
15	6	99 047	70 940,378	2 361 179,641	33,284	32,822
16	7	99 021	69 360,950	2 290 239,263	33,019	32,557
17	8	98 987	67 811,233	2 220 878,313	32,751	32,289
18	9	98 946	66 291,704	2 153 067,079	32,479	32,017
19	10	98 892	64 797,277	2 086 775,375	32,205	31,743
20	11	98 836	63 335,956	2 021 978,098	31,925	31,463
21	12	98 775	61 903,987	1 958 642,142	31,640	31,178
22	13	98 714	60 504,208	1 896 738,155	31,349	30,887
23	14	98 653	59 136,079	1 836 233,947	31,051	30,589
24	15	98 590	57 798,296	1 777 097,868	30,747	30,285
25	16	98 523	56 487,714	1 719 299,572	30,437	29,975
26	17	98 454	55 205,861	1 662 811,858	30,120	29,658
27	18	98 381	53 951,033	1 607 605,997	29,798	29,335
28	19	98 296	52 718,404	1 553 654,964	29,471	29,009
29	20	98 216	51 516,717	1 500 936,560	29,135	28,673
30	21	98 130	50 338,789	1 449 419,843	28,793	28,331
31	22	98 047	49 189,290	1 399 081,054	28,443	27,981
32	23	97 955	48 061,764	1 349 891,764	28,087	27,625
33	24	97 860	46 958,881	1 301 830,000	27,723	27,261
34	25	97 766	45 881,224	1 254 871,119	27,350	26,888
35	26	97 667	44 826,158	1 208 989,895	26,971	26,509
36	27	97 562	43 792,572	1 164 163,737	26,584	26,122
37	28	97 450	42 779,700	1 120 371,165	26,189	25,727
38	29	97 333	41 788,068	1 077 591,465	25,787	25,325
39	30	97 198	40 811,891	1 035 803,398	25,380	24,918
40	31	97 059	39 856,725	994 991,507	24,964	24,502
41	32	96 905	38 917,919	955 134,782	24,542	24,080
42	33	96 738	37 995,935	916 216,863	24,114	23,652
43	34	96 555	37 089,440	878 220,927	23,678	23,216
44	35	96 341	36 193,228	841 131,487	23,240	22,778
45	36	96 112	35 312,329	804 938,259	22,795	22,333
46	37	95 853	34 442,415	769 625,930	22,345	21,883
47	38	95 565	33 583,262	735 183,514	21,891	21,429
48	39	95 236	32 731,223	701 600,252	21,435	20,973
49	40	94 868	31 887,199	668 869,029	20,976	20,514
50	41	94 461	31 051,816	636 981,830	20,514	20,051
51	42	94 008	30 222,784	605 930,014	20,049	19,587
52	43	93 480	29 391,712	575 707,230	19,587	19,125
53	44	92 917	28 571,767	546 315,519	19,121	18,659
54	45	92 300	27 757,599	517 743,752	18,652	18,190
55	46	91 612	26 944,436	489 986,153	18,185	17,723
56	47	90 864	26 136,349	463 041,717	17,716	17,254
57	48	90 054	25 333,409	436 905,368	17,246	16,784
58	49	89 171	24 533,162	411 571,959	16,776	16,314
59	50	88 205	23 733,373	387 038,798	16,308	15,846
60	51	87 171	22 938,973	363 305,424	15,838	15,376
61	52	86 054	22 146,748	340 366,452	15,369	14,907
62	53	84 860	21 358,782	318 219,703	14,899	14,437
63	54	83 590	20 576,308	296 860,921	14,427	13,965
64	55	82 270	19 805,692	276 284,613	13,950	13,488
65	56	80 823	19 029,169	256 478,922	13,478	13,016
66	57	79 306	18 261,036	237 449,752	13,003	12,541
67	58	77 682	17 493,599	219 188,716	12,530	12,068
68	59	75 957	16 728,610	201 695,117	12,057	11,595
69	60	74 150	15 971,446	184 966,507	11,581	11,119
70	61	72 206	15 210,453	168 995,061	11,110	10,648
71	62	70 157	14 453,514	153 784,608	10,640	10,178
72	63	67 976	13 696,158	139 331,094	10,173	9,711
73	64	65 688	12 943,857	125 634,936	9,706	9,244
74	65	63 259	12 190,902	112 691,079	9,244	8,782
75	66	60 639	11 428,891	100 500,177	8,794	8,332
76	67	57 870	10 666,910	89 071,286	8,350	7,888
77	68	54 955	9 906,717	78 404,375	7,914	7,452
78	69	51 877	9 146,129	68 497,658	7,489	7,027
79	70	48 615	8 382,410	59 351,529	7,080	6,618
80	71	45 223	7 625,937	50 969,119	6,684	6,222
81	72	41 737	6 883,165	43 343,182	6,297	5,835
82	73	38 136	6 150,918	36 460,016	5,928	5,466
83	74	34 502	5 442,385	30 309,099	5,569	5,107
84	75	30 884	4 764,410	24 866,714	5,219	4,757
85	76	27 253	4 111,873	20 102,304	4,889	4,427
86	77	23 698	3 496,734	15 990,431	4,573	4,111
87	78	20 255	2 922,948	12 493,697	4,274	3,812
88	79	16 954	2 392,735	9 570,749	4,000	3,538
89	80	13 915	1 920,668	7 178,014	3,737	3,275
90	81	11 104	1 498,878	5 257,346	3,508	3,046
91	82	8 714	1 150,419	3 758,468	3,267	2,805
92	83	6 588	850,640	2 608,050	3,066	2,604
93	84	4 839	611,051	1 757,410	2,876	2,414
94	85	3 436	424,295	1 146,359	2,702	2,240
95	86	2 352	284,115	722,065	2,541	2,079
96	87	1 549	182,989	437,949	2,393	1,931
97	88	977	112,862	254,960	2,259	1,797
98	89	589	66,558	142,098	2,135	1,673
99	90	337	37,245	75,540	2,028	1,566
100	91	184	19,879	38,295	1,926	1,464

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	40	94 528	31 073,761	640 040,865	20,597	20,135
1							51	41	94 083	30 247,027	608 967,104	20,133	19,671
2							52	42	93 563	29 417,896	578 720,078	19,672	19,210
3							53	43	93 012	28 601,052	549 302,181	19,206	18,744
4							54	44	92 404	27 788,810	520 701,129	18,738	18,276
5							55	45	91 728	26 978,678	492 912,319	18,270	17,808
6							56	46	90 992	26 173,229	465 933,641	17,802	17,340
7							57	47	90 201	25 374,900	439 760,411	17,331	16,869
8							58	48	89 329	24 576,624	414 385,511	16,861	16,399
9							59	49	88 387	23 782,309	389 808,887	16,391	15,929
10	0	99 489	79 642,107	2 744 556,679	34,461	33,999	60	50	87 364	22 989,619	366 026,578	15,921	15,459
11	1	99 167	77 637,091	2 664 914,572	34,325	33,863	61	51	86 265	22 201,070	343 036,960	15,451	14,989
12	2	99 132	75 902,139	2 587 277,481	34,087	33,625	62	52	85 093	21 417,581	320 835,890	14,980	14,518
13	3	99 106	74 212,605	2 511 375,342	33,840	33,378	63	53	83 842	20 638,358	299 418,309	14,508	14,046
14	4	99 084	72 563,407	2 437 162,737	33,587	33,125	64	54	82 534	19 869,098	278 779,950	14,031	13,569
15	5	99 057	70 947,549	2 364 599,330	33,329	32,867	65	55	81 110	19 096,833	258 910,852	13,558	13,096
16	6	99 030	69 366,991	2 293 651,781	33,065	32,603	66	56	79 606	18 330,182	239 814,020	13,083	12,621
17	7	98 995	67 817,054	2 224 284,790	32,798	32,336	67	57	77 994	17 563,793	221 483,838	12,610	12,148
18	8	98 953	66 296,587	2 156 467,736	32,528	32,066	68	58	76 293	16 802,749	203 920,045	12,136	11,674
19	9	98 899	64 801,747	2 090 171,149	32,255	31,793	69	59	74 502	16 047,221	187 117,295	11,660	11,198
20	10	98 843	63 340,451	2 025 369,402	31,976	31,514	70	60	72 597	15 292,872	171 070,074	11,186	10,724
21	11	98 783	61 908,938	1 962 028,951	31,692	31,230	71	61	70 562	14 537,054	155 777,202	10,716	10,254
22	12	98 722	60 509,079	1 900 120,013	31,402	30,940	72	62	68 408	13 783,097	141 240,148	10,247	9,785
23	13	98 661	59 141,377	1 839 610,934	31,105	30,643	73	63	66 134	13 031,663	127 457,051	9,781	9,319
24	14	98 601	57 804,561	1 780 469,557	30,802	30,340	74	64	63 727	12 281,161	114 425,388	9,317	8,855
25	15	98 535	56 494,820	1 722 664,996	30,492	30,030	75	65	61 116	11 518,852	102 144,227	8,868	8,406
26	16	98 469	55 214,357	1 666 170,176	30,176	29,714	76	66	58 369	10 758,945	90 625,375	8,423	7,961
27	17	98 396	53 959,692	1 610 955,819	29,855	29,393	77	67	55 461	9 998,022	79 866,430	7,988	7,526
28	18	98 318	52 730,449	1 556 996,127	29,527	29,065	78	68	52 386	9 235,814	69 868,408	7,565	7,103
29	19	98 237	51 527,360	1 504 265,678	29,194	28,732	79	69	49 137	8 472,400	60 632,594	7,156	6,694
30	20	98 152	50 349,966	1 452 738,319	28,853	28,391	80	70	45 754	7 715,473	52 160,194	6,760	6,298
31	21	98 067	49 199,587	1 402 388,353	28,504	28,042	81	71	42 281	6 972,957	44 444,720	6,374	5,912
32	22	97 977	48 072,548	1 353 188,766	28,149	27,687	82	72	38 696	6 241,277	37 471,763	6,004	5,542
33	23	97 883	46 969,618	1 305 116,218	27,786	27,324	83	73	35 072	5 532,347	31 230,486	5,645	5,183
34	24	97 786	45 890,500	1 258 146,600	27,416	26,954	84	74	31 469	4 854,745	25 698,138	5,293	4,831
35	25	97 688	44 836,021	1 212 256,100	27,038	26,576	85	75	27 851	4 202,040	20 843,393	4,960	4,498
36	26	97 585	43 802,938	1 167 420,079	26,652	26,190	86	76	24 293	3 584,529	16 641,353	4,643	4,181
37	27	97 476	42 791,195	1 123 617,140	26,258	25,796	87	77	20 832	3 006,293	13 056,824	4,343	3,881
38	28	97 357	41 798,637	1 080 825,945	25,858	25,396	88	78	17 515	2 472,008	10 050,531	4,066	3,604
39	29	97 226	40 823,604	1 039 027,308	25,452	24,990	89	79	14 439	1 993,027	7 578,523	3,803	3,341
40	30	97 086	39 868,009	998 203,704	25,038	24,576	90	80	11 588	1 564,208	5 585,496	3,571	3,109
41	31	96 934	38 929,677	958 335,695	24,617	24,155	91	81	9 149	1 207,903	4 021,289	3,329	2,867
42	32	96 772	38 009,409	919 406,018	24,189	23,727	92	82	6 973	900,285	2 813,385	3,125	2,663
43	33	96 590	37 103,007	881 396,609	23,755	23,293	93	83	5 163	651,934	1 913,100	2,934	2,472
44	34	96 382	36 208,609	844 293,603	23,317	22,855	94	84	3 704	457,370	1 261,165	2,757	2,295
45	35	96 150	35 326,381	808 084,994	22,875	22,413	95	85	2 565	309,748	803,796	2,595	2,133
46	36	95 899	34 458,791	772 758,614	22,426	21,964	96	86	1 710	202,025	494,047	2,445	1,983
47	37	95 616	33 601,195	738 299,823	21,972	21,510	97	87	1 096	126,568	292,022	2,307	1,845
48	38	95 289	32 749,455	704 698,628	21,518	21,056	98	88	671	75,832	165,455	2,182	1,720
49	39	94 931	31 908,308	671 949,173	21,059	20,597	99	89	393	43,384	89,623	2,066	1,604
							100	90	218	23,520	46,239	1,966	1,504

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	39	94 590	31 094,331	642 843,143	20,674	20,212
1							51	40	94 150	30 268,403	611 748,812	20,211	19,749
2							52	41	93 638	29 441,493	581 480,409	19,750	19,288
3							53	42	93 095	28 626,533	552 038,915	19,284	18,822
4							54	43	92 498	27 817,293	523 412,383	18,816	18,354
5							55	44	91 831	27 009,014	495 595,090	18,349	17,887
6							56	45	91 108	26 206,492	468 586,076	17,881	17,419
7							57	46	90 329	25 410,706	442 379,584	17,409	16,947
8							58	47	89 476	24 616,875	416 968,878	16,938	16,476
9							59	48	88 544	23 824,441	392 352,003	16,468	16,006
10							60	49	87 544	23 037,021	368 527,562	15,997	15,535
11	0	99 480	77 882,630	2 668 341,702	34,261	33,799	61	50	86 456	22 250,087	345 490,541	15,528	15,066
12	1	99 158	75 922,179	2 590 459,072	34,120	33,658	62	51	85 302	21 470,114	323 240,454	15,055	14,593
13	2	99 121	74 223,660	2 514 536,892	33,878	33,416	63	52	84 073	20 695,174	301 770,340	14,582	14,120
14	3	99 095	72 571,516	2 440 313,233	33,626	33,164	64	53	82 782	19 929,016	281 075,166	14,104	13,642
15	4	99 069	70 956,006	2 367 741,717	33,369	32,907	65	54	81 370	19 157,970	261 146,150	13,631	13,169
16	5	99 040	69 374,003	2 296 785,711	33,107	32,645	66	55	79 889	18 395,359	241 988,180	13,155	12,693
17	6	99 004	67 822,961	2 227 411,708	32,842	32,380	67	56	78 289	17 630,298	223 592,821	12,682	12,220
18	7	98 962	66 302,277	2 159 588,747	32,572	32,110	68	57	76 599	16 870,172	205 962,522	12,209	11,747
19	8	98 906	64 806,520	2 093 286,470	32,301	31,839	69	58	74 832	16 118,340	189 092,350	11,732	11,269
20	9	98 850	63 344,821	2 028 479,950	32,023	31,561	70	59	72 942	15 365,428	172 974,010	11,257	10,795
21	10	98 790	61 913,332	1 965 135,129	31,740	31,278	71	60	70 945	14 615,824	157 608,582	10,783	10,321
22	11	98 730	60 513,918	1 903 221,797	31,451	30,989	72	61	68 803	13 862,762	142 992,758	10,315	9,853
23	12	98 669	59 146,138	1 842 707,879	31,155	30,693	73	62	66 553	13 114,384	129 129,996	9,846	9,384
24	13	98 610	57 809,739	1 783 561,741	30,852	30,390	74	63	64 160	12 364,471	116 015,612	9,383	8,921
25	14	98 546	56 500,944	1 725 752,002	30,544	30,082	75	64	61 569	11 604,135	103 651,141	8,932	8,470
26	15	98 481	55 221,303	1 669 251,057	30,228	29,766	76	65	58 828	10 843,632	92 047,006	8,489	8,027
27	16	98 411	53 967,996	1 614 029,754	29,907	29,445	77	66	55 940	10 084,286	81 203,373	8,052	7,590
28	17	98 334	52 738,912	1 560 061,758	29,581	29,119	78	67	52 869	9 320,936	71 119,088	7,630	7,168
29	18	98 259	51 539,132	1 507 322,846	29,246	28,784	79	68	49 619	8 555,479	61 798,152	7,223	6,761
30	19	98 172	50 360,367	1 455 783,715	28,907	28,445	80	69	46 245	7 798,303	53 242,672	6,827	6,365
31	20	98 089	49 210,511	1 405 423,347	28,559	28,097	81	70	42 777	7 054,827	45 444,369	6,442	5,980
32	21	97 997	48 082,612	1 356 212,836	28,206	27,744	82	71	39 201	6 322,696	38 389,543	6,072	5,610
33	22	97 905	46 980,157	1 308 130,225	27,844	27,382	83	72	35 588	5 613,620	32 066,847	5,712	5,250
34	23	97 808	45 900,992	1 261 150,068	27,475	27,013	84	73	31 989	4 934,994	26 453,227	5,360	4,898
35	24	97 708	44 845,086	1 215 249,076	27,099	26,637	85	74	28 379	4 281,712	21 518,233	5,026	4,564
36	25	97 606	43 812,576	1 170 403,990	26,714	26,252	86	75	24 825	3 663,132	17 236,521	4,705	4,243
37	26	97 499	42 801,325	1 126 591,414	26,321	25,859	87	76	21 355	3 081,775	13 573,389	4,404	3,942
38	27	97 383	41 809,870	1 083 790,089	25,922	25,460	88	77	18 015	2 542,495	10 491,614	4,127	3,664
39	28	97 250	40 833,930	1 041 980,219	25,518	25,055	89	78	14 918	2 059,057	7 949,119	3,861	3,399
40	29	97 114	39 879,451	1 001 146,289	25,104	24,642	90	79	12 024	1 623,137	5 890,062	3,629	3,167
41	30	96 962	38 940,698	961 266,838	24,685	24,223	91	80	9 548	1 260,551	4 266,924	3,385	2,923
42	31	96 801	38 020,892	922 326,140	24,258	23,796	92	81	7 321	945,271	3 006,373	3,180	2,718
43	32	96 624	37 116,163	884 305,248	23,825	23,363	93	82	5 464	689,983	2 061,102	2,987	2,525
44	33	96 418	36 221,853	847 189,085	23,389	22,927	94	83	3 951	487,971	1 371,119	2,810	2,348
45	34	96 191	35 341,393	810 967,232	22,947	22,485	95	84	2 765	333,894	883,148	2,645	2,183
46	35	95 937	34 472,502	775 625,840	22,500	22,038	96	85	1 865	220,252	549,254	2,494	2,032
47	36	95 661	33 617,170	741 153,337	22,047	21,585	97	86	1 210	139,734	329,002	2,354	1,892
48	37	95 340	32 766,942	707 536,167	21,593	21,131	98	87	753	85,041	189,268	2,226	1,764
49	38	94 983	31 926,082	674 769,225	21,135	20,673	99	88	447	49,429	104,227	2,109	1,647
							100	89	254	27,397	54,799	2,000	1,538

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	38	94 643	31 111,652	645 408,143	20,745	20,283
1							51	39	94 212	30 288,440	614 296,491	20,282	19,820
2							52	40	93 704	29 462,300	584 008,051	19,822	19,360
3							53	41	93 169	28 649,495	554 545,750	19,356	18,894
4							54	42	92 581	27 842,075	525 896,255	18,889	18,427
5							55	43	91 926	27 036,698	498 054,180	18,421	17,959
6							56	44	91 210	26 235,959	471 017,483	17,953	17,491
7							57	45	90 443	25 442,999	444 781,524	17,481	17,019
8							58	46	89 602	24 651,612	419 338,525	17,011	16,549
9							59	47	88 689	23 863,460	394 686,912	16,539	16,077
10							60	48	87 699	23 077,832	370 823,452	16,068	15,606
11							61	49	86 634	22 295,964	347 745,620	15,597	15,135
12	0	99 472	76 162,295	2 593 617,372	34,054	33,592	62	50	85 490	21 517,517	325 449,656	15,125	14,663
13	1	99 147	74 243,257	2 517 455,076	33,908	33,446	63	51	84 280	20 745,935	303 932,138	14,650	14,188
14	2	99 110	72 582,326	2 443 211,819	33,661	33,199	64	52	83 010	19 983,879	283 186,203	14,171	13,709
15	3	99 080	70 963,935	2 370 629,493	33,406	32,944	65	53	81 616	19 215,743	263 202,324	13,697	13,235
16	4	99 052	69 382,272	2 299 665,558	33,145	32,683	66	54	80 145	18 454,251	243 986,582	13,221	12,759
17	5	99 014	67 829,816	2 230 283,286	32,881	32,419	67	55	78 568	17 692,988	225 532,331	12,747	12,285
18	6	98 971	66 308,052	2 162 453,470	32,612	32,150	68	56	76 889	16 934,051	207 839,343	12,273	11,811
19	7	98 914	64 812,083	2 096 145,418	32,342	31,880	69	57	75 133	16 183,017	190 905,292	11,797	11,335
20	8	98 857	63 349,487	2 031 333,335	32,066	31,603	70	58	73 265	15 433,525	174 722,275	11,321	10,859
21	9	98 797	61 917,603	1 967 983,849	31,784	31,322	71	59	71 281	14 685,168	159 288,750	10,847	10,385
22	10	98 737	60 518,213	1 906 066,246	31,496	31,034	72	60	69 176	13 937,878	144 603,582	10,375	9,913
23	11	98 677	59 150,868	1 845 548,032	31,201	30,739	73	61	66 938	13 190,184	130 665,704	9,906	9,444
24	12	98 618	57 814,393	1 786 397,164	30,899	30,437	74	62	64 567	12 442,957	117 475,520	9,441	8,979
25	13	98 555	56 506,006	1 728 582,771	30,591	30,129	75	63	61 987	11 682,853	105 032,563	8,990	8,528
26	14	98 492	55 227,289	1 672 076,765	30,276	29,814	76	64	59 264	10 923,917	93 349,711	8,545	8,083
27	15	98 424	53 974,785	1 616 849,475	29,956	29,494	77	65	56 380	10 163,663	82 425,794	8,110	7,648
28	16	98 349	52 747,028	1 562 874,690	29,630	29,168	78	66	53 325	9 401,358	72 262,131	7,686	7,224
29	17	98 275	51 547,404	1 510 127,662	29,296	28,834	79	67	50 076	8 634,331	62 860,773	7,280	6,818
30	18	98 195	50 371,873	1 458 580,258	28,956	28,494	80	68	46 699	7 874,772	54 226,443	6,886	6,424
31	19	98 109	49 220,677	1 408 208,386	28,610	28,148	81	69	43 237	7 130,564	46 351,671	6,500	6,038
32	20	98 019	48 093,288	1 358 987,709	28,257	27,795	82	70	39 661	6 396,930	39 221,106	6,131	5,669
33	21	97 925	46 989,991	1 310 894,421	27,897	27,435	83	71	36 052	5 686,850	32 824,176	5,772	5,310
34	22	97 830	45 911,291	1 263 904,430	27,529	27,067	84	72	32 459	5 007,491	27 137,326	5,419	4,957
35	23	97 731	44 855,339	1 217 993,138	27,154	26,692	85	73	28 848	4 352,489	22 129,835	5,084	4,622
36	24	97 626	43 821,434	1 173 137,799	26,771	26,309	86	74	25 296	3 732,586	17 777,346	4,763	4,301
37	25	97 520	42 810,742	1 129 316,365	26,379	25,917	87	75	21 824	3 149,353	14 044,759	4,460	3,998
38	26	97 406	41 819,767	1 086 505,622	25,981	25,519	88	76	18 467	2 606,331	10 895,406	4,180	3,718
39	27	97 276	40 844,903	1 044 685,856	25,577	25,115	89	77	15 343	2 117,770	8 289,075	3,914	3,452
40	28	97 139	39 889,538	1 003 840,953	25,166	24,704	90	78	12 423	1 676,913	6 171,305	3,680	3,218
41	29	96 989	38 951,874	963 951,415	24,747	24,285	91	79	9 908	1 308,040	4 494,392	3,436	2,974
42	30	96 829	38 031,656	924 999,540	24,322	23,860	92	80	7 640	986,472	3 186,351	3,230	2,768
43	31	96 653	37 127,377	886 967,884	23,890	23,428	93	81	5 737	724,460	2 199,880	3,037	2,575
44	32	96 452	36 234,697	849 840,508	23,454	22,992	94	82	4 182	516,451	1 475,419	2,857	2,395
45	33	96 226	35 354,320	813 605,811	23,013	22,551	95	83	2 950	356,234	958,969	2,692	2,230
46	34	95 978	34 487,152	778 251,491	22,566	22,104	96	84	2 010	237,421	602,735	2,539	2,077
47	35	95 700	33 630,547	743 764,340	22,116	21,654	97	85	1 319	152,341	365,314	2,398	1,936
48	36	95 385	32 782,521	710 133,793	21,662	21,200	98	86	831	93,887	212,973	2,268	1,806
49	37	95 034	31 943,129	677 351,272	21,205	20,743	99	87	502	55,431	119,086	2,148	1,686
							100	88	289	31,214	63,654	2,039	1,577

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	37	94 694	31 128,264	647 756,429	20,809	20,347
1							51	38	94 264	30 305,312	616 628,164	20,347	19,885
2							52	39	93 766	29 481,804	586 322,853	19,888	19,426
3							53	40	93 235	28 669,742	556 841,049	19,423	18,961
4							54	41	92 655	27 864,408	528 171,306	18,955	18,493
5							55	42	92 007	27 060,784	500 306,898	18,488	18,026
6							56	43	91 304	26 262,850	473 246,114	18,020	17,558
7							57	44	90 545	25 471,608	446 983,264	17,548	17,086
8							58	45	89 716	24 682,940	421 511,656	17,077	16,615
9							59	46	88 814	23 897,134	396 828,715	16,606	16,144
10							60	47	87 843	23 115,629	372 931,581	16,133	15,671
11							61	48	86 788	22 335,463	349 815,952	15,662	15,200
12							62	49	85 667	21 561,884	327 480,489	15,188	14,726
13	0	99 461	74 478,063	2 520 366,538	33,840	33,378	63	50	84 466	20 791,739	305 918,605	14,713	14,251
14	1	99 136	72 601,490	2 445 888,475	33,689	33,227	64	51	83 214	20 032,895	285 126,866	14,233	13,771
15	2	99 095	70 974,506	2 373 286,985	33,439	32,977	65	52	81 840	19 268,642	265 093,971	13,758	13,296
16	3	99 063	69 390,026	2 302 312,479	33,179	32,717	66	53	80 386	18 509,902	245 825,328	13,281	12,819
17	4	99 026	67 837,901	2 232 922,453	32,916	32,454	67	54	78 819	17 749,631	227 315,426	12,807	12,345
18	5	98 981	66 314,755	2 165 084,552	32,649	32,187	68	55	77 163	16 994,264	209 565,796	12,332	11,870
19	6	98 923	64 817,727	2 098 769,797	32,380	31,918	69	56	75 417	16 244,293	192 571,531	11,855	11,393
20	7	98 866	63 354,924	2 033 952,070	32,104	31,642	70	57	73 559	15 495,454	176 327,238	11,379	10,917
21	8	98 804	61 922,163	1 970 597,146	31,824	31,362	71	58	71 597	14 750,251	160 831,784	10,904	10,442
22	9	98 744	60 522,388	1 908 674,983	31,537	31,075	72	59	69 504	14 004,005	146 081,533	10,431	9,969
23	10	98 684	59 155,066	1 848 152,594	31,243	30,780	73	60	67 301	13 261,656	132 077,528	9,959	9,497
24	11	98 626	57 819,017	1 788 997,528	30,941	30,479	74	61	64 940	12 514,876	118 815,872	9,494	9,032
25	12	98 563	56 510,555	1 731 178,511	30,635	30,173	75	62	62 380	11 757,012	106 300,996	9,041	8,579
26	13	98 501	55 232,237	1 674 667,956	30,320	29,858	76	63	59 666	10 998,020	94 543,984	8,596	8,134
27	14	98 435	53 980,636	1 619 435,719	30,000	29,538	77	64	56 798	10 238,913	83 545,965	8,160	7,698
28	15	98 362	52 753,664	1 565 455,083	29,675	29,213	78	65	53 745	9 475,359	73 307,052	7,737	7,275
29	16	98 290	51 555,337	1 512 701,419	29,341	28,879	79	66	50 508	8 708,828	63 831,693	7,330	6,868
30	17	98 210	50 379,957	1 461 146,082	29,003	28,541	80	67	47 129	7 947,350	55 122,865	6,936	6,474
31	18	98 132	49 231,922	1 410 766,125	28,656	28,194	81	68	43 661	7 200,485	47 175,515	6,552	6,090
32	19	98 039	48 103,223	1 361 534,203	28,304	27,842	82	69	40 087	6 465,605	39 975,030	6,183	5,721
33	20	97 947	47 000,425	1 313 430,980	27,945	27,483	83	70	36 475	5 753,620	33 509,425	5,824	5,362
34	21	97 851	45 920,902	1 266 430,555	27,579	27,117	84	71	32 883	5 072,815	27 755,805	5,471	5,009
35	22	97 752	44 865,404	1 220 509,653	27,204	26,742	85	72	29 272	4 416,429	22 682,990	5,136	4,674
36	23	97 648	43 831,453	1 175 644,249	26,822	26,360	86	73	25 714	3 794,286	18 266,562	4,814	4,352
37	24	97 540	42 819,398	1 131 812,796	26,432	25,970	87	74	22 238	3 209,066	14 472,276	4,510	4,048
38	25	97 428	41 828,968	1 088 993,398	26,034	25,572	88	75	18 872	2 663,484	11 263,209	4,229	3,767
39	26	97 299	40 854,572	1 047 164,429	25,632	25,169	89	76	15 728	2 170,942	8 599,725	3,961	3,499
40	27	97 165	39 900,257	1 006 309,858	25,221	24,759	90	77	12 777	1 724,729	6 428,783	3,727	3,265
41	28	97 014	38 961,727	966 409,601	24,804	24,342	91	78	10 236	1 351,377	4 704,054	3,481	3,019
42	29	96 857	38 042,571	927 447,874	24,379	23,917	92	79	7 928	1 023,636	3 352,677	3,275	2,813
43	30	96 681	37 137,888	889 405,303	23,949	23,487	93	80	5 987	756,037	2 329,041	3,081	2,619
44	31	96 481	36 245,644	852 267,415	23,514	23,052	94	81	4 391	542,257	1 573,005	2,901	2,439
45	32	96 260	35 366,856	816 021,771	23,073	22,611	95	82	3 122	377,025	1 030,748	2,734	2,272
46	33	96 013	34 499,766	780 654,915	22,628	22,166	96	83	2 144	253,306	653,723	2,581	2,119
47	34	95 740	33 644,838	746 155,149	22,177	21,715	97	84	1 422	164,216	400,417	2,438	1,976
48	35	95 423	32 795,566	712 510,311	21,726	21,264	98	85	906	102,358	236,201	2,308	1,846
49	36	95 079	31 958,317	679 714,745	21,269	20,807	99	86	554	61,198	133,843	2,187	1,725
							100	87	324	35,005	72,645	2,075	1,613

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14	0	99 450	72 831,104	2 448 573,492	33,620	33,158
15	1	99 121	70 993,245	2 375 742,388	33,464	33,002
16	2	99 077	69 400,362	2 304 749,143	33,209	32,747
17	3	99 037	67 845,482	2 235 348,781	32,948	32,486
18	4	98 992	66 322,659	2 167 503,299	32,681	32,219
19	5	98 933	64 824,280	2 101 180,640	32,413	31,951
20	6	98 875	63 360,442	2 036 356,360	32,139	31,677
21	7	98 813	61 927,478	1 972 995,918	31,860	31,398
22	8	98 751	60 526,846	1 911 068,440	31,574	31,112
23	9	98 691	59 159,147	1 850 541,594	31,281	30,819
24	10	98 633	57 823,121	1 791 382,446	30,980	30,518
25	11	98 571	56 515,074	1 733 559,326	30,674	30,212
26	12	98 509	55 236,683	1 677 044,251	30,361	29,899
27	13	98 443	53 985,472	1 621 807,568	30,042	29,580
28	14	98 372	52 759,382	1 567 822,096	29,716	29,254
29	15	98 302	51 561,823	1 515 062,713	29,383	28,921
30	16	98 225	50 387,711	1 463 500,891	29,045	28,583
31	17	98 148	49 239,824	1 413 113,180	28,699	28,237
32	18	98 062	48 114,213	1 363 873,356	28,347	27,885
33	19	97 967	47 010,134	1 315 759,144	27,989	27,527
34	20	97 872	45 931,098	1 268 749,009	27,623	27,161
35	21	97 773	44 874,796	1 222 817,911	27,250	26,788
36	22	97 670	43 841,288	1 177 943,115	26,868	26,406
37	23	97 562	42 829,188	1 134 101,827	26,480	26,018
38	24	97 448	41 837,425	1 091 272,639	26,084	25,622
39	25	97 321	40 863,561	1 049 435,214	25,681	25,219
40	26	97 188	39 909,702	1 008 571,653	25,271	24,809
41	27	97 040	38 972,197	968 661,951	24,855	24,393
42	28	96 881	38 052,193	929 689,754	24,432	23,970
43	29	96 708	37 148,547	891 637,561	24,002	23,540
44	30	96 508	36 255,905	854 489,014	23,568	23,106
45	31	96 289	35 377,541	818 233,109	23,129	22,667
46	32	96 047	34 512,000	782 855,568	22,684	22,222
47	33	95 775	33 657,144	748 343,568	22,234	21,772
48	34	95 464	32 809,502	714 686,424	21,783	21,321
49	35	95 117	31 971,033	681 876,922	21,328	20,866
50	36	94 739	31 143,064	649 905,888	20,868	20,406
51	37	94 315	30 321,494	618 762,824	20,407	19,945
52	38	93 818	29 498,226	588 441,331	19,948	19,486
53	39	93 297	28 688,721	558 943,105	19,483	19,021
54	40	92 720	27 884,101	530 254,383	19,016	18,554
55	41	92 081	27 082,491	502 370,283	18,550	18,088
56	42	91 385	26 286,247	475 287,792	18,081	17,619
57	43	90 638	25 497,716	449 001,545	17,609	17,147
58	44	89 817	24 710,694	423 503,829	17,138	16,676
59	45	88 927	23 927,504	398 793,134	16,667	16,205
60	46	87 966	23 148,247	374 865,630	16,194	15,732
61	47	86 930	22 372,044	351 717,383	15,721	15,259
62	48	85 819	21 600,082	329 345,339	15,247	14,785
63	49	84 640	20 834,610	307 745,257	14,771	14,309
64	50	83 398	20 077,125	286 910,647	14,290	13,828
65	51	82 041	19 315,904	266 833,522	13,814	13,352
66	52	80 608	18 560,858	247 517,618	13,335	12,873
67	53	79 057	17 803,157	228 956,759	12,860	12,398
68	54	77 410	17 048,670	211 153,603	12,385	11,923
69	55	75 685	16 302,054	194 104,932	11,907	11,445
70	56	73 838	15 554,127	177 802,878	11,431	10,969
71	57	71 884	14 809,438	162 248,751	10,956	10,494
72	58	69 812	14 066,069	147 439,313	10,482	10,020
73	59	67 620	13 324,575	133 373,244	10,010	9,548
74	60	65 292	12 582,689	120 048,670	9,541	9,079
75	61	62 741	11 824,966	107 465,981	9,088	8,626
76	62	60 045	11 067,832	95 641,014	8,641	8,179
77	63	57 183	10 308,369	84 573,182	8,204	7,742
78	64	54 142	9 545,513	74 264,813	7,780	7,318
79	65	50 906	8 777,378	64 719,301	7,373	6,911
80	66	47 536	8 015,920	55 941,922	6,979	6,517
81	67	44 063	7 266,848	47 926,002	6,595	6,133
82	68	40 480	6 529,006	40 659,154	6,227	5,765
83	69	36 867	5 815,388	34 130,148	5,869	5,407
84	70	33 269	5 132,375	28 314,760	5,517	5,055
85	71	29 654	4 474,042	23 182,386	5,182	4,720
86	72	26 092	3 850,025	18 708,344	4,859	4,397
87	73	22 605	3 262,112	14 858,318	4,555	4,093
88	74	19 230	2 713,985	11 596,206	4,273	3,811
89	75	16 073	2 218,547	8 882,221	4,004	3,542
90	76	13 098	1 768,033	6 663,674	3,769	3,307
91	77	10 528	1 389,910	4 895,641	3,522	3,060
92	78	8 191	1 057,550	3 505,731	3,315	2,853
93	79	6 213	784,519	2 448,181	3,121	2,659
94	80	4 582	565,892	1 663,662	2,940	2,478
95	81	3 278	395,864	1 097,770	2,773	2,311
96	82	2 270	268,090	701,906	2,618	2,156
97	83	1 517	175,204	433,816	2,476	2,014
98	84	977	110,337	258,612	2,344	1,882
99	85	604	66,719	148,276	2,222	1,760
100	86	358	38,646	81,557	2,110	1,648

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15	0	99 435	71 217,773	2 378 219,767	33,394	32,932
16	1	99 104	69 418,686	2 307 001,994	33,233	32,771
17	2	99 052	67 855,588	2 237 583,308	32,976	32,514
18	3	99 003	66 330,070	2 169 727,720	32,711	32,249
19	4	98 945	64 832,006	2 103 397,650	32,444	31,982
20	5	98 885	63 366,847	2 038 565,643	32,171	31,709
21	6	98 821	61 932,872	1 975 198,796	31,893	31,431
22	7	98 759	60 532,041	1 913 265,924	31,607	31,145
23	8	98 698	59 163,504	1 852 733,883	31,315	30,853
24	9	98 640	57 827,110	1 793 570,379	31,016	30,554
25	10	98 578	56 519,086	1 735 743,269	30,711	30,249
26	11	98 516	55 241,101	1 679 224,183	30,398	29,936
27	12	98 451	53 989,818	1 623 983,082	30,079	29,617
28	13	98 381	52 764,109	1 569 993,264	29,755	29,293
29	14	98 313	51 567,412	1 517 229,155	29,422	28,960
30	15	98 238	50 394,050	1 465 661,744	29,084	28,622
31	16	98 163	49 247,401	1 415 267,694	28,738	28,276
32	17	98 077	48 121,935	1 366 020,292	28,387	27,925
33	18	97 990	47 020,874	1 317 898,357	28,028	27,566
34	19	97 892	45 940,587	1 270 877,483	27,664	27,201
35	20	97 795	44 884,760	1 224 936,896	27,291	26,829
36	21	97 691	43 850,466	1 180 052,136	26,911	26,449
37	22	97 584	42 838,798	1 136 201,671	26,523	26,061
38	23	97 470	41 846,991	1 093 362,873	26,128	25,666
39	24	97 340	40 871,823	1 051 515,882	25,727	25,265
40	25	97 209	39 918,484	1 010 644,060	25,318	24,856
41	26	97 063	38 981,422	970 725,576	24,902	24,440
42	27	96 907	38 062,419	931 744,154	24,479	24,017
43	28	96 733	37 157,943	893 681,735	24,051	23,589
44	29	96 536	36 266,311	856 523,792	23,618	23,156
45	30	96 316	35 387,557	820 257,481	23,179	22,717
46	31	96 076	34 522,426	784 869,924	22,735	22,273
47	32	95 809	33 669,079	750 347,498	22,286	21,824
48	33	95 499	32 821,503	716 678,419	21,836	21,374
49	34	95 158	31 984,619	683 856,916	21,381	20,919

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
50	35	94 776	31 155,456	651 872,297	20,923	20,461
51	36	94 360	30 335,910	620 716,840	20,461	19,999
52	37	93 869	29 513,977	590 380,931	20,003	19,541
53	38	93 349	28 704,702	560 866,953	19,539	19,077
54	39	92 782	27 902,560	532 162,252	19,072	18,610
55	40	92 146	27 101,631	504 259,692	18,606	18,144
56	41	91 458	26 307,332	477 158,062	18,138	17,676
57	42	90 719	25 520,432	450 850,729	17,666	17,204
58	43	89 909	24 736,023	425 330,298	17,195	16,733
59	44	89 027	23 954,408	400 594,275	16,723	16,261
60	45	88 078	23 177,665	376 639,867	16,250	15,788
61	46	87 052	22 403,613	353 462,201	15,777	15,315
62	47	85 959	21 635,459	331 058,589	15,302	14,840
63	48	84 790	20 871,519	309 423,130	14,825	14,363
64	49	83 570	20 118,522	288 551,610	14,343	13,881
65	50	82 222	19 358,551	268 433,088	13,866	13,404
66	51	80 805	18 606,384	249 074,537	13,387	12,924
67	52	79 274	17 852,167	230 468,153	12,910	12,448
68	53	77 643	17 100,083	212 615,985	12,434	11,972
69	54	75 928	16 354,244	195 515,903	11,955	11,493
70	55	74 100	15 609,434	179 161,658	11,478	11,016
71	56	72 156	14 865,513	163 552,225	11,002	10,540
72	57	70 092	14 122,511	148 686,711	10,528	10,066
73	58	67 920	13 383,627	134 564,200	10,054	9,592
74	59	65 602	12 642,386	121 180,573	9,585	9,123
75	60	63 081	11 889,041	108 538,187	9,129	8,667
76	61	60 392	11 131,803	96 649,146	8,682	8,220
77	62	57 546	10 373,803	85 517,343	8,244	7,782
78	63	54 510	9 610,266	75 143,540	7,819	7,357
79	64	51 283	8 842,365	65 533,274	7,411	6,949
80	65	47 910	8 079,016	56 690,909	7,017	6,555
81	66	44 443	7 329,547	48 611,893	6,632	6,170
82	67	40 853	6 589,180	41 282,346	6,265	5,803
83	68	37 228	5 872,413	34 693,166	5,908	5,446
84	69	33 626	5 187,473	28 820,754	5,556	5,094
85	70	30 002	4 526,572	23 633,280	5,221	4,759
86	71	26 432	3 900,250	19 106,709	4,899	4,437
87	72	22 937	3 310,034	15 206,459	4,594	4,132
88	73	19 548	2 758,847	11 896,425	4,312	3,850
89	74	16 378	2 260,612	9 137,578	4,042	3,580
90	75	13 385	1 806,803	6 876,966	3,806	3,344
91	76	10 792	1 424,808	5 070,163	3,558	3,096
92	77	8 424	1 087,705	3 645,355	3,351	2,889
93	78	6 419	810,511	2 557,650	3,156	2,694
94	79	4 755	587,211	1 747,139	2,975	2,513
95	80	3 420	413,118	1 159,928	2,808	2,346
96	81	2 383	281,486	746,810	2,653	2,191
97	82	1 605	185,429	465,324	2,509	2,047
98	83	1 042	117,719	279,895	2,378	1,916
99	84	651	71,920	162,176	2,255	1,793
100	85	390	42,133	90,256	2,142	1,680

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
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14						
15						
16	0	99 417	69 638,234	2 309 289,001	33,161	32,699
17	1	99 078	67 873,505	2 239 650,768	32,997	32,535
18	2	99 018	66 339,951	2 171 777,263	32,737	32,275
19	3	98 956	64 839,251	2 105 437,312	32,472	32,010
20	4	98 896	63 374,400	2 040 598,061	32,199	31,737
21	5	98 831	61 939,132	1 977 223,661	31,922	31,460
22	6	98 768	60 537,313	1 915 284,529	31,638	31,176
23	7	98 707	59 168,583	1 854 747,215	31,347	30,885
24	8	98 647	57 831,369	1 795 578,633	31,049	30,587
25	9	98 584	56 522,985	1 737 747,264	30,744	30,282
26	10	98 523	55 245,022	1 681 224,279	30,432	29,970
27	11	98 459	53 994,136	1 625 979,257	30,114	29,652
28	12	98 389	52 768,357	1 571 985,122	29,790	29,328
29	13	98 322	51 572,031	1 519 216,765	29,458	28,996
30	14	98 248	50 399,512	1 467 644,733	29,120	28,658
31	15	98 175	49 253,597	1 417 245,221	28,774	28,312
32	16	98 093	48 129,341	1 367 991,624	28,423	27,961
33	17	98 005	47 028,421	1 319 862,283	28,065	27,603
34	18	97 915	45 951,083	1 272 833,862	27,700	27,238
35	19	97 815	44 894,032	1 226 882,779	27,328	26,866
36	20	97 712	43 860,202	1 181 988,747	26,949	26,487
37	21	97 605	42 847,765	1 138 128,545	26,562	26,100
38	22	97 492	41 856,380	1 095 280,780	26,168	25,706
39	23	97 363	40 881,167	1 053 424,399	25,768	25,306
40	24	97 229	39 926,554	1 012 543,232	25,360	24,898
41	25	97 084	38 989,999	972 616,678	24,945	24,483
42	26	96 930	38 071,429	933 626,679	24,523	24,061
43	27	96 759	37 167,928	895 555,249	24,095	23,633
44	28	96 560	36 275,484	858 387,322	23,663	23,201
45	29	96 344	35 397,713	822 111,838	23,225	22,763
46	30	96 103	34 532,200	786 714,125	22,782	22,320
47	31	95 838	33 679,251	752 181,925	22,334	21,872
48	32	95 533	32 833,141	718 502,673	21,883	21,421
49	33	95 192	31 996,318	685 669,532	21,430	20,968
50	34	94 817	31 168,696	653 673,214	20,972	20,510
51	35	94 397	30 347,981	622 504,518	20,512	20,050
52	36	93 913	29 528,009	592 156,537	20,054	19,592
53	37	93 399	28 720,029	562 628,527	19,590	19,128
54	38	92 834	27 918,102	533 908,498	19,124	18,662
55	39	92 207	27 119,571	505 990,396	18,658	18,196
56	40	91 523	26 325,924	478 870,825	18,190	17,728
57	41	90 792	25 540,902	452 544,900	17,718	17,256
58	42	89 989	24 758,059	427 003,998	17,247	16,785
59	43	89 118	23 978,961	402 245,939	16,775	16,313
60	44	88 177	23 203,727	378 266,977	16,302	15,840
61	45	87 163	22 432,084	355 063,251	15,828	15,366
62	46	86 080	21 665,989	332 631,166	15,353	14,891
63	47	84 929	20 905,703	310 965,178	14,875	14,413
64	48	83 718	20 154,163	290 059,475	14,392	13,930
65	49	82 392	19 398,467	269 905,312	13,914	13,452
66	50	80 984	18 647,465	250 506,845	13,434	12,972
67	51	79 469	17 895,955	231 859,381	12,956	12,494
68	52	77 857	17 147,158	213 963,425	12,478	12,016
69	53	76 157	16 403,562	196 816,268	11,998	11,536
70	54	74 337	15 659,407	180 412,705	11,521	11,059
71	55	72 413	14 918,372	164 753,299	11,044	10,582
72	56	70 358	14 175,985	149 834,927	10,570	10,108
73	57	68 192	13 437,330	135 658,942	10,096	9,634
74	58	65 892	12 698,416	122 221,611	9,625	9,163
75	59	63 380	11 945,447	109 523,195	9,169	8,707
76	60	60 719	11 192,121	97 577,748	8,718	8,256
77	61	57 878	10 433,763	86 385,627	8,279	7,817
78	62	54 856	9 671,268	75 951,864	7,853	7,391
79	63	51 631	8 902,347	66 280,595	7,445	6,983
80	64	48 264	8 138,832	57 378,248	7,050	6,588
81	65	44 793	7 387,241	49 239,416	6,665	6,203
82	66	41 205	6 646,032	41 852,175	6,297	5,835
83	67	37 571	5 926,536	35 206,143	5,940	5,478
84	68	33 956	5 238,341	29 279,608	5,589	5,127
85	69	30 324	4 575,167	24 041,267	5,255	4,793
86	70	26 743	3 946,042	19 466,100	4,933	4,471
87	71	23 236	3 353,214	15 520,058	4,628	4,166
88	72	19 835	2 799,376	12 166,844	4,346	3,884
89	73	16 649	2 297,980	9 367,468	4,076	3,614
90	74	13 639	1 841,061	7 069,489	3,840	3,378
91	75	11 029	1 456,052	5 228,427	3,591	3,129
92	76	8 636	1 115,015	3 772,376	3,383	2,921
93	77	6 602	833,622	2 657,361	3,188	2,726
94	78	4 912	606,666	1 823,739	3,006	2,544
95	79	3 549	428,682	1 217,073	2,839	2,377
96	80	2 487	293,755	788,391	2,684	2,222
97	81	1 685	194,695	494,637	2,541	2,079
98	82	1 103	124,590	299,942	2,407	1,945
99	83	694	76,732	175,353	2,285	1,823
100	84	420	45,417	98,621	2,171	1,709

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	33	94 851	31 180,097	655 322,027	21,017	20,555
1							51	34	94 437	30 360,877	624 141,931	20,557	20,095
2							52	35	93 951	29 539,759	593 781,053	20,101	19,639
3							53	36	93 443	28 733,684	564 241,294	19,637	19,175
4							54	37	92 883	27 933,009	535 507,611	19,171	18,709
5							55	38	92 259	27 134,678	507 574,601	18,706	18,244
6							56	39	91 583	26 343,352	480 439,923	18,238	17,776
7							57	40	90 856	25 558,953	454 096,571	17,767	17,305
8							58	41	90 061	24 777,919	428 537,619	17,295	16,833
9							59	42	89 198	24 000,324	403 759,700	16,823	16,361
10							60	43	88 268	23 227,510	379 759,376	16,350	15,888
11							61	44	87 261	22 457,307	356 531,866	15,876	15,414
12							62	45	86 190	21 693,523	334 074,559	15,400	14,938
13							63	46	85 048	20 935,203	312 381,036	14,921	14,459
14							64	47	83 855	20 187,172	291 445,833	14,437	13,975
15							65	48	82 538	19 432,832	271 258,661	13,959	13,497
16							66	49	81 151	18 685,914	251 825,829	13,477	13,015
17	0	99 391	68 088,165	2 241 763,183	32,924	32,462	67	50	79 644	17 935,467	233 139,916	12,999	12,537
18	1	99 044	66 357,467	2 173 675,018	32,757	32,295	68	51	78 048	17 189,216	215 204,449	12,520	12,058
19	2	98 970	64 848,910	2 107 317,551	32,496	32,034	69	52	76 366	16 448,720	198 015,232	12,038	11,576
20	3	98 907	63 381,482	2 042 468,641	32,225	31,763	70	53	74 562	15 706,629	181 566,512	11,560	11,098
21	4	98 843	61 946,515	1 979 087,160	31,948	31,486	71	54	72 645	14 966,132	165 859,883	11,082	10,620
22	5	98 778	60 543,433	1 917 140,644	31,666	31,204	72	55	70 608	14 226,392	150 893,751	10,607	10,145
23	6	98 715	59 173,736	1 856 597,212	31,375	30,913	73	56	68 450	13 488,211	136 667,359	10,132	9,670
24	7	98 655	57 836,333	1 797 423,475	31,078	30,616	74	57	66 157	12 749,369	123 179,148	9,662	9,200
25	8	98 592	56 527,148	1 739 587,143	30,774	30,312	75	58	63 661	11 998,388	110 429,779	9,204	8,742
26	9	98 530	55 248,833	1 683 059,995	30,463	30,001	76	59	61 007	11 245,222	98 431,391	8,753	8,291
27	10	98 466	53 997,968	1 627 811,162	30,146	29,684	77	60	58 192	10 490,299	87 186,169	8,311	7,849
28	11	98 397	52 772,577	1 573 813,194	29,823	29,361	78	61	55 173	9 727,168	76 695,870	7,885	7,423
29	12	98 330	51 576,183	1 521 040,617	29,491	29,029	79	62	51 958	8 958,857	66 968,703	7,475	7,013
30	13	98 257	50 404,027	1 469 464,434	29,154	28,692	80	63	48 592	8 194,042	58 009,846	7,080	6,617
31	14	98 186	49 258,936	1 419 060,406	28,808	28,346	81	64	45 125	7 441,935	49 815,804	6,694	6,232
32	15	98 105	48 135,396	1 369 801,470	28,457	27,995	82	65	41 530	6 698,345	42 373,870	6,326	5,864
33	16	98 020	47 035,659	1 321 666,074	28,099	27,637	83	66	37 895	5 977,670	35 675,524	5,968	5,506
34	17	97 931	45 958,458	1 274 630,416	27,734	27,272	84	67	34 269	5 286,620	29 697,854	5,618	5,156
35	18	97 837	44 904,289	1 228 671,958	27,362	26,900	85	68	30 622	4 620,030	24 411,234	5,284	4,822
36	19	97 733	43 869,263	1 183 767,669	26,984	26,522	86	69	27 030	3 988,405	19 791,204	4,962	4,500
37	20	97 626	42 857,279	1 139 898,406	26,598	26,136	87	70	23 509	3 392,584	15 802,799	4,658	4,196
38	21	97 512	41 865,142	1 097 041,127	26,204	25,742	88	71	20 094	2 835,894	12 410,215	4,376	3,914
39	22	97 385	40 890,340	1 055 175,985	25,805	25,343	89	72	16 893	2 331,738	9 574,321	4,106	3,644
40	23	97 251	39 935,683	1 014 285,645	25,398	24,936	90	73	13 864	1 871,494	7 242,583	3,870	3,408
41	24	97 104	38 997,882	974 349,962	24,985	24,523	91	74	11 238	1 483,659	5 371,089	3,620	3,158
42	25	96 951	38 079,806	935 352,080	24,563	24,101	92	75	8 825	1 139,465	3 887,430	3,412	2,950
43	26	96 782	37 176,726	897 272,274	24,135	23,673	93	76	6 767	854,553	2 747,965	3,216	2,754
44	27	96 586	36 285,232	860 095,548	23,704	23,242	94	77	5 053	623,964	1 893,413	3,034	2,572
45	28	96 368	35 406,667	823 810,316	23,267	22,805	95	78	3 667	442,884	1 269,448	2,866	2,404
46	29	96 131	34 542,111	788 403,649	22,824	22,362	96	79	2 581	304,821	826,564	2,712	2,250
47	30	95 865	33 688,786	753 861,538	22,377	21,915	97	80	1 759	203,181	521,743	2,568	2,106
48	31	95 561	32 843,061	720 172,752	21,928	21,466	98	81	1 158	130,815	318,562	2,435	1,973
49	32	95 226	32 007,664	687 329,691	21,474	21,012	99	82	735	81,210	187,747	2,312	1,850
							100	83	448	48,456	106,537	2,199	1,737

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	32	94 885	31 191,153	656 832,285	21,058	20,596
1							51	33	94 472	30 371,982	625 641,132	20,599	20,137
2							52	34	93 990	29 552,312	595 269,149	20,143	19,681
3							53	35	93 480	28 745,117	565 716,837	19,680	19,218
4							54	36	92 927	27 946,290	536 971,720	19,214	18,752
5							55	37	92 308	27 149,167	509 025,430	18,749	18,287
6							56	38	91 634	26 358,026	481 876,263	18,282	17,820
7							57	39	90 916	25 575,873	455 518,237	17,810	17,348
8							58	40	90 125	24 795,430	429 942,365	17,340	16,878
9							59	41	89 269	24 019,575	405 146,935	16,867	16,405
10							60	42	88 346	23 248,203	381 127,360	16,394	15,932
11							61	43	87 350	22 480,326	357 879,157	15,920	15,458
12							62	44	86 287	21 717,915	335 398,831	15,443	14,981
13							63	45	85 156	20 961,808	313 680,915	14,964	14,502
14							64	46	83 973	20 215,658	292 719,107	14,480	14,018
15							65	47	82 673	19 464,659	272 503,450	14,000	13,538
16							66	48	81 295	18 719,017	253 038,790	13,518	13,056
17							67	49	79 809	17 972,448	234 319,773	13,038	12,576
18	0	99 358	66 567,333	2 175 627,231	32,683	32,221	68	50	78 220	17 227,168	216 347,326	12,558	12,096
19	1	98 997	64 866,032	2 109 059,898	32,514	32,052	69	51	76 553	16 489,066	199 120,158	12,076	11,614
20	2	98 922	63 390,923	2 044 193,866	32,247	31,785	70	52	74 767	15 749,868	182 631,092	11,596	11,134
21	3	98 854	61 953,437	1 980 802,942	31,972	31,510	71	53	72 864	15 011,264	166 881,224	11,117	10,655
22	4	98 790	60 550,649	1 918 849,505	31,690	31,228	72	54	70 834	14 271,937	151 869,960	10,641	10,179
23	5	98 725	59 179,718	1 858 298,856	31,401	30,939	73	55	68 694	13 536,172	137 598,023	10,165	9,703
24	6	98 664	57 841,370	1 799 119,138	31,104	30,642	74	56	66 407	12 797,645	124 061,851	9,694	9,232
25	7	98 600	56 532,000	1 741 277,768	30,802	30,340	75	57	63 916	12 046,533	111 264,207	9,236	8,774
26	8	98 537	55 252,902	1 684 745,768	30,492	30,030	76	58	61 277	11 295,059	99 217,674	8,784	8,322
27	9	98 473	54 001,693	1 629 492,866	30,175	29,713	77	59	58 468	10 540,069	87 922,615	8,342	7,880
28	10	98 404	52 776,322	1 575 491,173	29,852	29,390	78	60	55 472	9 779,875	77 382,546	7,912	7,450
29	11	98 338	51 580,308	1 522 714,850	29,521	29,059	79	61	52 259	9 010,638	67 602,671	7,503	7,041
30	12	98 265	50 408,085	1 471 134,542	29,184	28,722	80	62	48 900	8 246,055	58 592,033	7,105	6,643
31	13	98 194	49 263,349	1 420 726,457	28,839	28,377	81	63	45 431	7 492,417	50 345,977	6,720	6,258
32	14	98 116	48 140,614	1 371 463,108	28,489	28,027	82	64	41 837	6 747,939	42 853,560	6,351	5,889
33	15	98 033	47 041,576	1 323 322,494	28,131	27,669	83	65	38 194	6 024,722	36 105,621	5,993	5,531
34	16	97 946	45 965,531	1 276 280,918	27,766	27,304	84	66	34 564	5 332,233	30 080,899	5,641	5,179
35	17	97 853	44 911,496	1 230 315,388	27,394	26,932	85	67	30 904	4 662,611	24 748,666	5,308	4,846
36	18	97 755	43 879,285	1 185 403,892	27,015	26,553	86	68	27 295	4 027,515	20 086,055	4,987	4,525
37	19	97 647	42 866,133	1 141 524,607	26,630	26,168	87	69	23 762	3 429,005	16 058,540	4,683	4,221
38	20	97 534	41 874,438	1 098 658,474	26,237	25,775	88	70	20 330	2 869,190	12 629,535	4,402	3,940
39	21	97 405	40 898,900	1 056 784,036	25,839	25,377	89	71	17 114	2 362,156	9 760,345	4,132	3,670
40	22	97 273	39 944,644	1 015 885,136	25,432	24,970	90	72	14 068	1 898,987	7 398,189	3,896	3,434
41	23	97 126	39 006,798	975 940,492	25,020	24,558	91	73	11 424	1 508,184	5 499,202	3,646	3,184
42	24	96 971	38 087,505	936 933,694	24,600	24,137	92	74	8 993	1 161,070	3 991,019	3,437	2,975
43	25	96 803	37 184,906	898 846,189	24,172	23,710	93	75	6 916	873,292	2 829,949	3,241	2,779
44	26	96 609	36 293,821	861 661,283	23,741	23,279	94	76	5 179	639,631	1 956,657	3,059	2,597
45	27	96 394	35 416,181	825 367,462	23,305	22,843	95	77	3 772	455,513	1 317,027	2,891	2,429
46	28	96 155	34 550,848	789 951,281	22,863	22,401	96	78	2 666	314,920	861,514	2,736	2,274
47	29	95 893	33 698,455	755 400,433	22,416	21,954	97	79	1 825	210,835	546,593	2,593	2,130
48	30	95 589	32 852,359	721 701,978	21,968	21,506	98	80	1 208	136,517	335,758	2,459	1,997
49	31	95 255	32 017,334	688 849,619	21,515	21,053	99	81	772	85,268	199,241	2,337	1,875
							100	82	475	51,284	113,973	2,222	1,760

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	31	94 914	31 200,576	658 214,973	21,096	20,634
1							51	32	94 505	30 382,752	627 014,397	20,637	20,175
2							52	33	94 025	29 563,121	596 631,644	20,182	19,720
3							53	34	93 520	28 757,333	567 068,523	19,719	19,257
4							54	35	92 964	27 957,410	538 311,190	19,255	18,793
5							55	36	92 352	27 162,075	510 353,780	18,789	18,327
6							56	37	91 683	26 372,100	483 191,706	18,322	17,860
7							57	38	90 966	25 590,119	456 819,605	17,851	17,389
8							58	39	90 184	24 811,844	431 229,486	17,380	16,918
9							59	40	89 332	24 036,550	406 417,642	16,908	16,446
10							60	41	88 417	23 266,851	382 381,092	16,435	15,973
11							61	42	87 428	22 500,353	359 114,240	15,960	15,498
12							62	43	86 375	21 740,176	336 613,887	15,483	15,021
13							63	44	85 252	20 985,378	314 873,711	15,004	14,542
14							64	45	84 080	20 241,349	293 888,333	14,519	14,057
15							65	46	82 789	19 492,126	273 646,985	14,039	13,577
16							66	47	81 428	18 749,675	254 154,859	13,555	13,093
17							67	48	79 950	18 004,287	235 405,184	13,075	12,613
18							68	49	78 382	17 262,688	217 400,897	12,594	12,132
19	0	99 310	65 071,181	2 110 864,996	32,439	31,977	69	50	76 722	16 525,471	200 138,208	12,111	11,649
20	1	98 948	63 407,661	2 045 793,815	32,264	31,802	70	51	74 950	15 788,500	183 612,737	11,630	11,168
21	2	98 869	61 962,666	1 982 386,154	31,993	31,531	71	52	73 065	15 052,589	167 824,238	11,149	10,687
22	3	98 801	60 557,416	1 920 423,488	31,712	31,250	72	53	71 048	14 314,975	152 771,649	10,672	10,210
23	4	98 737	59 186,772	1 859 866,072	31,424	30,962	73	54	68 914	13 579,507	138 456,673	10,196	9,734
24	5	98 674	57 847,217	1 800 679,301	31,128	30,666	74	55	66 643	12 843,150	124 877,167	9,723	9,261
25	6	98 609	56 536,923	1 742 832,084	30,826	30,364	75	56	64 158	12 092,147	112 034,017	9,265	8,803
26	7	98 546	55 257,645	1 686 295,160	30,517	30,055	76	57	61 523	11 340,381	99 941,870	8,813	8,351
27	8	98 480	54 005,671	1 631 037,516	30,201	29,739	77	58	58 727	10 586,782	88 601,488	8,369	7,907
28	9	98 411	52 779,963	1 577 031,845	29,879	29,417	78	59	55 735	9 826,275	78 014,707	7,939	7,477
29	10	98 345	51 583,969	1 524 251,882	29,549	29,087	79	60	52 542	9 059,463	68 188,432	7,527	7,065
30	11	98 273	50 412,117	1 472 667,913	29,213	28,751	80	61	49 183	8 293,717	59 128,969	7,129	6,667
31	12	98 202	49 267,315	1 422 255,796	28,868	28,406	81	62	45 719	7 539,977	50 835,252	6,742	6,280
32	13	98 124	48 144,926	1 372 988,481	28,518	28,056	82	63	42 121	6 793,714	43 295,275	6,373	5,911
33	14	98 043	47 046,675	1 324 843,555	28,160	27,698	83	64	38 477	6 069,328	36 501,562	6,014	5,552
34	15	97 958	45 971,313	1 277 796,880	27,796	27,334	84	65	34 836	5 374,205	30 432,233	5,663	5,201
35	16	97 868	44 918,407	1 231 825,566	27,424	26,962	85	66	31 170	4 702,840	25 058,028	5,328	4,866
36	17	97 771	43 886,328	1 186 907,159	27,045	26,583	86	67	27 547	4 064,635	20 355,188	5,008	4,546
37	18	97 669	42 875,926	1 143 020,831	26,659	26,197	87	68	23 995	3 462,629	16 290,554	4,705	4,243
38	19	97 554	41 883,088	1 100 144,905	26,267	25,805	88	69	20 548	2 899,992	12 827,925	4,423	3,961
39	20	97 427	40 907,981	1 058 261,816	25,869	25,407	89	70	17 315	2 389,890	9 927,932	4,154	3,692
40	21	97 293	39 953,005	1 017 353,835	25,464	25,002	90	71	14 251	1 923,759	7 538,042	3,918	3,456
41	22	97 148	39 015,551	977 400,830	25,052	24,590	91	72	11 592	1 530,340	5 614,283	3,669	3,207
42	23	96 993	38 096,213	938 385,279	24,632	24,170	92	73	9 141	1 180,262	4 083,943	3,460	2,998
43	24	96 823	37 192,424	900 289,066	24,206	23,744	93	74	7 047	889,849	2 903,681	3,263	2,801
44	25	96 630	36 301,807	863 096,642	23,776	23,314	94	75	5 293	653,657	2 013,831	3,081	2,619
45	26	96 417	35 424,565	826 794,835	23,340	22,878	95	76	3 866	466,950	1 360,175	2,913	2,451
46	27	96 181	34 560,132	791 370,270	22,898	22,436	96	77	2 742	323,900	893,225	2,758	2,296
47	28	95 917	33 706,978	756 810,138	22,453	21,991	97	78	1 886	217,820	569,325	2,614	2,152
48	29	95 616	32 861,788	723 103,160	22,004	21,542	98	79	1 254	141,660	351,504	2,481	2,019
49	30	95 282	32 026,399	690 241,372	21,552	21,090	99	80	805	88,984	209,844	2,358	1,896
							100	81	498	53,846	120,860	2,245	1,783

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	30	94 940	31 209,410	659 480,983	21,131	20,669
1							51	31	94 534	30 391,931	628 271,573	20,672	20,210
2							52	32	94 058	29 573,604	597 879,642	20,217	19,755
3							53	33	93 554	28 767,851	568 306,037	19,755	19,293
4							54	34	93 004	27 969,291	539 538,186	19,290	18,828
5							55	35	92 389	27 172,883	511 568,895	18,826	18,364
6							56	36	91 727	26 384,639	484 396,012	18,359	17,897
7							57	37	91 015	25 603,783	458 011,374	17,888	17,426
8							58	38	90 235	24 825,665	432 407,591	17,418	16,956
9							59	39	89 391	24 052,462	407 581,926	16,946	16,484
10							60	40	88 480	23 283,295	383 529,463	16,472	16,010
11							61	41	87 498	22 518,401	360 246,169	15,998	15,536
12							62	42	86 452	21 759,544	337 727,767	15,521	15,059
13							63	43	85 340	21 006,888	315 968,223	15,041	14,579
14							64	44	84 174	20 264,108	294 961,335	14,556	14,094
15							65	45	82 895	19 516,897	274 697,227	14,075	13,613
16							66	46	81 543	18 776,132	255 180,330	13,591	13,129
17							67	47	80 081	18 033,775	236 404,197	13,109	12,647
18							68	48	78 520	17 293,270	218 370,423	12,627	12,165
19							69	49	76 881	16 559,545	201 077,152	12,143	11,681
20	0	99 261	63 608,197	2 047 463,725	32,189	31,727	70	50	75 116	15 823,358	184 517,608	11,661	11,199
21	1	98 895	61 979,027	1 983 855,527	32,008	31,546	71	51	73 244	15 089,510	168 694,249	11,180	10,718
22	2	98 815	60 566,436	1 921 876,501	31,732	31,270	72	52	71 243	14 354,384	153 604,739	10,701	10,239
23	3	98 748	59 193,385	1 861 310,064	31,445	30,983	73	53	69 122	13 620,457	139 250,356	10,224	9,762
24	4	98 686	57 854,112	1 802 116,679	31,149	30,687	74	54	66 857	12 884,267	125 629,899	9,751	9,289
25	5	98 619	56 542,638	1 744 262,567	30,849	30,387	75	55	64 386	12 135,144	112 745,632	9,291	8,829
26	6	98 554	55 262,457	1 687 719,928	30,540	30,078	76	56	61 756	11 383,322	100 610,488	8,838	8,376
27	7	98 489	54 010,306	1 632 457,471	30,225	29,763	77	57	58 963	10 629,262	89 227,167	8,394	7,932
28	8	98 418	52 783,851	1 578 447,165	29,904	29,442	78	58	55 982	9 869,823	78 597,904	7,963	7,501
29	9	98 351	51 587,528	1 525 663,314	29,574	29,112	79	59	52 791	9 102,445	68 728,081	7,551	7,088
30	10	98 280	50 415,695	1 474 075,787	29,238	28,776	80	60	49 449	8 338,657	59 625,636	7,151	6,688
31	11	98 210	49 271,255	1 423 660,092	28,894	28,432	81	61	45 983	7 583,557	51 286,979	6,763	6,301
32	12	98 132	48 148,802	1 374 388,837	28,545	28,083	82	62	42 388	6 836,838	43 703,422	6,392	5,930
33	13	98 052	47 050,890	1 326 240,035	28,187	27,725	83	63	38 738	6 110,500	36 866,584	6,033	5,571
34	14	97 969	45 976,297	1 279 189,145	27,823	27,361	84	64	35 094	5 413,995	30 756,084	5,681	5,219
35	15	97 880	44 924,058	1 233 212,848	27,451	26,989	85	65	31 416	4 739,858	25 342,089	5,347	4,885
36	16	97 786	43 893,082	1 188 288,790	27,072	26,610	86	66	27 784	4 099,705	20 602,232	5,025	4,563
37	17	97 685	42 882,808	1 144 395,708	26,687	26,225	87	67	24 216	3 494,543	16 502,527	4,722	4,260
38	18	97 576	41 892,657	1 101 512,900	26,294	25,832	88	68	20 749	2 928,429	13 007,985	4,442	3,980
39	19	97 447	40 916,432	1 059 620,243	25,897	25,435	89	69	17 501	2 415,547	10 079,555	4,173	3,711
40	20	97 315	39 961,877	1 018 703,811	25,492	25,030	90	70	14 418	1 946,346	7 664,009	3,938	3,476
41	21	97 168	39 023,718	978 741,934	25,081	24,619	91	71	11 743	1 550,303	5 717,662	3,688	3,226
42	22	97 015	38 104,761	939 718,217	24,661	24,199	92	72	9 275	1 197,601	4 167,359	3,480	3,018
43	23	96 845	37 200,928	901 613,456	24,236	23,774	93	73	7 163	904,559	2 969,758	3,283	2,821
44	24	96 650	36 309,147	864 412,528	23,807	23,345	94	74	5 393	666,050	2 065,200	3,101	2,639
45	25	96 438	35 432,359	828 103,382	23,371	22,909	95	75	3 951	477,189	1 399,149	2,932	2,470
46	26	96 203	34 568,313	792 671,022	22,931	22,469	96	76	2 811	332,032	921,960	2,777	2,315
47	27	95 943	33 716,036	758 102,709	22,485	22,023	97	77	1 939	224,031	589,928	2,633	2,171
48	28	95 640	32 870,100	724 386,673	22,038	21,576	98	78	1 295	146,353	365,896	2,500	2,038
49	29	95 309	32 035,590	691 516,573	21,586	21,124	99	79	836	92,337	219,543	2,378	1,916
							100	80	520	56,193	127,206	2,264	1,802

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	29	94 968	31 218,367	660 640,860	21,162	20,700
1							51	30	94 561	30 400,536	629 422,493	20,704	20,242
2							52	31	94 087	29 582,539	599 021,957	20,249	19,787
3							53	32	93 587	28 778,052	569 439,418	19,787	19,325
4							54	33	93 038	27 979,521	540 661,366	19,323	18,861
5							55	34	92 428	27 184,430	512 681,845	18,859	18,397
6							56	35	91 763	26 395,137	485 497,415	18,393	17,931
7							57	36	91 058	25 615,956	459 102,277	17,923	17,460
8							58	37	90 283	24 838,921	433 486,321	17,452	16,990
9							59	38	89 441	24 065,860	408 647,400	16,980	16,518
10							60	39	88 538	23 298,708	384 581,540	16,507	16,045
11							61	40	87 560	22 534,316	361 282,832	16,033	15,571
12							62	41	86 521	21 776,998	338 748,516	15,555	15,093
13							63	42	85 416	21 025,602	316 971,518	15,076	14,613
14							64	43	84 261	20 284,879	295 945,915	14,589	14,127
15							65	44	82 988	19 538,842	275 661,037	14,108	13,646
16							66	45	81 646	18 799,994	256 122,194	13,624	13,162
17							67	46	80 194	18 059,222	237 322,200	13,141	12,679
18							68	47	78 664	17 321,593	219 262,978	12,658	12,196
19							69	48	77 017	16 588,881	201 941,385	12,173	11,711
20							70	49	75 271	15 855,985	185 352,504	11,690	11,228
21	0	99 208	62 175,045	1 985 401,085	31,932	31,470	71	50	73 405	15 122,825	169 496,519	11,208	10,746
22	1	98 842	60 582,428	1 923 226,040	31,746	31,284	72	51	71 418	14 389,592	154 373,694	10,728	10,266
23	2	98 763	59 202,203	1 862 643,612	31,462	31,000	73	52	69 312	13 657,953	139 984,102	10,249	9,787
24	3	98 697	57 860,577	1 803 441,408	31,169	30,707	74	53	67 058	12 923,121	126 326,149	9,775	9,313
25	4	98 630	56 549,378	1 745 580,831	30,868	30,406	75	54	64 592	12 173,994	113 403,028	9,315	8,853
26	5	98 564	55 268,044	1 689 031,453	30,561	30,099	76	55	61 976	11 423,798	101 229,035	8,861	8,399
27	6	98 497	54 015,010	1 633 763,410	30,246	29,784	77	56	59 186	10 669,510	89 805,237	8,417	7,955
28	7	98 426	52 788,381	1 579 748,399	29,926	29,464	78	57	56 207	9 909,427	79 135,727	7,986	7,524
29	8	98 359	51 591,327	1 526 960,018	29,597	29,135	79	58	53 025	9 142,786	69 226,300	7,572	7,110
30	9	98 287	50 419,173	1 475 368,691	29,262	28,800	80	59	49 684	8 378,219	60 083,514	7,171	6,709
31	10	98 217	49 274,752	1 424 949,518	28,918	28,456	81	60	46 233	7 624,649	51 705,295	6,781	6,319
32	11	98 140	48 152,653	1 375 674,766	28,569	28,107	82	61	42 633	6 876,354	44 080,646	6,410	5,948
33	12	98 060	47 054,678	1 327 522,113	28,212	27,750	83	62	38 983	6 149,288	37 204,292	6,050	5,588
34	13	97 977	45 980,415	1 280 467,436	27,848	27,386	84	63	35 332	5 450,721	31 055,004	5,697	5,235
35	14	97 891	44 928,928	1 234 487,020	27,476	27,014	85	64	31 648	4 774,951	25 604,283	5,362	4,900
36	15	97 798	43 898,604	1 189 558,092	27,098	26,636	86	65	28 003	4 131,975	20 829,332	5,041	4,579
37	16	97 700	42 889,407	1 145 659,488	26,712	26,250	87	66	24 425	3 524,694	16 697,358	4,737	4,275
38	17	97 592	41 899,381	1 102 770,081	26,319	25,857	88	67	20 941	2 955,419	13 172,664	4,457	3,995
39	18	97 469	40 925,780	1 060 870,700	25,922	25,460	89	68	17 672	2 439,233	10 217,245	4,189	3,727
40	19	97 335	39 970,132	1 019 944,920	25,518	25,056	90	69	14 573	1 967,241	7 778,012	3,954	3,492
41	20	97 190	39 032,383	979 974,788	25,107	24,645	91	70	11 881	1 568,505	5 810,770	3,705	3,243
42	21	97 035	38 112,737	940 942,406	24,688	24,226	92	71	9 396	1 213,224	4 242,265	3,497	3,035
43	22	96 867	37 209,275	902 829,668	24,264	23,802	93	72	7 269	917,847	3 029,041	3,300	2,838
44	23	96 672	36 317,448	865 620,393	23,835	23,373	94	73	5 483	677,060	2 111,194	3,118	2,656
45	24	96 458	35 439,523	829 302,945	23,401	22,938	95	74	4 026	486,237	1 434,134	2,949	2,487
46	25	96 225	34 575,919	793 863,422	22,960	22,498	96	75	2 873	339,313	947,897	2,794	2,332
47	26	95 966	33 724,018	759 287,503	22,515	22,053	97	76	1 988	229,656	608,584	2,650	2,188
48	27	95 666	32 878,933	725 563,485	22,068	21,606	98	77	1 332	150,526	378,927	2,517	2,055
49	28	95 333	32 043,693	692 684,553	21,617	21,155	99	78	863	95,396	228,401	2,394	1,932
							100	79	540	58,310	133,005	2,281	1,819

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	28	94 992	31 226,263	661 702,994	21,191	20,729
1							51	29	94 588	30 409,261	630 476,731	20,733	20,271
2							52	30	94 113	29 590,914	600 067,470	20,279	19,817
3							53	31	93 616	28 786,747	570 476,556	19,817	19,355
4							54	32	93 071	27 989,443	541 689,809	19,353	18,891
5							55	33	92 462	27 194,373	513 700,367	18,890	18,428
6							56	34	91 802	26 406,354	486 505,993	18,424	17,962
7							57	35	91 095	25 626,149	460 099,639	17,954	17,492
8							58	36	90 326	24 850,731	434 473,490	17,483	17,021
9							59	37	89 489	24 078,711	409 622,759	17,012	16,550
10							60	38	88 588	23 311,686	385 544,049	16,539	16,077
11							61	39	87 618	22 549,233	362 232,363	16,064	15,602
12							62	40	86 583	21 792,388	339 683,130	15,587	15,125
13							63	41	85 484	21 042,468	317 890,741	15,107	14,645
14							64	42	84 336	20 302,950	296 848,273	14,621	14,159
15							65	43	83 073	19 558,869	276 545,323	14,139	13,677
16							66	44	81 738	18 821,133	256 986,454	13,654	13,192
17							67	45	80 296	18 082,173	238 165,321	13,171	12,709
18							68	46	78 760	17 346,036	220 083,148	12,688	12,226
19							69	47	77 143	16 616,050	202 737,113	12,201	11,739
20							70	48	75 404	15 884,074	186 121,062	11,717	11,255
21							71	49	73 557	15 154,007	170 236,988	11,234	10,772
22	0	99 154	60 774,029	1 924 657,113	31,669	31,207	72	50	71 576	14 421,362	155 082,981	10,754	10,292
23	1	98 789	59 217,835	1 863 883,083	31,475	31,013	73	51	69 482	13 691,454	140 661,619	10,274	9,812
24	2	98 711	57 869,196	1 804 665,249	31,185	30,723	74	52	67 243	12 958,697	126 970,165	9,798	9,336
25	3	98 641	56 555,697	1 746 796,053	30,886	30,424	75	53	64 787	12 210,706	114 011,468	9,337	8,875
26	4	98 576	55 274,631	1 690 240,356	30,579	30,117	76	54	62 174	11 460,371	101 800,763	8,883	8,421
27	5	98 507	54 020,470	1 634 965,724	30,266	29,804	77	55	59 397	10 707,448	90 340,392	8,437	7,975
28	6	98 435	52 792,979	1 580 945,254	29,946	29,484	78	56	56 419	9 946,949	79 632,944	8,006	7,544
29	7	98 367	51 595,755	1 528 152,275	29,618	29,156	79	57	53 238	9 179,472	69 685,995	7,592	7,129
30	8	98 294	50 422,886	1 476 556,520	29,283	28,821	80	58	49 904	8 415,350	60 506,523	7,190	6,728
31	9	98 224	49 278,151	1 426 133,633	28,940	28,478	81	59	46 452	7 660,824	52 091,173	6,800	6,338
32	10	98 147	48 156,071	1 376 855,482	28,592	28,130	82	60	42 864	6 913,614	44 430,349	6,427	5,964
33	11	98 068	47 058,441	1 328 699,411	28,235	27,773	83	61	39 209	6 184,830	37 516,735	6,066	5,604
34	12	97 985	45 984,117	1 281 640,970	27,871	27,409	84	62	35 557	5 485,320	31 331,905	5,712	5,250
35	13	97 900	44 932,953	1 235 656,853	27,500	27,038	85	63	31 863	4 807,342	25 846,584	5,376	4,914
36	14	97 809	43 903,363	1 190 723,900	27,121	26,659	86	64	28 210	4 162,567	21 039,242	5,054	4,592
37	15	97 712	42 894,803	1 146 820,538	26,736	26,274	87	65	24 617	3 552,438	16 876,675	4,751	4,289
38	16	97 607	41 905,829	1 103 925,735	26,343	25,881	88	66	21 121	2 980,919	13 324,238	4,470	4,008
39	17	97 485	40 932,348	1 062 019,906	25,946	25,484	89	67	17 835	2 461,714	10 343,319	4,202	3,740
40	18	97 357	39 979,264	1 021 087,558	25,540	25,078	90	68	14 716	1 986,532	7 881,605	3,968	3,506
41	19	97 210	39 040,446	981 108,294	25,131	24,669	91	69	12 008	1 585,344	5 895,073	3,718	3,256
42	20	97 057	38 121,200	942 067,848	24,712	24,250	92	70	9 507	1 227,468	4 309,729	3,511	3,049
43	21	96 887	37 217,064	903 946,648	24,288	23,826	93	71	7 364	929,820	3 082,261	3,315	2,853
44	22	96 694	36 325,597	866 729,584	23,860	23,398	94	72	5 563	687,006	2 152,440	3,133	2,671
45	23	96 480	35 447,626	830 403,987	23,426	22,964	95	73	4 092	494,275	1 465,434	2,965	2,503
46	24	96 244	34 582,910	794 956,361	22,987	22,525	96	74	2 927	345,747	971,159	2,809	2,347
47	25	95 987	33 731,438	760 373,451	22,542	22,080	97	75	2 032	234,692	625,412	2,665	2,203
48	26	95 688	32 886,716	726 642,014	22,095	21,633	98	76	1 366	154,306	390,720	2,532	2,070
49	27	95 359	32 052,304	693 755,298	21,644	21,182	99	77	888	98,116	236,414	2,410	1,948
							100	78	557	60,242	138,298	2,296	1,834

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	27	95 017	31 234,654	662 676,490	21,216	20,754
1							51	28	94 612	30 416,952	631 441,836	20,760	20,298
2							52	29	94 140	29 599,407	601 024,883	20,305	19,843
3							53	30	93 642	28 794,896	571 425,476	19,845	19,383
4							54	31	93 099	27 997,899	542 630,580	19,381	18,919
5							55	32	92 494	27 204,016	514 632,681	18,918	18,456
6							56	33	91 836	26 416,013	487 428,665	18,452	17,990
7							57	34	91 133	25 637,039	461 012,652	17,982	17,520
8							58	35	90 362	24 860,619	435 375,613	17,513	17,051
9							59	36	89 531	24 090,159	410 514,994	17,041	16,579
10							60	37	88 635	23 324,134	386 424,835	16,568	16,106
11							61	38	87 667	22 561,794	363 100,702	16,094	15,632
12							62	39	86 640	21 806,815	340 538,908	15,616	15,154
13							63	40	85 545	21 057,339	318 732,093	15,136	14,674
14							64	41	84 403	20 319,236	297 674,754	14,650	14,188
15							65	42	83 147	19 576,294	277 355,518	14,168	13,706
16							66	43	81 822	18 840,425	257 779,224	13,682	13,220
17							67	44	80 386	18 102,504	238 938,800	13,199	12,737
18							68	45	78 860	17 368,080	220 836,295	12,715	12,253
19							69	46	77 252	16 639,497	203 468,215	12,228	11,766
20							70	47	75 527	15 910,089	186 828,718	11,743	11,281
21							71	48	73 687	15 180,853	170 918,629	11,259	10,797
22							72	49	71 723	14 451,097	155 737,776	10,777	10,315
23	0	99 101	59 405,120	1 865 208,667	31,398	30,936	73	50	69 635	13 721,682	141 286,678	10,297	9,835
24	1	98 737	57 884,475	1 805 803,546	31,197	30,735	74	51	67 408	12 990,482	127 564,996	9,820	9,358
25	2	98 656	56 564,122	1 747 919,071	30,902	30,440	75	52	64 966	12 244,321	114 574,514	9,357	8,895
26	3	98 587	55 280,808	1 691 354,949	30,596	30,134	76	53	62 362	11 494,931	102 330,193	8,902	8,440
27	4	98 519	54 026,909	1 636 074,141	30,283	29,821	77	54	59 587	10 741,727	90 835,262	8,456	7,994
28	5	98 445	52 798,316	1 582 047,232	29,964	29,502	78	55	56 620	9 982,318	80 093,535	8,024	7,562
29	6	98 376	51 600,249	1 529 248,916	29,636	29,174	79	56	53 439	9 214,230	70 111,217	7,609	7,147
30	7	98 302	50 427,214	1 477 648,667	29,303	28,841	80	57	50 104	8 449,117	60 896,987	7,207	6,745
31	8	98 231	49 281,781	1 427 221,453	28,960	28,498	81	58	46 658	7 694,776	52 447,870	6,816	6,354
32	9	98 154	48 159,393	1 377 939,672	28,612	28,150	82	59	43 068	6 946,415	44 753,094	6,443	5,981
33	10	98 075	47 061,781	1 329 780,279	28,256	27,794	83	60	39 421	6 218,343	37 806,679	6,080	5,618
34	11	97 993	45 987,795	1 282 718,498	27,893	27,431	84	61	35 762	5 517,025	31 588,336	5,726	5,264
35	12	97 908	44 936,570	1 236 730,703	27,522	27,060	85	62	32 065	4 837,857	26 071,311	5,389	4,927
36	13	97 817	43 907,296	1 191 794,133	27,143	26,681	86	63	28 402	4 190,804	21 233,453	5,067	4,605
37	14	97 722	42 899,453	1 147 886,837	26,758	26,296	87	64	24 799	3 578,739	17 042,649	4,762	4,300
38	15	97 619	41 911,101	1 104 987,385	26,365	25,903	88	65	21 288	3 004,382	13 463,910	4,481	4,019
39	16	97 500	40 938,648	1 063 076,284	25,968	25,506	89	66	17 989	2 482,954	10 459,527	4,213	3,751
40	17	97 373	39 985,680	1 022 137,636	25,563	25,101	90	67	14 852	2 004,841	7 976,573	3,979	3,517
41	18	97 232	39 049,365	982 151,956	25,152	24,690	91	68	12 126	1 600,890	5 971,733	3,730	3,268
42	19	97 077	38 129,075	943 102,590	24,734	24,272	92	69	9 609	1 240,646	4 370,843	3,523	3,061
43	20	96 908	37 225,328	904 973,515	24,311	23,849	93	70	7 450	940,737	3 130,197	3,327	2,865
44	21	96 714	36 333,201	867 748,188	23,883	23,421	94	71	5 636	695,968	2 189,460	3,146	2,684
45	22	96 501	35 455,579	831 414,986	23,449	22,987	95	72	4 153	501,536	1 493,491	2,978	2,516
46	23	96 266	34 590,817	795 959,407	23,011	22,549	96	73	2 975	351,462	991,955	2,822	2,360
47	24	96 006	33 738,258	761 368,591	22,567	22,105	97	74	2 070	239,142	640,493	2,678	2,216
48	25	95 710	32 893,952	727 630,333	22,120	21,658	98	75	1 396	157,689	401,351	2,545	2,083
49	26	95 382	32 059,892	694 736,381	21,670	21,208	99	76	910	100,580	243,662	2,423	1,961
							100	77	573	61,960	143,082	2,309	1,847

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	26	95 040	31 242,048	663 568,177	21,240	20,778
1							51	27	94 637	30 425,126	632 326,129	20,783	20,321
2							52	28	94 164	29 606,894	601 901,003	20,330	19,868
3							53	29	93 669	28 803,161	572 294,110	19,869	19,407
4							54	30	93 125	28 005,825	543 490,949	19,406	18,944
5							55	31	92 522	27 212,235	515 485,124	18,943	18,481
6							56	32	91 869	26 425,380	488 272,889	18,477	18,015
7							57	33	91 167	25 646,417	461 847,509	18,008	17,546
8							58	34	90 400	24 871,184	436 201,092	17,538	17,076
9							59	35	89 567	24 099,744	411 329,909	17,068	16,606
10							60	36	88 677	23 335,223	387 230,164	16,594	16,132
11							61	37	87 714	22 573,841	363 894,941	16,120	15,658
12							62	38	86 688	21 818,962	341 321,100	15,643	15,181
13							63	39	85 601	21 071,279	319 502,139	15,163	14,701
14							64	40	84 463	20 333,596	298 430,860	14,677	14,215
15							65	41	83 214	19 591,997	278 097,264	14,194	13,732
16							66	42	81 895	18 857,209	258 505,267	13,709	13,247
17							67	43	80 468	18 121,059	239 648,058	13,225	12,763
18							68	44	78 949	17 387,609	221 526,999	12,741	12,278
19							69	45	77 350	16 660,643	204 139,390	12,253	11,791
20							70	46	75 634	15 932,540	187 478,746	11,767	11,305
21							71	47	73 808	15 205,716	171 546,206	11,282	10,820
22							72	48	71 850	14 476,698	156 340,490	10,799	10,337
23							73	49	69 779	13 749,975	141 863,792	10,317	9,855
24	0	99 050	58 067,544	1 807 031,855	31,119	30,657	74	50	67 557	13 019,163	128 113,817	9,840	9,378
25	1	98 682	56 579,057	1 748 964,311	30,912	30,450	75	51	65 125	12 274,354	115 094,653	9,377	8,915
26	2	98 602	55 289,043	1 692 385,254	30,610	30,148	76	52	62 533	11 526,575	102 820,300	8,920	8,458
27	3	98 530	54 032,947	1 637 096,211	30,298	29,836	77	53	59 766	10 774,120	91 293,724	8,473	8,011
28	4	98 457	52 804,609	1 583 063,265	29,980	29,518	78	54	56 801	10 014,276	80 519,604	8,040	7,578
29	5	98 386	51 605,465	1 530 258,656	29,653	29,191	79	55	53 629	9 246,994	70 505,328	7,625	7,163
30	6	98 311	50 431,606	1 478 653,191	29,320	28,858	80	56	50 294	8 481,110	61 258,335	7,223	6,761
31	7	98 240	49 286,011	1 428 221,585	28,978	28,516	81	57	46 845	7 725,652	52 777,225	6,831	6,369
32	8	98 161	48 162,940	1 378 935,574	28,631	28,169	82	58	43 259	6 977,201	45 051,573	6,457	5,995
33	9	98 082	47 065,028	1 330 772,634	28,275	27,813	83	59	39 608	6 247,845	38 074,372	6,094	5,632
34	10	98 000	45 991,059	1 283 707,606	27,912	27,450	84	60	35 956	5 546,920	31 826,527	5,738	5,276
35	11	97 915	44 940,164	1 237 716,548	27,541	27,079	85	61	32 251	4 865,820	26 279,608	5,401	4,939
36	12	97 825	43 910,830	1 192 776,383	27,164	26,702	86	62	28 582	4 217,406	21 413,788	5,077	4,615
37	13	97 731	42 903,296	1 148 865,553	26,778	26,316	87	63	24 967	3 603,016	17 196,382	4,773	4,311
38	14	97 630	41 915,644	1 105 962,257	26,385	25,923	88	64	21 445	3 026,626	13 593,366	4,491	4,029
39	15	97 512	40 943,798	1 064 046,613	25,988	25,526	89	65	18 130	2 502,498	10 566,739	4,222	3,760
40	16	97 388	39 991,834	1 023 102,815	25,583	25,121	90	66	14 980	2 022,138	8 064,241	3,988	3,526
41	17	97 248	39 055,633	983 110,981	25,172	24,710	91	67	12 238	1 615,644	6 042,102	3,740	3,278
42	18	97 099	38 137,786	944 055,348	24,754	24,292	92	68	9 703	1 252,811	4 426,458	3,533	3,071
43	19	96 928	37 233,018	905 917,562	24,331	23,869	93	69	7 530	950,837	3 173,647	3,338	2,876
44	20	96 736	36 341,269	868 684,544	23,904	23,442	94	70	5 702	704,140	2 222,810	3,157	2,695
45	21	96 522	35 463,001	832 343,276	23,471	23,009	95	71	4 207	508,078	1 518,670	2,989	2,527
46	22	96 288	34 598,578	796 880,275	23,032	22,570	96	72	3 019	356,625	1 010,592	2,834	2,372
47	23	96 028	33 745,971	762 281,696	22,589	22,127	97	73	2 104	243,095	653,967	2,690	2,228
48	24	95 729	32 900,602	728 535,725	22,144	21,682	98	74	1 422	160,679	410,872	2,557	2,095
49	25	95 403	32 066,946	695 635,123	21,693	21,231	99	75	930	102,785	250,192	2,434	1,972
							100	76	588	63,516	147,407	2,321	1,859

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
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24						
25	0	98 994	56 757 997	1 750 102 861	30,834	30,372
26	1	98 628	55 303 641	1 693 344 864	30,619	30,157
27	2	98 545	54 040 996	1 638 041 223	30,311	29,849
28	3	98 468	52 810 509	1 584 000 227	29,994	29,532
29	4	98 397	51 611 616	1 531 189 718	29,668	29,206
30	5	98 321	50 436 704	1 479 578 101	29,335	28,873
31	6	98 248	49 290 304	1 429 141 397	28,994	28,532
32	7	98 169	48 167 074	1 379 851 094	28,647	28,185
33	8	98 089	47 068 494	1 331 684 020	28,292	27,830
34	9	98 007	45 994 231	1 284 615 526	27,930	27,468
35	10	97 922	44 943 354	1 238 621 294	27,560	27,098
36	11	97 833	43 914 342	1 193 677 941	27,182	26,720
37	12	97 739	42 906 750	1 149 763 599	26,797	26,335
38	13	97 638	41 919 399	1 106 856 849	26,404	25,942
39	14	97 522	40 948 236	1 064 937 450	26,007	25,545
40	15	97 400	39 996 865	1 023 989 213	25,602	25,140
41	16	97 263	39 061 643	983 992 348	25,191	24,729
42	17	97 115	38 143 907	944 930 705	24,773	24,311
43	18	96 951	37 241 524	906 786 798	24,349	23,887
44	19	96 756	36 348 776	869 545 274	23,922	23,460
45	20	96 543	35 470 875	833 196 498	23,490	23,028
46	21	96 308	34 605 821	797 725 622	23,052	22,590
47	22	96 050	33 753 543	763 119 801	22,609	22,147
48	23	95 751	32 908 124	729 366 258	22,164	21,702
49	24	95 422	32 073 429	696 458 134	21,714	21,252
50	25	95 061	31 248 922	664 384 705	21,261	20,799
51	26	94 660	30 432 328	633 135 783	20,805	20,343
52	27	94 189	29 614 850	602 703 454	20,351	19,889
53	28	93 693	28 810 446	573 088 605	19,892	19,430
54	29	93 152	28 013 863	544 278 159	19,429	18,967
55	30	92 549	27 219 939	516 264 296	18,966	18,504
56	31	91 896	26 433 363	489 044 357	18,501	18,039
57	32	91 199	25 655 511	462 610 993	18,032	17,570
58	33	90 433	24 880 281	436 955 482	17,562	17,100
59	34	89 605	24 109 986	412 075 202	17,091	16,629
60	35	88 712	23 344 508	387 965 216	16,619	16,157
61	36	87 755	22 584 574	364 620 708	16,145	15,683
62	37	86 734	21 830 612	342 036 134	15,668	15,206
63	38	85 649	21 083 016	320 205 522	15,188	14,726
64	39	84 519	20 347 057	299 122 506	14,701	14,239
65	40	83 272	19 605 843	278 775 449	14,219	13,757
66	41	81 960	18 872 335	259 169 606	13,733	13,271
67	42	80 540	18 137 203	240 297 271	13,249	12,787
68	43	79 030	17 405 431	222 160 068	12,764	12,302
69	44	77 437	16 679 377	204 754 637	12,276	11,814
70	45	75 730	15 952 788	188 075 260	11,789	11,327
71	46	73 912	15 227 173	172 122 472	11,304	10,842
72	47	71 968	14 500 408	156 895 299	10,820	10,358
73	48	69 903	13 774 334	142 394 891	10,338	9,876
74	49	67 696	13 046 007	128 620 557	9,859	9,397
75	50	65 269	12 301 454	115 574 550	9,395	8,933
76	51	62 687	11 554 848	103 273 096	8,938	8,476
77	52	59 931	10 803 780	91 718 248	8,489	8,027
78	53	56 973	10 044 475	80 914 468	8,056	7,594
79	54	53 801	9 276 597	70 869 993	7,640	7,178
80	55	50 473	8 511 267	61 593 396	7,237	6,775
81	56	47 022	7 754 905	53 082 129	6,845	6,383
82	57	43 432	7 005 198	45 327 224	6,471	6,008
83	58	39 784	6 275 535	38 322 026	6,107	5,645
84	59	36 127	5 573 236	32 046 491	5,750	5,288
85	60	32 425	4 892 185	26 473 255	5,411	4,949
86	61	28 747	4 241 782	21 581 070	5,088	4,626
87	62	25 126	3 625 887	17 339 287	4,782	4,320
88	63	21 591	3 047 158	13 713 400	4,500	4,038
89	64	18 265	2 521 026	10 666 243	4,231	3,769
90	65	15 098	2 038 055	8 145 216	3,997	3,535
91	66	12 344	1 629 584	6 107 161	3,748	3,286
92	67	9 793	1 264 358	4 477 577	3,541	3,079
93	68	7 604	960 161	3 213 219	3,347	2,885
94	69	5 763	711 699	2 253 058	3,166	2,704
95	70	4 256	514 044	1 541 359	2,998	2,536
96	71	3 059	361 277	1 027 315	2,844	2,382
97	72	2 135	246 666	666 038	2,700	2,238
98	73	1 446	163 335	419 372	2,568	2,106
99	74	948	104 734	256 036	2,445	1,983
100	75	601	64 908	151 302	2,331	1,869

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	0	100 000	100 000,000	3 368 789,257	33,688	33,225	50	50	93 336	27 155,244	510 088,373	18,784	18,322
1	1	99 299	96 877,238	3 268 789,257	33,742	33,279	51	51	92 757	26 328,799	482 933,128	18,342	17,880
2	2	99 240	94 458,512	3 171 912,019	33,580	33,118	52	52	92 093	25 502,556	456 604,329	17,904	17,442
3	3	99 207	92 123,529	3 077 453,507	33,406	32,943	53	53	91 380	24 688,026	431 101,773	17,462	17,000
4	4	99 182	89 854,075	2 985 329,978	33,224	32,762	54	54	90 602	23 880,916	406 413,747	17,018	16,556
5	5	99 157	87 640,424	2 895 475,903	33,038	32,576	55	55	89 754	23 080,279	382 532,831	16,574	16,112
6	6	99 136	85 484,974	2 807 835,478	32,846	32,384	56	56	88 831	22 285,748	359 452,552	16,129	15,667
7	7	99 117	83 383,901	2 722 350,504	32,648	32,186	57	57	87 851	21 502,291	337 166,804	15,681	15,218
8	8	99 101	81 336,463	2 638 966,603	32,445	31,983	58	58	86 796	20 725,910	315 664,513	15,230	14,768
9	9	99 085	79 340,194	2 557 630,140	32,236	31,774	59	59	85 653	19 954,143	294 938,602	14,781	14,318
10	10	99 070	77 393,649	2 478 289,947	32,022	31,559	60	60	84 435	19 190,630	274 984,459	14,329	13,867
11	11	99 055	75 493,893	2 400 896,298	31,803	31,340	61	61	83 107	18 428,149	255 793,830	13,881	13,418
12	12	99 038	73 640,368	2 325 402,406	31,578	31,115	62	62	81 707	17 675,783	237 365,680	13,429	12,966
13	13	99 019	71 830,484	2 251 762,037	31,348	30,886	63	63	80 218	16 930,459	219 689,897	12,976	12,514
14	14	98 999	70 064,473	2 179 931,554	31,113	30,651	64	64	78 670	16 198,797	202 759,439	12,517	12,055
15	15	98 974	68 337,916	2 109 867,081	30,874	30,412	65	65	76 991	15 466,425	186 560,642	12,062	11,600
16	16	98 944	66 650,883	2 041 529,165	30,630	30,168	66	66	75 240	14 745,898	171 094,217	11,603	11,140
17	17	98 903	64 998,362	1 974 878,282	30,384	29,921	67	67	73 362	14 027,250	156 348,318	11,146	10,684
18	18	98 853	63 381,380	1 909 879,921	30,133	29,671	68	68	71 392	13 317,688	142 321,068	10,687	10,224
19	19	98 783	61 791,603	1 846 498,541	29,883	29,420	69	69	69 345	12 620,321	129 003,380	10,222	9,759
20	20	98 714	60 242,586	1 784 706,937	29,625	29,163	70	70	67 172	11 926,613	116 383,060	9,758	9,296
21	21	98 639	58 728,601	1 724 464,352	29,363	28,901	71	71	64 881	11 238,840	104 456,447	9,294	8,832
22	22	98 566	57 253,248	1 665 735,750	29,094	28,632	72	72	62 449	10 553,718	93 217,607	8,833	8,370
23	23	98 491	55 814,623	1 608 482,502	28,818	28,356	73	73	59 876	9 872,166	82 663,889	8,373	7,911
24	24	98 417	54 412,382	1 552 667,880	28,535	28,073	74	74	57 144	9 191,945	72 791,723	7,919	7,457
25	25	98 342	53 044,822	1 498 255,497	28,245	27,783	75	75	54 182	8 502,819	63 599,778	7,480	7,017
26	26	98 266	51 711,237	1 445 210,675	27,948	27,485	76	76	51 034	7 813,534	55 096,958	7,051	6,589
27	27	98 186	50 408,741	1 393 499,439	27,644	27,182	77	77	47 712	7 126,772	47 283,424	6,635	6,172
28	28	98 098	49 134,927	1 343 090,698	27,335	26,872	78	78	44 221	6 444,177	40 156,652	6,231	5,769
29	29	98 014	47 895,594	1 293 955,770	27,016	26,554	79	79	40 542	5 763,958	33 712,475	5,849	5,386
30	30	97 921	46 683,283	1 246 060,176	26,692	26,229	80	80	36 771	5 100,269	27 948,517	5,480	5,017
31	31	97 831	45 502,640	1 199 376,893	26,358	25,896	81	81	32 943	4 457,877	22 848,248	5,125	4,663
32	32	97 732	44 347,736	1 153 874,252	26,019	25,556	82	82	29 089	3 840,401	18 390,371	4,789	4,326
33	33	97 625	43 218,954	1 109 526,516	25,672	25,210	83	83	25 277	3 255,750	14 549,970	4,469	4,007
34	34	97 515	42 117,242	1 066 307,562	25,318	24,855	84	84	21 610	2 715,445	11 294,220	4,159	3,697
35	35	97 396	41 039,961	1 024 190,320	24,956	24,494	85	85	18 078	2 216,316	8 578,776	3,871	3,408
36	36	97 276	39 989,441	983 150,359	24,585	24,123	86	86	14 781	1 767,865	6 362,460	3,599	3,137
37	37	97 144	38 961,200	943 160,918	24,208	23,745	87	87	11 769	1 373,342	4 594,595	3,346	2,883
38	38	97 000	37 954,592	904 199,718	23,823	23,361	88	88	9 075	1 033,165	3 221,253	3,118	2,655
39	39	96 839	36 967,577	866 245,126	23,433	22,970	89	89	6 784	753,495	2 188,088	2,904	2,442
40	40	96 664	36 000,693	829 277,549	23,035	22,573	90	90	4 850	525,525	1 434,593	2,730	2,267
41	41	96 472	35 052,798	793 276,855	22,631	22,168	91	91	3 378	357,076	909,068	2,546	2,083
42	42	96 263	34 123,645	758 224,057	22,220	21,757	92	92	2 223	229,225	551,992	2,408	1,946
43	43	96 030	33 210,858	724 100,412	21,803	21,341	93	93	1 412	142,089	322,767	2,272	1,809
44	44	95 760	32 309,943	690 889,554	21,383	20,921	94	94	857	84,105	180,679	2,148	1,686
45	45	95 463	31 423,851	658 579,612	20,958	20,496	95	95	495	47,415	96,573	2,037	1,574
46	46	95 130	30 550,685	627 155,760	20,528	20,066	96	96	272	25,391	49,159	1,936	1,474
47	47	94 761	29 689,927	596 605,075	20,095	19,632	97	97	141	12,882	23,768	1,845	1,383
48	48	94 333	28 834,941	566 915,149	19,661	19,198	98	98	69	6,175	10,886	1,763	1,300
49	49	93 864	27 991,835	538 080,208	19,223	18,760	99	99	32	2,790	4,711	1,688	1,226
							100	100	14	1,185	1,921	1,621	1,159

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß 2,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	1	99 685	99 684,731	3 361 831,607	33,725	33,262	50	51	93 130	27 095,422	504 327,779	18,613	18,151
1	2	99 273	96 851,666	3 262 146,875	33,682	33,219	51	52	92 530	26 264,378	477 232,357	18,170	17,708
2	3	99 226	94 444,443	3 165 295,209	33,515	33,052	52	53	91 840	25 432,542	450 967,979	17,732	17,270
3	4	99 196	92 113,236	3 070 850,766	33,338	32,875	53	54	91 105	24 613,800	425 535,437	17,288	16,826
4	5	99 170	89 843,366	2 978 737,530	33,155	32,692	54	55	90 313	23 804,706	400 921,637	16,842	16,380
5	6	99 147	87 631,566	2 888 894,165	32,966	32,504	55	56	89 436	22 998,502	377 116,930	16,397	15,935
6	7	99 128	85 477,530	2 801 262,598	32,772	32,309	56	57	88 496	22 201,681	354 118,428	15,950	15,488
7	8	99 109	83 376,744	2 715 785,069	32,572	32,110	57	58	87 500	21 416,356	331 916,747	15,498	15,036
8	9	99 093	81 330,473	2 632 408,325	32,367	31,904	58	59	86 413	20 634,461	310 500,391	15,048	14,585
9	10	99 078	79 334,720	2 551 077,852	32,156	31,693	59	60	85 248	19 859,919	289 865,929	14,596	14,133
10	11	99 063	77 388,156	2 471 743,131	31,940	31,477	60	61	83 980	19 087,205	270 006,010	14,146	13,683
11	12	99 047	75 487,856	2 394 354,975	31,718	31,256	61	62	82 629	18 322,248	250 918,806	13,695	13,232
12	13	99 030	73 634,440	2 318 867,120	31,492	31,029	62	63	81 191	17 564,291	232 596,558	13,243	12,780
13	14	99 010	71 824,049	2 245 232,680	31,260	30,798	63	64	79 678	16 816,384	215 032,267	12,787	12,325
14	15	98 989	70 056,879	2 173 408,630	31,023	30,561	64	65	78 092	16 079,745	198 215,883	12,327	11,865
15	16	98 961	68 329,319	2 103 351,751	30,783	30,320	65	66	76 390	15 345,634	182 136,138	11,869	11,407
16	17	98 928	66 640,627	2 035 022,432	30,537	30,075	66	67	74 596	14 619,758	166 790,504	11,409	10,946
17	18	98 887	64 987,931	1 968 381,805	30,288	29,826	67	68	72 692	13 899,149	152 170,746	10,948	10,486
18	19	98 831	63 366,903	1 903 393,874	30,038	29,575	68	69	70 699	13 188,365	138 271,597	10,484	10,022
19	20	98 763	61 778,841	1 840 026,971	29,784	29,322	69	70	68 609	12 486,274	125 083,232	10,018	9,555
20	21	98 693	60 229,213	1 778 248,130	29,525	29,062	70	71	66 392	11 788,208	112 596,958	9,552	9,089
21	22	98 619	58 716,310	1 718 018,917	29,260	28,797	71	72	64 045	11 094,115	100 808,751	9,087	8,624
22	23	98 543	57 240,404	1 659 302,607	28,988	28,526	72	73	61 545	10 400,924	89 714,635	8,626	8,163
23	24	98 469	55 801,864	1 602 062,203	28,710	28,247	73	74	58 903	9 711,633	79 313,711	8,167	7,704
24	25	98 397	54 401,384	1 546 260,338	28,423	27,961	74	75	56 081	9 020,906	69 602,078	7,716	7,253
25	26	98 321	53 033,153	1 491 858,955	28,131	27,668	75	76	53 019	8 320,366	60 581,172	7,281	6,819
26	27	98 243	51 698,998	1 438 825,802	27,831	27,368	76	77	49 784	7 622,158	52 260,806	6,856	6,394
27	28	98 160	50 395,199	1 387 126,803	27,525	27,063	77	78	46 390	6 929,192	44 638,648	6,442	5,980
28	29	98 073	49 122,503	1 336 731,605	27,212	26,750	78	79	42 803	6 237,523	37 709,456	6,046	5,583
29	30	97 986	47 881,852	1 287 609,102	26,891	26,429	79	80	39 070	5 554,692	31 471,932	5,666	5,203
30	31	97 894	46 670,070	1 239 727,250	26,564	26,101	80	81	35 235	4 887,253	25 917,240	5,303	4,841
31	32	97 801	45 488,898	1 193 057,180	26,227	25,765	81	82	31 375	4 245,725	21 029,987	4,953	4,491
32	33	97 697	44 332,016	1 147 568,282	25,886	25,423	82	83	27 485	3 628,625	16 784,262	4,626	4,163
33	34	97 589	43 203,152	1 103 236,266	25,536	25,074	83	84	23 692	3 051,577	13 155,637	4,311	3,849
34	35	97 474	42 099,352	1 060 033,114	25,179	24,717	84	85	20 047	2 519,075	10 104,060	4,011	3,549
35	36	97 358	41 023,637	1 017 933,762	24,813	24,351	85	86	16 582	2 032,905	7 584,985	3,731	3,269
36	37	97 230	39 970,438	976 910,126	24,441	23,978	86	87	13 388	1 601,292	5 552,080	3,467	3,005
37	38	97 092	38 940,407	936 939,688	24,061	23,598	87	88	10 495	1 224,621	3 950,788	3,226	2,764
38	39	96 946	37 933,462	897 999,281	23,673	23,211	88	89	7 966	906,822	2 726,168	3,006	2,544
39	40	96 775	36 943,121	860 065,819	23,281	22,818	89	90	5 824	646,862	1 819,345	2,813	2,350
40	41	96 596	35 975,269	823 122,698	22,880	22,418	90	91	4 099	444,176	1 172,483	2,640	2,177
41	42	96 395	35 024,703	787 147,429	22,474	22,012	91	92	2 778	293,628	728,307	2,480	2,018
42	43	96 177	34 093,272	752 122,725	22,061	21,598	92	93	1 802	185,850	434,678	2,339	1,876
43	44	95 932	33 176,852	718 029,453	21,642	21,180	93	94	1 119	112,640	248,828	2,209	1,747
44	45	95 653	32 273,654	684 852,601	21,220	20,758	94	95	663	65,107	136,188	2,092	1,629
45	46	95 341	31 383,967	652 578,947	20,793	20,331	95	96	374	35,795	71,081	1,986	1,523
46	47	94 996	30 507,636	621 194,981	20,362	19,900	96	97	200	18,670	35,285	1,890	1,428
47	48	94 606	29 641,380	590 687,345	19,928	19,465	97	98	101	9,213	16,615	1,803	1,341
48	49	94 166	28 783,949	561 045,965	19,492	19,029	98	99	48	4,291	7,402	1,725	1,263
49	50	93 671	27 934,237	532 262,016	19,054	18,592	99	100	22	1,881	3,111	1,654	1,192

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	2	99 658	99 658,418	3 354 682,589	33,662	33,199	50	52	92 902	27 029,125	498 145,363	18,430	17,968
1	3	99 258	96 837,241	3 255 024,171	33,613	33,151	51	53	92 276	26 192,272	471 116,239	17,987	17,524
2	4	99 215	94 433,891	3 158 186,930	33,443	32,981	52	54	91 564	25 356,078	444 923,966	17,547	17,085
3	5	99 184	92 102,258	3 063 753,040	33,265	32,802	53	55	90 815	24 535,252	419 567,888	17,101	16,638
4	6	99 160	89 834,285	2 971 650,782	33,079	32,617	54	56	89 993	23 720,362	395 032,636	16,654	16,191
5	7	99 138	87 623,934	2 881 816,497	32,888	32,426	55	57	89 099	22 911,747	371 312,274	16,206	15,744
6	8	99 119	85 470,193	2 794 192,563	32,692	32,230	56	58	88 142	22 112,951	348 400,527	15,755	15,293
7	9	99 101	83 370,604	2 708 722,369	32,490	32,028	57	59	87 113	21 321,861	326 287,576	15,303	14,841
8	10	99 086	81 324,862	2 625 351,765	32,282	31,820	58	60	86 005	20 537,025	304 965,715	14,850	14,387
9	11	99 071	79 329,090	2 544 026,903	32,069	31,607	59	61	84 789	19 752,887	284 428,690	14,399	13,937
10	12	99 055	77 381,967	2 464 697,813	31,851	31,389	60	62	83 497	18 977,516	264 675,803	13,947	13,484
11	13	99 039	75 481,779	2 387 315,845	31,628	31,165	61	63	82 108	18 206,678	245 698,287	13,495	13,033
12	14	99 021	73 627,844	2 311 834,067	31,399	30,936	62	64	80 644	17 445,945	227 491,609	13,040	12,577
13	15	99 000	71 816,265	2 238 206,222	31,166	30,703	63	65	79 092	16 692,793	210 045,664	12,583	12,121
14	16	98 976	70 048,066	2 166 389,958	30,927	30,465	64	66	77 482	15 954,164	193 352,871	12,119	11,657
15	17	98 946	68 318,805	2 096 341,892	30,685	30,222	65	67	75 736	15 214,364	177 398,707	11,660	11,198
16	18	98 913	66 629,933	2 028 023,086	30,437	29,975	66	68	73 915	14 486,246	162 184,343	11,196	10,733
17	19	98 864	64 973,087	1 961 393,153	30,188	29,725	67	69	71 986	13 764,179	147 698,097	10,731	10,268
18	20	98 810	63 353,815	1 896 420,066	29,934	29,471	68	70	69 948	13 048,285	133 933,918	10,264	9,802
19	21	98 741	61 765,127	1 833 066,251	29,678	29,216	69	71	67 813	12 341,374	120 885,633	9,795	9,333
20	22	98 672	60 216,607	1 771 301,124	29,415	28,953	70	72	65 537	11 636,409	108 544,259	9,328	8,866
21	23	98 597	58 703,138	1 711 084,517	29,148	28,686	71	73	63 118	10 933,498	96 907,851	8,863	8,401
22	24	98 521	57 227,320	1 652 381,379	28,874	28,412	72	74	60 544	10 231,793	85 974,353	8,403	7,940
23	25	98 449	55 790,585	1 595 154,058	28,592	28,129	73	75	57 807	9 530,923	75 742,560	7,947	7,485
24	26	98 376	54 389,416	1 539 363,473	28,303	27,840	74	76	54 878	8 827,336	66 211,637	7,501	7,038
25	27	98 297	53 020,602	1 484 974,057	28,007	27,545	75	77	51 721	8 116,577	57 384,301	7,070	6,608
26	28	98 217	51 685,109	1 431 953,455	27,705	27,243	76	78	48 404	7 410,844	49 267,724	6,648	6,186
27	29	98 135	50 382,455	1 380 268,345	27,396	26,933	77	79	44 902	6 706,985	41 856,880	6,241	5,778
28	30	98 045	49 108,408	1 329 885,890	27,081	26,618	78	80	41 249	6 011,064	35 149,895	5,848	5,385
29	31	97 958	47 868,300	1 280 777,482	26,756	26,294	79	81	37 438	5 322,697	29 138,831	5,474	5,012
30	32	97 864	46 655,975	1 232 909,182	26,426	25,963	80	82	33 558	4 654,667	23 816,134	5,117	4,654
31	33	97 767	45 472,773	1 186 253,207	26,087	25,625	81	83	29 645	4 011,597	19 161,467	4,777	4,314
32	34	97 661	44 315,807	1 140 780,434	25,742	25,280	82	84	25 762	3 401,068	15 149,869	4,454	3,992
33	35	97 548	43 184,800	1 096 464,627	25,390	24,928	83	85	21 979	2 830,900	11 748,801	4,150	3,688
34	36	97 435	42 082,607	1 053 279,827	25,029	24,566	84	86	18 388	2 310,610	8 917,901	3,860	3,397
35	37	97 311	41 004,142	1 011 197,221	24,661	24,198	85	87	15 020	1 841,360	6 607,291	3,588	3,126
36	38	97 178	39 949,106	970 193,079	24,286	23,823	86	88	11 938	1 427,885	4 765,932	3,338	2,875
37	39	97 038	38 918,728	930 243,973	23,902	23,440	87	89	9 211	1 074,865	3 338,046	3,106	2,643
38	40	96 882	37 908,367	891 325,245	23,513	23,050	88	90	6 838	778,492	2 263,181	2,907	2,445
39	41	96 707	36 917,031	853 416,877	23,117	22,655	89	91	4 923	546,731	1 484,690	2,716	2,253
40	42	96 518	35 946,435	816 499,846	22,714	22,252	90	92	3 371	365,252	937,959	2,568	2,106
41	43	96 309	34 993,528	780 553,411	22,306	21,843	91	93	2 252	238,066	572,706	2,406	1,943
42	44	96 078	34 058,363	745 559,883	21,891	21,428	92	94	1 429	147,332	334,640	2,271	1,809
43	45	95 824	33 139,590	711 501,521	21,470	21,007	93	95	867	87,197	187,308	2,148	1,686
44	46	95 532	32 232,691	678 361,931	21,046	20,583	94	96	501	49,153	100,111	2,037	1,574
45	47	95 207	31 339,744	646 129,240	20,617	20,155	95	97	275	26,320	50,959	1,936	1,474
46	48	94 841	30 457,752	614 789,497	20,185	19,723	96	98	143	13,353	24,639	1,845	1,383
47	49	94 439	29 588,961	584 331,744	19,748	19,286	97	99	70	6,402	11,285	1,763	1,301
48	50	93 973	28 724,721	554 742,783	19,312	18,850	98	100	33	2,892	4,884	1,689	1,226
49	51	93 465	27 872,698	526 018,062	18,872	18,410							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	3	99 644	99 643,575	3 347 031,993	33,590	33,128
1	4	99 247	96 826,421	3 247 388,418	33,538	33,076
2	5	99 203	94 422,636	3 150 561,998	33,367	32,904
3	6	99 174	92 092,948	3 056 139,362	33,185	32,723
4	7	99 152	89 826,461	2 964 046,413	32,997	32,535
5	8	99 130	87 616,414	2 874 219,952	32,805	32,342
6	9	99 112	85 463,899	2 786 603,538	32,606	32,143
7	10	99 095	83 364,853	2 701 139,639	32,401	31,939
8	11	99 079	81 319,091	2 617 774,786	32,191	31,729
9	12	99 063	79 322,746	2 536 455,695	31,976	31,514
10	13	99 047	77 375,738	2 457 132,949	31,756	31,293
11	14	99 030	75 475,017	2 379 757,211	31,530	31,068
12	15	99 011	73 619,864	2 304 282,194	31,300	30,837
13	16	98 987	71 807,231	2 230 662,330	31,065	30,602
14	17	98 961	70 037,288	2 158 855,099	30,824	30,362
15	18	98 930	68 307,842	2 088 817,811	30,579	30,117
16	19	98 890	66 614,714	2 020 509,969	30,331	29,869
17	20	98 844	64 959,668	1 953 895,255	30,079	29,616
18	21	98 788	63 339,751	1 888 935,587	29,822	29,360
19	22	98 720	61 752,200	1 825 595,836	29,563	29,101
20	23	98 650	60 203,099	1 763 843,636	29,298	28,836
21	24	98 574	58 689,720	1 703 640,537	29,028	28,566
22	25	98 501	57 215,753	1 644 950,817	28,750	28,288
23	26	98 427	55 778,312	1 587 735,065	28,465	28,003
24	27	98 352	54 376,544	1 531 956,753	28,173	27,711
25	28	98 271	53 006,358	1 477 580,209	27,876	27,413
26	29	98 192	51 672,040	1 424 573,850	27,570	27,107
27	30	98 107	50 367,999	1 372 901,811	27,257	26,795
28	31	98 017	49 094,509	1 322 533,811	26,939	26,476
29	32	97 928	47 853,842	1 273 439,302	26,611	26,149
30	33	97 829	46 639,437	1 225 585,460	26,278	25,815
31	34	97 731	45 456,147	1 178 946,023	25,936	25,473
32	35	97 620	44 296,983	1 133 489,877	25,588	25,126
33	36	97 509	43 167,623	1 089 192,894	25,232	24,769
34	37	97 388	42 062,609	1 046 025,271	24,868	24,406
35	38	97 259	40 982,258	1 003 962,662	24,497	24,035
36	39	97 124	39 926,866	962 980,404	24,119	23,656
37	40	96 974	38 892,981	923 053,538	23,733	23,271
38	41	96 813	37 881,596	884 160,557	23,340	22,878
39	42	96 629	36 887,442	846 278,961	22,942	22,480
40	43	96 433	35 914,439	809 391,519	22,537	22,074
41	44	96 210	34 957,697	773 477,080	22,126	21,664
42	45	95 971	34 020,110	738 519,383	21,708	21,246
43	46	95 702	33 097,528	704 499,273	21,286	20,823
44	47	95 397	32 187,271	671 401,745	20,859	20,397
45	48	95 051	31 288,499	639 214,474	20,430	19,967
46	49	94 673	30 403,890	607 925,974	19,995	19,533
47	50	94 245	29 528,078	577 522,084	19,558	19,096
48	51	93 766	28 661,441	547 994,007	19,120	18,657
49	52	93 236	27 804,500	519 332,566	18,678	18,216
50	53	92 647	26 954,920	491 528,066	18,235	17,773
51	54	91 999	26 113,524	464 573,147	17,791	17,328
52	55	91 271	25 275,161	438 459,623	17,347	16,885
53	56	90 493	24 448,320	413 184,461	16,900	16,438
54	57	89 654	23 630,884	388 736,141	16,450	15,988
55	58	88 742	22 820,179	365 105,257	15,999	15,537
56	59	87 753	22 015,382	342 285,078	15,548	15,085
57	60	86 702	21 221,178	320 269,697	15,092	14,630
58	61	85 541	20 426,344	299 048,518	14,640	14,178
59	62	84 302	19 639,373	278 622,175	14,187	13,724
60	63	82 970	18 857,813	258 982,802	13,733	13,271
61	64	81 555	18 084,004	240 124,989	13,278	12,816
62	65	80 052	17 317,727	222 040,985	12,822	12,359
63	66	78 474	16 562,424	204 723,258	12,361	11,898
64	67	76 819	15 817,688	188 160,833	11,896	11,433
65	68	75 045	15 075,422	172 343,145	11,432	10,970
66	69	73 197	14 345,575	157 267,724	10,963	10,500
67	70	71 222	13 617,983	142 922,148	10,495	10,033
68	71	69 136	12 896,863	129 304,165	10,026	9,564
69	72	66 939	12 182,452	116 407,302	9,555	9,093
70	73	64 589	11 467,940	104 224,851	9,088	8,626
71	74	62 092	10 755,706	92 756,911	8,624	8,162
72	75	59 417	10 041,404	82 001,205	8,166	7,704
73	76	56 566	9 326,410	71 959,800	7,716	7,253
74	77	53 534	8 611,129	62 633,391	7,274	6,811
75	78	50 287	7 891,556	54 022,262	6,846	6,383
76	79	46 852	7 173,191	46 130,706	6,431	5,969
77	80	43 272	6 463,481	38 957,515	6,027	5,565
78	81	39 526	5 760,009	32 494,033	5,641	5,179
79	82	35 657	5 069,388	26 734,025	5,274	4,811
80	83	31 708	4 397,989	21 664,637	4,926	4,464
81	84	27 786	3 760,024	17 266,648	4,592	4,130
82	85	23 899	3 155,117	13 506,624	4,281	3,818
83	86	20 160	2 596,630	10 351,507	3,987	3,524
84	87	16 655	2 092,898	7 754,877	3,705	3,243
85	88	13 393	1 641,956	5 661,979	3,448	2,986
86	89	10 478	1 253,273	4 020,023	3,208	2,745
87	90	7 908	922,754	2 766,750	2,998	2,536
88	91	5 780	657,985	1 843,996	2,802	2,340
89	92	4 048	449,584	1 186,012	2,638	2,176
90	93	2 733	296,137	736,427	2,487	2,024
91	94	1 785	188,726	440,290	2,333	1,871
92	95	1 106	114,052	251,564	2,206	1,743
93	96	654	65,829	137,512	2,089	1,627
94	97	368	36,142	71,683	1,983	1,521
95	98	197	18,825	35,541	1,888	1,426
96	99	99	9,278	16,716	1,802	1,339
97	100	47	4,315	7,438	1,724	1,261

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	4	99 632	99 632,441	3 338 848,266	33,512	33,049	50	54	92 368	26 873,879	484 466,009	18,027	17,565
1	5	99 235	96 814,881	3 239 215,825	33,458	32,995	51	55	91 705	26 030,190	457 592,131	17,579	17,117
2	6	99 193	94 413,092	3 142 400,944	33,284	32,821	52	56	90 948	25 185,607	431 561,941	17,135	16,673
3	7	99 165	92 084,928	3 047 987,851	33,100	32,637	53	57	90 151	24 356,096	406 376,333	16,685	16,222
4	8	99 143	89 818,752	2 955 902,923	32,910	32,447	54	58	89 295	23 536,442	382 020,238	16,231	15,769
5	9	99 123	87 609,961	2 866 084,171	32,714	32,252	55	59	88 351	22 719,489	358 483,796	15,779	15,316
6	10	99 105	85 458,003	2 778 474,210	32,513	32,050	56	60	87 339	21 911,425	335 764,307	15,324	14,861
7	11	99 088	83 358,936	2 693 016,207	32,306	31,844	57	61	86 235	21 106,810	313 852,882	14,870	14,407
8	12	99 071	81 312,588	2 609 657,271	32,094	31,632	58	62	85 050	20 308,959	292 746,072	14,415	13,952
9	13	99 055	79 316,361	2 528 344,683	31,877	31,414	59	63	83 770	19 515,495	272 437,113	13,960	13,498
10	14	99 039	77 368,807	2 449 028,322	31,654	31,192	60	64	82 411	18 730,751	252 921,618	13,503	13,041
11	15	99 019	75 466,837	2 371 659,515	31,427	30,964	61	65	80 956	17 951,097	234 190,867	13,046	12,584
12	16	98 998	73 610,603	2 296 192,678	31,194	30,731	62	66	79 427	17 182,478	216 239,770	12,585	12,122
13	17	98 972	71 796,182	2 222 582,074	30,957	30,494	63	67	77 803	16 420,745	199 057,292	12,122	11,660
14	18	98 945	70 026,049	2 150 785,893	30,714	30,252	64	68	76 118	15 673,236	182 636,546	11,653	11,190
15	19	98 908	68 292,240	2 080 759,844	30,468	30,006	65	69	74 316	14 929,030	166 963,310	11,184	10,721
16	20	98 869	66 600,956	2 012 467,604	30,217	29,754	66	70	72 420	14 193,204	152 034,280	10,712	10,249
17	21	98 822	64 945,247	1 945 866,649	29,962	29,499	67	71	70 395	13 459,950	137 841,077	10,241	9,778
18	22	98 768	63 326,495	1 880 921,401	29,702	29,240	68	72	68 246	12 730,788	124 381,127	9,770	9,308
19	23	98 698	61 738,347	1 817 594,906	29,440	28,978	69	73	65 970	12 006,077	111 650,339	9,299	8,837
20	24	98 627	60 189,338	1 755 856,559	29,172	28,710	70	74	63 538	11 281,457	99 644,261	8,833	8,370
21	25	98 554	58 677,856	1 695 667,222	28,898	28,435	71	75	60 936	10 555,569	88 362,804	8,371	7,909
22	26	98 479	57 203,166	1 636 989,366	28,617	28,155	72	76	58 142	9 825,936	77 807,235	7,919	7,456
23	27	98 404	55 765,111	1 579 786,199	28,329	27,867	73	77	55 181	9 097,980	67 981,299	7,472	7,010
24	28	98 326	54 361,936	1 524 021,088	28,035	27,572	74	78	52 049	8 372,397	58 883,319	7,033	6,571
25	29	98 246	52 992,954	1 469 659,152	27,733	27,271	75	79	48 674	7 638,487	50 510,922	6,613	6,150
26	30	98 164	51 657,214	1 416 666,198	27,424	26,962	76	80	45 151	6 912,762	42 872,435	6,202	5,740
27	31	98 079	50 353,744	1 365 008,984	27,108	26,646	77	81	41 464	6 193,530	35 959,673	5,806	5,344
28	32	97 987	49 079,681	1 314 655,240	26,786	26,324	78	82	37 645	5 485,888	29 766,143	5,426	4,964
29	33	97 894	47 836,880	1 265 575,559	26,456	25,994	79	83	33 690	4 789,840	24 280,255	5,069	4,607
30	34	97 794	46 622,384	1 217 738,679	26,119	25,657	80	84	29 719	4 122,184	19 490,415	4,728	4,266
31	35	97 690	45 436,838	1 171 116,296	25,775	25,312	81	85	25 776	3 488,115	15 368,231	4,406	3,943
32	36	97 581	44 279,363	1 125 679,458	25,422	24,960	82	86	21 921	2 894,017	11 880,116	4,105	3,643
33	37	97 463	43 147,109	1 081 400,094	25,063	24,601	83	87	18 260	2 351,968	8 986,099	3,821	3,358
34	38	97 337	42 040,160	1 038 252,985	24,697	24,234	84	88	14 852	1 866,255	6 634,131	3,555	3,092
35	39	97 205	40 959,443	996 212,825	24,322	23,860	85	89	11 756	1 441,166	4 767,876	3,308	2,846
36	40	97 059	39 900,452	955 253,382	23,941	23,478	86	90	8 996	1 075,914	3 326,710	3,092	2,630
37	41	96 905	38 865,514	915 352,930	23,552	23,089	87	91	6 684	779,915	2 250,796	2,886	2,424
38	42	96 736	37 851,234	876 487,416	23,156	22,694	88	92	4 753	541,070	1 470,881	2,718	2,256
39	43	96 543	36 854,609	838 636,182	22,755	22,293	89	93	3 282	364,511	929,812	2,551	2,088
40	44	96 334	35 877,665	801 781,573	22,348	21,885	90	94	2 167	234,762	565,300	2,408	1,946
41	45	96 102	34 918,434	765 903,907	21,934	21,472	91	95	1 382	146,096	330,538	2,262	1,800
42	46	95 849	33 976,930	730 985,473	21,514	21,052	92	96	835	86,103	184,442	2,142	1,680
43	47	95 567	33 050,890	697 008,543	21,089	20,627	93	97	481	48,404	98,339	2,032	1,569
44	48	95 241	32 134,641	663 957,653	20,662	20,199	94	98	263	25,850	49,935	1,932	1,469
45	49	94 883	31 233,168	631 823,012	20,229	19,767	95	99	137	13,080	24,086	1,841	1,379
46	50	94 478	30 341,329	600 589,844	19,794	19,332	96	100	67	6,254	11,006	1,760	1,297
47	51	94 037	29 463,027	570 248,515	19,355	18,892							
48	52	93 536	28 591,312	540 785,487	18,914	18,452							
49	53	92 980	27 728,166	512 194,175	18,472	18,010							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß 2,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	5	99 621	99 620,567	3 330 109,050	33,428	32,966	50	55	92 074	26 788,118	476 950,028	17,805	17,342
1	6	99 225	96 805,095	3 230 488,483	33,371	32,909	51	56	91 380	25 937,961	450 161,910	17,355	16,893
2	7	99 184	94 404,870	3 133 683,388	33,194	32,732	52	57	90 605	25 090,602	424 223,949	16,908	16,445
3	8	99 157	92 077,025	3 039 278,518	33,008	32,546	53	58	89 791	24 258,755	399 133,347	16,453	15,991
4	9	99 136	89 812,137	2 947 201,493	32,815	32,353	54	59	88 901	23 432,592	374 874,592	15,998	15,536
5	10	99 116	87 603,918	2 857 389,356	32,617	32,155	55	60	87 934	22 612,207	351 442,001	15,542	15,080
6	11	99 098	85 451,938	2 769 785,438	32,413	31,951	56	61	86 868	21 793,336	328 829,793	15,089	14,626
7	12	99 080	83 352,270	2 684 333,500	32,205	31,742	57	62	85 739	20 985,515	307 036,457	14,631	14,168
8	13	99 064	81 306,042	2 600 981,230	31,990	31,528	58	63	84 513	20 180,858	286 050,942	14,174	13,712
9	14	99 046	79 309,256	2 519 675,187	31,770	31,308	59	64	83 205	19 384,002	265 870,084	13,716	13,254
10	15	99 028	77 360,421	2 440 365,932	31,545	31,083	60	65	81 806	18 593,091	246 486,082	13,257	12,794
11	16	99 007	75 457,344	2 363 005,510	31,316	30,853	61	66	80 323	17 810,901	227 892,991	12,795	12,333
12	17	98 983	73 599,277	2 287 548,166	31,081	30,619	62	67	78 747	17 035,495	210 082,090	12,332	11,870
13	18	98 956	71 784,660	2 213 948,890	30,842	30,379	63	68	77 092	16 270,786	193 046,595	11,865	11,402
14	19	98 922	70 010,054	2 142 164,229	30,598	30,136	64	69	75 379	15 521,039	176 775,809	11,389	10,927
15	20	98 887	68 278,135	2 072 154,175	30,349	29,886	65	70	73 527	14 770,461	161 254,770	10,917	10,455
16	21	98 848	66 586,171	2 003 876,040	30,094	29,632	66	71	71 579	14 028,495	146 484,309	10,442	9,979
17	22	98 801	64 931,655	1 937 289,870	29,836	29,373	67	72	69 489	13 286,624	132 455,813	9,969	9,507
18	23	98 746	63 312,289	1 872 358,215	29,573	29,111	68	73	67 258	12 546,475	119 169,190	9,498	9,036
19	24	98 675	61 724,235	1 809 045,926	29,309	28,846	69	74	64 897	11 810,844	106 622,715	9,028	8,565
20	25	98 607	60 177,171	1 747 321,691	29,036	28,574	70	75	62 356	11 071,537	94 811,871	8,564	8,101
21	26	98 533	58 664,948	1 687 144,520	28,759	28,297	71	76	59 629	10 329,068	83 740,333	8,107	7,645
22	27	98 456	57 189,628	1 628 479,572	28,475	28,013	72	77	56 718	9 585,272	73 411,265	7,659	7,196
23	28	98 377	55 750,130	1 571 289,943	28,185	27,722	73	78	53 651	8 845,750	63 825,994	7,215	6,753
24	29	98 301	54 348,189	1 515 539,813	27,886	27,423	74	79	50 380	8 103,909	54 980,244	6,784	6,322
25	30	98 218	52 977,750	1 461 191,624	27,581	27,119	75	80	46 907	7 361,165	46 876,335	6,368	5,906
26	31	98 136	51 642,593	1 408 213,874	27,268	26,806	76	81	43 265	6 624,046	39 515,170	5,965	5,503
27	32	98 049	50 338,536	1 356 571,281	26,949	26,487	77	82	39 491	5 898,778	32 891,124	5,576	5,114
28	33	97 953	49 062,284	1 306 232,745	26,624	26,162	78	83	35 569	5 183,372	26 992,346	5,207	4,745
29	34	97 858	47 819,389	1 257 170,461	26,290	25,828	79	84	31 578	4 489,462	21 808,973	4,858	4,395
30	35	97 752	46 602,579	1 209 351,073	25,950	25,488	80	85	27 570	3 824,085	17 319,512	4,529	4,067
31	36	97 651	45 418,765	1 162 748,493	25,601	25,138	81	86	23 643	3 199,421	13 495,426	4,218	3,756
32	37	97 535	44 258,321	1 117 329,728	25,246	24,783	82	87	19 855	2 621,335	10 295,969	3,928	3,465
33	38	97 411	43 124,082	1 073 071,407	24,883	24,421	83	88	16 283	2 097,270	7 674,634	3,659	3,197
34	39	97 282	42 016,756	1 029 947,325	24,513	24,050	84	89	13 036	1 638,036	5 577,365	3,405	2,942
35	40	97 141	40 932,346	987 930,569	24,136	23,673	85	90	10 092	1 237,216	3 939,329	3,184	2,722
36	41	96 991	39 872,273	946 998,222	23,751	23,288	86	91	7 603	909,367	2 702,112	2,971	2,509
37	42	96 828	38 834,364	907 125,949	23,359	22,896	87	92	5 496	641,335	1 792,745	2,795	2,333
38	43	96 650	37 817,543	868 291,585	22,960	22,498	88	93	3 853	438,685	1 151,410	2,625	2,162
39	44	96 445	36 816,872	830 474,043	22,557	22,094	89	94	2 602	288,965	712,725	2,466	2,004
40	45	96 226	35 837,369	793 657,170	22,146	21,684	90	95	1 677	181,733	423,760	2,332	1,869
41	46	95 980	34 874,114	757 819,801	21,730	21,268	91	96	1 043	110,295	242,027	2,194	1,732
42	47	95 714	33 929,053	722 945,687	21,308	20,845	92	97	614	63,311	131,732	2,081	1,618
43	48	95 411	32 996,848	689 016,634	20,881	20,419	93	98	344	34,620	68,420	1,976	1,514
44	49	95 072	32 077,814	656 019,786	20,451	19,988	94	99	183	17,961	33,801	1,882	1,420
45	50	94 688	31 168,901	623 941,972	20,018	19,556	95	100	92	8,817	15,840	1,797	1,334
46	51	94 270	30 274,488	592 773,072	19,580	19,118							
47	52	93 807	29 390,937	562 498,584	19,139	18,676							
48	53	93 279	28 512,818	533 107,647	18,697	18,235							
49	54	92 701	27 644,800	504 594,828	18,253	17,790							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	6	99 610	99 610,498	3 320 798,120	33,338	32,875	50	56	91 747	26 693,203	468 970,683	17,569	17,106
1	7	99 217	96 796,665	3 221 187,622	33,278	32,815	51	57	91 036	25 840,117	442 277,480	17,116	16,654
2	8	99 176	94 396,767	3 124 390,957	33,098	32,636	52	58	90 243	24 990,326	416 437,362	16,664	16,202
3	9	99 150	92 070,244	3 029 994,189	32,910	32,447	53	59	89 395	24 151,718	391 447,037	16,208	15,745
4	10	99 129	89 805,942	2 937 923,946	32,714	32,252	54	60	88 482	23 321,943	367 295,319	15,749	15,286
5	11	99 109	87 597,700	2 848 118,004	32,514	32,051	55	61	87 460	22 490,342	343 973,376	15,294	14,832
6	12	99 090	85 445,105	2 760 520,304	32,308	31,845	56	62	86 369	21 668,096	321 483,034	14,837	14,374
7	13	99 072	83 345,560	2 675 075,199	32,096	31,634	57	63	85 198	20 853,146	299 814,938	14,377	13,915
8	14	99 055	81 298,759	2 591 729,638	31,879	31,417	58	64	83 944	20 044,882	278 961,792	13,917	13,454
9	15	99 036	79 300,660	2 510 430,879	31,657	31,195	59	65	82 594	19 241,541	258 916,910	13,456	12,994
10	16	99 015	77 350,690	2 431 130,219	31,430	30,968	60	66	81 167	18 447,882	239 675,369	12,992	12,530
11	17	98 991	75 445,733	2 353 779,529	31,198	30,736	61	67	79 636	17 658,542	221 227,487	12,528	12,066
12	18	98 967	73 587,466	2 278 333,796	30,961	30,498	62	68	78 028	16 879,291	203 568,945	12,060	11,597
13	19	98 933	71 768,264	2 204 746,330	30,720	30,258	63	69	76 344	16 112,786	186 689,024	11,586	11,124
14	20	98 902	69 995,594	2 132 978,066	30,473	30,011	64	70	74 578	15 356,182	170 576,237	11,108	10,646
15	21	98 865	68 262,978	2 062 982,472	30,221	29,759	65	71	72 673	14 599,054	155 220,055	10,632	10,170
16	22	98 827	66 572,235	1 994 719,494	29,963	29,501	66	72	70 657	13 847,848	140 621,001	10,155	9,692
17	23	98 779	64 917,089	1 928 147,259	29,702	29,239	67	73	68 483	13 094,264	126 773,154	9,682	9,219
18	24	98 723	63 297,817	1 863 230,170	29,436	28,974	68	74	66 164	12 342,454	113 678,890	9,210	8,748
19	25	98 656	61 711,758	1 799 932,354	29,167	28,704	69	75	63 690	11 591,073	101 336,436	8,743	8,280
20	26	98 586	60 163,933	1 738 220,596	28,891	28,429	70	76	61 018	10 833,965	89 745,362	8,284	7,821
21	27	98 509	58 651,064	1 678 056,662	28,611	28,148	71	77	58 168	10 076,080	78 911,397	7,832	7,369
22	28	98 430	57 174,264	1 619 405,598	28,324	27,862	72	78	55 146	9 319,532	68 835,317	7,386	6,924
23	29	98 352	55 736,032	1 562 231,334	28,029	27,567	73	79	51 930	8 562,082	59 515,785	6,951	6,489
24	30	98 273	54 332,596	1 506 495,301	27,727	27,265	74	80	48 551	7 809,689	50 953,703	6,524	6,062
25	31	98 190	52 962,755	1 452 162,705	27,419	26,956	75	81	44 948	7 053,722	43 144,014	6,116	5,654
26	32	98 106	51 626,996	1 399 199,950	27,102	26,640	76	82	41 206	6 308,806	36 090,292	5,721	5,258
27	33	98 015	50 320,692	1 347 572,954	26,780	26,317	77	83	37 313	5 573,494	29 781,487	5,343	4,881
28	34	97 917	49 044,345	1 297 252,262	26,451	25,988	78	84	33 339	4 858,315	24 207,993	4,983	4,520
29	35	97 816	47 799,076	1 248 207,917	26,114	25,651	79	85	29 294	4 164,803	19 349,678	4,646	4,184
30	36	97 713	46 584,043	1 200 408,841	25,769	25,306	80	86	25 288	3 507,624	15 184,875	4,329	3,867
31	37	97 604	45 397,182	1 153 824,798	25,416	24,954	81	87	21 416	2 897,996	11 677,250	4,029	3,567
32	38	97 483	44 234,701	1 108 427,616	25,058	24,595	82	88	17 705	2 337,466	8 779,254	3,756	3,293
33	39	97 357	43 100,074	1 064 192,915	24,691	24,229	83	89	14 292	1 840,801	6 441,788	3,499	3,037
34	40	97 218	41 988,960	1 021 092,841	24,318	23,856	84	90	11 191	1 406,226	4 600,987	3,272	2,809
35	41	97 072	40 903,439	979 103,881	23,937	23,475	85	91	8 530	1 045,701	3 194,761	3,055	2,593
36	42	96 913	39 840,316	938 200,442	23,549	23,087	86	92	6 252	747,785	2 149,061	2,874	2,411
37	43	96 741	38 799,798	898 360,126	23,154	22,691	87	93	4 456	519,978	1 401,276	2,695	2,232
38	44	96 551	37 778,820	859 560,328	22,752	22,290	88	94	3 055	347,767	881,298	2,534	2,072
39	45	96 336	36 775,521	821 781,509	22,346	21,883	89	95	2 014	223,693	533,532	2,385	1,923
40	46	96 103	35 791,883	785 005,987	21,933	21,470	90	96	1 266	137,199	309,838	2,258	1,796
41	47	95 845	34 824,973	749 214,104	21,514	21,051	91	97	767	81,099	172,640	2,129	1,666
42	48	95 557	33 873,575	714 389,131	21,090	20,627	92	98	439	45,282	91,540	2,022	1,559
43	49	95 242	32 938,495	680 515,556	20,660	20,198	93	99	239	24,054	46,258	1,923	1,461
44	50	94 877	32 011,809	647 577,061	20,229	19,767	94	100	123	12,107	22,204	1,834	1,372
45	51	94 480	31 100,236	615 565,252	19,793	19,331							
46	52	94 040	30 200,412	584 465,016	19,353	18,890							
47	53	93 549	29 310,248	554 264,604	18,910	18,448							
48	54	92 999	28 427,093	524 954,356	18,467	18,004							
49	55	92 405	27 556,579	496 527,263	18,018	17,556							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	7	99 602	99 601,823	3 310 898,323	33,241	32,779	50	57	91 401	26 592,511	460 524,957	17,318	16,855
1	8	99 208	96 788,357	3 211 296,500	33,179	32,716	51	58	90 672	25 736,846	433 932,446	16,860	16,398
2	9	99 168	94 389,816	3 114 508,143	32,996	32,534	52	59	89 845	24 880,061	408 195,600	16,407	15,944
3	10	99 143	92 063,892	3 020 118,328	32,805	32,342	53	60	88 973	24 037,673	383 315,539	15,946	15,484
4	11	99 122	89 799,568	2 928 054,435	32,607	32,144	54	61	88 005	23 196,252	359 277,867	15,489	15,026
5	12	99 101	87 590,696	2 838 254,867	32,404	31,941	55	62	86 957	22 361,096	336 081,614	15,030	14,567
6	13	99 082	85 438,226	2 750 664,172	32,195	31,732	56	63	85 824	21 531,422	313 720,518	14,570	14,108
7	14	99 063	83 338,095	2 665 225,945	31,981	31,518	57	64	84 624	20 712,640	292 189,096	14,107	13,644
8	15	99 044	81 289,947	2 581 887,851	31,761	31,299	58	65	83 327	19 897,564	271 476,456	13,644	13,181
9	16	99 023	79 290,685	2 500 597,903	31,537	31,075	59	66	81 949	19 091,267	251 578,892	13,178	12,715
10	17	99 000	77 338,788	2 421 307,219	31,308	30,845	60	67	80 472	18 290,074	232 487,625	12,711	12,249
11	18	98 975	75 433,626	2 343 968,431	31,073	30,611	61	68	78 909	17 497,279	214 197,551	12,242	11,779
12	19	98 944	73 570,658	2 268 534,804	30,835	30,372	62	69	77 270	16 716,007	196 700,272	11,767	11,305
13	20	98 913	71 753,441	2 194 964,147	30,590	30,128	63	70	75 533	15 941,644	179 984,265	11,290	10,828
14	21	98 880	69 980,056	2 123 210,706	30,340	29,878	64	71	73 713	15 177,978	164 042,621	10,808	10,346
15	22	98 844	68 248,691	2 053 230,650	30,085	29,622	65	72	71 738	14 411,059	148 864,643	10,330	9,867
16	23	98 805	66 557,301	1 984 981,959	29,824	29,361	66	73	69 634	13 647,363	134 453,584	9,852	9,390
17	24	98 756	64 902,250	1 918 424,658	29,559	29,096	67	74	67 369	12 881,335	120 806,222	9,378	8,916
18	25	98 703	63 285,022	1 853 522,408	29,288	28,826	68	75	64 933	12 112,791	107 924,886	8,910	8,448
19	26	98 634	61 698,183	1 790 237,386	29,016	28,554	69	76	62 323	11 342,353	95 812,095	8,447	7,985
20	27	98 562	60 149,695	1 728 539,203	28,737	28,275	70	77	59 524	10 568,611	84 469,742	7,993	7,530
21	28	98 483	58 635,308	1 668 389,509	28,454	27,991	71	78	56 556	9 796,734	73 901,131	7,543	7,081
22	29	98 405	57 159,807	1 609 754,201	28,162	27,700	72	79	53 377	9 020,671	64 104,397	7,106	6,644
23	30	98 324	55 720,041	1 552 594,394	27,864	27,402	73	80	50 045	8 251,228	55 083,726	6,676	6,213
24	31	98 245	54 317,218	1 496 874,354	27,558	27,096	74	81	46 523	7 483,513	46 832,498	6,258	5,796
25	32	98 160	52 946,759	1 442 557,136	27,245	26,783	75	82	42 809	6 718,032	39 348,986	5,857	5,395
26	33	98 072	51 608,696	1 389 610,376	26,926	26,463	76	83	38 934	5 960,911	32 630,953	5,474	5,012
27	34	97 979	50 302,293	1 338 001,681	26,599	26,137	77	84	34 973	5 223,971	26 670,042	5,105	4,643
28	35	97 875	49 023,512	1 287 699,388	26,267	25,805	78	85	30 928	4 506,982	21 446,071	4,758	4,296
29	36	97 777	47 780,064	1 238 675,876	25,925	25,462	79	86	26 870	3 820,146	16 939,089	4,434	3,972
30	37	97 667	46 561,906	1 190 895,812	25,577	25,114	80	87	22 906	3 177,127	13 118,942	4,129	3,667
31	38	97 552	45 372,954	1 144 333,906	25,221	24,758	81	88	19 096	2 584,167	9 941,816	3,847	3,385
32	39	97 428	44 210,075	1 098 960,952	24,858	24,395	82	89	15 540	2 051,624	7 357,648	3,586	3,124
33	40	97 292	43 071,562	1 054 750,877	24,488	24,026	83	90	12 269	1 580,296	5 306,024	3,358	2,895
34	41	97 149	41 959,306	1 011 679,316	24,111	23,649	84	91	9 458	1 188,548	3 725,728	3,135	2,672
35	42	96 994	40 870,655	969 720,010	23,727	23,264	85	92	7 014	859,894	2 537,179	2,951	2,488
36	43	96 827	39 804,855	928 849,355	23,335	22,873	86	93	5 069	606,285	1 677,286	2,766	2,304
37	44	96 642	38 760,069	889 044,500	22,937	22,475	87	94	3 533	412,211	1 071,001	2,598	2,136
38	45	96 442	37 736,388	850 284,431	22,532	22,070	88	95	2 365	269,212	658,790	2,447	1,985
39	46	96 214	36 728,845	812 548,043	22,123	21,660	89	96	1 521	168,876	389,578	2,307	1,844
40	47	95 968	35 741,448	775 819,198	21,706	21,244	90	97	931	100,882	220,702	2,188	1,725
41	48	95 688	34 768,030	740 077,750	21,286	20,824	91	98	549	58,005	119,820	2,066	1,603
42	49	95 388	33 813,672	705 309,720	20,859	20,396	92	99	305	31,462	61,816	1,965	1,502
43	50	95 046	32 870,719	671 496,048	20,428	19,966	93	100	161	16,215	30,353	1,872	1,410
44	51	94 668	31 941,287	638 625,328	19,994	19,531							
45	52	94 248	31 024,140	606 684,042	19,555	19,093							
46	53	93 781	30 117,501	575 659,902	19,114	18,651							
47	54	93 268	29 222,126	545 542,401	18,669	18,206							
48	55	92 702	28 336,376	516 320,275	18,221	17,759							
49	56	92 077	27 458,942	487 983,899	17,771	17,309							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	8	99 593	99 593,274	3 300 394,509	33,139	32,676	50	58	91 036	26 486,232	451 608,313	17,051	16,588
1	9	99 201	96 781,229	3 200 801,235	33,073	32,610	51	59	90 272	25 623,287	425 122,081	16,591	16,129
2	10	99 161	94 383,304	3 104 020,006	32,887	32,425	52	60	89 420	24 762,577	399 498,794	16,133	15,671
3	11	99 136	92 057,359	3 009 636,702	32,693	32,231	53	61	88 493	23 908,125	374 736,217	15,674	15,212
4	12	99 114	89 792,387	2 917 579,343	32,493	32,030	54	62	87 499	23 062,950	350 828,092	15,212	14,749
5	13	99 093	87 583,644	2 827 786,956	32,287	31,824	55	63	86 409	22 220,051	327 765,142	14,751	14,288
6	14	99 073	85 430,573	2 740 203,312	32,075	31,613	56	64	85 246	21 386,346	305 545,091	14,287	13,825
7	15	99 052	83 329,062	2 654 772,738	31,859	31,396	57	65	84 002	20 560,415	284 158,745	13,821	13,358
8	16	99 031	81 279,722	2 571 443,677	31,637	31,175	58	66	82 676	19 742,166	263 598,331	13,352	12,890
9	17	99 008	79 278,484	2 490 163,955	31,410	30,948	59	67	81 248	18 927,956	243 856,164	12,883	12,421
10	18	98 984	77 326,377	2 410 885,471	31,178	30,716	60	68	79 738	18 123,043	224 928,209	12,411	11,949
11	19	98 953	75 416,396	2 333 559,093	30,942	30,480	61	69	78 143	17 327,369	206 805,166	11,935	11,473
12	20	98 924	73 555,463	2 258 142,697	30,700	30,237	62	70	76 450	16 538,457	189 477,796	11,457	10,994
13	21	98 891	71 737,512	2 184 587,235	30,453	29,990	63	71	74 656	15 756,646	172 939,339	10,976	10,513
14	22	98 859	69 965,410	2 112 849,722	30,198	29,736	64	72	72 763	14 982,528	157 182,693	10,491	10,029
15	23	98 822	68 233,381	2 042 884,312	29,940	29,477	65	73	70 699	14 202,420	142 200,165	10,012	9,550
16	24	98 782	66 542,087	1 974 650,932	29,675	29,213	66	74	68 502	13 425,440	127 997,745	9,534	9,072
17	25	98 736	64 889,131	1 908 108,845	29,406	28,943	67	75	66 115	12 641,645	114 572,305	9,063	8,601
18	26	98 681	63 271,101	1 843 219,714	29,132	28,670	68	76	63 540	11 852,876	101 930,660	8,600	8,137
19	27	98 610	61 683,581	1 779 948,613	28,856	28,394	69	77	60 797	11 064,547	90 077,784	8,141	7,679
20	28	98 536	60 133,535	1 718 265,032	28,574	28,112	70	78	57 873	10 275,610	79 013,237	7,689	7,227
21	29	98 458	58 620,481	1 658 131,497	28,286	27,823	71	79	54 742	9 482,570	68 737,627	7,249	6,786
22	30	98 376	57 143,406	1 599 511,016	27,991	27,529	72	80	51 439	8 693,167	59 255,057	6,816	6,354
23	31	98 296	55 704,270	1 542 367,610	27,688	27,226	73	81	47 955	7 906,610	50 561,890	6,395	5,932
24	32	98 215	54 300,813	1 486 663,340	27,378	26,916	74	82	44 309	7 127,370	42 655,280	5,985	5,522
25	33	98 126	52 927,991	1 432 362,527	27,062	26,600	75	83	40 448	6 347,571	35 527,910	5,597	5,135
26	34	98 036	51 589,826	1 379 434,536	26,738	26,276	76	84	36 492	5 587,093	29 180,339	5,223	4,760
27	35	97 937	50 280,926	1 327 844,710	26,409	25,946	77	85	32 444	4 846,196	23 593,246	4,868	4,406
28	36	97 836	49 004,013	1 277 563,785	26,071	25,608	78	86	28 368	4 134,009	18 747,050	4,535	4,072
29	37	97 731	47 757,358	1 228 559,772	25,725	25,263	79	87	24 338	3 460,202	14 613,041	4,223	3,761
30	38	97 615	46 537,056	1 180 802,414	25,373	24,911	80	88	20 425	2 833,071	11 152,839	3,937	3,474
31	39	97 498	45 347,694	1 134 265,357	25,013	24,550	81	89	16 761	2 268,157	8 319,769	3,668	3,206
32	40	97 364	44 180,828	1 088 917,663	24,647	24,184	82	90	13 341	1 761,285	6 051,612	3,436	2,973
33	41	97 224	43 041,143	1 044 736,835	24,273	23,811	83	91	10 370	1 335,673	4 290,327	3,212	2,750
34	42	97 071	41 925,676	1 001 695,692	23,892	23,430	84	92	7 778	977,359	2 954,654	3,023	2,561
35	43	96 908	40 834,277	959 770,016	23,504	23,042	85	93	5 687	697,180	1 977,295	2,836	2,374
36	44	96 728	39 764,097	918 935,740	23,110	22,647	86	94	4 018	480,630	1 280,115	2,663	2,201
37	45	96 534	38 716,535	879 171,643	22,708	22,245	87	95	2 735	319,100	799,485	2,505	2,043
38	46	96 320	37 688,492	840 455,107	22,300	21,838	88	96	1 785	203,241	480,385	2,364	1,901
39	47	96 078	36 677,090	802 766,615	21,887	21,425	89	97	1 118	124,174	277,144	2,232	1,769
40	48	95 811	35 683,007	766 089,526	21,469	21,007	90	98	666	72,153	152,970	2,120	1,658
41	49	95 519	34 706,545	730 406,519	21,045	20,583	91	99	381	40,302	80,817	2,005	1,543
42	50	95 192	33 744,095	695 699,973	20,617	20,155	92	100	206	21,209	40,515	1,910	1,448
43	51	94 837	32 798,305	661 955,878	20,183	19,720							
44	52	94 436	31 863,133	629 157,573	19,746	19,283							
45	53	93 990	30 938,967	597 294,440	19,306	18,843							
46	54	93 499	30 026,951	566 355,473	18,862	18,399							
47	55	92 971	29 128,872	536 328,522	18,412	17,950							
48	56	92 374	28 235,976	507 199,650	17,963	17,500							
49	57	91 730	27 355,361	478 963,674	17,509	17,047							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	9	99 586	99 585,940	3 289 274,373	33,030	32,567	50	59	90 634	26 369,367	442 217,834	16,770	16,308
1	10	99 194	96 774,553	3 189 688,433	32,960	32,498	51	60	89 846	25 502,293	415 848,467	16,306	15,844
2	11	99 154	94 376,606	3 092 913,880	32,772	32,310	52	61	88 939	24 629,122	390 346,174	15,849	15,387
3	12	99 128	92 049,997	2 998 537,274	32,575	32,113	53	62	87 985	23 770,732	365 717,052	15,385	14,923
4	13	99 106	89 785,159	2 906 487,277	32,372	31,909	54	63	86 947	22 917,478	341 946,320	14,921	14,458
5	14	99 084	87 575,799	2 816 702,119	32,163	31,701	55	64	85 827	22 070,335	319 028,842	14,455	13,993
6	15	99 063	85 421,314	2 729 126,320	31,949	31,487	56	65	84 619	21 229,169	296 958,507	13,988	13,526
7	16	99 040	83 318,580	2 643 705,006	31,730	31,268	57	66	83 346	20 399,840	275 729,338	13,516	13,054
8	17	99 016	81 267,215	2 560 386,426	31,506	31,043	58	67	81 969	19 573,287	255 329,498	13,045	12,582
9	18	98 992	79 265,762	2 479 119,211	31,276	30,814	59	68	80 506	18 755,100	235 756,211	12,570	12,108
10	19	98 962	77 308,715	2 399 853,449	31,042	30,580	60	69	78 963	17 947,057	217 001,111	12,091	11,629
11	20	98 932	75 400,820	2 322 544,734	30,803	30,340	61	70	77 313	17 143,326	199 054,055	11,611	11,149
12	21	98 902	73 539,134	2 247 143,914	30,557	30,095	62	71	75 562	16 346,533	181 910,728	11,128	10,666
13	22	98 870	71 722,499	2 173 604,780	30,306	29,843	63	72	73 695	15 553,744	165 564,195	10,645	10,182
14	23	98 837	69 949,714	2 101 882,281	30,048	29,586	64	73	71 710	14 765,616	150 010,450	10,159	9,697
15	24	98 800	68 217,784	2 031 932,567	29,786	29,324	65	74	69 549	13 971,471	135 244,835	9,680	9,218
16	25	98 762	66 528,636	1 963 714,783	29,517	29,054	66	75	67 227	13 175,626	121 273,364	9,204	8,742
17	26	98 715	64 874,857	1 897 186,147	29,244	28,781	67	76	64 697	12 370,382	108 097,738	8,738	8,276
18	27	98 658	63 256,126	1 832 311,290	28,967	28,504	68	77	61 984	11 562,566	95 727,356	8,279	7,817
19	28	98 584	61 667,010	1 769 055,164	28,687	28,225	69	78	59 111	10 757,797	84 164,791	7,824	7,361
20	29	98 511	60 118,329	1 707 388,154	28,400	27,938	70	79	56 017	9 946,089	73 406,994	7,380	6,918
21	30	98 430	58 603,661	1 647 269,825	28,109	27,646	71	80	52 755	9 138,296	63 460,905	6,945	6,482
22	31	98 349	57 127,233	1 588 666,163	27,809	27,347	72	81	49 291	8 330,092	54 322,609	6,521	6,059
23	32	98 267	55 687,446	1 531 538,931	27,502	27,040	73	82	45 673	7 530,332	45 992,517	6,108	5,645
24	33	98 180	54 281,565	1 475 851,485	27,189	26,726	74	83	41 866	6 734,336	38 462,185	5,711	5,249
25	34	98 090	52 908,639	1 421 569,920	26,868	26,406	75	84	37 911	5 949,505	31 727,849	5,333	4,870
26	35	97 994	51 567,912	1 368 661,281	26,541	26,079	76	85	33 853	5 183,058	25 778,344	4,974	4,511
27	36	97 898	50 260,926	1 317 093,370	26,205	25,743	77	86	29 759	4 445,151	20 595,286	4,633	4,171
28	37	97 790	48 980,725	1 266 832,443	25,864	25,401	78	87	25 695	3 744,491	16 150,135	4,313	3,851
29	38	97 679	47 731,871	1 217 851,718	25,514	25,052	79	88	21 702	3 085,491	12 405,644	4,021	3,558
30	39	97 560	46 511,148	1 170 119,847	25,158	24,695	80	89	17 927	2 486,622	9 320,152	3,748	3,286
31	40	97 433	45 317,694	1 123 608,699	24,794	24,332	81	90	14 389	1 947,174	6 833,530	3,509	3,047
32	41	97 295	44 149,626	1 078 291,005	24,424	23,961	82	91	11 276	1 488,645	4 886,356	3,282	2,820
33	42	97 146	43 006,646	1 034 141,378	24,046	23,584	83	92	8 527	1 098,342	3 397,710	3,093	2,631
34	43	96 985	41 888,358	991 134,732	23,661	23,199	84	93	6 306	792,418	2 299,368	2,902	2,439
35	44	96 809	40 792,465	949 246,374	23,270	22,808	85	94	4 508	552,687	1 506,950	2,727	2,264
36	45	96 619	39 719,436	908 453,909	22,872	22,409	86	95	3 111	372,064	954,263	2,565	2,102
37	46	96 411	38 667,395	868 734,474	22,467	22,004	87	96	2 065	240,903	582,199	2,417	1,954
38	47	96 184	37 635,385	830 067,078	22,055	21,593	88	97	1 313	149,442	341,296	2,284	1,821
39	48	95 921	36 617,118	792 431,693	21,641	21,179	89	98	800	88,813	191,854	2,160	1,698
40	49	95 642	35 619,904	755 814,575	21,219	20,756	90	99	463	50,133	103,041	2,055	1,593
41	50	95 322	34 635,131	720 194,671	20,794	20,331	91	100	257	27,167	52,908	1,947	1,485
42	51	94 982	33 669,757	685 559,540	20,361	19,899							
43	52	94 605	32 718,054	651 889,783	19,924	19,462							
44	53	94 177	31 775,657	619 171,728	19,486	19,023							
45	54	93 707	30 845,948	587 396,071	19,043	18,580							
46	55	93 201	29 931,129	556 550,123	18,594	18,132							
47	56	92 641	29 025,663	526 618,995	18,143	17,681							
48	57	92 025	28 129,464	497 593,332	17,689	17,227							
49	58	91 363	27 246,034	469 463,868	17,231	16,768							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	10	99 579	99 579,070	3 277 525,939	32,914	32,451	50	60	90 206	26 244,850	432 357,435	16,474	16,012
1	11	99 187	96 767,685	3 177 946,869	32,841	32,379	51	61	89 361	25 364,852	406 112,585	16,011	15,548
2	12	99 146	94 369,059	3 081 179,184	32,650	32,188	52	62	88 427	24 487,586	380 747,733	15,549	15,086
3	13	99 120	92 042,587	2 986 810,125	32,450	31,988	53	63	87 430	23 620,795	356 260,147	15,082	14,620
4	14	99 097	89 777,116	2 894 767,538	32,244	31,782	54	64	86 361	22 763,063	332 639,352	14,613	14,151
5	15	99 073	87 566,307	2 804 990,422	32,033	31,570	55	65	85 196	21 908,131	309 876,289	14,144	13,682
6	16	99 050	85 410,569	2 717 424,115	31,816	31,354	56	66	83 958	21 063,372	287 968,158	13,672	13,209
7	17	99 024	83 305,759	2 632 013,547	31,595	31,132	57	67	82 633	20 225,335	266 904,786	13,197	12,734
8	18	99 000	81 254,174	2 548 707,788	31,367	30,905	58	68	81 220	19 394,538	246 679,452	12,719	12,257
9	19	98 969	79 247,657	2 467 453,613	31,136	30,674	59	69	79 724	18 572,976	227 284,914	12,237	11,775
10	20	98 941	77 292,748	2 388 205,957	30,898	30,436	60	70	78 125	17 756,432	208 711,938	11,754	11,292
11	21	98 910	75 384,082	2 310 913,209	30,655	30,193	61	71	76 416	16 944,383	190 955,506	11,270	10,807
12	22	98 881	73 523,743	2 235 529,127	30,406	29,943	62	72	74 589	16 136,036	174 011,123	10,784	10,322
13	23	98 848	71 706,409	2 162 005,384	30,151	29,688	63	73	72 628	15 328,562	157 875,088	10,299	9,837
14	24	98 815	69 933,725	2 090 298,975	29,890	29,427	64	74	70 544	14 525,509	142 546,526	9,814	9,351
15	25	98 780	68 203,995	2 020 365,250	29,622	29,160	65	75	68 255	13 711,496	128 021,017	9,337	8,874
16	26	98 740	66 514,002	1 952 161,256	29,350	28,887	66	76	65 785	12 892,904	114 309,520	8,866	8,404
17	27	98 691	64 859,503	1 885 647,254	29,073	28,610	67	77	63 112	12 067,396	101 416,616	8,404	7,942
18	28	98 631	63 239,133	1 820 787,751	28,792	28,330	68	78	60 265	11 242,009	89 349,220	7,948	7,485
19	29	98 559	61 651,416	1 757 548,618	28,508	28,045	69	79	57 216	10 412,813	78 107,212	7,501	7,039
20	30	98 483	60 101,080	1 695 897,203	28,217	27,755	70	80	53 984	9 584,987	67 694,399	7,063	6,600
21	31	98 402	58 587,075	1 635 796,122	27,921	27,458	71	81	50 551	8 756,630	58 109,412	6,636	6,174
22	32	98 319	57 109,979	1 577 209,048	27,617	27,155	72	82	46 945	7 933,660	49 352,782	6,221	5,758
23	33	98 232	55 667,706	1 520 099,069	27,307	26,844	73	83	43 154	7 115,077	41 419,122	5,821	5,359
24	34	98 145	54 261,717	1 464 431,363	26,988	26,526	74	84	39 240	6 312,015	34 304,045	5,435	4,972
25	35	98 048	52 886,164	1 410 169,645	26,664	26,202	75	85	35 170	5 519,262	27 992,030	5,072	4,609
26	36	97 955	51 547,400	1 357 283,481	26,331	25,868	76	86	31 052	4 754,136	22 472,768	4,727	4,265
27	37	97 852	50 237,042	1 305 736,081	25,992	25,529	77	87	26 955	4 026,317	17 718,631	4,401	3,938
28	38	97 738	48 954,585	1 255 499,039	25,646	25,184	78	88	22 913	3 338,994	13 692,315	4,101	3,638
29	39	97 624	47 705,298	1 206 544,454	25,292	24,829	79	89	19 049	2 708,175	10 353,320	3,823	3,361
30	40	97 496	46 480,379	1 158 839,156	24,932	24,469	80	90	15 390	2 134,723	7 645,145	3,581	3,119
31	41	97 365	45 285,690	1 112 358,777	24,563	24,101	81	91	12 162	1 645,760	5 510,422	3,348	2,886
32	42	97 217	44 114,241	1 067 073,087	24,189	23,726	82	92	9 272	1 224,133	3 864,662	3,157	2,695
33	43	97 059	42 968,366	1 022 958,847	23,807	23,345	83	93	6 914	890,507	2 640,528	2,965	2,503
34	44	96 886	41 845,467	979 990,480	23,419	22,957	84	94	4 999	628,187	1 750,021	2,786	2,323
35	45	96 700	40 746,648	938 145,013	23,024	22,561	85	95	3 490	427,845	1 121,834	2,622	2,160
36	46	96 496	39 669,022	897 398,365	22,622	22,160	86	96	2 348	280,888	693,989	2,471	2,008
37	47	96 275	38 612,909	857 729,342	22,214	21,751	87	97	1 518	177,135	413,101	2,332	1,870
38	48	96 027	37 573,847	819 116,434	21,800	21,338	88	98	939	106,885	235,966	2,208	1,745
39	49	95 752	36 552,364	781 542,587	21,381	20,919	89	99	556	61,708	129,081	2,092	1,629
40	50	95 445	35 546,611	744 990,224	20,958	20,496	90	100	312	33,794	67,373	1,994	1,531
41	51	95 112	34 558,830	709 443,613	20,529	20,066							
42	52	94 750	33 587,374	674 884,783	20,093	19,631							
43	53	94 345	32 628,231	641 297,408	19,655	19,192							
44	54	93 894	31 680,122	608 669,177	19,213	18,751							
45	55	93 408	30 747,512	576 989,055	18,765	18,303							
46	56	92 871	29 825,078	546 241,544	18,315	17,852							
47	57	92 292	28 916,172	516 416,466	17,859	17,397							
48	58	91 657	28 017,043	487 500,294	17,400	16,938							
49	59	90 960	27 125,816	459 483,251	16,939	16,477							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß 2,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä_{xy}^{(12)}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä_{xy}^{(12)}$
0	11	99 572	99 572,003	3 265 139,279	32,792	32,329	50	61	89 720	26 103,407	422 029,711	16,168	15,705
1	12	99 179	96 759,946	3 165 567,276	32,716	32,253	51	62	88 848	25 219,088	395 926,304	15,699	15,237
2	13	99 139	94 361,462	3 068 807,330	32,522	32,059	52	63	87 870	24 333,127	370 707,216	15,235	14,772
3	14	99 111	92 034,342	2 974 445,868	32,319	31,856	53	64	86 841	23 461,641	346 374,089	14,763	14,301
4	15	99 086	89 767,385	2 882 411,526	32,110	31,647	54	65	85 727	22 595,768	322 912,448	14,291	13,828
5	16	99 061	87 555,292	2 792 644,141	31,896	31,433	55	66	84 530	21 737,031	300 316,680	13,816	13,353
6	17	99 035	85 397,426	2 705 088,849	31,676	31,214	56	67	83 240	20 883,190	278 579,649	13,340	12,877
7	18	99 008	83 292,391	2 619 691,422	31,452	30,989	57	68	81 879	20 040,631	257 696,458	12,859	12,396
8	19	98 978	81 235,615	2 536 399,031	31,223	30,760	58	69	80 431	19 206,204	237 655,827	12,374	11,911
9	20	98 949	79 231,289	2 455 163,417	30,987	30,525	59	70	78 877	18 375,703	218 449,623	11,888	11,426
10	21	98 919	77 275,590	2 375 932,128	30,746	30,284	60	71	77 218	17 550,373	200 073,920	11,400	10,938
11	22	98 890	75 368,304	2 298 656,538	30,499	30,037	61	72	75 431	16 726,187	182 523,547	10,912	10,450
12	23	98 859	73 507,249	2 223 288,234	30,246	29,783	62	73	73 509	15 902,423	165 797,360	10,426	9,963
13	24	98 825	71 690,018	2 149 780,984	29,987	29,525	63	74	71 447	15 079,301	149 894,937	9,940	9,478
14	25	98 795	69 919,589	2 078 090,966	29,721	29,259	64	75	69 231	14 255,225	134 815,637	9,457	8,995
15	26	98 758	68 188,991	2 008 171,377	29,450	28,988	65	76	66 791	13 417,276	120 560,412	8,985	8,523
16	27	98 717	66 498,260	1 939 982,386	29,173	28,711	66	77	64 174	12 577,120	107 143,135	8,519	8,056
17	28	98 665	64 842,079	1 873 484,126	28,893	28,431	67	78	61 362	11 732,843	94 566,015	8,060	7,598
18	29	98 607	63 223,141	1 808 642,047	28,607	28,145	68	79	58 333	10 881,497	82 833,172	7,612	7,150
19	30	98 531	61 633,727	1 745 418,906	28,319	27,857	69	80	55 138	10 034,766	71 951,675	7,170	6,708
20	31	98 455	60 084,070	1 683 785,179	28,024	27,561	70	81	51 729	9 184,664	61 916,909	6,741	6,279
21	32	98 372	58 569,380	1 623 701,110	27,723	27,260	71	82	48 145	8 339,899	52 732,244	6,323	5,860
22	33	98 284	57 089,735	1 565 131,730	27,415	26,953	72	83	44 357	7 496,164	44 392,345	5,922	5,460
23	34	98 196	55 647,352	1 508 041,995	27,100	26,638	73	84	40 448	6 668,879	36 896,181	5,533	5,070
24	35	98 103	54 238,668	1 452 394,643	26,778	26,315	74	85	36 403	5 855,557	30 227,302	5,162	4,700
25	36	98 009	52 865,129	1 398 155,974	26,448	25,985	75	86	32 259	5 062,518	24 371,745	4,814	4,352
26	37	97 909	51 522,904	1 345 290,845	26,111	25,648	76	87	28 126	4 306,189	19 309,227	4,484	4,022
27	38	97 799	50 210,231	1 293 767,941	25,767	25,305	77	88	24 036	3 590,301	15 003,039	4,179	3,716
28	39	97 683	48 927,331	1 243 557,711	25,416	24,954	78	89	20 111	2 930,678	11 412,738	3,894	3,432
29	40	97 560	47 673,738	1 194 630,379	25,058	24,596	79	90	16 353	2 324,922	8 482,060	3,648	3,186
30	41	97 427	46 447,553	1 146 956,641	24,694	24,231	80	91	13 008	1 804,277	6 157,137	3,413	2,950
31	42	97 287	45 249,393	1 100 509,087	24,321	23,859	81	92	10 001	1 353,331	4 352,860	3,216	2,754
32	43	97 131	44 074,975	1 055 259,694	23,942	23,480	82	93	7 518	992,495	2 999,529	3,022	2,560
33	44	96 960	42 924,369	1 011 184,719	23,557	23,095	83	94	5 481	705,947	2 007,034	2,843	2,381
34	45	96 777	41 798,468	968 260,350	23,165	22,703	84	95	3 870	486,290	1 301,086	2,676	2,213
35	46	96 577	40 694,931	926 461,881	22,766	22,304	85	96	2 635	323,000	814,796	2,523	2,060
36	47	96 360	39 613,124	885 766,950	22,360	21,898	86	97	1 727	206,536	491,796	2,381	1,919
37	48	96 118	38 549,772	846 153,825	21,950	21,487	87	98	1 086	126,692	285,260	2,252	1,789
38	49	95 857	37 507,400	807 604,053	21,532	21,069	88	99	652	74,265	158,568	2,135	1,673
39	50	95 555	36 477,152	770 096,654	21,112	20,649	89	100	375	41,597	84,303	2,027	1,564
40	51	95 235	35 468,302	733 619,502	20,684	20,221							
41	52	94 880	34 474,272	698 151,200	20,251	19,789							
42	53	94 490	33 495,164	663 676,928	19,814	19,352							
43	54	94 062	32 530,133	630 181,764	19,372	18,910							
44	55	93 594	31 579,024	597 651,631	18,926	18,463							
45	56	93 077	30 638,568	566 072,607	18,476	18,013							
46	57	92 521	29 712,571	535 434,039	18,020	17,558							
47	58	91 923	28 800,607	505 721,468	17,559	17,097							
48	59	91 253	27 893,423	476 920,861	17,098	16,636							
49	60	90 531	26 997,727	449 027,438	16,632	16,170							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	12	99 564	99 564,040	3 252 106,279	32,663	32,201	50	62	89 205	25 953,399	411 248,259	15,846	15,383
1	13	99 171	96 752,157	3 152 542,239	32,584	32,121	51	63	88 287	25 060,015	385 294,860	15,375	14,912
2	14	99 130	94 353,009	3 055 790,081	32,387	31,924	52	64	87 278	24 169,174	360 234,845	14,905	14,442
3	15	99 100	92 024,367	2 961 437,072	32,181	31,719	53	65	86 202	23 289,212	336 065,672	14,430	13,968
4	16	99 074	89 756,094	2 869 412,705	31,969	31,507	54	66	85 057	22 419,298	312 776,459	13,951	13,489
5	17	99 046	87 541,820	2 779 656,612	31,752	31,290	55	67	83 807	21 551,087	290 357,162	13,473	13,011
6	18	99 019	85 383,722	2 692 114,792	31,530	31,067	56	68	82 480	20 692,479	268 806,075	12,991	12,528
7	19	98 986	83 273,366	2 606 731,070	31,303	30,841	57	69	81 084	19 846,024	248 113,596	12,502	12,040
8	20	98 957	81 218,836	2 523 457,704	31,070	30,607	58	70	79 577	19 002,205	228 267,572	12,013	11,550
9	21	98 927	79 213,700	2 442 238,867	30,831	30,369	59	71	77 962	18 162,458	209 265,367	11,522	11,059
10	22	98 899	77 259,417	2 363 025,167	30,586	30,123	60	72	76 224	17 324,374	191 102,909	11,031	10,568
11	23	98 868	75 351,397	2 285 765,750	30,335	29,872	61	73	74 339	16 484,030	173 778,535	10,542	10,080
12	24	98 836	73 490,447	2 210 414,353	30,078	29,615	62	74	72 314	15 643,830	157 294,506	10,055	9,592
13	25	98 806	71 675,527	2 136 923,906	29,814	29,351	63	75	70 118	14 798,712	141 650,675	9,572	9,109
14	26	98 773	69 904,208	2 065 248,379	29,544	29,082	64	76	67 746	13 949,337	126 851,963	9,094	8,631
15	27	98 735	68 172,853	1 995 344,171	29,269	28,806	65	77	65 155	13 088,649	112 902,626	8,626	8,164
16	28	98 691	66 480,395	1 927 171,318	28,989	28,526	66	78	62 394	12 228,436	99 813,976	8,162	7,700
17	29	98 640	64 825,682	1 860 690,923	28,703	28,241	67	79	59 395	11 356,591	87 585,540	7,712	7,250
18	30	98 578	63 205,001	1 795 865,241	28,413	27,951	68	80	56 215	10 486,434	76 228,949	7,269	6,807
19	31	98 503	61 616,282	1 732 660,239	28,120	27,658	69	81	52 835	9 615,658	65 742,515	6,837	6,375
20	32	98 425	60 065,923	1 671 043,957	27,820	27,358	70	82	49 267	8 747,563	56 126,857	6,416	5,954
21	33	98 337	58 548,619	1 610 978,034	27,515	27,053	71	83	45 491	7 880,001	47 379,294	6,013	5,550
22	34	98 248	57 068,861	1 552 429,416	27,203	26,740	72	84	41 575	7 026,068	39 499,293	5,622	5,159
23	35	98 154	55 623,715	1 495 360,555	26,884	26,421	73	85	37 523	6 186,615	32 473,225	5,249	4,787
24	36	98 064	54 217,095	1 439 736,840	26,555	26,093	74	86	33 390	5 370,983	26 286,611	4,894	4,432
25	37	97 962	52 840,006	1 385 519,745	26,221	25,759	75	87	29 220	4 585,514	20 915,628	4,561	4,099
26	38	97 856	51 495,407	1 332 679,739	25,880	25,417	76	88	25 080	3 839,865	16 330,114	4,253	3,790
27	39	97 745	50 182,278	1 281 184,332	25,531	25,068	77	89	21 097	3 151,253	12 490,250	3,964	3,501
28	40	97 619	48 894,964	1 231 002,054	25,176	24,714	78	90	17 265	2 515,938	9 338,997	3,712	3,250
29	41	97 491	47 640,070	1 182 107,090	24,813	24,351	79	91	13 822	1 965,035	6 823,059	3,472	3,010
30	42	97 349	46 410,326	1 134 467,020	24,444	23,982	80	92	10 697	1 483,682	4 858,024	3,274	2,812
31	43	97 200	45 209,118	1 088 056,694	24,067	23,605	81	93	8 108	1 097,246	3 374,343	3,075	2,613
32	44	97 031	44 029,845	1 042 847,577	23,685	23,223	82	94	5 960	786,798	2 277,097	2,894	2,432
33	45	96 851	42 876,159	998 817,732	23,295	22,833	83	95	4 243	546,486	1 490,299	2,727	2,265
34	46	96 654	41 745,416	955 941,573	22,899	22,437	84	96	2 922	367,123	943,813	2,571	2,108
35	47	96 441	40 637,588	914 196,157	22,496	22,034	85	97	1 937	237,500	576,690	2,428	1,966
36	48	96 203	39 548,352	873 558,569	22,088	21,626	86	98	1 235	147,720	339,190	2,296	1,834
37	49	95 948	38 481,599	834 010,217	21,673	21,211	87	99	754	88,027	191,469	2,175	1,713
38	50	95 660	37 430,223	795 528,617	21,254	20,791	88	100	440	50,062	103,443	2,066	1,604
39	51	95 344	36 396,793	758 098,395	20,829	20,366							
40	52	95 002	35 381,518	721 701,602	20,398	19,935							
41	53	94 619	34 379,627	686 320,084	19,963	19,501							
42	54	94 206	33 394,460	651 940,457	19,522	19,060							
43	55	93 761	32 426,322	618 545,997	19,075	18,613							
44	56	93 263	31 467,134	586 119,675	18,626	18,164							
45	57	92 726	30 522,993	554 652,541	18,172	17,709							
46	58	92 151	29 593,823	524 129,548	17,711	17,248							
47	59	91 517	28 673,530	494 535,725	17,247	16,785							
48	60	90 822	27 761,709	465 862,195	16,781	16,318							
49	61	90 043	26 852,227	438 100,485	16,315	15,853							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$
0	13	99 556	99 556,026	3 238 420,484	32,529	32,066	50	63	88 642	25 789,694	400 019,602	15,511	15,048
1	14	99 162	96 743,490	3 138 864,458	32,445	31,983	51	64	87 692	24 891,164	374 229,908	15,035	14,572
2	15	99 119	94 342,783	3 042 120,968	32,245	31,783	52	65	86 636	23 991,545	349 338,745	14,561	14,098
3	16	99 088	92 012,791	2 947 778,185	32,037	31,574	53	66	85 529	23 107,326	325 347,200	14,080	13,617
4	17	99 059	89 742,283	2 855 765,394	31,822	31,359	54	67	84 330	22 227,517	302 239,874	13,598	13,135
5	18	99 030	87 527,772	2 766 023,111	31,602	31,139	55	68	83 042	21 354,276	280 012,357	13,113	12,650
6	19	98 996	85 364,220	2 678 495,340	31,377	30,915	56	69	81 679	20 491,542	258 658,081	12,623	12,160
7	20	98 965	83 256,167	2 593 131,120	31,146	30,684	57	70	80 223	19 635,229	238 166,539	12,130	11,667
8	21	98 935	81 200,807	2 509 874,953	30,909	30,447	58	71	78 654	18 781,690	218 531,310	11,635	11,173
9	22	98 906	79 197,122	2 428 674,146	30,666	30,204	59	72	76 958	17 928,576	199 749,620	11,141	10,679
10	23	98 876	77 242,085	2 349 477,025	30,417	29,955	60	73	75 120	17 073,556	181 821,044	10,649	10,187
11	24	98 845	75 334,173	2 272 234,940	30,162	29,700	61	74	73 131	16 215,980	164 747,487	10,160	9,697
12	25	98 817	73 475,592	2 196 900,766	29,900	29,437	62	75	70 968	15 352,737	148 531,508	9,675	9,212
13	26	98 784	71 659,760	2 123 425,175	29,632	29,170	63	76	68 613	14 481,162	133 178,771	9,197	8,734
14	27	98 749	69 887,664	2 051 765,415	29,358	28,896	64	77	66 086	13 607,679	118 697,608	8,723	8,260
15	28	98 708	68 154,538	1 981 877,751	29,079	28,617	65	78	63 348	12 725,783	105 089,929	8,258	7,796
16	29	98 666	66 463,584	1 913 723,212	28,794	28,331	66	79	60 394	11 836,291	92 364,146	7,803	7,341
17	30	98 612	64 807,082	1 847 259,628	28,504	28,042	67	80	57 238	10 944,280	80 527,854	7,358	6,896
18	31	98 550	63 187,112	1 782 452,546	28,209	27,747	68	81	53 867	10 048,462	69 583,575	6,925	6,462
19	32	98 473	61 597,673	1 719 265,433	27,911	27,449	69	82	50 321	9 158,046	59 535,113	6,501	6,038
20	33	98 390	60 044,631	1 657 667,761	27,607	27,145	70	83	46 550	8 265,185	50 377,067	6,095	5,633
21	34	98 301	58 527,211	1 597 623,130	27,297	26,835	71	84	42 638	7 385,834	42 111,882	5,702	5,239
22	35	98 206	57 044,620	1 539 095,918	26,981	26,518	72	85	38 568	6 517,973	34 726,049	5,328	4,865
23	36	98 115	55 601,590	1 482 051,299	26,655	26,192	73	86	34 418	5 674,644	28 208,076	4,971	4,508
24	37	98 017	54 191,330	1 426 449,709	26,322	25,860	74	87	30 244	4 864,914	22 533,432	4,632	4,169
25	38	97 910	52 811,807	1 372 258,379	25,984	25,522	75	88	26 056	4 088,941	17 668,518	4,321	3,859
26	39	97 802	51 466,739	1 319 446,572	25,637	25,174	76	89	22 013	3 370,298	13 579,577	4,029	3,567
27	40	97 680	50 149,080	1 267 979,833	25,284	24,822	77	90	18 111	2 705,297	10 209,279	3,774	3,311
28	41	97 550	48 860,433	1 217 830,754	24,925	24,462	78	91	14 592	2 126,482	7 503,981	3,529	3,066
29	42	97 413	47 601,887	1 168 970,321	24,557	24,095	79	92	11 366	1 615,875	5 377,500	3,328	2,865
30	43	97 262	46 369,017	1 121 368,434	24,184	23,721	80	93	8 673	1 202,931	3 761,625	3,127	2,665
31	44	97 100	45 162,826	1 074 999,418	23,803	23,340	81	94	6 428	869,839	2 558,695	2,942	2,479
32	45	96 922	43 980,393	1 029 836,591	23,416	22,953	82	95	4 613	609,074	1 688,856	2,773	2,310
33	46	96 728	42 821,739	985 856,199	23,022	22,560	83	96	3 203	412,567	1 079,782	2,617	2,155
34	47	96 518	41 686,592	943 034,460	22,622	22,160	84	97	2 148	269,944	667,215	2,472	2,009
35	48	96 284	40 571,141	901 347,867	22,216	21,754	85	98	1 386	169,867	397,271	2,339	1,876
36	49	96 033	39 478,414	860 776,727	21,804	21,341	86	99	858	102,637	227,404	2,216	1,753
37	50	95 751	38 402,418	821 298,313	21,387	20,924	87	100	509	59,338	124,766	2,103	1,640
38	51	95 449	37 347,764	782 895,895	20,962	20,500							
39	52	95 111	36 307,737	745 548,131	20,534	20,072							
40	53	94 741	35 284,383	709 240,394	20,101	19,638							
41	54	94 335	34 276,263	673 956,012	19,662	19,200							
42	55	93 905	33 287,891	639 679,748	19,217	18,754							
43	56	93 429	32 311,430	606 391,858	18,767	18,305							
44	57	92 911	31 348,433	574 080,427	18,313	17,850							
45	58	92 355	30 401,006	542 731,994	17,852	17,390							
46	59	91 744	29 463,246	512 330,988	17,389	16,926							
47	60	91 085	28 538,133	482 867,742	16,920	16,458							
48	61	90 333	27 612,092	454 329,609	16,454	15,992							
49	62	89 525	26 697,915	426 717,517	15,983	15,521							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$
0	14	99 547	99 547,108	3 224 075,326	32,387	31,925	50	64	88 045	25 615,927	388 356,633	15,161	14,698
1	15	99 151	96 733,005	3 124 528,218	32,301	31,838	51	65	87 048	24 708,229	362 740,706	14,681	14,219
2	16	99 106	94 330,915	3 027 795,214	32,098	31,635	52	66	85 960	23 804,174	338 032,478	14,201	13,738
3	17	99 072	91 998,633	2 933 464,298	31,886	31,424	53	67	84 798	22 909,660	314 228,304	13,716	13,254
4	18	99 043	89 727,881	2 841 465,665	31,668	31,205	54	68	83 559	22 024,529	291 318,644	13,227	12,765
5	19	99 007	87 507,779	2 751 737,784	31,446	30,983	55	69	82 236	21 146,913	269 294,115	12,734	12,272
6	20	98 976	85 346,589	2 664 230,005	31,217	30,754	56	70	80 812	20 273,890	248 147,203	12,240	11,777
7	21	98 943	83 237,685	2 578 883,416	30,982	30,520	57	71	79 292	19 407,368	227 873,312	11,742	11,279
8	22	98 915	81 183,812	2 495 645,731	30,741	30,278	58	72	77 641	18 539,835	208 465,945	11,244	10,782
9	23	98 884	79 179,355	2 414 461,919	30,494	30,031	59	73	75 844	17 669,011	189 926,110	10,749	10,287
10	24	98 854	77 224,429	2 335 282,564	30,240	29,778	60	74	73 899	16 795,920	172 257,099	10,256	9,793
11	25	98 825	75 318,945	2 258 058,135	29,980	29,518	61	75	71 770	15 914,240	155 461,179	9,769	9,306
12	26	98 795	73 459,420	2 182 739,190	29,714	29,251	62	76	69 446	15 023,299	139 546,939	9,289	8,826
13	27	98 760	71 642,801	2 109 279,761	29,442	28,979	63	77	66 933	14 126,478	124 523,640	8,815	8,352
14	28	98 723	69 868,889	2 037 636,960	29,164	28,701	64	78	64 254	13 230,424	110 397,162	8,344	7,882
15	29	98 683	68 137,304	1 967 768,071	28,879	28,417	65	79	61 317	12 317,690	97 166,738	7,888	7,426
16	30	98 637	66 444,514	1 899 630,767	28,590	28,127	66	80	58 201	11 406,564	84 849,048	7,439	6,976
17	31	98 584	64 788,740	1 833 186,253	28,295	27,832	67	81	54 848	10 487,186	73 442,484	7,003	6,541
18	32	98 521	63 168,028	1 768 397,513	27,995	27,533	68	82	51 303	9 570,252	62 955,299	6,578	6,116
19	33	98 438	61 575,838	1 705 229,485	27,693	27,231	69	83	47 546	8 653,032	53 385,046	6,170	5,707
20	34	98 354	60 022,677	1 643 653,647	27,384	26,921	70	84	43 631	7 746,862	44 732,015	5,774	5,312
21	35	98 259	58 502,350	1 583 630,970	27,070	26,607	71	85	39 554	6 851,722	36 985,153	5,398	4,936
22	36	98 167	57 021,930	1 525 128,620	26,746	26,284	72	86	35 377	5 978,580	30 133,431	5,040	4,578
23	37	98 069	55 575,167	1 468 106,690	26,417	25,954	73	87	31 175	5 139,963	24 154,851	4,699	4,237
24	38	97 965	54 162,001	1 412 531,523	26,080	25,617	74	88	26 969	4 338,085	19 014,888	4,383	3,921
25	39	97 856	52 782,405	1 358 369,114	25,735	25,273	75	89	22 869	3 588,916	14 676,803	4,089	3,627
26	40	97 737	51 432,691	1 305 586,708	25,384	24,922	76	90	18 898	2 893,344	11 087,887	3,832	3,370
27	41	97 611	50 113,663	1 254 154,017	25,026	24,564	77	91	15 308	2 286,529	8 194,543	3,584	3,121
28	42	97 471	48 821,271	1 204 040,354	24,662	24,200	78	92	11 999	1 748,634	5 908,013	3,379	2,916
29	43	97 326	47 559,517	1 155 219,083	24,290	23,828	79	93	9 215	1 310,109	4 159,379	3,175	2,712
30	44	97 163	46 321,538	1 107 659,566	23,912	23,450	80	94	6 875	953,620	2 849,270	2,988	2,525
31	45	96 991	45 112,101	1 061 338,028	23,527	23,064	81	95	4 976	673,357	1 895,650	2,815	2,353
32	46	96 799	43 924,571	1 016 225,927	23,136	22,673	82	96	3 483	459,818	1 222,293	2,658	2,196
33	47	96 592	42 761,398	972 301,356	22,738	22,275	83	97	2 355	303,359	762,475	2,513	2,051
34	48	96 360	41 618,430	929 539,958	22,335	21,872	84	98	1 536	193,072	459,116	2,378	1,916
35	49	96 113	40 499,393	887 921,528	21,924	21,462	85	99	963	118,025	266,044	2,254	1,792
36	50	95 835	39 397,181	847 422,134	21,510	21,047	86	100	578	69,188	148,019	2,139	1,677
37	51	95 540	38 317,817	808 024,953	21,087	20,625							
38	52	95 215	37 256,382	769 707,136	20,660	20,197							
39	53	94 850	36 208,059	732 450,754	20,229	19,767							
40	54	94 456	35 178,299	696 242,695	19,792	19,329							
41	55	94 034	34 166,880	661 064,397	19,348	18,886							
42	56	93 572	33 169,946	626 897,516	18,900	18,437							
43	57	93 077	32 189,545	593 727,570	18,445	17,982							
44	58	92 539	31 223,147	561 538,025	17,985	17,522							
45	59	91 948	30 266,867	530 314,878	17,521	17,059							
46	60	91 311	29 324,120	500 048,010	17,052	16,590							
47	61	90 594	28 384,331	470 723,890	16,584	16,122							
48	62	89 814	27 453,413	442 339,560	16,112	15,650							
49	63	88 961	26 529,514	414 886,147	15,639	15,176							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$
0	15	99 536	99 536,318	3 209 065,642	32,240	31,778	50	65	87 398	25 427,665	376 269,550	14,798	14,335
1	16	99 139	96 720,837	3 109 529,324	32,150	31,687	51	66	86 368	24 515,260	350 841,885	14,311	13,849
2	17	99 091	94 316,400	3 012 808,487	31,944	31,481	52	67	85 224	23 600,547	326 326,625	13,827	13,365
3	18	99 057	91 983,870	2 918 492,087	31,728	31,266	53	68	84 023	22 700,442	302 726,078	13,336	12,873
4	19	99 020	89 707,386	2 826 508,217	31,508	31,046	54	69	82 748	21 810,657	280 025,636	12,839	12,377
5	20	98 987	87 489,705	2 736 800,831	31,281	30,819	55	70	81 362	20 922,300	258 214,980	12,342	11,879
6	21	98 954	85 327,642	2 649 311,125	31,049	30,586	56	71	79 874	20 038,617	237 292,679	11,842	11,379
7	22	98 923	83 220,264	2 563 983,483	30,810	30,347	57	72	78 271	19 157,455	217 254,062	11,340	10,878
8	23	98 892	81 165,600	2 480 763,219	30,564	30,102	58	73	76 517	18 271,420	198 096,607	10,842	10,379
9	24	98 862	79 161,257	2 399 597,618	30,313	29,850	59	74	74 611	17 381,692	179 825,187	10,346	9,883
10	25	98 834	77 208,819	2 320 436,362	30,054	29,592	60	75	72 523	16 483,389	162 443,495	9,855	9,393
11	26	98 803	75 302,377	2 243 227,543	29,790	29,327	61	76	70 230	15 572,753	145 960,105	9,373	8,910
12	27	98 771	73 442,043	2 167 925,166	29,519	29,056	62	77	67 745	14 655,368	130 387,352	8,897	8,435
13	28	98 734	71 623,554	2 094 483,123	29,243	28,781	63	78	65 077	13 734,840	115 732,016	8,426	7,964
14	29	98 698	69 851,221	2 022 859,569	28,960	28,497	64	79	62 194	12 806,147	101 997,176	7,965	7,502
15	30	98 655	68 117,754	1 953 008,348	28,671	28,209	65	80	59 091	11 870,485	89 191,029	7,514	7,051
16	31	98 609	66 425,709	1 884 890,594	28,376	27,914	66	81	55 770	10 930,162	77 320,545	7,074	6,612
17	32	98 554	64 769,172	1 818 464,885	28,076	27,614	67	82	52 237	9 988,097	66 390,382	6,647	6,185
18	33	98 486	63 145,637	1 753 695,713	27,772	27,310	68	83	48 474	9 042,507	56 402,286	6,237	5,775
19	34	98 402	61 553,324	1 690 550,077	27,465	27,002	69	84	44 564	8 110,386	47 359,778	5,839	5,377
20	35	98 312	59 997,180	1 628 996,753	27,151	26,689	70	85	40 476	7 186,642	39 249,392	5,461	4,999
21	36	98 220	58 479,081	1 568 999,572	26,830	26,368	71	86	36 281	6 284,710	32 062,750	5,102	4,639
22	37	98 121	56 994,832	1 510 520,492	26,503	26,040	72	87	32 043	5 415,262	25 778,040	4,760	4,298
23	38	98 016	55 545,508	1 453 525,660	26,168	25,706	73	88	27 799	4 583,349	20 362,778	4,443	3,980
24	39	97 910	54 132,256	1 397 980,152	25,825	25,363	74	89	23 671	3 807,593	15 779,429	4,144	3,682
25	40	97 791	52 747,487	1 343 847,896	25,477	25,015	75	90	19 633	3 081,024	11 971,836	3,886	3,423
26	41	97 668	51 396,368	1 291 100,409	25,120	24,658	76	91	15 973	2 445,467	8 890,813	3,636	3,173
27	42	97 533	50 073,497	1 239 704,041	24,758	24,295	77	92	12 588	1 880,244	6 445,345	3,428	2,966
28	43	97 385	48 777,816	1 189 630,543	24,389	23,926	78	93	9 729	1 417,747	4 565,102	3,220	2,758
29	44	97 226	47 510,819	1 140 852,727	24,012	23,550	79	94	7 305	1 038,586	3 147,354	3,030	2,568
30	45	97 053	46 269,511	1 093 341,908	23,630	23,167	80	95	5 322	738,214	2 108,769	2,857	2,394
31	46	96 868	45 054,844	1 047 072,397	23,240	22,778	81	96	3 757	508,348	1 370,555	2,696	2,234
32	47	96 663	43 862,677	1 002 017,554	22,844	22,382	82	97	2 561	338,102	862,207	2,550	2,088
33	48	96 434	42 691,478	958 154,877	22,444	21,981	83	98	1 685	216,971	524,104	2,416	1,953
34	49	96 190	41 544,831	915 463,398	22,036	21,573	84	99	1 068	134,148	307,133	2,290	1,827
35	50	95 916	40 416,060	873 918,568	21,623	21,161	85	100	649	79,560	172,986	2,174	1,712
36	51	95 624	39 310,389	833 502,508	21,203	20,741							
37	52	95 306	38 224,061	794 192,119	20,777	20,315							
38	53	94 954	37 154,099	755 968,057	20,347	19,884							
39	54	94 565	36 099,198	718 813,958	19,912	19,450							
40	55	94 155	35 066,037	682 714,760	19,469	19,007							
41	56	93 701	34 045,821	647 648,723	19,023	18,560							
42	57	93 219	33 044,822	613 602,902	18,569	18,106							
43	58	92 705	32 060,897	580 558,080	18,108	17,646							
44	59	92 131	31 085,381	548 497,182	17,645	17,182							
45	60	91 514	30 123,947	517 411,801	17,176	16,714							
46	61	90 819	29 166,082	487 287,854	16,707	16,245							
47	62	90 074	28 221,214	458 121,773	16,233	15,771							
48	63	89 247	27 280,247	429 900,558	15,759	15,296							
49	64	88 361	26 350,762	402 620,312	15,279	14,817							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	16	99 524	99 523,797	3 193 387,599	32,087	31,624	50	66	86 715	25 229,078	363 773,849	14,419	13,956
1	17	99 124	96 705,954	3 093 863,802	31,992	31,530	51	67	85 629	24 305,550	338 544,772	13,929	13,466
2	18	99 075	94 301,265	2 997 157,848	31,783	31,320	52	68	84 446	23 385,019	314 239,221	13,438	12,975
3	19	99 034	91 962,859	2 902 856,583	31,566	31,103	53	69	83 207	22 480,007	290 854,202	12,938	12,476
4	20	99 000	89 688,858	2 810 893,723	31,341	30,878	54	70	81 869	21 578,994	268 374,195	12,437	11,974
5	21	98 965	87 470,284	2 721 204,865	31,110	30,648	55	71	80 418	20 679,503	246 795,201	11,934	11,472
6	22	98 933	85 309,784	2 633 734,581	30,873	30,410	56	72	78 845	19 780,576	226 115,698	11,431	10,969
7	23	98 901	83 201,595	2 548 424,797	30,630	30,167	57	73	77 137	18 880,099	206 335,122	10,929	10,466
8	24	98 870	81 147,047	2 465 223,202	30,380	29,917	58	74	75 272	17 974,305	187 455,023	10,429	9,967
9	25	98 842	79 145,255	2 384 076,154	30,123	29,660	59	75	73 222	17 058,261	169 480,718	9,935	9,473
10	26	98 812	77 191,835	2 304 930,899	29,860	29,397	60	76	70 967	16 129,690	152 422,457	9,450	8,987
11	27	98 780	75 284,555	2 227 739,065	29,591	29,128	61	77	68 510	15 191,333	136 292,767	8,972	8,509
12	28	98 745	73 422,313	2 152 454,509	29,316	28,854	62	78	65 867	14 249,036	121 101,434	8,499	8,037
13	29	98 709	71 605,442	2 079 032,196	29,035	28,572	63	79	62 990	13 294,387	106 852,398	8,037	7,575
14	30	98 670	69 831,179	2 007 426,754	28,747	28,284	64	80	59 936	12 341,208	93 558,011	7,581	7,119
15	31	98 627	68 098,475	1 937 595,575	28,453	27,990	65	81	56 623	11 374,707	81 216,803	7,140	6,678
16	32	98 580	66 405,646	1 869 497,100	28,153	27,690	66	82	53 116	10 409,992	69 842,096	6,709	6,247
17	33	98 519	64 746,213	1 803 091,454	27,849	27,386	67	83	49 357	9 437,310	59 432,104	6,298	5,835
18	34	98 450	63 122,549	1 738 345,241	27,539	27,077	68	84	45 434	8 475,437	49 994,794	5,899	5,436
19	35	98 360	61 527,177	1 675 222,692	27,227	26,765	69	85	41 342	7 523,878	41 519,356	5,518	5,056
20	36	98 273	59 973,316	1 613 695,515	26,907	26,444	70	86	37 126	6 591,914	33 995,479	5,157	4,695
21	37	98 174	58 451,291	1 553 722,198	26,581	26,119	71	87	32 863	5 692,548	27 403,565	4,814	4,352
22	38	98 068	56 964,415	1 495 270,908	26,249	25,787	72	88	28 573	4 828,835	21 711,017	4,496	4,034
23	39	97 962	55 514,585	1 438 306,493	25,909	25,446	73	89	24 399	4 022,864	16 882,182	4,197	3,734
24	40	97 846	54 096,445	1 382 791,908	25,562	25,099	74	90	20 321	3 268,754	12 859,318	3,934	3,472
25	41	97 722	52 710,236	1 328 695,463	25,208	24,745	75	91	16 594	2 604,095	9 590,564	3,683	3,220
26	42	97 590	51 355,174	1 275 985,228	24,846	24,384	76	92	13 134	2 010,941	6 986,469	3,474	3,012
27	43	97 446	50 028,928	1 224 630,054	24,478	24,016	77	93	10 206	1 524,453	4 975,529	3,264	2,801
28	44	97 285	48 727,871	1 174 601,126	24,105	23,643	78	94	7 713	1 123,916	3 451,076	3,071	2,608
29	45	97 117	47 457,457	1 125 873,255	23,724	23,261	79	95	5 655	803,987	2 327,160	2,895	2,432
30	46	96 930	46 210,785	1 078 415,799	23,337	22,874	80	96	4 018	557,312	1 523,173	2,733	2,271
31	47	96 732	44 991,356	1 032 205,014	22,942	22,480	81	97	2 762	373,786	965,861	2,584	2,122
32	48	96 505	43 790,956	987 213,658	22,544	22,081	82	98	1 832	241,820	592,075	2,448	1,986
33	49	96 263	42 615,982	943 422,702	22,138	21,675	83	99	1 170	150,753	350,255	2,323	1,861
34	50	95 992	41 459,346	900 806,720	21,727	21,265	84	100	720	90,429	199,502	2,206	1,744
35	51	95 704	40 327,023	859 347,374	21,309	20,847							
36	52	95 390	39 214,205	819 020,351	20,886	20,423							
37	53	95 044	38 119,122	779 806,146	20,457	19,995							
38	54	94 669	37 042,394	741 687,024	20,023	19,560							
39	55	94 263	35 983,997	704 644,630	19,582	19,120							
40	56	93 821	34 941,792	668 660,633	19,136	18,674							
41	57	93 347	33 917,394	633 718,841	18,684	18,222							
42	58	92 847	32 912,757	599 801,447	18,224	17,762							
43	59	92 296	31 919,435	566 888,691	17,760	17,298							
44	60	91 696	30 938,595	534 969,256	17,291	16,829							
45	61	91 020	29 961,598	504 030,660	16,823	16,360							
46	62	90 297	28 998,473	474 069,063	16,348	15,886							
47	63	89 505	28 043,205	445 070,590	15,871	15,408							
48	64	88 646	27 096,436	417 027,385	15,390	14,928							
49	65	87 712	26 157,099	389 930,949	14,907	14,445							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	17	99 508	99 508,483	3 177 037,410	31,927	31,465	50	67	85 973	25 013,262	350 881,439	14,028	13,565
1	18	99 108	96 690,435	3 077 528,927	31,829	31,366	51	68	84 847	24 083,585	325 868,177	13,531	13,068
2	19	99 053	94 279,726	2 980 838,491	31,617	31,155	52	69	83 626	23 157,936	301 784,593	13,032	12,569
3	20	99 013	91 943,866	2 886 558,766	31,395	30,932	53	70	82 323	22 241,235	278 626,657	12,527	12,065
4	21	98 978	89 668,948	2 794 614,900	31,166	30,703	54	71	80 919	21 328,576	256 385,422	12,021	11,558
5	22	98 944	87 451,977	2 704 945,952	30,931	30,468	55	72	79 382	20 413,209	235 056,846	11,515	11,053
6	23	98 911	85 290,647	2 617 493,975	30,689	30,227	56	73	77 704	19 494,199	214 643,637	11,011	10,548
7	24	98 878	83 182,577	2 532 203,328	30,442	29,979	57	74	75 883	18 573,086	195 149,438	10,507	10,045
8	25	98 850	81 130,644	2 449 020,751	30,186	29,724	58	75	73 872	17 639,847	176 576,353	10,010	9,548
9	26	98 820	79 127,845	2 367 890,107	29,925	29,462	59	76	71 651	16 692,227	158 936,505	9,522	9,059
10	27	98 789	77 173,566	2 288 762,262	29,657	29,195	60	77	69 229	15 734,628	142 244,279	9,040	8,578
11	28	98 753	75 264,330	2 211 588,696	29,384	28,922	61	78	66 610	14 770,173	126 509,650	8,565	8,103
12	29	98 720	73 403,747	2 136 324,366	29,104	28,641	62	79	63 754	13 792,094	111 739,478	8,102	7,639
13	30	98 681	71 584,897	2 062 920,619	28,818	28,355	63	80	60 703	12 811,722	97 947,383	7,645	7,183
14	31	98 642	69 811,415	1 991 335,722	28,525	28,062	64	81	57 432	11 825,770	85 135,661	7,199	6,737
15	32	98 597	68 077,907	1 921 524,307	28,225	27,763	65	82	53 928	10 833,381	73 309,891	6,767	6,305
16	33	98 545	66 382,107	1 853 446,400	27,921	27,458	66	83	50 187	9 835,940	62 476,510	6,352	5,889
17	34	98 483	64 722,539	1 787 064,292	27,611	27,149	67	84	46 262	8 845,481	52 640,570	5,951	5,489
18	35	98 408	63 095,736	1 722 341,753	27,297	26,835	68	85	42 149	7 862,530	43 795,089	5,570	5,108
19	36	98 321	61 502,705	1 659 246,017	26,978	26,516	69	86	37 920	6 901,242	35 932,559	5,207	4,744
20	37	98 227	59 944,816	1 597 743,313	26,654	26,191	70	87	33 628	5 970,806	29 031,316	4,862	4,400
21	38	98 121	58 420,096	1 537 798,496	26,323	25,861	71	88	29 304	5 076,093	23 060,510	4,543	4,081
22	39	98 014	56 932,702	1 479 378,400	25,985	25,522	72	89	25 079	4 238,330	17 984,417	4,243	3,781
23	40	97 897	55 477,859	1 422 445,698	25,640	25,177	73	90	20 946	3 453,560	13 746,087	3,980	3,518
24	41	97 777	54 058,240	1 366 967,839	25,287	24,825	74	91	17 176	2 762,765	10 292,527	3,725	3,263
25	42	97 644	52 667,989	1 312 909,599	24,928	24,466	75	92	13 645	2 141,382	7 529,761	3,516	3,054
26	43	97 503	51 309,464	1 260 241,610	24,562	24,099	76	93	10 649	1 630,419	5 388,379	3,305	2,842
27	44	97 347	49 977,701	1 208 932,147	24,189	23,727	77	94	8 091	1 208,506	3 757,961	3,110	2,647
28	45	97 176	48 673,142	1 158 954,446	23,811	23,349	78	95	5 970	870,043	2 549,455	2,930	2,468
29	46	96 994	47 397,222	1 110 281,304	23,425	22,963	79	96	4 269	606,967	1 679,412	2,767	2,304
30	47	96 794	46 145,668	1 062 884,082	23,033	22,571	80	97	2 954	409,789	1 072,445	2,617	2,155
31	48	96 574	44 917,790	1 016 738,413	22,636	22,173	81	98	1 976	267,343	662,657	2,479	2,016
32	49	96 334	43 713,515	971 820,623	22,232	21,769	82	99	1 273	168,019	395,314	2,353	1,890
33	50	96 065	42 528,293	928 107,108	21,823	21,361	83	100	789	101,622	227,295	2,237	1,774
34	51	95 780	41 368,011	885 578,816	21,407	20,945							
35	52	95 470	40 228,351	844 210,804	20,985	20,523							
36	53	95 128	39 106,547	803 982,453	20,559	20,096							
37	54	94 759	38 004,515	764 875,906	20,126	19,664							
38	55	94 366	36 924,183	726 871,390	19,686	19,223							
39	56	93 929	35 856,500	689 947,207	19,242	18,779							
40	57	93 467	34 809,984	654 090,707	18,790	18,328							
41	58	92 974	33 781,840	619 280,722	18,332	17,869							
42	59	92 437	32 767,535	585 498,882	17,868	17,406							
43	60	91 860	31 768,710	552 731,347	17,399	16,936							
44	61	91 202	30 771,856	520 962,636	16,930	16,467							
45	62	90 497	29 789,417	490 190,780	16,455	15,993							
46	63	89 727	28 815,561	460 401,362	15,978	15,515							
47	64	88 902	27 854,254	431 585,802	15,494	15,032							
48	65	87 994	26 897,293	403 731,548	15,010	14,548							
49	66	87 027	25 952,815	376 834,255	14,520	14,058							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	18	99 493	99 492,515	3 160 012,393	31,761	31,299	50	68	85 188	24 784,833	337 611,743	13,622	13,159
1	19	99 085	96 668,350	3 060 519,878	31,660	31,198	51	69	84 023	23 849,718	312 826,910	13,117	12,654
2	20	99 032	94 260,253	2 963 851,528	31,443	30,981	52	70	82 738	22 911,963	288 977,192	12,613	12,150
3	21	98 992	91 923,455	2 869 591,275	31,217	30,755	53	71	81 368	21 983,132	266 065,229	12,103	11,641
4	22	98 957	89 650,182	2 777 667,820	30,983	30,521	54	72	79 877	21 053,924	244 082,097	11,593	11,131
5	23	98 922	87 432,359	2 688 017,638	30,744	30,282	55	73	78 233	20 117,672	223 028,173	11,086	10,624
6	24	98 888	85 271,151	2 600 585,279	30,498	30,035	56	74	76 440	19 177,200	202 910,501	10,581	10,118
7	25	98 858	83 165,763	2 515 314,129	30,245	29,782	57	75	74 471	18 227,486	183 733,302	10,080	9,618
8	26	98 828	81 112,797	2 432 148,366	29,985	29,522	58	76	72 287	17 261,333	165 505,815	9,588	9,126
9	27	98 796	79 109,118	2 351 035,568	29,719	29,256	59	77	69 896	16 283,387	148 244,483	9,104	8,642
10	28	98 762	77 152,833	2 271 926,451	29,447	28,985	60	78	67 310	15 298,406	131 961,096	8,626	8,163
11	29	98 728	75 245,298	2 194 773,617	29,168	28,706	61	79	64 474	14 296,519	116 662,690	8,160	7,698
12	30	98 692	73 382,686	2 119 528,319	28,883	28,421	62	80	61 440	13 291,359	102 366,170	7,702	7,239
13	31	98 653	71 564,636	2 046 145,633	28,592	28,129	63	81	58 168	12 276,633	89 074,811	7,256	6,793
14	32	98 612	69 790,330	1 974 580,997	28,293	27,831	64	82	54 699	11 262,978	76 798,178	6,819	6,356
15	33	98 562	68 053,775	1 904 790,667	27,989	27,527	65	83	50 954	10 235,981	65 535,200	6,402	5,940
16	34	98 509	66 357,836	1 836 736,892	27,679	27,217	66	84	47 040	9 219,113	55 299,219	5,998	5,536
17	35	98 441	64 695,047	1 770 379,056	27,365	26,903	67	85	42 916	8 205,814	46 080,106	5,616	5,153
18	36	98 369	63 070,639	1 705 684,009	27,044	26,582	68	86	38 661	7 211,869	37 874,292	5,252	4,789
19	37	98 275	61 473,478	1 642 613,370	26,721	26,258	69	87	34 348	6 250,989	30 662,422	4,905	4,443
20	38	98 174	59 912,825	1 581 139,892	26,391	25,928	70	88	29 987	5 324,218	24 411,434	4,585	4,123
21	39	98 067	58 387,573	1 521 227,068	26,054	25,592	71	89	25 720	4 455,352	19 087,216	4,284	3,822
22	40	97 949	56 895,038	1 462 839,495	25,711	25,249	72	90	21 530	3 638,535	14 631,864	4,021	3,559
23	41	97 828	55 438,679	1 405 944,457	25,360	24,898	73	91	17 704	2 918,965	10 993,329	3,766	3,304
24	42	97 698	54 014,913	1 350 505,778	25,002	24,540	74	92	14 124	2 271,859	8 074,365	3,554	3,092
25	43	97 557	52 621,110	1 296 490,865	24,638	24,176	75	93	11 063	1 736,177	5 802,506	3,342	2,880
26	44	97 403	51 256,926	1 243 869,755	24,267	23,805	76	94	8 442	1 292,510	4 066,328	3,146	2,684
27	45	97 237	49 921,568	1 192 612,829	23,890	23,427	77	95	6 263	935,525	2 773,818	2,965	2,503
28	46	97 052	48 611,364	1 142 691,261	23,507	23,044	78	96	4 507	656,835	1 838,293	2,799	2,336
29	47	96 857	47 330,434	1 094 079,897	23,116	22,653	79	97	3 139	446,300	1 181,458	2,647	2,185
30	48	96 635	46 070,215	1 046 749,463	22,721	22,258	80	98	2 113	293,093	735,158	2,508	2,046
31	49	96 403	44 838,356	1 000 679,248	22,317	21,855	81	99	1 373	185,752	442,065	2,380	1,917
32	50	96 136	43 623,568	955 840,892	21,911	21,449	82	100	858	113,261	256,314	2,263	1,801
33	51	95 853	42 434,603	912 217,324	21,497	21,035							
34	52	95 546	41 266,792	869 782,721	21,077	20,615							
35	53	95 208	40 117,910	828 515,929	20,652	20,190							
36	54	94 842	38 988,972	788 398,019	20,221	19,759							
37	55	94 456	37 883,235	749 409,047	19,782	19,320							
38	56	94 032	36 793,355	711 525,813	19,338	18,876							
39	57	93 574	35 721,242	674 732,458	18,889	18,426							
40	58	93 093	34 670,864	639 011,216	18,431	17,968							
41	59	92 564	33 632,785	604 340,352	17,969	17,506							
42	60	92 001	32 612,806	570 707,567	17,499	17,037							
43	61	91 365	31 597,498	538 094,761	17,030	16,567							
44	62	90 678	30 595,019	506 497,263	16,555	16,092							
45	63	89 927	29 601,516	475 902,244	16,077	15,615							
46	64	89 123	28 621,406	446 300,727	15,593	15,131							
47	65	88 249	27 649,541	417 679,322	15,106	14,644							
48	66	87 307	26 687,229	390 029,780	14,615	14,152							
49	67	86 283	25 730,808	363 342,552	14,121	13,658							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	19	99 470	99 469,790	3 142 307,568	31,591	31,128	50	69	84 361	24 544,157	323 979,937	13,200	12,737
1	20	99 065	96 648,384	3 042 837,778	31,484	31,021	51	70	83 131	23 596,398	299 435,781	12,690	12,227
2	21	99 010	94 239,328	2 946 189,394	31,263	30,800	52	71	81 778	22 646,076	275 839,383	12,180	11,718
3	22	98 971	91 904,216	2 851 950,065	31,032	30,569	53	72	80 320	21 700,051	253 193,306	11,668	11,205
4	23	98 935	89 630,070	2 760 045,849	30,794	30,331	54	73	78 721	20 749,111	231 493,256	11,157	10,694
5	24	98 899	87 412,373	2 670 415,779	30,550	30,087	55	74	76 961	19 790,535	210 744,145	10,649	10,186
6	25	98 868	85 253,914	2 583 003,405	30,298	29,835	56	75	75 018	18 820,359	190 953,610	10,146	9,684
7	26	98 836	83 147,468	2 497 749,491	30,040	29,578	57	76	72 873	17 836,362	172 133,251	9,651	9,188
8	27	98 805	81 093,601	2 414 602,023	29,775	29,313	58	77	70 516	16 838,554	154 296,889	9,163	8,701
9	28	98 770	79 087,865	2 333 508,422	29,505	29,043	59	78	67 958	15 831,951	137 458,335	8,682	8,220
10	29	98 737	77 133,324	2 254 420,557	29,228	28,765	60	79	65 151	14 807,813	121 626,384	8,214	7,751
11	30	98 700	75 223,708	2 177 287,233	28,944	28,482	61	80	62 133	13 777,471	106 818,571	7,753	7,291
12	31	98 664	73 361,916	2 102 063,525	28,653	28,191	62	81	58 874	12 736,238	93 041,100	7,305	6,843
13	32	98 623	71 543,022	2 028 701,609	28,356	27,894	63	82	55 400	11 692,384	80 304,862	6,868	6,406
14	33	98 577	69 765,591	1 957 158,586	28,053	27,591	64	83	51 683	10 641,889	68 612,478	6,447	5,985
15	34	98 526	68 028,893	1 887 392,995	27,744	27,282	65	84	47 759	9 594,067	57 970,589	6,042	5,580
16	35	98 467	66 329,649	1 819 364,103	27,429	26,967	66	85	43 638	8 552,426	48 376,522	5,656	5,194
17	36	98 402	64 669,314	1 753 034,454	27,108	26,645	67	86	39 365	7 526,745	39 824,096	5,291	4,829
18	37	98 322	63 040,667	1 688 365,140	26,782	26,320	68	87	35 018	6 532,348	32 297,351	4,944	4,482
19	38	98 222	61 440,670	1 625 324,473	26,454	25,991	69	88	30 628	5 574,059	25 765,004	4,622	4,160
20	39	98 119	59 879,470	1 563 883,803	26,117	25,655	70	89	26 320	4 673,135	20 190,945	4,321	3,858
21	40	98 002	58 348,946	1 504 004,333	25,776	25,314	71	90	22 080	3 824,844	15 517,810	4,057	3,595
22	41	97 880	56 854,857	1 445 655,386	25,427	24,965	72	91	18 197	3 075,306	11 692,966	3,802	3,340
23	42	97 749	55 394,245	1 388 800,529	25,071	24,609	73	92	14 558	2 400,304	8 617,661	3,590	3,128
24	43	97 611	53 966,835	1 333 406,283	24,708	24,245	74	93	11 451	1 841,964	6 217,357	3,375	2,913
25	44	97 457	52 567,264	1 279 439,448	24,339	23,877	75	94	8 770	1 376,350	4 375,392	3,179	2,717
26	45	97 294	51 199,356	1 226 872,220	23,963	23,500	76	95	6 535	1 000,554	2 999,042	2,997	2,535
27	46	97 114	49 858,206	1 175 672,863	23,580	23,118	77	96	4 728	706,271	1 998,488	2,830	2,367
28	47	96 916	48 542,865	1 125 814,657	23,192	22,730	78	97	3 314	482,968	1 292,217	2,676	2,213
29	48	96 699	47 253,043	1 077 271,792	22,798	22,336	79	98	2 245	319,207	809,249	2,535	2,073
30	49	96 464	45 988,743	1 030 018,748	22,397	21,935	80	99	1 468	203,643	490,042	2,406	1,944
31	50	96 204	44 746,095	984 030,005	21,991	21,529	81	100	925	125,215	286,399	2,287	1,825
32	51	95 924	43 527,465	939 283,911	21,579	21,117							
33	52	95 619	42 330,774	895 756,446	21,161	20,698							
34	53	95 284	41 153,500	853 425,671	20,738	20,275							
35	54	94 922	39 997,293	812 272,172	20,308	19,846							
36	55	94 539	38 864,549	772 274,878	19,871	19,409							
37	56	94 121	37 749,008	733 410,329	19,429	18,966							
38	57	93 677	36 654,563	695 661,321	18,979	18,516							
39	58	93 200	35 578,480	659 006,758	18,523	18,060							
40	59	92 683	34 517,886	623 428,279	18,061	17,599							
41	60	92 127	33 473,970	588 910,393	17,593	17,131							
42	61	91 505	32 437,044	555 436,423	17,124	16,661							
43	62	90 840	31 415,916	522 999,379	16,648	16,185							
44	63	90 106	30 402,037	491 583,463	16,169	15,707							
45	64	89 321	29 402,065	461 181,426	15,685	15,223							
46	65	88 468	28 411,055	431 779,360	15,198	14,735							
47	66	87 560	27 433,602	403 368,305	14,703	14,241							
48	67	86 560	26 458,939	375 934,703	14,208	13,746							
49	68	85 495	25 495,827	349 475,764	13,707	13,245							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	20	99 449	99 449,245	3 123 923,979	31,412	30,950	50	70	83 465	24 283,460	310 001,078	12,766	12,304
1	21	99 043	96 626,929	3 024 474,733	31,301	30,838	51	71	82 166	23 322,568	285 717,617	12,251	11,788
2	22	98 989	94 219,605	2 927 847,804	31,075	30,612	52	72	80 724	22 354,459	262 395,049	11,738	11,276
3	23	98 949	91 883,599	2 833 628,199	30,839	30,377	53	73	79 157	21 385,883	240 040,590	11,224	10,762
4	24	98 912	89 609,583	2 741 744,600	30,597	30,134	54	74	77 440	20 411,706	218 654,707	10,712	10,250
5	25	98 879	87 394,704	2 652 135,017	30,347	29,884	55	75	75 529	19 422,281	198 243,002	10,207	9,745
6	26	98 847	85 235,160	2 564 740,313	30,090	29,628	56	76	73 408	18 416,513	178 820,720	9,710	9,247
7	27	98 813	83 127,790	2 479 505,153	29,828	29,365	57	77	71 088	17 399,500	160 404,207	9,219	8,756
8	28	98 778	81 071,815	2 396 377,363	29,559	29,096	58	78	68 561	16 371,727	143 004,707	8,735	8,272
9	29	98 745	79 067,866	2 315 305,548	29,283	28,820	59	79	65 779	15 324,248	126 632,981	8,264	7,801
10	30	98 709	77 111,193	2 236 237,681	29,000	28,538	60	80	62 786	14 270,202	111 308,733	7,800	7,338
11	31	98 672	75 202,418	2 159 126,489	28,711	28,248	61	81	59 538	13 202,047	97 038,531	7,350	6,888
12	32	98 634	73 339,759	2 083 924,071	28,415	27,952	62	82	56 072	12 130,116	83 836,484	6,911	6,449
13	33	98 588	71 517,662	2 010 584,312	28,113	27,651	63	83	52 345	11 047,616	71 706,368	6,491	6,028
14	34	98 541	69 740,082	1 939 066,650	27,804	27,342	64	84	48 442	9 974,519	60 658,753	6,081	5,619
15	35	98 484	67 999,996	1 869 326,568	27,490	27,028	65	85	44 305	8 900,265	50 684,234	5,695	5,232
16	36	98 428	66 303,266	1 801 326,572	27,168	26,706	66	86	40 027	7 844,673	41 783,969	5,326	4,864
17	37	98 355	64 638,582	1 735 023,306	26,842	26,379	67	87	35 656	6 817,555	33 939,296	4,978	4,516
18	38	98 269	63 007,023	1 670 384,724	26,511	26,049	68	88	31 226	5 824,949	27 121,741	4,656	4,194
19	39	98 167	61 406,465	1 607 377,701	26,176	25,714	69	89	26 883	4 892,423	21 296,791	4,353	3,891
20	40	98 055	59 839,857	1 545 971,236	25,835	25,373	70	90	22 595	4 011,807	16 404,368	4,089	3,627
21	41	97 933	58 307,739	1 486 131,379	25,488	25,025	71	91	18 663	3 232,775	12 392,561	3,833	3,371
22	42	97 801	56 809,289	1 427 823,640	25,134	24,671	72	92	14 964	2 528,865	9 159,786	3,622	3,160
23	43	97 662	55 344,940	1 371 014,351	24,772	24,310	73	93	11 803	1 946,104	6 630,921	3,407	2,945
24	44	97 511	53 911,576	1 315 669,412	24,404	23,942	74	94	9 078	1 460,212	4 684,817	3,208	2,746
25	45	97 347	52 508,188	1 261 757,835	24,030	23,567	75	95	6 789	1 065,456	3 224,604	3,027	2,564
26	46	97 170	51 134,372	1 209 249,648	23,648	23,186	76	96	4 934	755,364	2 159,148	2,858	2,396
27	47	96 977	49 787,951	1 158 115,275	23,261	22,799	77	97	3 477	519,318	1 403,784	2,703	2,241
28	48	96 757	48 463,492	1 108 327,325	22,869	22,407	78	98	2 370	345,432	884,466	2,560	2,098
29	49	96 528	47 169,480	1 059 863,833	22,469	22,007	79	99	1 560	221,787	539,033	2,430	1,968
30	50	96 266	45 894,114	1 012 694,353	22,066	21,603	80	100	990	137,275	317,246	2,311	1,849
31	51	95 992	44 647,519	966 800,239	21,654	21,192							
32	52	95 689	43 420,962	922 152,720	21,238	20,775							
33	53	95 356	42 214,561	878 731,757	20,816	20,353							
34	54	94 997	41 029,770	836 517,197	20,388	19,926							
35	55	94 619	39 869,653	795 487,427	19,952	19,490							
36	56	94 204	38 726,846	755 617,774	19,511	19,049							
37	57	93 766	37 606,611	716 890,928	19,063	18,600							
38	58	93 303	36 508,070	679 284,317	18,606	18,144							
39	59	92 789	35 421,496	642 776,246	18,147	17,684							
40	60	92 245	34 354,891	607 354,750	17,679	17,216							
41	61	91 630	33 293,567	572 999,859	17,211	16,748							
42	62	90 979	32 250,638	539 706,292	16,735	16,272							
43	63	90 267	31 217,756	507 455,654	16,255	15,793							
44	64	89 499	30 197,192	476 237,898	15,771	15,309							
45	65	88 664	29 185,978	446 040,706	15,283	14,820							
46	66	87 777	28 189,168	416 854,728	14,788	14,325							
47	67	86 811	27 198,928	388 665,560	14,290	13,827							
48	68	85 770	26 217,308	361 466,632	13,787	13,325							
49	69	84 664	25 248,246	335 249,324	13,278	12,816							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	21	99 427	99 427,169	3 104 853,293	31,227	30,765	50	71	82 496	24 001,658	295 698,379	12,320	11,857
1	22	99 022	96 606,706	3 005 426,124	31,110	30,647	51	72	81 108	23 022,239	271 696,721	11,801	11,339
2	23	98 967	94 198,469	2 908 819,418	30,880	30,417	52	73	79 556	22 030,817	248 674,482	11,288	10,825
3	24	98 926	91 862,596	2 814 620,949	30,639	30,177	53	74	77 870	21 038,123	226 643,665	10,773	10,311
4	25	98 892	89 591,469	2 722 758,353	30,391	29,928	54	75	76 000	20 031,894	205 605,542	10,264	9,801
5	26	98 857	87 375,479	2 633 166,884	30,136	29,674	55	76	73 908	19 005,519	185 573,648	9,764	9,302
6	27	98 823	85 214,988	2 545 791,404	29,875	29,413	56	77	71 610	17 965,441	166 568,128	9,272	8,809
7	28	98 786	83 105,458	2 460 576,416	29,608	29,145	57	78	69 117	16 917,121	148 602,688	8,784	8,322
8	29	98 753	81 051,314	2 377 470,959	29,333	28,870	58	79	66 363	15 846,714	131 685,567	8,310	7,848
9	30	98 717	79 045,180	2 296 419,645	29,052	28,590	59	80	63 391	14 767,887	115 838,852	7,844	7,382
10	31	98 681	77 089,368	2 217 374,464	28,764	28,301	60	81	60 164	13 674,198	101 070,965	7,391	6,929
11	32	98 642	75 179,705	2 140 285,097	28,469	28,007	61	82	56 705	12 573,757	87 396,767	6,951	6,488
12	33	98 599	73 313,762	2 065 105,392	28,168	27,706	62	83	52 980	11 461,209	74 823,010	6,528	6,066
13	34	98 552	71 491,513	1 991 791,630	27,861	27,398	63	84	49 062	10 354,802	63 361,801	6,119	5,657
14	35	98 499	69 710,459	1 920 300,117	27,547	27,084	64	85	44 939	9 253,204	53 006,999	5,729	5,266
15	36	98 445	67 972,948	1 850 589,659	27,225	26,763	65	86	40 639	8 163,727	43 753,795	5,360	4,897
16	37	98 381	66 271,757	1 782 616,710	26,899	26,436	66	87	36 255	7 105,527	35 590,068	5,009	4,546
17	38	98 303	64 604,086	1 716 344,953	26,567	26,105	67	88	31 794	6 079,271	28 484,541	4,686	4,223
18	39	98 215	62 971,946	1 651 740,867	26,230	25,767	68	89	27 407	5 112,633	22 405,270	4,382	3,920
19	40	98 103	61 365,842	1 588 768,921	25,890	25,428	69	90	23 078	4 200,062	17 292,637	4,117	3,655
20	41	97 985	59 797,596	1 527 403,079	25,543	25,080	70	91	19 097	3 390,797	13 092,575	3,861	3,399
21	42	97 854	58 261,005	1 467 605,483	25,190	24,728	71	92	15 346	2 658,355	9 701,778	3,650	3,187
22	43	97 714	56 758,723	1 409 344,477	24,830	24,368	72	93	12 132	2 050,338	7 043,423	3,435	2,973
23	44	97 562	55 288,270	1 352 585,754	24,464	24,002	73	94	9 357	1 542,769	4 993,085	3,236	2,774
24	45	97 402	53 851,025	1 297 297,484	24,090	23,628	74	95	7 027	1 130,376	3 450,316	3,052	2,590
25	46	97 224	52 441,542	1 243 446,459	23,711	23,249	75	96	5 126	804,362	2 319,940	2,884	2,422
26	47	97 033	51 062,318	1 191 004,916	23,325	22,862	76	97	3 628	555,416	1 515,578	2,729	2,266
27	48	96 818	49 706,542	1 139 942,598	22,933	22,471	77	98	2 487	371,431	960,162	2,585	2,123
28	49	96 586	48 377,788	1 090 236,056	22,536	22,073	78	99	1 647	240,009	588,731	2,453	1,991
29	50	96 329	47 072,422	1 041 858,269	22,133	21,671	79	100	1 052	149,506	348,722	2,332	1,870
30	51	96 054	45 793,010	994 785,847	21,724	21,261							
31	52	95 758	44 538,276	948 992,838	21,307	20,845							
32	53	95 427	43 301,756	904 454,562	20,887	20,425							
33	54	95 070	42 087,641	861 152,806	20,461	19,999							
34	55	94 694	40 898,835	819 065,165	20,027	19,564							
35	56	94 284	39 728,388	778 166,331	19,587	19,125							
36	57	93 849	38 580,760	738 437,942	19,140	18,678							
37	58	93 392	37 456,314	699 857,182	18,685	18,222							
38	59	92 891	36 346,986	662 400,868	18,224	17,762							
39	60	92 351	35 254,235	626 053,883	17,758	17,296							
40	61	91 748	34 169,741	590 799,647	17,290	16,828							
41	62	91 104	33 102,238	556 629,907	16,815	16,353							
42	63	90 405	32 047,213	523 527,669	16,336	15,874							
43	64	89 659	31 007,415	491 480,456	15,850	15,388							
44	65	88 841	29 975,261	460 473,041	15,362	14,899							
45	66	87 972	28 958,039	430 497,781	14,866	14,404							
46	67	87 026	27 948,031	401 539,742	14,367	13,905							
47	68	86 018	26 950,539	373 591,711	13,862	13,400							
48	69	84 937	25 962,722	346 641,172	13,351	12,889							
49	70	83 765	24 980,072	320 678,450	12,837	12,375							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	22	99 406	99 406,360	3 085 090,532	31,035	30,573	50	72	81 434	23 692,584	281 096,539	11,864	11,402
1	23	99 000	96 585,034	2 985 684,173	30,912	30,450	51	73	79 934	22 688,929	257 403,955	11,345	10,882
2	24	98 945	94 176,937	2 889 099,138	30,677	30,215	52	74	78 262	21 672,570	234 715,025	10,830	10,368
3	25	98 906	91 844,028	2 794 922,202	30,431	29,969	53	75	76 421	20 646,655	213 042,456	10,318	9,856
4	26	98 870	89 571,761	2 703 078,174	30,178	29,715	54	76	74 369	19 602,051	192 395,800	9,815	9,353
5	27	98 834	87 354,800	2 613 506,413	29,918	29,456	55	77	72 098	18 540,021	172 793,749	9,320	8,858
6	28	98 797	85 192,095	2 526 151,613	29,652	29,190	56	78	69 625	17 467,372	154 253,729	8,831	8,369
7	29	98 761	83 084,443	2 440 959,517	29,379	28,917	57	79	66 901	16 374,618	136 786,356	8,354	7,891
8	30	98 725	81 028,059	2 357 875,075	29,099	28,637	58	80	63 953	15 271,385	120 411,738	7,885	7,422
9	31	98 689	79 022,808	2 276 847,016	28,813	28,350	59	81	60 743	14 151,098	105 140,354	7,430	6,967
10	32	98 651	77 066,085	2 197 824,208	28,519	28,056	60	82	57 300	13 023,438	90 989,256	6,987	6,524
11	33	98 607	75 153,056	2 120 758,123	28,219	27,757	61	83	53 578	11 880,386	77 965,817	6,563	6,100
12	34	98 563	73 286,956	2 045 605,068	27,912	27,450	62	84	49 657	10 742,459	66 085,432	6,152	5,689
13	35	98 510	71 461,145	1 972 318,112	27,600	27,137	63	85	45 514	9 605,987	55 342,973	5,761	5,299
14	36	98 460	69 682,731	1 900 856,967	27,279	26,816	64	86	41 220	8 487,459	45 736,986	5,389	4,926
15	37	98 398	67 940,647	1 831 174,236	26,953	26,490	65	87	36 810	7 394,519	37 249,527	5,037	4,575
16	38	98 328	66 236,389	1 763 233,589	26,620	26,158	66	88	32 329	6 336,058	29 855,009	4,712	4,250
17	39	98 248	64 568,120	1 696 997,200	26,282	25,820	67	89	27 906	5 335,854	23 518,950	4,408	3,945
18	40	98 150	62 930,287	1 632 429,081	25,940	25,478	68	90	23 529	4 389,109	18 183,096	4,143	3,680
19	41	98 033	61 322,504	1 569 498,793	25,594	25,132	69	91	19 506	3 549,911	13 793,988	3,886	3,423
20	42	97 907	59 749,669	1 508 176,290	25,242	24,779	70	92	15 704	2 788,298	10 244,076	3,674	3,212
21	43	97 767	58 209,148	1 448 426,621	24,883	24,421	71	93	12 442	2 155,325	7 455,778	3,459	2,997
22	44	97 614	56 700,606	1 390 217,473	24,519	24,056	72	94	9 618	1 625,400	5 300,454	3,261	2,799
23	45	97 453	55 226,172	1 333 516,867	24,146	23,684	73	95	7 244	1 194,284	3 675,053	3,077	2,615
24	46	97 278	53 782,676	1 278 290,694	23,768	23,305	74	96	5 305	853,373	2 480,769	2,907	2,445
25	47	97 087	52 367,647	1 224 508,019	23,383	22,920	75	97	3 769	591,444	1 627,396	2,752	2,289
26	48	96 875	50 978,825	1 172 140,372	22,993	22,530	76	98	2 595	397,249	1 035,953	2,608	2,145
27	49	96 647	49 618,639	1 121 161,546	22,596	22,133	77	99	1 728	258,073	638,703	2,475	2,012
28	50	96 387	48 278,243	1 071 542,907	22,195	21,733	78	100	1 110	161,790	380,630	2,353	1,890
29	51	96 117	46 968,721	1 023 264,664	21,786	21,324							
30	52	95 819	45 680,964	976 295,943	21,372	20,910							
31	53	95 495	44 416,002	930 614,980	20,952	20,490							
32	54	95 140	43 171,567	886 198,978	20,527	20,065							
33	55	94 766	41 953,330	843 027,411	20,094	19,632							
34	56	94 358	40 753,923	801 074,081	19,656	19,194							
35	57	93 928	39 578,525	760 320,158	19,210	18,748							
36	58	93 474	38 426,570	720 741,633	18,756	18,294							
37	59	92 980	37 291,045	682 315,063	18,297	17,835							
38	60	92 453	36 175,354	645 024,018	17,830	17,368							
39	61	91 853	35 064,238	608 848,664	17,364	16,901							
40	62	91 221	33 973,377	573 784,426	16,889	16,427							
41	63	90 529	32 893,441	539 811,049	16,411	15,948							
42	64	89 796	31 831,283	506 917,608	15,925	15,463							
43	65	89 000	30 779,529	475 086,325	15,435	14,973							
44	66	88 147	29 741,158	444 306,797	14,939	14,477							
45	67	87 219	28 710,324	414 565,639	14,440	13,977							
46	68	86 231	27 692,801	385 855,315	13,933	13,471							
47	69	85 183	26 688,832	358 162,514	13,420	12,958							
48	70	84 035	25 686,958	331 473,682	12,904	12,442							
49	71	82 793	24 690,185	305 786,723	12,385	11,923							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	23	99 384	99 384,060	3 064 627,412	30,836	30,374	50	73	80 255	23 349,569	266 226,954	11,402	10,939
1	24	98 977	96 562,957	2 965 243,352	30,708	30,245	51	74	78 634	22 319,980	242 877,385	10,882	10,419
2	25	98 925	94 157,900	2 868 680,395	30,467	30,004	52	75	76 806	21 269,296	220 557,404	10,370	9,907
3	26	98 884	91 823,824	2 774 522,495	30,216	29,753	53	76	74 781	20 203,621	199 288,108	9,864	9,402
4	27	98 847	89 550,562	2 682 698,671	29,957	29,495	54	77	72 547	19 121,942	179 084,487	9,365	8,903
5	28	98 807	87 331,333	2 593 148,109	29,693	29,231	55	78	70 099	18 026,023	159 962,546	8,874	8,412
6	29	98 772	85 170,552	2 505 816,776	29,421	28,959	56	79	67 392	16 907,224	141 936,523	8,395	7,933
7	30	98 733	83 060,604	2 420 646,224	29,143	28,681	57	80	64 472	15 780,123	125 029,299	7,923	7,461
8	31	98 697	81 005,125	2 337 585,620	28,857	28,395	58	81	61 282	14 633,566	109 249,176	7,466	7,003
9	32	98 659	78 998,941	2 256 580,494	28,565	28,102	59	82	57 852	13 477,642	94 615,610	7,020	6,558
10	33	98 616	77 038,767	2 177 581,554	28,266	27,804	60	83	54 141	12 305,270	81 137,968	6,594	6,131
11	34	98 571	75 125,577	2 100 542,787	27,960	27,498	61	84	50 218	11 135,348	68 832,698	6,181	5,719
12	35	98 521	73 255,826	2 025 417,210	27,649	27,186	62	85	46 066	9 965,610	57 697,350	5,790	5,327
13	36	98 471	71 432,721	1 952 161,384	27,329	26,866	63	86	41 748	8 811,047	47 731,740	5,417	4,955
14	37	98 413	69 649,617	1 880 728,663	27,003	26,540	64	87	37 336	7 687,748	38 920,693	5,063	4,600
15	38	98 346	67 904,388	1 811 079,047	26,671	26,209	65	88	32 823	6 593,754	31 232,945	4,737	4,274
16	39	98 274	66 199,514	1 743 174,659	26,332	25,870	66	89	28 376	5 561,240	24 639,191	4,431	3,968
17	40	98 183	64 525,405	1 676 975,145	25,989	25,527	67	90	23 957	4 580,740	19 077,951	4,165	3,702
18	41	98 080	62 885,844	1 612 449,740	25,641	25,178	68	91	19 887	3 709,694	14 497,211	3,908	3,446
19	42	97 955	61 273,354	1 549 563,896	25,289	24,827	69	92	16 040	2 919,140	10 787,517	3,695	3,233
20	43	97 820	59 696,487	1 488 290,542	24,931	24,469	70	93	12 732	2 260,680	7 868,377	3,481	3,018
21	44	97 667	58 149,546	1 428 594,055	24,568	24,105	71	94	9 864	1 708,628	5 607,697	3,282	2,820
22	45	97 505	56 636,922	1 370 444,510	24,197	23,735	72	95	7 445	1 258,251	3 899,069	3,099	2,636
23	46	97 329	55 156,078	1 313 807,587	23,820	23,357	73	96	5 468	901,620	2 640,818	2,929	2,467
24	47	97 141	53 706,890	1 258 651,510	23,436	22,973	74	97	3 901	627,481	1 739,199	2,772	2,309
25	48	96 928	52 282,019	1 204 944,620	23,047	22,585	75	98	2 696	423,017	1 111,718	2,628	2,166
26	49	96 703	50 888,673	1 152 662,600	22,651	22,188	76	99	1 803	276,012	688,700	2,495	2,033
27	50	96 448	49 516,541	1 101 773,927	22,251	21,788	77	100	1 165	173,966	412,688	2,372	1,910
28	51	96 175	48 171,886	1 052 257,386	21,844	21,381							
29	52	95 882	46 853,798	1 004 085,500	21,430	20,968							
30	53	95 556	45 555,552	957 231,701	21,012	20,550							
31	54	95 208	44 282,463	911 676,149	20,588	20,125							
32	55	94 836	43 033,797	867 393,686	20,156	19,694							
33	56	94 431	41 804,682	824 359,889	19,719	19,257							
34	57	94 003	40 600,191	782 555,207	19,275	18,812							
35	58	93 553	39 420,347	741 955,016	18,822	18,359							
36	59	93 062	38 257,020	702 534,669	18,364	17,901							
37	60	92 541	37 114,956	664 277,649	17,898	17,435							
38	61	91 954	35 980,392	627 162,693	17,431	16,968							
39	62	91 326	34 862,734	591 182,301	16,957	16,495							
40	63	90 645	33 759,085	556 319,567	16,479	16,017							
41	64	89 919	32 671,810	522 560,482	15,994	15,532							
42	65	89 136	31 597,342	489 888,672	15,504	15,042							
43	66	88 305	30 539,144	458 291,330	15,007	14,544							
44	67	87 393	29 486,744	427 752,186	14,507	14,044							
45	68	86 423	28 448,133	398 265,442	14,000	13,537							
46	69	85 394	27 423,886	369 817,309	13,485	13,023							
47	70	84 278	26 405,356	342 393,423	12,967	12,504							
48	71	83 059	25 388,868	315 988,066	12,446	11,984							
49	72	81 727	24 372,245	290 599,198	11,923	11,461							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	24	99 361	99 361,342	3 043 457,970	30,630	30,168	50	74	78 950	22 969,877	251 128,423	10,933	10,471
1	25	98 957	96 543,438	2 944 096,628	30,495	30,033	51	75	77 171	21 904,660	228 158,546	10,416	9,954
2	26	98 903	94 137,187	2 847 553,190	30,249	29,787	52	76	75 158	20 812,901	206 253,885	9,910	9,447
3	27	98 861	91 802,092	2 753 416,002	29,993	29,531	53	77	72 950	19 708,777	185 440,984	9,409	8,947
4	28	98 821	89 526,505	2 661 613,910	29,730	29,267	54	78	70 536	18 591,811	165 732,207	8,914	8,452
5	29	98 782	87 309,249	2 572 087,405	29,460	28,997	55	79	67 851	17 447,960	147 140,396	8,433	7,971
6	30	98 743	85 146,115	2 484 778,156	29,183	28,720	56	80	64 945	16 293,392	129 692,437	7,960	7,497
7	31	98 705	83 037,095	2 399 632,041	28,898	28,436	57	81	61 779	15 121,057	113 399,045	7,499	7,037
8	32	98 667	80 980,660	2 316 594,946	28,607	28,144	58	82	58 366	13 937,150	98 277,988	7,052	6,589
9	33	98 624	78 970,938	2 235 614,286	28,309	27,847	59	83	54 662	12 734,427	84 340,838	6,623	6,161
10	34	98 580	77 010,599	2 156 643,348	28,005	27,542	60	84	50 745	11 533,587	71 606,412	6,209	5,746
11	35	98 529	75 093,665	2 079 632,749	27,694	27,231	61	85	46 586	10 330,087	60 072,825	5,815	5,353
12	36	98 482	73 226,688	2 004 539,084	27,374	26,912	62	86	42 254	9 140,910	49 742,738	5,442	4,979
13	37	98 424	71 398,775	1 931 312,396	27,050	26,587	63	87	37 814	7 980,847	40 601,828	5,087	4,625
14	38	98 361	69 612,446	1 859 913,621	26,718	26,256	64	88	33 293	6 855,229	32 620,981	4,759	4,296
15	39	98 291	67 866,584	1 790 301,175	26,380	25,917	65	89	28 810	5 787,423	25 765,752	4,452	3,990
16	40	98 209	66 155,720	1 722 434,591	26,036	25,574	66	90	24 360	4 774,230	19 978,329	4,185	3,722
17	41	98 114	64 479,835	1 656 278,871	25,687	25,224	67	91	20 249	3 871,662	15 204,099	3,927	3,465
18	42	98 002	62 835,441	1 591 799,036	25,333	24,870	68	92	16 353	3 050,531	11 332,437	3,715	3,252
19	43	97 867	61 218,815	1 528 963,594	24,975	24,513	69	93	13 005	2 366,763	8 281,906	3,499	3,037
20	44	97 719	59 635,361	1 467 744,779	24,612	24,150	70	94	10 094	1 792,148	5 915,143	3,301	2,838
21	45	97 557	58 084,235	1 408 109,418	24,243	23,780	71	95	7 636	1 322,679	4 122,995	3,117	2,655
22	46	97 381	56 565,037	1 350 025,183	23,867	23,404	72	96	5 621	949,911	2 800,316	2,948	2,486
23	47	97 192	55 078,357	1 293 460,146	23,484	23,022	73	97	4 021	662,957	1 850,405	2,791	2,329
24	48	96 982	53 619,073	1 238 381,790	23,096	22,634	74	98	2 790	448,792	1 187,448	2,646	2,183
25	49	96 757	52 189,562	1 184 762,717	22,701	22,239	75	99	1 873	293,916	738,656	2,513	2,051
26	50	96 504	50 783,962	1 132 573,154	22,302	21,839	76	100	1 215	186,059	444,740	2,390	1,928
27	51	96 236	49 407,456	1 081 789,192	21,895	21,433							
28	52	95 940	48 054,020	1 032 381,736	21,484	21,021							
29	53	95 619	46 725,167	984 327,716	21,066	20,604							
30	54	95 269	45 418,588	937 602,549	20,644	20,181							
31	55	94 904	44 141,148	892 183,962	20,212	19,750							
32	56	94 500	42 881,321	848 042,814	19,777	19,314							
33	57	94 074	41 646,986	805 161,492	19,333	18,871							
34	58	93 627	40 437,930	763 514,506	18,881	18,419							
35	59	93 140	39 246,412	723 076,576	18,424	17,962							
36	60	92 622	38 076,369	683 830,164	17,959	17,497							
37	61	92 042	36 914,930	645 753,795	17,493	17,031							
38	62	91 426	35 773,624	608 838,865	17,019	16,557							
39	63	90 749	34 642,832	573 065,241	16,542	16,080							
40	64	90 035	33 531,621	538 422,409	16,057	15,595							
41	65	89 258	32 431,691	504 890,788	15,568	15,105							
42	66	88 440	31 350,570	472 459,097	15,070	14,608							
43	67	87 549	30 277,905	441 108,526	14,569	14,106							
44	68	86 595	29 217,462	410 830,622	14,061	13,599							
45	69	85 583	28 171,884	381 613,160	13,546	13,083							
46	70	84 487	27 132,603	353 441,276	13,026	12,564							
47	71	83 300	26 098,929	326 308,673	12,503	12,040							
48	72	81 990	25 061,931	300 209,743	11,979	11,516							
49	73	80 544	24 019,390	275 147,813	11,455	10,993							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	25	99 341	99 341,258	3 021 574,706	30,416	29,954	50	75	77 481	22 542,464	235 843,305	10,462	10,000
1	26	98 935	96 522,200	2 922 233,448	30,275	29,813	51	76	75 515	21 434,632	213 300,841	9,951	9,489
2	27	98 879	94 114,908	2 825 711,247	30,024	29,562	52	77	73 317	20 303,135	191 866,209	9,450	8,988
3	28	98 834	91 777,430	2 731 596,339	29,763	29,301	53	78	70 927	19 162,377	171 563,074	8,953	8,491
4	29	98 796	89 503,866	2 639 818,909	29,494	29,031	54	79	68 274	17 995,604	152 400,697	8,469	8,006
5	30	98 754	87 284,198	2 550 315,043	29,219	28,756	55	80	65 388	16 814,495	134 405,094	7,993	7,531
6	31	98 715	85 122,016	2 463 030,845	28,935	28,473	56	81	62 233	15 612,889	117 590,598	7,532	7,069
7	32	98 675	83 012,016	2 377 908,829	28,645	28,183	57	82	58 839	14 401,440	101 977,710	7,081	6,619
8	33	98 632	80 951,954	2 294 896,813	28,349	27,886	58	83	55 147	13 168,595	87 576,269	6,650	6,188
9	34	98 588	78 942,063	2 213 944,858	28,045	27,583	59	84	51 234	11 935,831	74 407,674	6,234	5,772
10	35	98 538	76 977,887	2 135 002,795	27,735	27,273	60	85	47 076	10 699,527	62 471,843	5,839	5,376
11	36	98 490	75 063,797	2 058 024,909	27,417	26,955	61	86	42 731	9 475,225	51 772,316	5,464	5,002
12	37	98 435	73 191,812	1 982 961,112	27,093	26,630	62	87	38 273	8 279,629	42 297,091	5,109	4,646
13	38	98 371	71 360,671	1 909 769,223	26,762	26,300	63	88	33 719	7 116,588	34 017,463	4,780	4,318
14	39	98 306	69 573,692	1 838 408,552	26,424	25,961	64	89	29 221	6 016,923	26 900,875	4,471	4,008
15	40	98 226	67 821,687	1 768 834,861	26,081	25,618	65	90	24 733	4 968,404	20 883,952	4,203	3,741
16	41	98 139	66 108,999	1 701 013,173	25,730	25,268	66	91	20 589	4 035,200	15 915,548	3,944	3,482
17	42	98 035	64 428,155	1 634 904,174	25,376	24,913	67	92	16 651	3 183,720	11 880,347	3,732	3,269
18	43	97 915	62 779,513	1 570 476,019	25,016	24,553	68	93	13 259	2 473,292	8 696,628	3,516	3,054
19	44	97 767	61 156,131	1 507 696,507	24,653	24,191	69	94	10 309	1 876,245	6 223,336	3,317	2,854
20	45	97 610	59 568,381	1 446 540,376	24,284	23,821	70	95	7 814	1 387,333	4 347,091	3,133	2,671
21	46	97 433	58 010,512	1 386 971,994	23,909	23,447	71	96	5 765	998,551	2 959,758	2,964	2,502
22	47	97 244	56 485,331	1 328 961,482	23,528	23,065	72	97	4 133	698,465	1 961,207	2,808	2,345
23	48	97 033	54 988,297	1 272 476,152	23,141	22,678	73	98	2 876	474,166	1 262,742	2,663	2,201
24	49	96 811	53 524,251	1 217 487,855	22,746	22,284	74	99	1 939	311,825	788,576	2,529	2,066
25	50	96 557	52 082,174	1 163 963,603	22,349	21,886	75	100	1 263	198,128	476,751	2,406	1,944
26	51	96 292	50 672,085	1 111 881,429	21,943	21,480							
27	52	96 000	49 286,567	1 061 209,344	21,531	21,069							
28	53	95 676	47 922,094	1 011 922,777	21,116	20,654							
29	54	95 331	46 584,686	964 000,684	20,694	20,231							
30	55	94 965	45 273,647	917 415,998	20,264	19,801							
31	56	94 568	43 984,748	872 142,351	19,828	19,366							
32	57	94 144	42 719,564	828 157,602	19,386	18,923							
33	58	93 698	41 480,541	785 438,038	18,935	18,473							
34	59	93 214	40 259,505	743 957,497	18,479	18,017							
35	60	92 700	39 061,089	703 697,992	18,015	17,553							
36	61	92 123	37 871,162	664 636,902	17,550	17,088							
37	62	91 513	36 702,791	626 765,740	17,077	16,614							
38	63	90 849	35 547,976	590 062,949	16,599	16,137							
39	64	90 138	34 409,414	554 514,973	16,115	15,653							
40	65	89 373	33 285,183	520 105,559	15,626	15,163							
41	66	88 561	32 178,404	486 820,376	15,129	14,666							
42	67	87 683	31 082,390	454 641,972	14,627	14,165							
43	68	86 750	30 001,397	423 559,582	14,118	13,656							
44	69	85 754	28 933,742	393 558,185	13,602	13,140							
45	70	84 674	27 872,655	364 624,443	13,082	12,619							
46	71	83 506	26 817,737	336 751,787	12,557	12,095							
47	72	82 227	25 762,849	309 934,050	12,030	11,568							
48	73	80 803	24 699,091	284 171,202	11,505	11,043							
49	74	79 234	23 628,806	259 472,111	10,981	10,519							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	49	93 528	27 211,236	515 444,261	18,942	18,480
1	0	99 613	97 183,628	3 275 254,627	33,702	33,239	51	50	92 962	26 386,929	488 233,025	18,503	18,040
2	1	99 267	94 483,452	3 178 070,999	33,636	33,174	52	51	92 318	25 565,109	461 846,096	18,065	17,603
3	2	99 222	92 137,252	3 083 587,547	33,467	33,005	53	52	91 632	24 755,990	436 280,987	17,623	17,161
4	3	99 193	89 864,115	2 991 450,295	33,289	32,826	54	53	90 876	23 952,931	411 524,997	17,181	16,718
5	4	99 169	87 650,871	2 901 586,179	33,104	32,641	55	54	90 041	23 154,169	387 572,066	16,739	16,276
6	5	99 146	85 493,616	2 813 935,309	32,914	32,452	56	55	89 147	22 364,991	364 417,896	16,294	15,832
7	6	99 126	83 391,163	2 728 441,693	32,719	32,256	57	56	88 183	21 583,710	342 052,905	15,848	15,385
8	7	99 109	81 343,444	2 645 050,530	32,517	32,055	58	57	87 144	20 809,075	320 469,196	15,400	14,938
9	8	99 092	79 346,037	2 563 707,085	32,310	31,848	59	58	86 032	20 042,577	299 660,121	14,951	14,489
10	9	99 077	77 398,988	2 484 361,048	32,098	31,636	60	59	84 835	19 281,678	279 617,543	14,502	14,039
11	10	99 062	75 499,251	2 406 962,060	31,881	31,418	61	60	83 557	18 528,003	260 335,865	14,051	13,589
12	11	99 046	73 646,258	2 331 462,810	31,658	31,195	62	61	82 179	17 777,948	241 807,862	13,602	13,139
13	12	99 027	71 836,267	2 257 816,552	31,430	30,968	63	62	80 727	17 037,928	224 029,914	13,149	12,686
14	13	99 008	70 070,749	2 185 980,285	31,197	30,734	64	63	79 204	16 308,682	206 991,986	12,692	12,230
15	14	98 984	68 345,323	2 115 909,536	30,959	30,497	65	64	77 561	15 580,936	190 683,304	12,238	11,776
16	15	98 956	66 659,268	2 047 564,213	30,717	30,254	66	65	75 832	14 861,968	175 102,368	11,782	11,319
17	16	98 918	65 008,365	1 980 904,945	30,472	30,009	67	66	73 995	14 148,278	160 240,400	11,326	10,863
18	17	98 869	63 391,552	1 915 896,580	30,223	29,761	68	67	72 050	13 440,431	146 092,122	10,870	10,407
19	18	98 806	61 805,720	1 852 505,027	29,973	29,511	69	68	70 025	12 744,073	132 651,691	10,409	9,946
20	19	98 735	60 255,031	1 790 699,307	29,719	29,256	70	69	67 893	12 054,651	119 907,618	9,947	9,485
21	20	98 661	58 741,641	1 730 444,276	29,459	28,996	71	70	65 643	11 370,795	107 852,966	9,485	9,023
22	21	98 586	57 265,233	1 671 702,635	29,192	28,730	72	71	63 263	10 691,393	96 482,171	9,024	8,562
23	22	98 513	55 827,146	1 614 437,402	28,919	28,456	73	72	60 756	10 017,192	85 790,778	8,564	8,102
24	23	98 440	54 424,823	1 558 610,255	28,638	28,175	74	73	58 089	9 343,888	75 773,586	8,109	7,647
25	24	98 362	53 055,547	1 504 185,433	28,351	27,889	75	74	55 209	8 664,036	66 429,698	7,667	7,205
26	25	98 288	51 722,614	1 451 129,886	28,056	27,594	76	75	52 153	7 984,873	57 765,662	7,234	6,772
27	26	98 209	50 420,674	1 399 407,271	27,755	27,292	77	76	48 910	7 305,710	49 780,790	6,814	6,352
28	27	98 124	49 148,131	1 348 986,598	27,447	26,985	78	77	45 482	6 627,928	42 475,080	6,409	5,946
29	28	98 039	47 907,709	1 299 838,467	27,132	26,670	79	78	41 885	5 954,922	35 847,152	6,020	5,557
30	29	97 949	46 696,681	1 251 930,758	26,810	26,347	80	79	38 156	5 292,415	29 892,230	5,648	5,186
31	30	97 859	45 515,523	1 205 234,077	26,480	26,017	81	80	34 379	4 652,178	24 599,815	5,288	4,825
32	31	97 761	44 361,135	1 159 718,554	26,143	25,680	82	81	30 543	4 032,300	19 947,638	4,947	4,485
33	32	97 660	43 234,279	1 115 357,419	25,798	25,336	83	82	26 753	3 445,764	15 915,338	4,619	4,156
34	33	97 551	42 132,648	1 072 123,140	25,446	24,984	84	83	23 055	2 897,128	12 469,574	4,304	3,842
35	34	97 438	41 057,401	1 029 990,492	25,087	24,624	85	84	19 488	2 389,084	9 572,446	4,007	3,544
36	35	97 314	40 005,353	988 933,092	24,720	24,258	86	85	16 114	1 927,363	7 183,361	3,727	3,265
37	36	97 190	38 979,723	948 927,738	24,344	23,882	87	86	12 994	1 516,203	5 255,999	3,467	3,004
38	37	97 052	37 974,859	909 948,015	23,962	23,499	88	87	10 178	1 158,636	3 739,796	3,228	2,765
39	38	96 893	36 988,169	871 973,156	23,574	23,112	89	88	7 730	858,475	2 581,160	3,007	2,544
40	39	96 728	36 024,526	834 984,987	23,178	22,716	90	89	5 649	612,156	1 722,685	2,814	2,352
41	40	96 540	35 077,571	798 960,461	22,777	22,315	91	90	3 996	422,473	1 110,529	2,629	2,166
42	41	96 340	34 151,017	763 882,891	22,368	21,905	92	91	2 703	278,756	688,056	2,468	2,006
43	42	96 115	33 240,445	729 731,874	21,953	21,491	93	92	1 742	175,251	409,300	2,336	1,873
44	43	95 859	32 343,060	696 491,429	21,534	21,072	94	93	1 081	106,094	234,050	2,206	1,744
45	44	95 570	31 459,185	664 148,369	21,111	20,649	95	94	640	61,250	127,956	2,089	1,627
46	45	95 251	30 589,510	632 689,184	20,683	20,221	96	95	360	33,633	66,706	1,983	1,521
47	46	94 895	29 731,822	602 099,674	20,251	19,789	97	96	192	17,519	33,074	1,888	1,425
48	47	94 488	28 882,167	572 367,852	19,817	19,355	98	97	97	8,634	15,554	1,802	1,339
49	48	94 031	28 041,424	543 485,685	19,382	18,919	99	98	46	4,015	6,920	1,723	1,261
							100	99	21	1,758	2,905	1,653	1,190

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	48	93 694	27 259,442	520 409,827	19,091	18,629
1							51	49	93 154	26 441,336	493 150,385	18,651	18,188
2	0	99 581	94 782,271	3 184 069,613	33,594	33,131	52	50	92 522	25 621,553	466 709,049	18,215	17,753
3	1	99 248	92 161,579	3 089 287,342	33,520	33,058	53	51	91 856	24 816,712	441 087,496	17,774	17,311
4	2	99 208	89 877,502	2 997 125,763	33,347	32,884	54	52	91 126	24 018,872	416 270,784	17,331	16,869
5	3	99 180	87 660,665	2 907 248,261	33,165	32,702	55	53	90 313	23 223,993	392 251,912	16,890	16,428
6	4	99 158	85 503,806	2 819 587,595	32,976	32,514	56	54	89 432	22 436,591	369 027,919	16,448	15,985
7	5	99 136	83 399,593	2 734 083,790	32,783	32,321	57	55	88 497	21 660,456	346 591,328	16,001	15,539
8	6	99 118	81 350,529	2 650 684,197	32,583	32,121	58	56	87 474	20 887,869	324 930,872	15,556	15,094
9	7	99 101	79 352,848	2 569 333,667	32,379	31,916	59	57	86 378	20 123,000	304 043,003	15,109	14,647
10	8	99 085	77 404,688	2 489 980,820	32,168	31,706	60	58	85 211	19 367,132	283 920,003	14,660	14,197
11	9	99 068	75 504,459	2 412 576,131	31,953	31,490	61	59	83 954	18 615,908	264 552,871	14,211	13,749
12	10	99 053	73 651,485	2 337 071,672	31,731	31,269	62	60	82 624	17 874,279	245 936,963	13,759	13,297
13	11	99 035	71 842,012	2 263 420,187	31,506	31,043	63	61	81 194	17 136,406	228 062,685	13,309	12,846
14	12	99 016	70 076,391	2 191 578,176	31,274	30,812	64	62	79 707	16 412,205	210 926,279	12,852	12,389
15	13	98 993	68 351,446	2 121 501,785	31,038	30,576	65	63	78 087	15 686,630	194 514,074	12,400	11,938
16	14	98 967	66 666,494	2 053 150,339	30,797	30,335	66	64	76 393	14 972,004	178 827,444	11,944	11,482
17	15	98 930	65 016,543	1 986 483,846	30,554	30,091	67	65	74 577	14 259,644	163 855,440	11,491	11,028
18	16	98 884	63 401,308	1 921 467,302	30,306	29,844	68	66	72 672	13 556,395	149 595,796	11,035	10,573
19	17	98 822	61 815,640	1 858 065,994	30,058	29,596	69	67	70 671	12 861,529	136 039,401	10,577	10,115
20	18	98 757	60 268,797	1 796 250,354	29,804	29,342	70	68	68 559	12 172,857	123 177,872	10,119	9,657
21	19	98 682	58 753,776	1 735 981,557	29,547	29,084	71	69	66 347	11 492,867	111 005,014	9,659	9,196
22	20	98 608	57 277,948	1 677 227,781	29,282	28,820	72	70	64 006	10 816,920	99 512,148	9,200	8,737
23	21	98 534	55 838,833	1 619 949,832	29,011	28,549	73	71	61 548	10 147,868	88 695,227	8,740	8,278
24	22	98 462	54 437,035	1 564 111,000	28,732	28,270	74	72	58 942	9 481,153	78 547,359	8,285	7,822
25	23	98 385	53 067,677	1 509 673,965	28,448	27,986	75	73	56 122	8 807,252	69 066,206	7,842	7,380
26	24	98 308	51 733,072	1 456 606,288	28,156	27,694	76	74	53 142	8 136,269	60 258,953	7,406	6,944
27	25	98 231	50 431,768	1 404 873,216	27,857	27,394	77	75	49 983	7 465,913	52 122,685	6,981	6,519
28	26	98 147	49 159,765	1 354 441,449	27,552	27,089	78	76	46 624	6 794,340	44 656,772	6,573	6,110
29	27	98 065	47 920,583	1 305 281,683	27,238	26,776	79	77	43 080	6 124,722	37 862,432	6,182	5,719
30	28	97 974	46 708,493	1 257 361,101	26,919	26,457	80	78	39 420	5 467,756	31 737,710	5,805	5,342
31	29	97 887	45 528,586	1 210 652,608	26,591	26,129	81	79	35 674	4 827,443	26 269,954	5,442	4,979
32	30	97 789	44 373,694	1 165 124,022	26,257	25,795	82	80	31 874	4 208,051	21 442,511	5,096	4,633
33	31	97 689	43 247,341	1 120 750,329	25,915	25,452	83	81	28 089	3 617,943	17 234,460	4,764	4,301
34	32	97 585	42 147,588	1 077 502,987	25,565	25,103	84	82	24 401	3 066,212	13 616,516	4,441	3,978
35	33	97 473	41 072,418	1 035 355,400	25,208	24,746	85	83	20 792	2 548,932	10 550,304	4,139	3,677
36	34	97 356	40 022,354	994 282,981	24,843	24,381	86	84	17 371	2 077,606	8 001,372	3,851	3,389
37	35	97 229	38 995,234	954 260,627	24,471	24,009	87	85	14 166	1 652,996	5 923,766	3,584	3,121
38	36	97 098	37 992,914	915 265,393	24,090	23,628	88	86	11 236	1 279,162	4 270,770	3,339	2,876
39	37	96 945	37 007,920	877 272,480	23,705	23,243	89	87	8 668	962,731	2 991,608	3,107	2,645
40	38	96 782	36 044,592	840 264,560	23,312	22,849	90	88	6 437	697,444	2 028,877	2,909	2,447
41	39	96 604	35 100,792	804 219,968	22,912	22,449	91	89	4 655	492,116	1 331,433	2,706	2,243
42	40	96 408	34 175,152	769 119,177	22,505	22,043	92	90	3 198	329,809	839,318	2,545	2,082
43	41	96 193	33 267,109	734 944,024	22,092	21,630	93	91	2 118	213,119	509,509	2,391	1,928
44	42	95 944	32 371,874	701 676,916	21,676	21,213	94	92	1 333	130,855	296,390	2,265	1,803
45	43	95 668	31 491,430	669 305,042	21,254	20,791	95	93	807	77,263	165,535	2,142	1,680
46	44	95 358	30 623,906	637 813,612	20,827	20,365	96	94	465	43,446	88,272	2,032	1,569
47	45	95 016	29 769,607	607 189,706	20,396	19,934	97	95	255	23,206	44,826	1,932	1,469
48	46	94 621	28 922,922	577 420,100	19,964	19,502	98	96	132	11,742	21,620	1,841	1,379
49	47	94 185	28 087,350	548 497,177	19,528	19,066	99	97	65	5,614	9,877	1,759	1,297
							100	98	30	2,530	4,263	1,685	1,223

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß 2,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	47	93 847	27 304,087	525 004,634	19,228	18,766
1							51	48	93 319	26 488,179	497 700,546	18,790	18,327
2							52	49	92 713	25 674,382	471 212,368	18,353	17,891
3	0	99 562	92 453,055	3 094 844,335	33,475	33,012	53	50	92 059	24 871,503	445 537,986	17,914	17,451
4	1	99 234	89 901,233	3 002 391,280	33,397	32,934	54	51	91 349	24 077,785	420 666,482	17,471	17,009
5	2	99 195	87 673,724	2 912 490,047	33,220	32,757	55	52	90 561	23 287,927	396 588,697	17,030	16,567
6	3	99 169	85 513,361	2 824 816,323	33,034	32,571	56	53	89 702	22 504,251	373 300,770	16,588	16,126
7	4	99 148	83 409,534	2 739 302,963	32,842	32,379	57	54	88 780	21 729,801	350 796,519	16,144	15,681
8	5	99 128	81 358,753	2 655 893,429	32,644	32,182	58	55	87 785	20 962,141	329 066,718	15,698	15,236
9	6	99 109	79 359,759	2 574 534,677	32,441	31,979	59	56	86 705	20 199,196	308 104,577	15,253	14,791
10	7	99 093	77 411,332	2 495 174,918	32,233	31,770	60	57	85 553	19 444,845	287 905,381	14,806	14,344
11	8	99 076	75 510,020	2 417 763,585	32,019	31,557	61	58	84 326	18 698,411	268 460,537	14,357	13,895
12	9	99 060	73 656,566	2 342 253,565	31,800	31,337	62	59	83 016	17 959,082	249 762,126	13,907	13,445
13	10	99 042	71 847,111	2 268 596,999	31,575	31,113	63	60	81 634	17 229,260	231 803,044	13,454	12,992
14	11	99 024	70 081,995	2 196 749,889	31,345	30,883	64	61	80 167	16 507,066	214 573,784	12,999	12,536
15	12	99 001	68 356,949	2 126 667,894	31,111	30,649	65	62	78 583	15 786,204	198 066,717	12,547	12,084
16	13	98 976	66 672,466	2 058 310,945	30,872	30,410	66	63	76 911	15 073,567	182 280,514	12,093	11,630
17	14	98 941	65 023,591	1 991 638,479	30,629	30,167	67	64	75 130	14 365,220	167 206,946	11,640	11,177
18	15	98 897	63 409,284	1 926 614,888	30,384	29,921	68	65	73 244	13 663,103	152 841,726	11,186	10,724
19	16	98 837	61 825,153	1 863 205,604	30,137	29,674	69	66	71 280	12 972,499	139 178,624	10,729	10,266
20	17	98 773	60 278,470	1 801 380,450	29,884	29,422	70	67	69 191	12 285,048	126 206,125	10,273	9,811
21	18	98 704	58 767,199	1 741 101,980	29,627	29,165	71	68	66 998	11 605,564	113 921,077	9,816	9,354
22	19	98 628	57 289,781	1 682 334,781	29,365	28,903	72	69	64 693	10 933,046	102 315,512	9,358	8,896
23	20	98 556	55 851,231	1 625 045,000	29,096	28,634	73	70	62 271	10 267,014	91 382,467	8,901	8,438
24	21	98 482	54 448,430	1 569 193,769	28,820	28,357	74	71	59 711	9 604,837	81 115,452	8,445	7,983
25	22	98 407	53 079,584	1 514 745,339	28,537	28,075	75	72	56 946	8 936,634	71 510,616	8,002	7,540
26	23	98 330	51 744,900	1 461 665,755	28,248	27,785	76	73	54 021	8 270,761	62 573,981	7,566	7,103
27	24	98 251	50 441,964	1 409 920,855	27,951	27,489	77	74	50 930	7 607,469	54 303,220	7,138	6,676
28	25	98 169	49 170,582	1 359 478,891	27,648	27,186	78	75	47 646	6 943,330	46 695,751	6,725	6,263
29	26	98 088	47 931,926	1 310 308,309	27,337	26,874	79	76	44 161	6 278,500	39 752,421	6,332	5,869
30	27	98 001	46 721,044	1 262 376,383	27,019	26,557	80	77	40 544	5 623,665	33 473,921	5,952	5,490
31	28	97 912	45 540,102	1 215 655,339	26,694	26,232	81	78	36 856	4 987,379	27 850,256	5,584	5,122
32	29	97 817	44 386,429	1 170 115,237	26,362	25,900	82	79	33 075	4 366,584	22 862,877	5,236	4,773
33	30	97 717	43 259,585	1 125 728,808	26,023	25,560	83	80	29 314	3 775,635	18 496,293	4,899	4,436
34	31	97 615	42 160,321	1 082 469,223	25,675	25,213	84	81	25 620	3 219,426	14 720,658	4,572	4,110
35	32	97 508	41 086,983	1 040 308,902	25,320	24,857	85	82	22 005	2 697,694	11 501,232	4,263	3,801
36	33	97 391	40 036,993	999 221,919	24,957	24,495	86	83	18 533	2 216,614	8 803,538	3,972	3,509
37	34	97 270	39 011,805	959 184,926	24,587	24,125	87	84	15 270	1 781,852	6 586,924	3,697	3,234
38	35	97 136	38 008,031	920 173,121	24,210	23,748	88	85	12 250	1 394,569	4 805,072	3,446	2,983
39	36	96 991	37 025,515	882 165,090	23,826	23,363	89	86	9 570	1 062,878	3 410,504	3,209	2,746
40	37	96 834	36 063,839	845 139,575	23,435	22,972	90	87	7 218	782,144	2 347,626	3,002	2,539
41	38	96 658	35 120,344	809 075,736	23,037	22,575	91	88	5 304	560,680	1 565,482	2,792	2,330
42	39	96 472	34 197,776	773 955,393	22,632	22,169	92	89	3 725	384,177	1 004,802	2,615	2,153
43	40	96 260	33 290,619	739 757,617	22,221	21,759	93	90	2 506	252,151	620,626	2,461	1,999
44	41	96 021	32 397,840	706 466,997	21,806	21,344	94	91	1 621	159,130	368,475	2,316	1,853
45	42	95 753	31 519,485	674 069,157	21,386	20,923	95	92	995	95,295	209,345	2,197	1,734
46	43	95 456	30 655,295	642 549,672	20,960	20,498	96	93	587	54,805	114,050	2,081	1,619
47	44	95 122	29 803,080	611 894,377	20,531	20,069	97	94	329	29,977	59,245	1,976	1,514
48	45	94 741	28 959,679	582 091,297	20,100	19,638	98	95	175	15,554	29,268	1,882	1,419
49	46	94 318	28 126,984	553 131,618	19,666	19,203	99	96	88	7,635	13,714	1,796	1,334
							100	97	42	3,537	6,079	1,719	1,256

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	46	93 980	27 342,616	529 246,309	19,356	18,894
1							51	47	93 472	26 531,561	501 903,693	18,917	18,455
2							52	48	92 877	25 719,866	475 372,132	18,483	18,020
3							53	49	92 249	24 922,786	449 652,266	18,042	17,579
4	0	99 548	90 185,560	3 007 532,238	33,348	32,886	54	50	91 551	24 130,946	424 729,480	17,601	17,139
5	1	99 221	87 696,872	2 917 346,678	33,266	32,804	55	51	90 784	23 345,048	400 598,534	17,160	16,697
6	2	99 184	85 526,099	2 829 649,806	33,085	32,623	56	52	89 949	22 566,203	377 253,487	16,718	16,255
7	3	99 159	83 418,854	2 744 123,707	32,896	32,433	57	53	89 048	21 795,329	354 687,283	16,274	15,811
8	4	99 140	81 368,450	2 660 704,853	32,699	32,237	58	54	88 066	21 029,250	332 891,954	15,830	15,368
9	5	99 119	79 367,781	2 579 336,403	32,499	32,036	59	55	87 013	20 271,019	311 862,704	15,385	14,922
10	6	99 102	77 418,075	2 499 968,622	32,292	31,829	60	56	85 877	19 518,472	291 591,685	14,939	14,477
11	7	99 084	75 516,502	2 422 550,547	32,080	31,617	61	57	84 664	18 773,440	272 073,212	14,492	14,030
12	8	99 067	73 661,991	2 347 034,045	31,862	31,400	62	58	83 384	18 038,674	253 299,772	14,042	13,580
13	9	99 049	71 852,067	2 273 372,055	31,640	31,177	63	59	82 021	17 311,003	235 261,098	13,590	13,128
14	10	99 031	70 086,969	2 201 519,987	31,411	30,949	64	60	80 602	16 596,511	217 950,095	13,132	12,670
15	11	99 009	68 362,416	2 131 433,019	31,178	30,716	65	61	79 037	15 877,447	201 353,584	12,682	12,219
16	12	98 984	66 677,834	2 063 070,603	30,941	30,478	66	62	77 400	15 169,250	185 476,137	12,227	11,765
17	13	98 950	65 029,416	1 996 392,769	30,700	30,237	67	63	75 639	14 462,667	170 306,888	11,776	11,313
18	14	98 908	63 416,158	1 931 363,353	30,455	29,993	68	64	73 786	13 764,262	155 844,220	11,322	10,860
19	15	98 849	61 832,931	1 867 947,195	30,210	29,747	69	65	71 842	13 074,610	142 079,959	10,867	10,404
20	16	98 788	60 287,747	1 806 114,264	29,958	29,496	70	66	69 788	12 391,044	129 005,348	10,411	9,949
21	17	98 720	58 776,631	1 745 826,518	29,703	29,240	71	67	67 615	11 712,526	116 614,304	9,956	9,494
22	18	98 651	57 302,869	1 687 049,886	29,441	28,979	72	68	65 328	11 040,254	104 901,778	9,502	9,039
23	19	98 576	55 862,769	1 629 747,017	29,174	28,712	73	69	62 940	10 377,236	93 861,524	9,045	8,583
24	20	98 504	54 460,520	1 573 884,248	28,900	28,437	74	70	60 412	9 717,607	83 484,288	8,591	8,129
25	21	98 427	53 090,696	1 519 423,728	28,619	28,157	75	71	57 689	9 053,214	73 766,681	8,148	7,686
26	22	98 353	51 756,510	1 466 333,032	28,331	27,869	76	72	54 814	8 392,262	64 713,466	7,711	7,249
27	23	98 273	50 453,497	1 414 576,522	28,037	27,575	77	73	51 772	7 733,220	56 321,204	7,283	6,821
28	24	98 189	49 180,523	1 364 123,025	27,737	27,275	78	74	48 550	7 074,978	48 587,984	6,868	6,405
29	25	98 110	47 942,473	1 314 942,502	27,428	26,965	79	75	45 130	6 416,178	41 513,006	6,470	6,008
30	26	98 024	46 732,104	1 267 000,030	27,112	26,650	80	76	41 562	5 764,863	35 096,829	6,088	5,626
31	27	97 938	45 552,339	1 220 267,925	26,788	26,326	81	77	37 907	5 129,590	29 331,966	5,718	5,256
32	28	97 842	44 397,656	1 174 715,586	26,459	25,997	82	78	34 171	4 511,252	24 202,375	5,365	4,902
33	29	97 745	43 272,001	1 130 317,930	26,121	25,659	83	79	30 418	3 917,877	19 691,123	5,026	4,564
34	30	97 642	42 172,257	1 087 045,930	25,776	25,314	84	80	26 737	3 359,748	15 773,246	4,695	4,232
35	31	97 537	41 099,396	1 044 873,672	25,423	24,961	85	81	23 105	2 832,494	12 413,498	4,383	3,920
36	32	97 426	40 051,190	1 003 774,277	25,062	24,600	86	82	19 614	2 345,981	9 581,005	4,084	3,622
37	33	97 306	39 026,075	963 723,087	24,694	24,232	87	83	16 292	1 901,071	7 235,023	3,806	3,343
38	34	97 178	38 024,183	924 697,012	24,319	23,856	88	84	13 205	1 503,279	5 333,953	3,548	3,086
39	35	97 030	37 040,248	886 672,829	23,938	23,476	89	85	10 433	1 158,772	3 830,673	3,306	2,843
40	36	96 880	36 080,985	849 632,582	23,548	23,086	90	86	7 969	863,506	2 671,901	3,094	2,632
41	37	96 709	35 139,097	813 551,597	23,152	22,690	91	87	5 948	628,770	1 808,396	2,876	2,414
42	38	96 525	34 216,825	778 412,500	22,749	22,287	92	88	4 244	437,702	1 179,626	2,695	2,233
43	39	96 324	33 312,657	744 195,675	22,340	21,877	93	89	2 919	293,717	741,924	2,526	2,064
44	40	96 089	32 420,737	710 883,018	21,927	21,464	94	90	1 918	188,274	448,207	2,381	1,918
45	41	95 830	31 544,768	678 462,281	21,508	21,045	95	91	1 210	115,886	259,933	2,243	1,781
46	42	95 541	30 682,605	646 917,513	21,084	20,622	96	92	723	67,596	144,047	2,131	1,669
47	43	95 220	29 833,628	616 234,908	20,656	20,193	97	93	415	37,814	76,451	2,022	1,559
48	44	94 848	28 992,242	586 401,280	20,226	19,764	98	94	226	20,093	38,637	1,923	1,461
49	45	94 437	28 162,729	557 409,038	19,792	19,330	99	95	117	10,114	18,544	1,834	1,371
							100	96	57	4,810	8,430	1,753	1,290

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	45	94 099	27 377,364	533 155,161	19,474	19,012
1							51	46	93 604	26 569,000	505 777,796	19,036	18,574
2							52	47	93 029	25 761,990	479 208,797	18,601	18,139
3							53	48	92 412	24 966,938	453 446,807	18,162	17,699
4							54	49	91 740	24 180,701	428 479,869	17,720	17,257
5	0	99 535	87 974,228	2 922 097,311	33,215	32,753	55	50	90 984	23 396,590	404 299,168	17,280	16,818
6	1	99 210	85 548,681	2 834 123,083	33,129	32,666	56	51	90 169	22 621,554	380 902,578	16,838	16,376
7	2	99 174	83 431,281	2 748 574,402	32,944	32,482	57	52	89 293	21 855,330	358 281,024	16,393	15,931
8	3	99 151	81 377,543	2 665 143,122	32,750	32,288	58	53	88 332	21 092,666	336 425,694	15,950	15,487
9	4	99 131	79 377,241	2 583 765,579	32,550	32,088	59	54	87 291	20 335,916	315 333,028	15,506	15,044
10	5	99 112	77 425,900	2 504 388,338	32,346	31,883	60	55	86 183	19 587,875	294 997,112	15,060	14,598
11	6	99 093	75 523,079	2 426 962,438	32,135	31,673	61	56	84 985	18 844,526	275 409,237	14,615	14,152
12	7	99 076	73 668,313	2 351 439,359	31,919	31,457	62	57	83 719	18 111,056	256 564,711	14,166	13,704
13	8	99 056	71 857,359	2 277 771,045	31,699	31,236	63	58	82 385	17 387,723	238 453,655	13,714	13,251
14	9	99 038	70 091,804	2 205 913,686	31,472	31,009	64	59	80 984	16 675,251	221 065,932	13,257	12,795
15	10	99 016	68 367,268	2 135 821,882	31,240	30,778	65	60	79 466	15 963,480	204 390,680	12,804	12,341
16	11	98 992	66 683,166	2 067 454,614	31,004	30,542	66	61	77 847	15 256,927	188 427,200	12,350	11,888
17	12	98 958	65 034,651	2 000 771,448	30,765	30,302	67	62	76 119	14 554,472	173 170,274	11,898	11,436
18	13	98 916	63 421,839	1 935 736,797	30,522	30,059	68	63	74 287	13 857,633	158 615,802	11,446	10,984
19	14	98 860	61 839,634	1 872 314,958	30,277	29,815	69	64	72 373	13 171,412	144 758,169	10,990	10,528
20	15	98 801	60 295,331	1 810 475,324	30,027	29,564	70	65	70 337	12 488,579	131 586,757	10,537	10,074
21	16	98 735	58 785,677	1 750 179,993	29,772	29,310	71	66	68 199	11 813,583	119 098,178	10,081	9,619
22	17	98 667	57 312,066	1 691 394,316	29,512	29,050	72	67	65 930	11 142,006	107 284,596	9,629	9,166
23	18	98 599	55 875,532	1 634 082,250	29,245	28,783	73	68	63 557	10 478,994	96 142,590	9,175	8,712
24	19	98 525	54 471,770	1 578 206,718	28,973	28,511	74	69	61 061	9 821,931	85 663,596	8,722	8,259
25	20	98 449	53 102,484	1 523 734,947	28,694	28,232	75	70	58 366	9 159,508	75 841,665	8,280	7,818
26	21	98 373	51 767,345	1 470 632,464	28,408	27,946	76	71	55 529	8 501,741	66 682,157	7,843	7,381
27	22	98 295	50 464,817	1 418 865,119	28,116	27,654	77	72	52 533	7 846,825	58 180,417	7,415	6,952
28	23	98 211	49 191,767	1 368 400,302	27,818	27,355	78	73	49 352	7 191,927	50 333,592	6,999	6,536
29	24	98 130	47 952,166	1 319 208,534	27,511	27,049	79	74	45 985	6 537,831	43 141,665	6,599	6,136
30	25	98 045	46 742,386	1 271 256,369	27,197	26,735	80	75	42 474	5 891,278	36 603,834	6,213	5,751
31	26	97 961	45 563,123	1 224 513,982	26,875	26,413	81	76	38 858	5 258,383	30 712,557	5,841	5,378
32	27	97 868	44 409,587	1 178 950,860	26,547	26,085	82	77	35 145	4 639,887	25 454,174	5,486	5,024
33	28	97 770	43 282,946	1 134 541,273	26,212	25,750	83	78	31 426	4 047,679	20 814,287	5,142	4,680
34	29	97 670	42 184,361	1 091 258,328	25,869	25,406	84	79	27 744	3 486,322	16 766,607	4,809	4,347
35	30	97 565	41 111,031	1 049 073,967	25,518	25,056	85	80	24 112	2 955,950	13 280,286	4,493	4,030
36	31	97 455	40 063,290	1 007 962,935	25,159	24,697	86	81	20 595	2 463,206	10 324,335	4,191	3,729
37	32	97 340	39 039,913	967 899,645	24,793	24,330	87	82	17 243	2 012,022	7 861,129	3,907	3,445
38	33	97 213	38 038,091	928 859,732	24,419	23,957	88	83	14 089	1 603,860	5 849,107	3,647	3,184
39	34	97 071	37 055,988	890 821,641	24,040	23,577	89	84	11 247	1 249,102	4 245,247	3,399	2,936
40	35	96 918	36 095,342	853 765,653	23,653	23,191	90	85	8 688	941,412	2 996,145	3,183	2,720
41	36	96 755	35 155,803	817 670,311	23,258	22,796	91	86	6 567	694,177	2 054,733	2,960	2,498
42	37	96 577	34 235,096	782 514,508	22,857	22,395	92	87	4 759	490,858	1 360,556	2,772	2,309
43	38	96 378	33 331,213	748 279,412	22,450	21,987	93	88	3 326	334,639	869,698	2,599	2,136
44	39	96 152	32 442,199	714 948,199	22,038	21,575	94	89	2 234	219,310	535,060	2,440	1,977
45	40	95 898	31 567,062	682 506,000	21,621	21,158	95	90	1 432	137,111	315,750	2,303	1,840
46	41	95 618	30 707,217	650 938,938	21,198	20,736	96	91	880	82,202	178,639	2,173	1,711
47	42	95 305	29 860,206	620 231,721	20,771	20,309	97	92	512	46,640	96,437	2,068	1,605
48	43	94 945	29 021,958	590 371,515	20,342	19,880	98	93	285	25,345	49,797	1,965	1,502
49	44	94 544	28 194,396	561 349,557	19,910	19,448	99	94	151	13,065	24,452	1,872	1,409
							100	95	75	6,371	11,387	1,787	1,325

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	44	94 205	27 408,148	536 751,316	19,584	19,121
1							51	45	93 723	26 602,765	509 343,168	19,146	18,684
2							52	46	93 161	25 798,342	482 740,403	18,712	18,250
3							53	47	92 564	25 007,829	456 942,061	18,272	17,810
4							54	48	91 902	24 223,539	431 934,232	17,831	17,369
5							55	49	91 172	23 444,832	407 710,693	17,390	16,928
6	0	99 524	85 819,242	2 838 508,965	33,075	32,613	56	50	90 368	22 671,499	384 265,862	16,949	16,487
7	1	99 200	83 453,309	2 752 689,723	32,985	32,522	57	51	89 512	21 908,937	361 594,363	16,504	16,042
8	2	99 165	81 389,665	2 669 236,414	32,796	32,333	58	52	88 575	21 150,733	339 685,426	16,060	15,598
9	3	99 142	79 386,111	2 587 846,749	32,598	32,136	59	53	87 555	20 397,241	318 534,693	15,617	15,154
10	4	99 124	77 435,129	2 508 460,638	32,394	31,932	60	54	86 458	19 650,585	298 137,452	15,172	14,710
11	5	99 103	75 530,713	2 431 025,509	32,186	31,724	61	55	85 287	18 911,532	278 486,868	14,726	14,263
12	6	99 084	73 674,730	2 355 494,796	31,972	31,509	62	56	84 036	18 179,633	259 575,335	14,278	13,816
13	7	99 065	71 863,527	2 281 820,066	31,752	31,290	63	57	82 715	17 457,493	241 395,702	13,828	13,365
14	8	99 045	70 096,966	2 209 956,539	31,527	31,065	64	58	81 343	16 749,154	223 938,209	13,370	12,908
15	9	99 023	68 371,984	2 139 859,573	31,297	30,835	65	59	79 843	16 039,217	207 189,055	12,918	12,455
16	10	98 999	66 687,899	2 071 487,588	31,062	30,600	66	60	78 269	15 339,597	191 149,837	12,461	11,999
17	11	98 966	65 039,852	2 004 799,690	30,824	30,362	67	61	76 559	14 638,595	175 810,240	12,010	11,548
18	12	98 924	63 426,945	1 939 759,837	30,583	30,120	68	62	74 758	13 945,596	161 171,645	11,557	11,095
19	13	98 869	61 845,174	1 876 332,892	30,339	29,877	69	63	72 864	13 260,761	147 226,048	11,102	10,640
20	14	98 812	60 301,867	1 814 487,718	30,090	29,628	70	64	70 858	12 581,042	133 965,287	10,648	10,186
21	15	98 748	58 793,073	1 754 185,851	29,837	29,374	71	65	68 736	11 906,572	121 384,245	10,195	9,732
22	16	98 682	57 320,887	1 695 392,779	29,577	29,115	72	66	66 499	11 238,140	109 477,673	9,742	9,279
23	17	98 614	55 884,500	1 638 071,892	29,312	28,849	73	67	64 143	10 575,573	98 239,533	9,289	8,827
24	18	98 547	54 484,215	1 582 187,393	29,039	28,577	74	68	61 660	9 918,243	87 663,960	8,839	8,376
25	19	98 469	53 113,454	1 527 703,177	28,763	28,301	75	69	58 993	9 257,840	77 745,717	8,398	7,935
26	20	98 395	51 778,839	1 474 589,724	28,479	28,016	76	70	56 181	8 601,559	68 487,877	7,962	7,500
27	21	98 316	50 475,381	1 422 810,885	28,188	27,726	77	71	53 218	7 949,188	59 886,318	7,534	7,071
28	22	98 233	49 202,805	1 372 335,503	27,891	27,429	78	72	50 077	7 297,579	51 937,130	7,117	6,655
29	23	98 152	47 963,129	1 323 132,698	27,586	27,124	79	73	46 745	6 645,901	44 639,550	6,717	6,254
30	24	98 065	46 751,837	1 275 169,569	27,275	26,813	80	74	43 279	6 002,978	37 993,649	6,329	5,867
31	25	97 983	45 573,148	1 228 417,732	26,955	26,492	81	75	39 711	5 373,691	31 990,671	5,953	5,491
32	26	97 891	44 420,099	1 182 844,585	26,629	26,166	82	76	36 027	4 756,384	26 616,980	5,596	5,134
33	27	97 796	43 294,577	1 138 424,485	26,295	25,832	83	77	32 322	4 163,096	21 860,595	5,251	4,789
34	28	97 695	42 195,031	1 095 129,909	25,954	25,492	84	78	28 663	3 601,826	17 697,500	4,913	4,451
35	29	97 593	41 122,830	1 052 934,878	25,605	25,142	85	79	25 020	3 067,312	14 095,674	4,595	4,133
36	30	97 483	40 074,632	1 011 812,048	25,248	24,786	86	80	21 492	2 570,567	11 028,362	4,290	3,828
37	31	97 370	39 051,708	971 737,415	24,883	24,421	87	81	18 104	2 112,560	8 457,794	4,004	3,541
38	32	97 248	38 051,579	932 685,708	24,511	24,049	88	82	14 911	1 697,466	6 345,235	3,738	3,276
39	33	97 106	37 069,542	894 634,128	24,134	23,672	89	83	11 999	1 332,676	4 647,769	3,488	3,025
40	34	96 959	36 110,681	857 564,586	23,748	23,286	90	84	9 365	1 014,798	3 315,093	3,267	2,804
41	35	96 794	35 169,792	821 453,905	23,357	22,894	91	85	7 159	756,807	2 300,296	3,039	2,577
42	36	96 623	34 251,372	786 284,113	22,956	22,494	92	86	5 254	541,919	1 543,489	2,848	2,386
43	37	96 429	33 349,011	752 032,741	22,550	22,088	93	87	3 730	375,278	1 001,570	2,669	2,206
44	38	96 206	32 460,270	718 683,729	22,140	21,678	94	88	2 545	249,865	626,292	2,507	2,044
45	39	95 961	31 587,959	686 223,459	21,724	21,262	95	89	1 668	159,713	376,427	2,357	1,894
46	40	95 685	30 728,918	654 635,501	21,304	20,841	96	90	1 041	97,257	216,714	2,228	1,766
47	41	95 381	29 884,158	623 906,582	20,878	20,415	97	91	622	56,718	119,457	2,106	1,644
48	42	95 030	29 047,814	594 022,424	20,450	19,987	98	92	352	31,261	62,739	2,007	1,545
49	43	94 641	28 223,295	564 974,611	20,018	19,556	99	93	190	16,480	31,479	1,910	1,448
							100	94	97	8,230	14,998	1,822	1,360

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	43	94 301	27 436,241	540 055,884	19,684	19,222
1							51	44	93 828	26 632,677	512 619,642	19,248	18,785
2							52	45	93 279	25 831,128	485 986,965	18,814	18,352
3							53	46	92 694	25 043,117	460 155,837	18,375	17,912
4							54	47	92 053	24 263,212	435 112,720	17,933	17,471
5							55	48	91 333	23 486,366	410 849,508	17,493	17,031
6							56	49	90 555	22 718,245	387 363,142	17,051	16,588
7	0	99 513	83 717,244	2 756 735,992	32,929	32,467	57	50	89 710	21 957,309	364 644,897	16,607	16,145
8	1	99 192	81 411,155	2 673 018,748	32,834	32,371	58	51	88 792	21 202,611	342 687,588	16,163	15,700
9	2	99 157	79 397,937	2 591 607,594	32,641	32,178	59	52	87 796	20 453,393	321 484,977	15,718	15,256
10	3	99 135	77 443,782	2 512 209,657	32,439	31,977	60	53	86 719	19 709,843	301 031,584	15,273	14,811
11	4	99 115	75 539,716	2 434 765,874	32,232	31,769	61	54	85 560	18 972,077	281 321,741	14,828	14,366
12	5	99 094	73 682,177	2 359 226,158	32,019	31,557	62	55	84 335	18 244,276	262 349,664	14,380	13,917
13	6	99 073	71 869,786	2 285 543,981	31,801	31,339	63	56	83 028	17 523,596	244 105,389	13,930	13,468
14	7	99 054	70 102,983	2 213 674,195	31,577	31,115	64	57	81 669	16 816,362	226 581,793	13,474	13,011
15	8	99 030	68 377,020	2 143 571,212	31,349	30,887	65	58	80 196	16 110,301	209 765,431	13,021	12,558
16	9	99 005	66 692,500	2 075 194,192	31,116	30,653	66	59	78 640	15 412,375	193 655,130	12,565	12,102
17	10	98 973	65 044,469	2 008 501,693	30,879	30,416	67	60	76 974	14 717,915	178 242,755	12,111	11,648
18	11	98 932	63 432,017	1 943 457,224	30,638	30,176	68	61	75 190	14 026,201	163 524,840	11,659	11,196
19	12	98 877	61 850,153	1 880 025,207	30,396	29,934	69	62	73 327	13 344,936	149 498,639	11,203	10,740
20	13	98 820	60 307,269	1 818 175,054	30,149	29,686	70	63	71 338	12 666,386	136 153,702	10,749	10,287
21	14	98 758	58 799,446	1 757 867,785	29,896	29,434	71	64	69 244	11 994,726	123 487,316	10,295	9,833
22	15	98 694	57 328,098	1 699 068,339	29,638	29,175	72	65	67 022	11 326,599	111 492,590	9,843	9,381
23	16	98 630	55 893,100	1 641 740,241	29,373	28,910	73	66	64 696	10 666,820	100 165,991	9,390	8,928
24	17	98 563	54 492,960	1 585 847,141	29,102	28,639	74	67	62 228	10 009,654	89 499,171	8,941	8,479
25	18	98 492	53 125,588	1 531 354,181	28,825	28,363	75	68	59 571	9 348,621	79 489,517	8,503	8,040
26	19	98 415	51 789,535	1 478 228,593	28,543	28,081	76	69	56 784	8 693,902	70 140,896	8,068	7,605
27	20	98 338	50 486,589	1 426 439,058	28,254	27,791	77	70	53 843	8 042,519	61 446,994	7,640	7,178
28	21	98 254	49 213,105	1 375 952,469	27,959	27,497	78	71	50 730	7 392,778	53 404,475	7,224	6,761
29	22	98 174	47 973,891	1 326 739,364	27,655	27,193	79	72	47 432	6 743,532	46 011,697	6,823	6,361
30	23	98 088	46 762,526	1 278 765,473	27,346	26,884	80	73	43 994	6 102,207	39 268,165	6,435	5,973
31	24	98 002	45 582,362	1 232 002,947	27,028	26,566	81	74	40 463	5 475,578	33 165,958	6,057	5,595
32	25	97 913	44 429,873	1 186 420,585	26,703	26,241	82	75	36 818	4 860,685	27 690,380	5,697	5,234
33	26	97 819	43 304,825	1 141 990,713	26,371	25,909	83	76	33 133	4 267,622	22 829,695	5,350	4,887
34	27	97 721	42 206,369	1 098 685,887	26,031	25,569	84	77	29 481	3 704,529	18 562,073	5,011	4,548
35	28	97 618	41 133,232	1 056 479,518	25,684	25,222	85	78	25 849	3 168,934	14 857,544	4,688	4,226
36	29	97 511	40 086,134	1 015 346,286	25,329	24,867	86	79	22 302	2 667,410	11 688,610	4,382	3,920
37	30	97 397	39 062,764	975 260,152	24,966	24,504	87	80	18 894	2 204,638	9 021,200	4,092	3,629
38	31	97 277	38 063,075	936 197,388	24,596	24,134	88	81	15 656	1 782,285	6 816,562	3,825	3,362
39	32	97 141	37 082,687	898 134,313	24,220	23,757	89	82	12 699	1 410,454	5 034,277	3,569	3,107
40	33	96 995	36 123,889	861 051,626	23,836	23,374	90	83	9 992	1 082,695	3 623,822	3,347	2,885
41	34	96 835	35 184,738	824 927,737	23,446	22,983	91	84	7 717	815,802	2 541,127	3,115	2,652
42	35	96 661	34 265,001	789 742,999	23,048	22,586	92	85	5 729	590,811	1 725,325	2,920	2,458
43	36	96 475	33 364,867	755 477,998	22,643	22,181	93	86	4 118	414,316	1 134,514	2,738	2,276
44	37	96 257	32 477,603	722 113,131	22,234	21,772	94	87	2 854	280,210	720,198	2,570	2,108
45	38	96 015	31 605,554	689 635,528	21,820	21,358	95	88	1 900	181,964	439,988	2,418	1,956
46	39	95 749	30 749,261	658 029,974	21,400	20,937	96	89	1 212	113,289	258,024	2,278	1,815
47	40	95 449	29 905,278	627 280,714	20,976	20,513	97	90	736	67,105	144,735	2,157	1,694
48	41	95 106	29 071,114	597 375,436	20,549	20,086	98	91	427	38,016	77,629	2,042	1,580
49	42	94 725	28 248,438	568 304,322	20,118	19,656	99	92	234	20,327	39,614	1,949	1,486
							100	93	123	10,382	19,287	1,858	1,395

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	42	94 385	27 460,683	543 088,427	19,777	19,315
1							51	43	93 924	26 659,976	515 627,744	19,341	18,878
2							52	44	93 384	25 860,173	488 967,768	18,908	18,446
3							53	45	92 812	25 074,943	463 107,595	18,469	18,007
4							54	46	92 183	24 297,450	438 032,652	18,028	17,566
5							55	47	91 483	23 524,832	413 735,202	17,587	17,125
6							56	48	90 715	22 758,492	390 210,371	17,146	16,683
7							57	49	89 895	22 002,583	367 451,879	16,700	16,238
8	0	99 505	81 668,630	2 676 749,855	32,776	32,313	58	50	88 988	21 249,423	345 449,296	16,257	15,794
9	1	99 183	79 418,901	2 595 081,225	32,676	32,213	59	51	88 011	20 503,561	324 199,873	15,812	15,349
10	2	99 149	77 455,319	2 515 662,324	32,479	32,016	60	52	86 958	19 764,103	303 696,312	15,366	14,904
11	3	99 126	75 548,157	2 438 207,005	32,274	31,811	61	53	85 818	19 029,289	283 932,209	14,921	14,458
12	4	99 106	73 690,959	2 362 658,848	32,062	31,599	62	54	84 605	18 302,684	264 902,920	14,473	14,011
13	5	99 083	71 877,051	2 288 967,889	31,846	31,383	63	55	83 324	17 585,906	246 600,236	14,023	13,560
14	6	99 062	70 109,089	2 217 090,838	31,623	31,161	64	56	81 979	16 880,037	229 014,331	13,567	13,105
15	7	99 039	68 382,889	2 146 981,749	31,396	30,934	65	57	80 518	16 174,945	212 134,294	13,115	12,653
16	8	99 013	66 697,411	2 078 598,860	31,165	30,702	66	58	78 989	15 480,680	195 959,349	12,658	12,196
17	9	98 980	65 048,956	2 011 901,448	30,929	30,467	67	59	77 339	14 787,744	180 478,669	12,205	11,742
18	10	98 939	63 436,520	1 946 852,492	30,690	30,227	68	60	75 598	14 102,203	165 690,925	11,749	11,287
19	11	98 885	61 855,099	1 883 415,973	30,449	29,986	69	61	73 751	13 422,069	151 588,722	11,294	10,832
20	12	98 828	60 312,124	1 821 560,874	30,202	29,740	70	62	71 791	12 746,788	138 166,653	10,839	10,377
21	13	98 767	58 804,713	1 761 248,749	29,951	29,488	71	63	69 714	12 076,093	125 419,865	10,386	9,923
22	14	98 705	57 334,312	1 702 444,036	29,693	29,231	72	64	67 518	11 410,459	113 343,772	9,933	9,471
23	15	98 642	55 900,132	1 645 109,724	29,429	28,967	73	65	65 205	10 750,782	101 933,312	9,481	9,019
24	16	98 578	54 501,346	1 589 209,592	29,159	28,697	74	66	62 765	10 096,018	91 182,530	9,032	8,569
25	17	98 508	53 134,115	1 534 708,246	28,884	28,421	75	67	60 120	9 434,782	81 086,512	8,594	8,132
26	18	98 438	51 801,368	1 481 574,131	28,601	28,139	76	68	57 341	8 779,153	71 651,729	8,162	7,699
27	19	98 358	50 497,018	1 429 772,764	28,314	27,852	77	69	54 421	8 128,860	62 872,577	7,734	7,272
28	20	98 276	49 224,032	1 379 275,745	28,020	27,558	78	70	51 326	7 479,576	54 743,717	7,319	6,857
29	21	98 195	47 983,934	1 330 051,713	27,719	27,256	79	71	48 051	6 831,503	47 264,141	6,919	6,456
30	22	98 110	46 773,018	1 282 067,780	27,410	26,948	80	72	44 641	6 191,851	40 432,638	6,530	6,068
31	23	98 025	45 592,783	1 235 294,761	27,094	26,632	81	73	41 132	5 566,090	34 240,787	6,152	5,689
32	24	97 932	44 438,856	1 189 701,978	26,772	26,309	82	74	37 516	4 952,845	28 674,697	5,790	5,327
33	25	97 841	43 314,354	1 145 263,122	26,441	25,978	83	75	33 860	4 361,204	23 721,852	5,439	4,977
34	26	97 744	42 216,361	1 101 948,769	26,102	25,640	84	76	30 221	3 797,542	19 360,648	5,098	4,636
35	27	97 644	41 144,285	1 059 732,408	25,756	25,294	85	77	26 586	3 259,294	15 563,107	4,775	4,313
36	28	97 536	40 096,273	1 018 588,123	25,404	24,941	86	78	23 041	2 755,783	12 303,813	4,465	4,002
37	29	97 425	39 073,975	978 491,850	25,042	24,580	87	79	19 605	2 287,695	9 548,029	4,174	3,711
38	30	97 305	38 073,852	939 417,875	24,674	24,211	88	80	16 338	1 859,968	7 260,335	3,903	3,441
39	31	97 170	37 093,890	901 344,023	24,299	23,837	89	81	13 334	1 480,932	5 400,367	3,647	3,184
40	32	97 029	36 136,699	864 250,133	23,916	23,454	90	82	10 575	1 145,884	3 919,434	3,420	2,958
41	33	96 871	35 197,607	828 113,435	23,528	23,065	91	83	8 233	870,385	2 773,550	3,187	2,724
42	34	96 702	34 279,562	792 915,827	23,131	22,668	92	84	6 175	636,867	1 903,165	2,988	2,526
43	35	96 514	33 378,143	758 636,265	22,729	22,266	93	85	4 489	451,696	1 266,299	2,803	2,341
44	36	96 303	32 493,044	725 258,122	22,320	21,858	94	86	3 151	309,358	814,603	2,633	2,171
45	37	96 066	31 622,430	692 765,078	21,907	21,445	95	87	2 131	204,063	505,244	2,476	2,014
46	38	95 802	30 766,389	661 142,648	21,489	21,027	96	88	1 381	129,073	301,182	2,333	1,871
47	39	95 512	29 925,075	630 376,259	21,065	20,603	97	89	858	78,167	172,108	2,202	1,739
48	40	95 173	29 091,659	600 451,184	20,640	20,178	98	90	506	44,978	93,941	2,089	1,626
49	41	94 801	28 271,098	571 359,525	20,210	19,748	99	91	285	24,719	48,963	1,981	1,518
							100	92	151	12,805	24,244	1,893	1,431

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	41	94 461	27 482,711	545 868,982	19,862	19,400
1							51	42	94 008	26 683,726	518 386,271	19,427	18,965
2							52	43	93 480	25 886,679	491 702,545	18,994	18,532
3							53	44	92 917	25 103,138	465 815,865	18,556	18,094
4							54	45	92 300	24 328,328	440 712,727	18,115	17,653
5							55	46	91 612	23 558,027	416 384,399	17,675	17,212
6							56	47	90 864	22 795,766	392 826,372	17,232	16,770
7							57	48	90 054	22 041,561	370 030,606	16,788	16,325
8							58	49	89 171	21 293,237	347 989,045	16,343	15,880
9	0	99 497	79 670,076	2 598 520,722	32,616	32,154	59	50	88 205	20 548,830	326 695,807	15,899	15,436
10	1	99 176	77 475,769	2 518 850,646	32,511	32,049	60	51	87 171	19 812,580	306 146,977	15,452	14,990
11	2	99 140	75 559,411	2 441 374,877	32,311	31,848	61	52	86 054	19 081,675	286 334,397	15,006	14,543
12	3	99 117	73 699,194	2 365 815,466	32,101	31,639	62	53	84 860	18 357,877	267 252,722	14,558	14,096
13	4	99 095	71 885,618	2 292 116,272	31,886	31,423	63	54	83 590	17 642,206	248 894,845	14,108	13,646
14	5	99 072	70 116,176	2 220 230,653	31,665	31,203	64	55	82 270	16 940,058	231 252,639	13,651	13,189
15	6	99 047	68 388,845	2 150 114,477	31,440	30,977	65	56	80 823	16 236,191	214 312,581	13,200	12,737
16	7	99 021	66 703,136	2 081 725,632	31,209	30,746	66	57	79 306	15 542,798	198 076,389	12,744	12,282
17	8	98 987	65 053,747	2 015 022,496	30,975	30,512	67	58	77 682	14 853,281	182 533,591	12,289	11,827
18	9	98 946	63 440,896	1 949 968,749	30,737	30,274	68	59	75 957	14 169,110	167 680,310	11,834	11,372
19	10	98 892	61 859,489	1 886 527,853	30,497	30,035	69	60	74 150	13 494,797	153 511,201	11,376	10,913
20	11	98 836	60 316,948	1 824 668,364	30,251	29,789	70	61	72 206	12 820,464	140 016,403	10,921	10,459
21	12	98 775	58 809,447	1 764 351,416	30,001	29,539	71	62	70 157	12 152,748	127 195,939	10,466	10,004
22	13	98 714	57 339,448	1 705 541,969	29,745	29,282	72	63	67 976	11 487,863	115 043,191	10,014	9,552
23	14	98 653	55 906,191	1 648 202,521	29,482	29,019	73	64	65 688	10 830,379	103 555,328	9,562	9,099
24	15	98 523	54 508,203	1 592 296,329	29,212	28,750	74	65	63 259	10 175,487	92 724,949	9,113	8,650
25	16	98 523	53 142,292	1 537 788,127	28,937	28,475	75	66	60 639	9 516,186	82 549,462	8,675	8,212
26	17	98 454	51 809,681	1 484 645,835	28,656	28,193	76	67	57 870	8 860,066	73 033,275	8,243	7,781
27	18	98 381	50 508,555	1 432 836,153	28,368	27,906	77	68	54 955	8 208,570	64 173,210	7,818	7,355
28	19	98 296	49 234,201	1 382 327,598	28,077	27,614	78	69	51 877	7 559,873	55 964,639	7,403	6,940
29	20	98 216	47 994,588	1 333 093,397	27,776	27,313	79	70	48 615	6 911,711	48 404,766	7,003	6,541
30	21	98 130	46 782,810	1 285 098,809	27,469	27,007	80	71	45 223	6 272,625	41 493,055	6,615	6,153
31	22	98 047	45 603,013	1 238 315,999	27,154	26,692	81	72	41 737	5 647,858	35 220,430	6,236	5,774
32	23	97 955	44 449,016	1 192 712,986	26,833	26,371	82	73	38 136	5 034,715	29 572,572	5,874	5,411
33	24	97 860	43 323,111	1 148 263,970	26,505	26,042	83	74	34 502	4 443,894	24 537,857	5,522	5,059
34	25	97 766	42 225,649	1 104 940,859	26,168	25,705	84	75	30 884	3 880,816	20 093,963	5,178	4,715
35	26	97 667	41 154,025	1 062 715,210	25,823	25,360	85	76	27 253	3 341,128	16 213,147	4,853	4,390
36	27	97 562	40 107,048	1 021 561,185	25,471	25,008	86	77	23 698	2 834,362	12 872,019	4,541	4,079
37	28	97 450	39 083,858	981 454,137	25,111	24,649	87	78	20 255	2 363,488	10 037,657	4,247	3,785
38	29	97 333	38 084,779	942 370,279	24,744	24,282	88	79	16 954	1 930,040	7 674,169	3,976	3,514
39	30	97 198	37 104,392	904 285,500	24,371	23,909	89	80	13 915	1 545,480	5 744,130	3,717	3,254
40	31	97 059	36 147,616	867 181,108	23,990	23,528	90	81	11 104	1 203,142	4 198,649	3,490	3,027
41	32	96 905	35 210,088	831 033,492	23,602	23,140	91	82	8 714	921,183	2 995,507	3,252	2,789
42	33	96 738	34 292,101	795 823,404	23,207	22,745	92	83	6 588	679,478	2 074,324	3,053	2,590
43	34	96 555	33 392,327	761 531,303	22,806	22,343	93	84	4 839	486,907	1 394,846	2,865	2,402
44	35	96 341	32 505,973	728 138,976	22,400	21,938	94	85	3 436	337,269	907,939	2,692	2,230
45	36	96 112	31 637,465	695 633,003	21,988	21,525	95	86	2 352	225,290	570,670	2,533	2,071
46	37	95 853	30 782,817	663 995,538	21,570	21,108	96	87	1 549	144,748	345,380	2,386	1,924
47	38	95 565	29 941,744	633 212,721	21,148	20,686	97	88	977	89,058	200,632	2,253	1,790
48	39	95 236	29 110,918	603 270,977	20,723	20,261	98	89	589	52,392	111,574	2,130	1,667
49	40	94 868	28 291,078	574 160,060	20,295	19,832	99	90	337	29,246	59,181	2,024	1,561
							100	91	184	15,572	29,935	1,922	1,460

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	40	94 528	27 502,133	548 416,390	19,941	19,478
1							51	41	94 083	26 705,130	520 914,256	19,506	19,044
2							52	42	93 563	25 909,741	494 209,126	19,074	18,612
3							53	43	93 012	25 128,868	468 299,385	18,636	18,173
4							54	44	92 404	24 355,683	443 170,516	18,196	17,733
5							55	45	91 728	23 587,966	418 814,833	17,755	17,293
6							56	46	90 992	22 827,933	395 226,867	17,313	16,851
7							57	47	90 201	22 077,661	372 398,934	16,868	16,405
8							58	48	89 329	21 330,960	350 321,273	16,423	15,961
9							59	49	88 387	20 591,199	328 990,313	15,977	15,515
10	0	99 489	77 720,799	2 522 020,993	32,450	31,987	60	50	87 364	19 856,324	308 399,114	15,532	15,069
11	1	99 167	75 579,361	2 444 300,195	32,341	31,878	61	51	86 265	19 128,479	288 542,790	15,084	14,622
12	2	99 132	73 710,173	2 368 720,833	32,136	31,673	62	52	85 093	18 408,415	269 414,312	14,635	14,173
13	3	99 106	71 893,651	2 295 010,661	31,922	31,460	63	53	83 842	17 695,408	251 005,896	14,185	13,722
14	4	99 084	70 124,533	2 223 117,009	31,702	31,240	64	54	82 534	16 994,291	233 310,488	13,729	13,266
15	5	99 057	68 395,758	2 152 992,476	31,478	31,016	65	55	81 110	16 293,924	216 316,198	13,276	12,813
16	6	99 030	66 708,946	2 084 596,718	31,249	30,787	66	56	79 606	15 601,651	200 022,274	12,821	12,358
17	7	98 995	65 059,331	2 017 887,772	31,016	30,554	67	57	77 994	14 912,881	184 420,623	12,367	11,904
18	8	98 953	63 445,568	1 952 828,441	30,780	30,317	68	58	76 293	14 231,905	169 507,742	11,910	11,448
19	9	98 899	61 863,757	1 889 382,873	30,541	30,079	69	59	74 502	13 558,822	155 275,837	11,452	10,990
20	10	98 843	60 321,229	1 827 519,116	30,296	29,834	70	60	72 597	12 889,932	141 717,015	10,994	10,532
21	11	98 783	58 814,151	1 767 197,887	30,047	29,585	71	61	70 562	12 222,990	128 827,082	10,540	10,077
22	12	98 722	57 344,065	1 708 383,737	29,792	29,329	72	62	68 408	11 560,784	116 604,092	10,086	9,624
23	13	98 661	55 911,200	1 651 039,672	29,530	29,067	73	63	66 134	10 903,848	105 043,308	9,634	9,171
24	14	98 601	54 514,111	1 595 128,473	29,261	28,798	74	64	63 727	10 250,835	94 139,460	9,184	8,721
25	15	98 535	53 148,978	1 540 614,361	28,987	28,524	75	65	61 116	9 591,092	83 888,635	8,747	8,284
26	16	98 469	51 817,655	1 487 465,384	28,706	28,243	76	66	58 369	8 936,511	74 297,544	8,314	7,852
27	17	98 396	50 516,662	1 435 647,729	28,419	27,957	77	67	55 461	8 284,224	65 361,033	7,890	7,427
28	18	98 318	49 245,449	1 385 131,067	28,127	27,665	78	68	52 386	7 634,004	57 076,809	7,477	7,014
29	19	98 237	48 004,503	1 335 885,618	27,828	27,366	79	69	49 137	6 985,912	49 442,804	7,078	6,615
30	20	98 152	46 793,197	1 287 881,115	27,523	27,060	80	70	45 754	6 346,272	42 456,892	6,690	6,228
31	21	98 067	45 612,560	1 241 087,918	27,209	26,747	81	71	42 281	5 721,535	36 110,620	6,311	5,849
32	22	97 977	44 458,989	1 195 475,358	26,889	26,427	82	72	38 696	5 108,677	30 389,085	5,949	5,486
33	23	97 883	43 333,016	1 151 016,369	26,562	26,100	83	73	35 072	4 517,352	25 280,408	5,596	5,134
34	24	97 786	42 234,186	1 107 683,353	26,227	25,765	84	74	31 469	3 954,398	20 763,056	5,251	4,788
35	25	97 688	41 163,080	1 065 449,167	25,884	25,421	85	75	27 851	3 414,393	16 808,659	4,923	4,460
36	26	97 585	40 116,542	1 024 286,087	25,533	25,070	86	76	24 293	2 905,527	13 394,265	4,610	4,148
37	27	97 476	39 094,361	984 169,545	25,174	24,712	87	77	20 832	2 430,881	10 488,738	4,315	3,852
38	28	97 357	38 094,412	945 075,184	24,809	24,346	88	78	17 515	1 993,983	8 057,858	4,041	3,579
39	29	97 226	37 115,041	906 980,772	24,437	23,975	89	79	14 439	1 603,704	6 063,875	3,781	3,319
40	30	97 086	36 157,850	869 865,731	24,057	23,595	90	80	11 588	1 255,582	4 460,170	3,552	3,090
41	31	96 934	35 220,726	833 707,881	23,671	23,209	91	81	9 149	967,213	3 204,588	3,313	2,851
42	32	96 772	34 304,261	798 487,155	23,277	22,814	92	82	6 973	719,134	2 237,375	3,111	2,649
43	33	96 590	33 404,541	764 182,895	22,877	22,414	93	83	5 163	519,485	1 518,241	2,923	2,460
44	34	96 382	32 519,787	730 778,354	22,472	22,009	94	84	3 704	363,560	998,756	2,747	2,285
45	35	96 150	31 650,054	698 258,567	22,062	21,599	95	85	2 565	245,616	635,196	2,586	2,124
46	36	95 899	30 797,452	666 608,513	21,645	21,183	96	86	1 710	159,806	389,580	2,438	1,975
47	37	95 616	29 957,732	635 811,060	21,224	20,761	97	87	1 096	99,874	229,775	2,301	1,838
48	38	95 289	29 127,133	605 853,329	20,800	20,338	98	88	671	59,692	129,901	2,176	1,714
49	39	94 931	28 309,806	576 726,196	20,372	19,910	99	89	393	34,067	70,209	2,061	1,598
							100	90	218	18,424	36,142	1,962	1,499

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	39	94 590	27 520,340	550 749,775	20,012	19,550
1							51	40	94 150	26 724,004	523 229,435	19,579	19,117
2							52	41	93 638	25 930,524	496 505,432	19,148	18,685
3							53	42	93 095	25 151,255	470 574,907	18,710	18,247
4							54	43	92 498	24 380,648	445 423,652	18,270	17,807
5							55	44	91 831	23 614,489	421 043,005	17,830	17,367
6							56	45	91 108	22 856,944	397 428,516	17,388	16,925
7							57	46	90 329	22 108,815	374 571,572	16,942	16,480
8							58	47	89 476	21 365,895	352 462,757	16,497	16,034
9							59	48	88 544	20 627,678	331 096,862	16,051	15,589
10							60	49	87 544	19 897,265	310 469,184	15,604	15,141
11	0	99 480	75 818,393	2 447 222,647	32,277	31,815	61	50	86 456	19 170,712	290 571,919	15,157	14,695
12	1	99 158	73 729,635	2 371 404,254	32,164	31,701	62	51	85 302	18 453,567	271 401,207	14,707	14,245
13	2	99 121	71 904,361	2 297 674,619	31,955	31,492	63	52	84 073	17 744,122	252 947,639	14,255	13,793
14	3	99 095	70 132,369	2 225 770,258	31,737	31,274	64	53	82 782	17 045,539	235 203,517	13,799	13,336
15	4	99 069	68 403,910	2 155 637,889	31,513	31,051	65	54	81 370	16 346,088	218 157,979	13,346	12,884
16	5	99 040	66 715,689	2 087 233,978	31,286	30,823	66	55	79 889	15 657,127	201 811,891	12,889	12,427
17	6	99 004	65 064,997	2 020 518,289	31,054	30,591	67	56	78 289	14 969,349	186 154,765	12,436	11,973
18	7	98 962	63 451,014	1 955 453,292	30,818	30,356	68	57	76 599	14 289,012	171 185,416	11,980	11,518
19	8	98 906	61 868,313	1 892 002,278	30,581	30,119	69	58	74 832	13 618,913	156 896,404	11,520	11,058
20	9	98 850	60 325,390	1 830 133,965	30,338	29,875	70	59	72 942	12 951,088	143 277,491	11,063	10,601
21	10	98 790	58 818,325	1 769 808,574	30,089	29,627	71	60	70 945	12 289,221	130 326,403	10,605	10,143
22	11	98 730	57 348,651	1 710 990,250	29,835	29,372	72	61	68 803	11 627,605	118 037,182	10,151	9,689
23	12	98 669	55 915,701	1 653 641,599	29,574	29,111	73	62	66 553	10 973,062	106 409,577	9,697	9,235
24	13	98 610	54 518,995	1 597 725,898	29,306	28,843	74	63	64 160	10 320,362	95 436,515	9,247	8,785
25	14	98 546	53 154,739	1 543 206,903	29,032	28,570	75	64	61 569	9 662,102	85 116,153	8,809	8,347
26	15	98 481	51 824,174	1 490 052,164	28,752	28,290	76	65	58 828	9 006,853	75 454,051	8,377	7,915
27	16	98 411	50 524,436	1 438 227,990	28,466	28,004	77	66	55 940	8 355,701	66 447,198	7,952	7,490
28	17	98 334	49 253,353	1 387 703,554	28,175	27,712	78	67	52 869	7 704,363	58 091,496	7,540	7,078
29	18	98 259	48 015,470	1 338 450,201	27,875	27,413	79	68	49 619	7 054,415	50 387,134	7,143	6,680
30	19	98 172	46 802,864	1 290 434,731	27,572	27,109	80	69	46 245	6 414,403	43 332,719	6,756	6,293
31	20	98 089	45 622,687	1 243 631,868	27,259	26,797	81	70	42 777	5 788,712	36 918,316	6,378	5,915
32	21	97 997	44 468,296	1 198 009,180	26,941	26,478	82	71	39 201	5 175,321	31 129,605	6,015	5,553
33	22	97 905	43 342,739	1 153 540,884	26,614	26,152	83	72	35 588	4 583,713	25 954,284	5,662	5,200
34	23	97 808	42 243,843	1 110 198,145	26,281	25,818	84	73	31 989	4 019,764	21 370,570	5,316	4,854
35	24	97 708	41 171,402	1 067 954,302	25,939	25,477	85	74	28 379	3 479,132	17 350,807	4,987	4,525
36	25	97 606	40 125,369	1 026 782,900	25,589	25,127	86	75	24 825	2 969,241	13 871,675	4,672	4,209
37	26	97 499	39 103,615	986 657,531	25,232	24,769	87	76	21 355	2 491,915	10 902,435	4,375	3,913
38	27	97 383	38 104,649	947 553,916	24,867	24,405	88	77	18 015	2 050,840	8 410,520	4,101	3,639
39	28	97 250	37 124,429	909 449,268	24,497	24,035	89	78	14 918	1 656,836	6 359,680	3,838	3,376
40	29	97 114	36 168,227	872 324,839	24,119	23,656	90	79	12 024	1 302,885	4 702,844	3,610	3,147
41	30	96 962	35 230,697	836 156,612	23,734	23,271	91	80	9 548	1 009,370	3 399,959	3,368	2,906
42	31	96 801	34 314,625	800 925,914	23,341	22,878	92	81	7 321	755,068	2 390,589	3,166	2,704
43	32	96 624	33 416,386	766 611,290	22,941	22,479	93	82	5 464	549,803	1 635,521	2,975	2,512
44	33	96 418	32 531,682	733 194,903	22,538	22,075	94	83	3 951	387,885	1 085,718	2,799	2,337
45	34	96 191	31 663,504	700 663,222	22,128	21,666	95	84	2 765	264,763	697,833	2,636	2,173
46	35	95 937	30 809,707	668 999,718	21,714	21,252	96	85	1 865	174,223	433,070	2,486	2,023
47	36	95 661	29 971,975	638 190,011	21,293	20,830	97	86	1 210	110,263	258,847	2,348	1,885
48	37	95 340	29 142,686	608 218,036	20,870	20,408	98	87	753	66,941	148,584	2,220	1,757
49	38	94 983	28 325,575	579 075,350	20,444	19,981	99	88	447	38,814	81,643	2,103	1,641
							100	89	254	21,461	42,829	1,996	1,533

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	38	94 643	27 535,669	552 885,343	20,079	19,616
1							51	39	94 212	26 741,695	525 349,674	19,645	19,183
2							52	40	93 704	25 948,850	498 607,979	19,215	18,753
3							53	41	93 169	25 171,430	472 659,129	18,778	18,315
4							54	42	92 581	24 402,368	447 487,699	18,338	17,875
5							55	43	91 926	23 638,693	423 085,331	17,898	17,436
6							56	44	91 210	22 882,644	399 446,638	17,456	16,994
7							57	45	90 443	22 136,912	376 563,994	17,011	16,548
8							58	46	89 602	21 396,045	354 427,082	16,565	16,103
9							59	47	88 689	20 661,462	333 031,037	16,118	15,656
10							60	48	87 699	19 932,515	312 369,575	15,671	15,209
11							61	49	86 634	19 210,240	292 437,060	15,223	14,761
12	0	99 472	73 962,816	2 374 098,755	32,099	31,636	62	50	85 490	18 494,310	273 226,821	14,774	14,311
13	1	99 147	71 923,346	2 300 135,939	31,980	31,518	63	51	84 280	17 787,645	254 732,510	14,321	13,858
14	2	99 110	70 142,817	2 228 212,593	31,767	31,304	64	52	83 010	17 092,464	236 944,866	13,863	13,400
15	3	99 080	68 411,554	2 158 069,776	31,545	31,083	65	53	81 616	16 395,381	219 852,402	13,409	12,947
16	4	99 052	66 723,641	2 089 658,222	31,318	30,856	66	54	80 145	15 707,252	203 457,021	12,953	12,491
17	5	99 014	65 071,574	2 022 934,581	31,088	30,625	67	55	78 568	15 022,576	187 749,769	12,498	12,035
18	6	98 971	63 456,541	1 957 863,006	30,854	30,391	68	56	76 889	14 343,117	172 727,193	12,043	11,580
19	7	98 914	61 873,624	1 894 406,466	30,617	30,155	69	57	75 133	13 673,561	158 384,076	11,583	11,121
20	8	98 857	60 329,833	1 832 532,842	30,375	29,913	70	58	73 265	13 008,485	144 710,515	11,124	10,662
21	9	98 797	58 822,383	1 772 203,009	30,128	29,666	71	59	71 281	12 347,526	131 702,030	10,666	10,204
22	10	98 737	57 352,721	1 713 380,626	29,874	29,412	72	60	69 176	11 690,610	119 354,504	10,209	9,747
23	11	98 677	55 920,173	1 656 027,905	29,614	29,152	73	61	66 938	11 036,485	107 663,894	9,755	9,293
24	12	98 618	54 523,384	1 600 107,733	29,347	28,885	74	62	64 567	10 385,873	96 627,409	9,304	8,841
25	13	98 555	53 159,501	1 545 584,349	29,074	28,612	75	63	61 987	9 727,646	86 241,536	8,866	8,403
26	14	98 492	51 829,791	1 492 424,848	28,795	28,332	76	64	59 264	9 073,538	76 513,890	8,433	7,970
27	15	98 424	50 530,792	1 440 595,057	28,509	28,047	77	65	56 380	8 421,472	67 440,352	8,008	7,546
28	16	98 349	49 260,933	1 390 064,264	28,218	27,756	78	66	53 325	7 770,837	59 018,880	7,595	7,133
29	17	98 275	48 023,176	1 340 803,331	27,920	27,458	79	67	50 076	7 119,432	51 248,044	7,198	6,736
30	18	98 195	46 813,557	1 292 780,155	27,616	27,153	80	68	46 699	6 477,301	44 128,612	6,813	6,350
31	19	98 109	45 632,112	1 245 966,598	27,305	26,842	81	69	43 237	5 850,856	37 651,311	6,435	5,973
32	20	98 019	44 478,170	1 200 334,486	26,987	26,525	82	70	39 661	5 236,084	31 800,454	6,073	5,611
33	21	97 925	43 351,812	1 155 856,316	26,662	26,200	83	71	36 052	4 643,509	26 564,370	5,721	5,258
34	22	97 830	42 253,321	1 112 504,504	26,329	25,867	84	72	32 459	4 078,816	21 920,861	5,374	4,912
35	23	97 731	41 180,815	1 070 251,183	25,989	25,527	85	73	28 848	3 536,642	17 842,045	5,045	4,582
36	24	97 626	40 133,481	1 029 070,368	25,641	25,179	86	74	25 296	3 025,538	14 305,404	4,728	4,266
37	25	97 520	39 112,219	988 936,886	25,285	24,822	87	75	21 824	2 546,559	11 279,866	4,429	3,967
38	26	97 406	38 113,669	949 824,667	24,921	24,458	88	76	18 467	2 102,332	8 733,307	4,154	3,692
39	27	97 276	37 134,405	911 710,998	24,552	24,089	89	77	15 343	1 704,080	6 630,975	3,891	3,429
40	28	97 139	36 177,376	874 576,594	24,175	23,712	90	78	12 423	1 346,050	4 926,895	3,660	3,198
41	29	96 989	35 240,809	838 399,218	23,791	23,328	91	79	9 908	1 047,397	3 580,845	3,419	2,956
42	30	96 829	34 324,340	803 158,410	23,399	22,937	92	80	7 640	787,978	2 533,448	3,215	2,753
43	31	96 653	33 426,482	768 834,070	23,001	22,538	93	81	5 737	577,276	1 745,470	3,024	2,561
44	32	96 452	32 543,217	735 407,588	22,598	22,135	94	82	4 182	410,523	1 168,194	2,846	2,383
45	33	96 226	31 675,085	702 864,371	22,190	21,727	95	83	2 950	282,477	757,671	2,682	2,220
46	34	95 978	30 822,800	671 189,286	21,776	21,313	96	84	2 010	187,805	475,194	2,530	2,068
47	35	95 700	29 983,901	640 366,486	21,357	20,895	97	85	1 319	120,211	287,390	2,391	1,928
48	36	95 385	29 156,542	610 382,585	20,935	20,472	98	86	831	73,905	167,179	2,262	1,800
49	37	95 034	28 340,700	581 226,043	20,509	20,046	99	87	502	43,527	93,274	2,143	1,680
							100	88	289	24,451	49,747	2,035	1,572

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß 2,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	37	94 694	27 550,372	554 840,306	20,139	19,677
1							51	38	94 264	26 756,590	527 289,934	19,707	19,244
2							52	39	93 766	25 966,028	500 533,343	19,276	18,814
3							53	40	93 235	25 189,219	474 567,315	18,840	18,378
4							54	41	92 655	24 421,942	449 378,096	18,401	17,938
5							55	42	92 007	23 659,753	424 956,154	17,961	17,499
6							56	43	91 304	22 906,099	401 296,402	17,519	17,057
7							57	44	90 545	22 161,803	378 390,303	17,074	16,612
8							58	45	89 716	21 423,236	356 228,500	16,628	16,166
9							59	46	88 814	20 690,617	334 805,264	16,182	15,719
10							60	47	87 843	19 965,160	314 114,647	15,733	15,271
11							61	48	86 788	19 244,272	294 149,487	15,285	14,823
12							62	49	85 667	18 532,444	274 905,215	14,834	14,371
13	0	99 461	72 150,815	2 302 621,087	31,914	31,452	63	50	84 466	17 826,917	256 372,771	14,381	13,919
14	1	99 136	70 161,337	2 230 470,272	31,791	31,328	64	51	83 214	17 134,388	238 545,854	13,922	13,460
15	2	99 095	68 421,745	2 160 308,935	31,573	31,111	65	52	81 840	16 440,516	221 411,466	13,467	13,005
16	3	99 063	66 731,098	2 091 887,190	31,348	30,886	66	53	80 386	15 754,619	204 970,950	13,010	12,548
17	4	99 026	65 079,330	2 025 156,092	31,118	30,656	67	54	78 819	15 070,670	189 216,331	12,555	12,093
18	5	98 981	63 462,955	1 960 076,762	30,885	30,423	68	55	77 163	14 394,118	174 145,661	12,098	11,636
19	6	98 923	61 879,013	1 896 613,807	30,650	30,188	69	56	75 417	13 725,335	159 751,543	11,639	11,177
20	7	98 866	60 335,012	1 834 734,794	30,409	29,947	70	57	73 559	13 060,683	146 026,207	11,181	10,718
21	8	98 804	58 826,715	1 774 399,783	30,163	29,701	71	58	71 597	12 402,249	132 965,524	10,721	10,259
22	9	98 744	57 356,678	1 715 573,068	29,911	29,448	72	59	69 504	11 746,075	120 563,276	10,264	9,802
23	10	98 684	55 924,141	1 658 216,390	29,651	29,189	73	60	67 301	11 096,287	108 817,201	9,807	9,344
24	11	98 626	54 527,745	1 602 292,249	29,385	28,922	74	61	64 940	10 445,902	97 720,914	9,355	8,893
25	12	98 563	53 163,780	1 547 764,504	29,113	28,651	75	62	62 380	9 789,394	87 275,011	8,915	8,453
26	13	98 501	51 834,435	1 494 600,724	28,834	28,372	76	63	59 666	9 135,089	77 485,618	8,482	8,020
27	14	98 435	50 536,270	1 442 766,289	28,549	28,087	77	64	56 798	8 483,823	68 350,528	8,057	7,594
28	15	98 362	49 267,130	1 392 230,019	28,259	27,796	78	65	53 745	7 832,004	59 866,705	7,644	7,181
29	16	98 290	48 030,567	1 342 962,889	27,961	27,498	79	66	50 508	7 180,859	52 034,702	7,246	6,784
30	17	98 210	46 821,070	1 294 932,322	27,657	27,195	80	67	47 129	6 536,999	44 853,843	6,862	6,399
31	18	98 132	45 642,537	1 248 111,252	27,345	26,883	81	68	43 661	5 908,229	38 316,844	6,485	6,023
32	19	98 039	44 487,358	1 202 468,714	27,029	26,567	82	69	40 087	5 292,296	32 408,615	6,124	5,661
33	20	97 947	43 361,438	1 157 981,356	26,705	26,243	83	70	36 475	4 698,028	27 116,319	5,772	5,309
34	21	97 851	42 262,166	1 114 619,918	26,374	25,912	84	71	32 883	4 132,025	22 418,291	5,425	4,963
35	22	97 752	41 190,055	1 072 357,752	26,034	25,572	85	72	29 272	3 588,596	18 286,266	5,096	4,633
36	23	97 648	40 142,657	1 031 167,696	25,688	25,225	86	73	25 714	3 075,550	14 697,670	4,779	4,316
37	24	97 540	39 120,127	991 025,039	25,333	24,870	87	74	22 238	2 594,842	11 622,119	4,479	4,017
38	25	97 428	38 122,055	951 904,913	24,970	24,508	88	75	18 872	2 148,433	9 027,277	4,202	3,739
39	26	97 299	37 143,195	913 782,858	24,602	24,139	89	76	15 728	1 746,865	6 878,844	3,938	3,475
40	27	97 165	36 187,097	876 639,662	24,225	23,763	90	77	12 777	1 384,432	5 131,979	3,707	3,245
41	28	97 014	35 249,722	840 452,565	23,843	23,380	91	78	10 236	1 082,098	3 747,547	3,463	3,001
42	29	96 857	34 334,191	805 202,843	23,452	22,990	92	79	7 928	817,664	2 665,449	3,260	2,797
43	30	96 681	33 435,945	770 868,652	23,055	22,593	93	80	5 987	602,437	1 847,785	3,067	2,605
44	31	96 481	32 553,049	737 432,707	22,653	22,191	94	81	4 391	431,036	1 245,348	2,889	2,427
45	32	96 260	31 686,317	704 879,658	22,246	21,783	95	82	3 122	298,963	814,312	2,724	2,261
46	33	96 013	30 834,074	673 193,341	21,833	21,370	96	83	2 144	200,370	515,349	2,572	2,110
47	34	95 740	29 996,643	642 359,267	21,414	20,952	97	84	1 422	129,582	314,978	2,431	1,968
48	35	95 423	29 168,143	612 362,624	20,994	20,532	98	85	906	80,572	185,397	2,301	1,839
49	36	95 079	28 354,174	583 194,480	20,568	20,106	99	86	554	48,055	104,824	2,181	1,719
							100	87	324	27,420	56,769	2,070	1,608

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	36	94 739	27 563,471	556 629,561	20,194	19,732
1							51	37	94 315	26 770,878	529 066,091	19,763	19,300
2							52	38	93 818	25 980,492	502 295,213	19,334	18,871
3							53	39	93 297	25 205,894	476 314,721	18,897	18,435
4							54	40	92 720	24 439,201	451 108,827	18,458	17,996
5							55	41	92 081	23 678,731	426 669,626	18,019	17,557
6							56	42	91 385	22 926,505	402 990,895	17,578	17,115
7							57	43	90 638	22 184,518	380 064,389	17,132	16,670
8							58	44	89 817	21 447,325	357 879,871	16,686	16,224
9							59	45	88 927	20 716,912	336 432,546	16,240	15,777
10							60	46	87 966	19 993,333	315 715,634	15,791	15,329
11							61	47	86 930	19 275,790	295 722,302	15,342	14,879
12							62	48	85 819	18 565,275	276 446,512	14,891	14,428
13							63	49	84 640	17 863,675	257 881,237	14,436	13,974
14	0	99 450	70 383,233	2 232 763,295	31,723	31,261	64	50	83 398	17 172,219	240 017,562	13,977	13,515
15	1	99 121	68 439,811	2 162 380,062	31,595	31,133	65	51	82 041	16 480,841	222 845,344	13,521	13,059
16	2	99 077	66 741,038	2 093 940,251	31,374	30,912	66	52	80 608	15 797,990	206 364,502	13,063	12,600
17	3	99 037	65 086,603	2 027 199,213	31,146	30,684	67	53	79 057	15 116,117	190 566,512	12,607	12,144
18	4	98 992	63 470,519	1 962 112,611	30,914	30,451	68	54	77 410	14 440,200	175 450,395	12,150	11,688
19	5	98 933	61 885,268	1 898 642,091	30,680	30,218	69	55	75 685	13 774,139	161 010,195	11,689	11,227
20	6	98 875	60 340,267	1 836 756,824	30,440	29,978	70	56	73 838	13 110,137	147 236,055	11,231	10,768
21	7	98 813	58 831,764	1 776 416,557	30,195	29,732	71	57	71 884	12 452,014	134 125,918	10,771	10,309
22	8	98 751	57 360,902	1 717 584,793	29,943	29,481	72	58	69 812	11 798,132	121 673,904	10,313	9,851
23	9	98 691	55 928,000	1 660 223,891	29,685	29,223	73	59	67 620	11 148,933	109 875,772	9,855	9,393
24	10	98 633	54 531,615	1 604 295,891	29,420	28,957	74	60	65 292	10 502,504	98 726,840	9,400	8,938
25	11	98 571	53 168,032	1 549 764,276	29,148	28,686	75	61	62 741	9 845,976	88 224,336	8,960	8,498
26	12	98 509	51 838,608	1 496 596,244	28,870	28,408	76	62	60 045	9 193,076	78 378,360	8,526	8,063
27	13	98 443	50 540,797	1 444 757,637	28,586	28,124	77	63	57 183	8 541,373	69 185,284	8,100	7,638
28	14	98 372	49 272,471	1 394 216,840	28,296	27,834	78	64	54 142	7 889,990	60 643,911	7,686	7,224
29	15	98 302	48 036,610	1 344 944,369	27,998	27,536	79	65	50 906	7 237,382	52 753,920	7,289	6,827
30	16	98 225	46 828,276	1 296 907,759	27,695	27,233	80	66	47 536	6 593,401	45 516,539	6,903	6,441
31	17	98 148	45 649,863	1 250 079,484	27,384	26,922	81	67	44 063	5 962,682	38 923,138	6,528	6,065
32	18	98 062	44 497,522	1 204 429,621	27,067	26,605	82	68	40 480	5 344,192	32 960,456	6,168	5,705
33	19	97 967	43 370,396	1 159 932,099	26,745	26,282	83	69	36 867	4 748,464	27 616,264	5,816	5,353
34	20	97 872	42 271,550	1 116 561,703	26,414	25,952	84	70	33 269	4 180,539	22 867,800	5,470	5,008
35	21	97 773	41 198,678	1 074 290,153	26,076	25,613	85	71	29 654	3 635,410	18 687,261	5,140	4,678
36	22	97 670	40 151,664	1 033 091,475	25,730	25,267	86	72	26 092	3 120,732	15 051,851	4,823	4,361
37	23	97 562	39 129,071	992 939,810	25,376	24,914	87	73	22 605	2 637,735	11 931,120	4,523	4,061
38	24	97 448	38 129,762	953 810,740	25,015	24,552	88	74	19 230	2 189,168	9 293,385	4,245	3,783
39	25	97 321	37 151,368	915 680,977	24,647	24,185	89	75	16 073	1 785,171	7 104,217	3,980	3,517
40	26	97 188	36 195,663	878 529,609	24,272	23,809	90	76	13 098	1 419,192	5 319,045	3,748	3,286
41	27	97 040	35 259,195	842 333,946	23,890	23,427	91	77	10 528	1 112,953	3 899,854	3,504	3,042
42	28	96 881	34 342,875	807 074,751	23,501	23,038	92	78	8 191	844,754	2 786,901	3,299	2,837
43	29	96 708	33 445,541	772 731,876	23,104	22,642	93	79	6 213	625,133	1 942,147	3,107	2,644
44	30	96 508	32 562,265	739 286,335	22,704	22,241	94	80	4 582	449,823	1 317,013	2,928	2,465
45	31	96 289	31 695,890	706 724,069	22,297	21,835	95	81	3 278	313,902	867,190	2,763	2,300
46	32	96 047	30 845,008	675 028,179	21,885	21,422	96	82	2 270	212,064	553,288	2,609	2,147
47	33	95 775	30 007,615	644 183,172	21,467	21,005	97	83	1 517	138,252	341,224	2,468	2,006
48	34	95 464	29 180,539	614 175,557	21,047	20,585	98	84	977	86,853	202,972	2,337	1,875
49	35	95 117	28 365,457	584 995,018	20,624	20,161	99	85	604	52,391	116,119	2,216	1,754
							100	86	358	30,273	63,728	2,105	1,643

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	35	94 776	27 574,439	558 266,199	20,246	19,783
1							51	36	94 360	26 783,605	530 691,760	19,814	19,352
2							52	37	93 869	25 994,365	503 908,155	19,385	18,923
3							53	38	93 349	25 219,935	477 913,790	18,950	18,487
4							54	39	92 782	24 455,380	452 693,855	18,511	18,049
5							55	40	92 146	23 695,465	428 238,476	18,073	17,610
6							56	41	91 458	22 944,896	404 543,010	17,631	17,169
7							57	42	90 719	22 204,282	381 598,115	17,186	16,723
8							58	43	89 909	21 469,308	359 393,833	16,740	16,277
9							59	44	89 027	20 740,206	337 924,525	16,293	15,831
10							60	45	88 078	20 018,741	317 184,318	15,844	15,382
11							61	46	87 052	19 302,990	297 165,577	15,395	14,932
12							62	47	85 959	18 595,681	277 862,587	14,942	14,480
13							63	48	84 790	17 895,321	259 266,906	14,488	14,026
14							64	49	83 570	17 207,626	241 371,585	14,027	13,565
15	0	99 435	68 656,262	2 164 496,841	31,527	31,064	65	50	82 222	16 517,229	224 163,959	13,572	13,109
16	1	99 104	66 758,660	2 095 840,578	31,394	30,932	66	51	80 805	15 836,739	207 646,730	13,112	12,649
17	2	99 052	65 096,298	2 029 081,918	31,170	30,708	67	52	79 274	15 157,731	191 809,991	12,654	12,192
18	3	99 003	63 477,612	1 963 985,620	30,940	30,477	68	53	77 643	14 483,746	176 652,260	12,197	11,734
19	4	98 945	61 892,644	1 900 508,008	30,707	30,244	69	54	75 928	13 818,236	162 168,514	11,736	11,273
20	5	98 885	60 346,366	1 838 615,364	30,468	30,005	70	55	74 100	13 156,754	148 350,278	11,276	10,813
21	6	98 821	58 836,888	1 778 268,998	30,224	29,761	71	56	72 156	12 499,164	135 193,524	10,816	10,354
22	7	98 759	57 365,826	1 719 432,110	29,973	29,511	72	57	70 092	11 845,473	122 694,360	10,358	9,895
23	8	98 698	55 932,119	1 662 066,284	29,716	29,253	73	58	67 920	11 198,343	110 848,887	9,899	9,436
24	9	98 640	54 535,377	1 606 134,165	29,451	28,989	74	59	65 602	10 552,332	99 650,544	9,443	8,981
25	10	98 578	53 171,806	1 551 598,789	29,181	28,718	75	60	63 081	9 899,327	89 098,212	9,000	8,538
26	11	98 516	51 842,753	1 498 426,983	28,903	28,441	76	61	60 392	9 246,211	79 198,885	8,566	8,103
27	12	98 451	50 544,866	1 446 584,230	28,620	28,157	77	62	57 546	8 595,591	69 952,674	8,138	7,676
28	13	98 381	49 276,885	1 396 039,364	28,331	27,868	78	63	54 510	7 943,513	61 357,082	7,724	7,262
29	14	98 313	48 041,817	1 346 762,479	28,033	27,571	79	64	51 283	7 290,966	53 413,570	7,326	6,864
30	15	98 238	46 834,167	1 298 720,662	27,730	27,268	80	65	47 910	6 645,300	46 122,604	6,941	6,478
31	16	98 163	45 656,888	1 251 886,495	27,419	26,957	81	66	44 443	6 014,129	39 477,304	6,564	6,102
32	17	98 077	44 504,664	1 206 229,607	27,103	26,641	82	67	40 853	5 393,447	33 463,176	6,204	5,742
33	18	97 990	43 380,304	1 161 724,943	26,780	26,318	83	68	37 228	4 795,027	28 069,729	5,854	5,392
34	19	97 892	42 280,283	1 118 344,639	26,451	25,988	84	69	33 626	4 225,419	23 274,703	5,508	5,046
35	20	97 795	41 207,826	1 076 064,356	26,113	25,651	85	70	30 002	3 678,093	19 049,283	5,179	4,717
36	21	97 691	40 160,070	1 034 856,531	25,768	25,306	86	71	26 432	3 161,442	15 371,190	4,862	4,400
37	22	97 584	39 137,851	994 696,461	25,415	24,953	87	72	22 937	2 676,484	12 209,748	4,562	4,099
38	23	97 470	38 138,480	955 558,610	25,055	24,593	88	73	19 548	2 225,355	9 533,264	4,284	3,822
39	24	97 340	37 158,879	917 420,130	24,689	24,227	89	74	16 378	1 819,019	7 307,909	4,018	3,555
40	25	97 209	36 203,628	880 261,251	24,314	23,852	90	75	13 385	1 450,312	5 488,890	3,785	3,322
41	26	97 063	35 267,541	844 057,624	23,933	23,471	91	76	10 792	1 140,897	4 038,578	3,540	3,077
42	27	96 907	34 352,104	808 790,083	23,544	23,082	92	77	8 424	868,842	2 897,681	3,335	2,873
43	28	96 733	33 454,001	774 437,979	23,149	22,687	93	78	6 419	645,844	2 028,839	3,141	2,679
44	29	96 536	32 571,611	740 983,978	22,749	22,287	94	79	4 755	466,770	1 382,995	2,963	2,500
45	30	96 316	31 704,864	708 412,367	22,344	21,882	95	80	3 420	327,584	916,225	2,797	2,335
46	31	96 076	30 854,326	676 707,504	21,932	21,470	96	81	2 383	222,661	588,642	2,644	2,181
47	32	95 809	30 018,255	645 853,177	21,515	21,053	97	82	1 605	146,320	365,981	2,501	2,039
48	33	95 499	29 191,212	615 834,922	21,097	20,634	98	83	1 042	92,664	219,661	2,370	1,908
49	34	95 158	28 377,511	586 643,710	20,673	20,210	99	84	651	56,475	126,996	2,249	1,786
							100	85	390	33,004	70,521	2,137	1,674

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	34	94 817	27 586,157	559 764,956	20,292	19,829
1							51	35	94 397	26 794,263	532 178,799	19,862	19,399
2							52	36	93 913	26 006,723	505 384,536	19,433	18,970
3							53	37	93 399	25 233,401	479 377,813	18,998	18,535
4							54	38	92 834	24 469,002	454 144,411	18,560	18,098
5							55	39	92 207	23 711,151	429 675,409	18,121	17,659
6							56	40	91 523	22 961,111	405 964,258	17,681	17,218
7							57	41	90 792	22 222,093	383 003,147	17,235	16,773
8							58	42	89 989	21 488,434	360 781,054	16,790	16,327
9							59	43	89 118	20 761,465	339 292,619	16,342	15,880
10							60	44	88 177	20 041,251	318 531,154	15,894	15,431
11							61	45	87 163	19 327,521	298 489,904	15,444	14,981
12							62	46	86 080	18 621,922	279 162,383	14,991	14,529
13							63	47	84 929	17 924,630	260 540,461	14,535	14,073
14							64	48	83 718	17 238,110	242 615,831	14,074	13,612
15							65	49	82 392	16 551,286	225 377,721	13,617	13,155
16	0	99 417	66 969,795	2 097 795,687	31,325	30,862	66	50	80 984	15 871,705	208 826,435	13,157	12,695
17	1	99 078	65 113,486	2 030 825,892	31,189	30,727	67	51	79 469	15 194,910	192 954,730	12,699	12,236
18	2	99 018	63 487,068	1 965 712,406	30,962	30,500	68	52	77 857	14 523,619	177 759,821	12,239	11,777
19	3	98 956	61 899,560	1 902 225,338	30,731	30,268	69	53	76 157	13 859,907	163 236,202	11,778	11,315
20	4	98 896	60 353,559	1 840 325,778	30,492	30,030	70	54	74 337	13 198,874	149 376,295	11,317	10,855
21	5	98 831	58 842,836	1 779 972,219	30,250	29,787	71	55	72 413	12 543,608	136 177,421	10,856	10,394
22	6	98 768	57 370,822	1 721 129,383	30,000	29,538	72	56	70 358	11 890,326	123 633,813	10,398	9,935
23	7	98 707	55 936,920	1 663 758,561	29,743	29,281	73	57	68 192	11 243,278	111 743,488	9,939	9,476
24	8	98 647	54 539,393	1 607 821,642	29,480	29,018	74	58	65 892	10 599,099	100 500,210	9,482	9,020
25	9	98 584	53 175,474	1 553 282,248	29,211	28,748	75	59	63 380	9 946,293	89 901,111	9,039	8,576
26	10	98 523	51 846,433	1 500 106,774	28,934	28,471	76	60	60 719	9 296,312	79 954,818	8,601	8,138
27	11	98 459	50 548,908	1 448 260,342	28,651	28,188	77	61	57 878	8 645,273	70 658,505	8,173	7,711
28	12	98 389	49 280,852	1 397 711,433	28,362	27,900	78	62	54 856	7 993,935	62 013,232	7,758	7,295
29	13	98 322	48 046,120	1 348 430,581	28,065	27,603	79	63	51 631	7 340,425	54 019,297	7,359	6,897
30	14	98 248	46 839,244	1 300 384,461	27,763	27,300	80	64	48 264	6 694,500	46 678,872	6,973	6,510
31	15	98 175	45 662,632	1 253 545,217	27,452	26,990	81	65	44 793	6 061,468	39 984,372	6,596	6,134
32	16	98 093	44 511,513	1 207 882,585	27,136	26,674	82	66	41 205	5 439,982	33 922,904	6,236	5,773
33	17	98 005	43 387,267	1 163 371,072	26,814	26,351	83	67	37 571	4 839,220	28 482,922	5,886	5,423
34	18	97 915	42 289,942	1 119 983,806	26,483	26,021	84	68	33 956	4 266,853	23 643,703	5,541	5,079
35	19	97 815	41 216,338	1 077 693,863	26,147	25,685	85	69	30 324	3 717,580	19 376,850	5,212	4,750
36	20	97 712	40 168,987	1 036 477,525	25,803	25,341	86	70	26 743	3 198,560	15 659,270	4,896	4,433
37	21	97 605	39 146,044	996 308,538	25,451	24,989	87	71	23 236	2 711,399	12 460,709	4,596	4,133
38	22	97 492	38 147,038	957 162,495	25,091	24,629	88	72	19 835	2 258,046	9 749,310	4,318	3,855
39	23	97 363	37 167,375	919 015,457	24,726	24,264	89	73	16 649	1 849,087	7 491,263	4,051	3,589
40	24	97 229	36 210,947	881 848,082	24,353	23,891	90	74	13 639	1 477,811	5 642,176	3,818	3,356
41	25	97 084	35 275,301	845 637,135	23,972	23,510	91	75	11 029	1 165,915	4 164,366	3,572	3,109
42	26	96 930	34 360,236	810 361,834	23,584	23,122	92	76	8 636	890,656	2 998,451	3,367	2,904
43	27	96 759	33 462,991	776 001,599	23,190	22,727	93	77	6 602	664,260	2 107,795	3,173	2,711
44	28	96 560	32 579,849	742 538,608	22,791	22,329	94	78	4 912	482,234	1 443,534	2,993	2,531
45	29	96 344	31 713,963	709 958,758	22,386	21,924	95	79	3 549	339,925	961,300	2,828	2,366
46	30	96 103	30 863,062	678 244,795	21,976	21,514	96	80	2 487	232,366	621,375	2,674	2,212
47	31	95 838	30 027,324	647 381,734	21,560	21,097	97	81	1 685	153,632	389,010	2,532	2,070
48	32	95 533	29 201,563	617 354,409	21,141	20,679	98	82	1 103	98,073	235,378	2,400	1,938
49	33	95 192	28 387,891	588 152,846	20,718	20,256	99	83	694	60,253	137,305	2,279	1,816
							100	84	420	35,577	77,052	2,166	1,703

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17	0	99 391	65 319,418	2 032 632,651	31,118	30,656
18	1	99 044	63 503,831	1 967 313,233	30,979	30,517
19	2	98 970	61 908,781	1 903 809,403	30,752	30,289
20	3	98 907	60 360,303	1 841 900,622	30,515	30,053
21	4	98 843	58 849,850	1 781 540,318	30,273	29,810
22	5	98 778	57 376,621	1 722 690,469	30,024	29,562
23	6	98 715	55 941,792	1 665 313,847	29,769	29,306
24	7	98 655	54 544,075	1 609 372,056	29,506	29,043
25	8	98 592	53 179,390	1 554 827,981	29,237	28,775
26	9	98 530	51 850,010	1 501 648,591	28,961	28,499
27	10	98 466	50 552,496	1 449 798,581	28,679	28,217
28	11	98 397	49 284,793	1 399 246,085	28,391	27,929
29	12	98 330	48 049,988	1 349 961,292	28,095	27,633
30	13	98 257	46 843,440	1 301 911,304	27,793	27,330
31	14	98 186	45 667,582	1 255 067,864	27,483	27,020
32	15	98 105	44 517,113	1 209 400,282	27,167	26,705
33	16	98 020	43 393,944	1 164 883,169	26,844	26,382
34	17	97 931	42 296,730	1 121 489,225	26,515	26,052
35	18	97 837	41 225,755	1 079 192,496	26,178	25,715
36	19	97 733	40 177,285	1 037 966,741	25,835	25,372
37	20	97 626	39 154,736	997 789,456	25,483	25,021
38	21	97 512	38 155,023	958 634,721	25,125	24,662
39	22	97 385	37 175,714	920 479,697	24,760	24,298
40	23	97 251	36 219,226	883 303,983	24,388	23,925
41	24	97 104	35 282,433	847 084,757	24,009	23,546
42	25	96 951	34 367,796	811 802,324	23,621	23,159
43	26	96 782	33 470,912	777 434,528	23,227	22,765
44	27	96 586	32 588,604	743 963,616	22,829	22,367
45	28	96 368	31 721,984	711 375,012	22,425	21,963
46	29	96 131	30 871,919	679 653,027	22,015	21,553
47	30	95 865	30 035,826	648 781,108	21,600	21,138
48	31	95 561	29 210,385	618 745,282	21,182	20,720
49	32	95 226	28 397,957	589 534,897	20,760	20,297
50	33	94 851	27 596,247	561 136,940	20,334	19,871
51	34	94 437	26 805,649	533 540,693	19,904	19,442
52	35	93 951	26 017,072	506 735,044	19,477	19,015
53	36	93 443	25 245,398	480 717,972	19,042	18,579
54	37	92 883	24 482,068	455 472,574	18,604	18,142
55	38	92 259	23 724,359	430 990,506	18,167	17,704
56	39	91 583	22 976,311	407 266,147	17,725	17,263
57	40	90 856	22 237,798	384 289,836	17,281	16,819
58	41	90 061	21 505,671	362 052,038	16,835	16,373
59	42	89 198	20 779,961	340 546,367	16,388	15,926
60	43	88 268	20 061,793	319 766,406	15,939	15,477
61	44	87 261	19 349,253	299 704,613	15,489	15,027
62	45	86 190	18 645,587	280 355,360	15,036	14,574
63	46	85 048	17 949,924	261 709,773	14,580	14,118
64	47	83 855	17 266,343	243 759,849	14,118	13,655
65	48	82 538	16 580,607	226 493,506	13,660	13,198
66	49	81 151	15 904,431	209 912,899	13,198	12,736
67	50	79 644	15 228,458	194 008,469	12,740	12,277
68	51	78 048	14 559,242	178 780,011	12,279	11,817
69	52	76 366	13 898,062	164 220,769	11,816	11,354
70	53	74 562	13 238,677	150 322,707	11,355	10,892
71	54	72 645	12 583,765	137 084,030	10,894	10,431
72	55	70 608	11 932,605	124 500,265	10,434	9,971
73	56	68 450	11 285,850	112 567,660	9,974	9,512
74	57	66 157	10 641,629	101 281,809	9,518	9,055
75	58	63 661	9 990,374	90 640,181	9,073	8,610
76	59	61 007	9 340,418	80 649,807	8,634	8,172
77	60	58 192	8 692,118	71 309,389	8,204	7,741
78	61	55 173	8 040,140	62 617,270	7,788	7,326
79	62	51 958	7 387,019	54 577,131	7,388	6,926
80	63	48 592	6 739,913	47 190,111	7,002	6,539
81	64	45 125	6 106,346	40 450,198	6,624	6,162
82	65	41 530	5 482,802	34 343,852	6,264	5,802
83	66	37 895	4 880,973	28 861,051	5,913	5,451
84	67	34 269	4 306,178	23 980,078	5,569	5,106
85	68	30 622	3 754,034	19 673,900	5,241	4,778
86	69	27 030	3 232,899	15 919,866	4,924	4,462
87	70	23 509	2 743,234	12 686,967	4,625	4,162
88	71	20 094	2 287,503	9 943,733	4,347	3,885
89	72	16 893	1 876,251	7 656,230	4,081	3,618
90	73	13 864	1 502,239	5 779,979	3,848	3,385
91	74	11 238	1 188,021	4 277,740	3,601	3,138
92	75	8 825	910,187	3 089,719	3,395	2,932
93	76	6 767	680,938	2 179,532	3,201	2,738
94	77	5 053	495,984	1 498,594	3,021	2,559
95	78	3 667	351,187	1 002,610	2,855	2,392
96	79	2 581	241,120	651,423	2,702	2,239
97	80	1 759	160,328	410,303	2,559	2,097
98	81	1 158	102,973	249,975	2,428	1,965
99	82	735	63,770	147,002	2,305	1,843
100	83	448	37,957	83,232	2,193	1,730

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	32	94 885	27 606,032	562 393,469	20,372	19,910
1							51	33	94 472	26 815,454	534 787,436	19,943	19,481
2							52	34	93 990	26 028,128	507 971,982	19,516	19,054
3							53	35	93 480	25 255,444	481 943,855	19,083	18,620
4							54	36	92 927	24 493,708	456 688,411	18,645	18,183
5							55	37	92 308	23 737,027	432 194,703	18,208	17,745
6							56	38	91 634	22 989,110	408 457,676	17,767	17,305
7							57	39	90 916	22 252,519	385 468,566	17,322	16,860
8							58	40	90 125	21 520,870	363 216,047	16,877	16,415
9							59	41	89 269	20 796,629	341 695,178	16,430	15,968
10							60	42	88 346	20 079,665	320 898,548	15,981	15,519
11							61	43	87 350	19 369,086	300 818,883	15,531	15,068
12							62	44	86 287	18 666,553	281 449,797	15,078	14,615
13							63	45	85 156	17 972,735	262 783,244	14,621	14,159
14							64	46	83 973	17 290,707	244 810,509	14,159	13,696
15							65	47	82 673	16 607,763	227 519,802	13,700	13,237
16							66	48	81 295	15 932,606	210 912,039	13,238	12,775
17							67	49	79 809	15 259,857	194 979,433	12,777	12,315
18	0	99 358	63 704,672	1 968 983,791	30,908	30,446	68	50	78 220	14 591,387	179 719,576	12,317	11,854
19	1	98 997	61 925,127	1 905 279,120	30,767	30,305	69	51	76 553	13 932,151	165 128,189	11,852	11,390
20	2	98 922	60 369,295	1 843 353,993	30,535	30,072	70	52	74 767	13 275,122	151 196,038	11,389	10,927
21	3	98 854	58 856,426	1 782 984,698	30,294	29,831	71	53	72 864	12 621,713	137 920,916	10,927	10,465
22	4	98 790	57 383,460	1 724 128,272	30,046	29,583	72	54	70 834	11 970,806	125 299,203	10,467	10,005
23	5	98 725	55 947,446	1 666 744,812	29,791	29,329	73	55	68 694	11 325,980	113 328,396	10,006	9,544
24	6	98 664	54 548,825	1 610 797,365	29,529	29,067	74	56	66 407	10 681,923	102 002,416	9,549	9,087
25	7	98 600	53 183,955	1 556 248,540	29,262	28,799	75	57	63 916	10 030,461	91 320,493	9,104	8,642
26	8	98 537	51 853,828	1 503 064,585	28,987	28,524	76	58	61 277	9 381,814	81 290,032	8,665	8,202
27	9	98 473	50 555,983	1 451 210,757	28,705	28,243	77	59	58 468	8 733,357	71 908,218	8,234	7,771
28	10	98 404	49 288,291	1 400 654,773	28,418	27,955	78	60	55 472	8 083,706	63 174,861	7,815	7,353
29	11	98 338	48 053,831	1 351 366,482	28,122	27,660	79	61	52 259	7 429,716	55 091,155	7,415	6,953
30	12	98 265	46 847,211	1 303 312,651	27,820	27,358	80	62	48 900	6 782,696	47 661,439	7,027	6,564
31	13	98 194	45 671,673	1 256 465,440	27,511	27,048	81	63	45 431	6 147,769	40 878,744	6,649	6,187
32	14	98 116	44 521,938	1 210 793,767	27,195	26,733	82	64	41 837	5 523,395	34 730,975	6,288	5,826
33	15	98 033	43 399,403	1 166 271,829	26,873	26,411	83	65	38 194	4 919,393	29 207,580	5,937	5,475
34	16	97 946	42 303,239	1 122 872,426	26,543	26,081	84	66	34 564	4 343,332	24 288,187	5,592	5,130
35	17	97 853	41 232,371	1 080 569,187	26,207	25,744	85	67	30 904	3 788,633	19 944,855	5,264	4,802
36	18	97 755	40 186,464	1 039 336,815	25,863	25,400	86	68	27 295	3 264,600	16 156,222	4,949	4,486
37	19	97 647	39 162,824	999 150,351	25,513	25,050	87	69	23 762	2 772,684	12 891,622	4,650	4,187
38	20	97 534	38 163,495	959 987,527	25,155	24,692	88	70	20 330	2 314,361	10 118,938	4,372	3,910
39	21	97 405	37 183,497	921 824,032	24,791	24,329	89	71	17 114	1 900,727	7 804,577	4,106	3,644
40	22	97 273	36 227,353	884 640,536	24,419	23,957	90	72	14 068	1 524,307	5 903,850	3,873	3,411
41	23	97 126	35 290,500	848 413,183	24,041	23,578	91	73	11 424	1 207,659	4 379,543	3,626	3,164
42	24	96 971	34 374,744	813 122,683	23,655	23,192	92	74	8 993	927,444	3 171,884	3,420	2,958
43	25	96 803	33 478,277	778 747,939	23,261	22,799	93	75	6 916	695,870	2 244,439	3,225	2,763
44	26	96 609	32 596,319	745 269,662	22,864	22,401	94	76	5 179	508,438	1 548,569	3,046	2,583
45	27	96 394	31 730,509	712 673,343	22,460	21,998	95	77	3 772	361,201	1 040,132	2,880	2,417
46	28	96 155	30 879,728	680 942,834	22,051	21,589	96	78	2 666	249,108	678,931	2,725	2,263
47	29	95 893	30 044,446	650 063,106	21,637	21,174	97	79	1 825	166,368	429,823	2,584	2,121
48	30	95 589	29 218,655	620 018,660	21,220	20,758	98	80	1 208	107,461	263,455	2,452	1,989
49	31	95 255	28 406,536	590 800,005	20,798	20,336	99	81	772	66,956	155,993	2,330	1,867
							100	82	475	40,172	89,037	2,216	1,754

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	31	94 914	27 614,373	563 543,655	20,408	19,945
1							51	32	94 505	26 824,963	535 929,282	19,979	19,516
2							52	33	94 025	26 037,648	509 104,319	19,553	19,090
3							53	34	93 520	25 266,176	483 066,671	19,119	18,657
4							54	35	92 964	24 503,454	457 800,495	18,683	18,221
5							55	36	92 352	23 748,313	433 297,041	18,245	17,783
6							56	37	91 683	23 001,385	409 548,728	17,805	17,343
7							57	38	90 966	22 264,914	386 547,343	17,361	16,899
8							58	39	90 184	21 535,116	364 282,429	16,916	16,453
9							59	40	89 332	20 811,327	342 747,312	16,469	16,007
10							60	41	88 417	20 095,772	321 935,986	16,020	15,558
11							61	42	87 428	19 386,342	301 840,214	15,570	15,107
12							62	43	86 375	18 685,686	282 453,872	15,116	14,654
13							63	44	85 252	17 992,944	263 768,187	14,660	14,197
14							64	45	84 080	17 312,681	245 775,243	14,196	13,734
15							65	46	82 789	16 631,198	228 462,562	13,737	13,275
16							66	47	81 428	15 958,701	211 831,364	13,274	12,811
17							67	48	79 950	15 286,891	195 872,663	12,813	12,351
18							68	49	78 382	14 621,473	180 585,772	12,351	11,888
19	0	99 310	62 120,975	1 906 824,533	30,695	30,233	69	50	76 722	13 962,912	165 964,299	11,886	11,424
20	1	98 948	60 385,234	1 844 703,558	30,549	30,086	70	51	74 950	13 307,683	152 001,388	11,422	10,960
21	2	98 869	58 865,193	1 784 318,323	30,312	29,850	71	52	73 065	12 656,460	138 693,705	10,958	10,496
22	3	98 801	57 389,873	1 725 453,130	30,065	29,603	72	53	71 048	12 006,906	126 037,245	10,497	10,035
23	4	98 737	55 954,115	1 668 063,257	29,811	29,349	73	54	68 914	11 362,240	114 030,339	10,036	9,573
24	5	98 674	54 554,339	1 612 109,142	29,551	29,088	74	55	66 643	10 719,905	102 668,100	9,577	9,115
25	6	98 609	53 188,587	1 557 554,803	29,284	28,821	75	56	64 158	10 068,442	91 948,194	9,132	8,670
26	7	98 546	51 858,279	1 504 366,216	29,009	28,547	76	57	61 523	9 419,459	81 879,753	8,693	8,230
27	8	98 480	50 559,707	1 452 507,937	28,729	28,266	77	58	58 727	8 772,062	72 460,294	8,260	7,798
28	9	98 411	49 291,691	1 401 948,230	28,442	27,979	78	59	55 735	8 122,058	63 688,231	7,841	7,379
29	10	98 345	48 057,242	1 352 656,538	28,147	27,684	79	60	52 542	7 469,974	55 566,173	7,439	6,976
30	11	98 273	46 850,957	1 304 599,296	27,846	27,383	80	61	49 183	6 821,899	48 096,199	7,050	6,588
31	12	98 202	45 675,350	1 257 748,339	27,537	27,074	81	62	45 719	6 186,793	41 274,300	6,671	6,209
32	13	98 124	44 525,927	1 212 072,989	27,222	26,759	82	63	42 121	5 560,864	35 087,507	6,310	5,847
33	14	98 043	43 404,107	1 167 547,062	26,899	26,437	83	64	38 477	4 955,815	29 526,643	5,958	5,496
34	15	97 958	42 308,561	1 124 142,955	26,570	26,108	84	65	34 836	4 377,520	24 570,828	5,613	5,151
35	16	97 868	41 238,717	1 081 834,394	26,233	25,771	85	66	31 170	3 821,321	20 193,308	5,284	4,822
36	17	97 771	40 192,914	1 040 595,677	25,890	25,428	86	67	27 547	3 294,688	16 371,987	4,969	4,507
37	18	97 669	39 171,771	1 000 402,763	25,539	25,076	87	68	23 995	2 799,873	13 077,299	4,671	4,208
38	19	97 554	38 171,379	961 230,992	25,182	24,720	88	69	20 548	2 339,207	10 277,426	4,394	3,931
39	20	97 427	37 191,753	923 059,613	24,819	24,357	89	70	17 315	1 923,043	7 938,220	4,128	3,666
40	21	97 293	36 234,937	885 867,860	24,448	23,985	90	71	14 251	1 544,192	6 015,176	3,895	3,433
41	22	97 148	35 298,418	849 632,923	24,070	23,608	91	72	11 592	1 225,400	4 470,984	3,649	3,186
42	23	96 993	34 382,603	814 334,505	23,684	23,222	92	73	9 141	942,775	3 245,584	3,443	2,980
43	24	96 823	33 485,045	779 951,902	23,293	22,830	93	74	7 047	709,064	2 302,809	3,248	2,785
44	25	96 630	32 603,491	746 466,856	22,895	22,433	94	75	5 293	519,587	1 593,745	3,067	2,605
45	26	96 417	31 738,020	713 863,366	22,492	22,030	95	76	3 866	370,270	1 074,158	2,901	2,439
46	27	96 181	30 888,026	682 125,345	22,084	21,621	96	77	2 742	256,211	703,888	2,747	2,285
47	28	95 917	30 052,045	651 237,319	21,670	21,208	97	78	1 886	171,880	447,677	2,605	2,142
48	29	95 616	29 227,041	621 185,274	21,254	20,791	98	79	1 254	111,510	275,797	2,473	2,011
49	30	95 282	28 414,579	591 958,233	20,833	20,370	99	80	805	69,875	164,287	2,351	1,889
							100	81	498	42,180	94,412	2,238	1,776

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	30	94 940	27 622,191	564 596,586	20,440	19,978
1							51	31	94 534	26 833,067	536 974,395	20,012	19,549
2							52	32	94 058	26 046,881	510 141,328	19,586	19,123
3							53	33	93 554	25 275,418	484 094,447	19,153	18,690
4							54	34	93 004	24 513,867	458 819,030	18,717	18,254
5							55	35	92 389	23 757,762	434 305,163	18,281	17,818
6							56	36	91 727	23 012,321	410 547,400	17,840	17,378
7							57	37	91 015	22 276,803	387 535,079	17,396	16,934
8							58	38	90 235	21 547,112	365 258,276	16,952	16,489
9							59	39	89 391	20 825,104	343 711,164	16,505	16,042
10							60	40	88 480	20 109,974	322 886,061	16,056	15,594
11							61	41	87 498	19 401,892	302 776,087	15,605	15,143
12							62	42	86 452	18 702,332	283 374,195	15,152	14,689
13							63	43	85 340	18 011,387	264 671,862	14,695	14,232
14							64	44	84 174	17 332,148	246 660,476	14,231	13,769
15							65	45	82 895	16 652,334	229 328,328	13,772	13,309
16							66	46	81 543	15 981,220	212 675,994	13,308	12,845
17							67	47	80 081	15 311,928	196 694,774	12,846	12,383
18							68	48	78 520	14 647,376	181 382,847	12,383	11,921
19							69	49	76 881	13 991,702	166 735,471	11,917	11,454
20	0	99 261	60 576,212	1 846 133,909	30,476	30,014	70	50	75 116	13 337,065	152 743,769	11,453	10,990
21	1	98 895	58 880,736	1 785 557,697	30,325	29,863	71	51	73 244	12 687,503	139 406,705	10,988	10,525
22	2	98 815	57 398,422	1 726 676,962	30,082	29,620	72	52	71 243	12 039,960	126 719,201	10,525	10,062
23	3	98 748	55 960,368	1 669 278,540	29,830	29,367	73	53	69 122	11 396,504	114 679,242	10,063	9,600
24	4	98 686	54 560,842	1 613 318,172	29,569	29,107	74	54	66 857	10 754,225	103 282,738	9,604	9,142
25	5	98 619	53 193,964	1 558 757,330	29,303	28,841	75	55	64 386	10 104,243	92 528,513	9,157	8,695
26	6	98 554	51 862,796	1 505 563,367	29,030	28,567	76	56	61 756	9 455,126	82 424,271	8,717	8,255
27	7	98 489	50 564,047	1 453 700,571	28,750	28,287	77	57	58 963	8 807,261	72 969,145	8,285	7,823
28	8	98 418	49 295,322	1 403 136,524	28,464	28,001	78	58	55 982	8 158,054	64 161,884	7,865	7,402
29	9	98 351	48 060,557	1 353 841,202	28,169	27,707	79	59	52 791	7 505,415	56 003,830	7,462	6,999
30	10	98 280	46 854,283	1 305 780,645	27,869	27,407	80	60	49 449	6 858,864	48 498,415	7,071	6,608
31	11	98 210	45 679,003	1 258 926,362	27,560	27,098	81	61	45 983	6 222,552	41 639,551	6,692	6,229
32	12	98 132	44 529,511	1 213 247,359	27,246	26,783	82	62	42 388	5 596,162	35 416,999	6,329	5,866
33	13	98 052	43 407,996	1 168 717,848	26,924	26,462	83	63	38 738	4 989,433	29 820,837	5,977	5,514
34	14	97 969	42 313,147	1 125 309,852	26,595	26,132	84	64	35 094	4 409,930	24 831,403	5,631	5,168
35	15	97 880	41 243,905	1 082 996,705	26,258	25,796	85	65	31 416	3 851,400	20 421,473	5,302	4,840
36	16	97 786	40 199,099	1 041 752,800	25,915	25,452	86	66	27 784	3 323,115	16 570,073	4,986	4,524
37	17	97 685	39 178,058	1 001 553,701	25,564	25,102	87	67	24 216	2 825,678	13 246,958	4,688	4,226
38	18	97 576	38 180,100	962 375,642	25,206	24,744	88	68	20 749	2 362,144	10 421,280	4,412	3,949
39	19	97 447	37 199,436	924 195,543	24,844	24,382	89	69	17 501	1 943,688	8 059,136	4,146	3,684
40	20	97 315	36 242,982	886 996,107	24,474	24,011	90	70	14 418	1 562,323	6 115,448	3,914	3,452
41	21	97 168	35 305,807	850 753,125	24,097	23,634	91	71	11 743	1 241,386	4 553,125	3,668	3,205
42	22	97 015	34 390,318	815 447,317	23,712	23,249	92	72	9 275	956,625	3 311,739	3,462	2,999
43	23	96 845	33 492,701	781 056,999	23,320	22,858	93	73	7 163	720,785	2 355,115	3,267	2,805
44	24	96 650	32 610,083	747 564,298	22,924	22,462	94	74	5 393	529,438	1 634,330	3,087	2,624
45	25	96 438	31 745,003	714 954,215	22,522	22,059	95	75	3 951	378,389	1 104,891	2,920	2,458
46	26	96 203	30 895,338	683 209,212	22,114	21,651	96	76	2 811	262,644	726,502	2,766	2,304
47	27	95 943	30 060,121	652 313,874	21,700	21,238	97	77	1 939	176,781	463,858	2,624	2,161
48	28	95 640	29 234,434	622 253,753	21,285	20,823	98	78	1 295	115,204	287,077	2,492	2,029
49	29	95 309	28 422,734	593 019,320	20,864	20,402	99	79	836	72,507	171,873	2,370	1,908
							100	80	520	44,018	99,366	2,257	1,795

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	29	94 968	27 630,118	565 561,101	20,469	20,007
1							51	30	94 561	26 840,664	537 930,983	20,042	19,579
2							52	31	94 087	26 054,750	511 090,319	19,616	19,154
3							53	32	93 587	25 284,380	485 035,569	19,183	18,721
4							54	33	93 038	24 522,833	459 751,188	18,748	18,285
5							55	34	92 428	23 767,858	435 228,355	18,312	17,849
6							56	35	91 763	23 021,478	411 460,497	17,873	17,410
7							57	36	91 058	22 287,394	388 439,019	17,429	16,966
8							58	37	90 283	21 558,617	366 151,624	16,984	16,522
9							59	38	89 441	20 836,704	344 593,007	16,538	16,075
10							60	39	88 538	20 123,287	323 756,303	16,089	15,626
11							61	40	87 560	19 415,604	303 633,017	15,639	15,176
12							62	41	86 521	18 717,334	284 217,413	15,185	14,722
13							63	42	85 416	18 027,433	265 500,079	14,728	14,265
14							64	43	84 261	17 349,913	247 472,646	14,264	13,801
15							65	44	82 988	16 671,058	230 122,733	13,804	13,341
16							66	45	81 646	16 001,530	213 451,675	13,339	12,877
17							67	46	80 194	15 333,534	197 450,146	12,877	12,415
18							68	47	78 649	14 671,365	182 116,611	12,413	11,951
19							69	48	77 017	14 016,489	167 445,246	11,946	11,484
20							70	49	75 271	13 364,564	153 428,757	11,480	11,018
21	0	99 208	59 066,955	1 786 882,156	30,252	29,789	71	50	73 405	12 715,516	140 064,193	11,015	10,553
22	1	98 842	57 413,577	1 727 815,201	30,094	29,632	72	51	71 418	12 069,491	127 348,678	10,551	10,089
23	2	98 763	55 968,704	1 670 401,624	29,845	29,383	73	52	69 312	11 427,877	115 279,186	10,088	9,625
24	3	98 697	54 566,939	1 614 432,920	29,586	29,124	74	53	67 058	10 786,655	103 851,309	9,628	9,165
25	4	98 630	53 200,304	1 559 865,981	29,321	28,858	75	54	64 592	10 136,591	93 064,654	9,181	8,719
26	5	98 564	51 868,039	1 506 665,677	29,048	28,586	76	55	61 976	9 488,746	82 928,063	8,740	8,277
27	6	98 497	50 568,451	1 454 797,639	28,769	28,306	77	56	59 186	8 840,610	73 439,317	8,307	7,845
28	7	98 426	49 299,553	1 404 229,188	28,484	28,021	78	57	56 207	8 190,789	64 598,707	7,887	7,424
29	8	98 359	48 064,097	1 354 929,635	28,190	27,728	79	58	53 025	7 538,678	56 407,918	7,482	7,020
30	9	98 287	46 857,515	1 306 865,538	27,890	27,428	80	59	49 684	6 891,405	48 869,240	7,091	6,629
31	10	98 217	45 682,245	1 260 008,023	27,582	27,120	81	60	46 233	6 256,269	41 977,835	6,710	6,247
32	11	98 140	44 533,073	1 214 325,778	27,268	26,806	82	61	42 633	5 628,508	35 721,566	6,347	5,884
33	12	98 060	43 411,490	1 169 792,705	26,947	26,484	83	62	38 983	5 021,105	30 093,058	5,993	5,531
34	13	97 977	42 316,938	1 126 381,215	26,618	26,155	84	63	35 332	4 439,846	25 071,954	5,647	5,185
35	14	97 891	41 248,376	1 084 064,277	26,281	25,819	85	64	31 648	3 879,915	20 632,108	5,318	4,855
36	15	97 798	40 204,157	1 042 815,901	25,938	25,476	86	65	28 003	3 349,272	16 752,193	5,002	4,539
37	16	97 700	39 184,088	1 002 611,745	25,587	25,125	87	66	24 425	2 850,058	13 402,920	4,703	4,240
38	17	97 592	38 186,227	963 427,657	25,230	24,767	88	67	20 941	2 383,915	10 552,863	4,427	3,964
39	18	97 469	37 207,935	925 241,430	24,867	24,404	89	68	17 672	1 962,748	8 168,948	4,162	3,700
40	19	97 335	36 250,469	888 033,495	24,497	24,035	90	69	14 573	1 579,095	6 206,200	3,930	3,468
41	20	97 190	35 313,647	851 783,026	24,121	23,658	91	70	11 881	1 255,961	4 627,105	3,684	3,222
42	21	97 035	34 397,517	816 469,379	23,736	23,274	92	71	9 396	969,104	3 371,144	3,479	3,016
43	22	96 867	33 500,216	782 071,862	23,345	22,883	93	72	7 269	731,374	2 402,040	3,284	2,822
44	23	96 672	32 617,538	748 571,645	22,950	22,488	94	73	5 483	538,190	1 670,666	3,104	2,642
45	24	96 458	31 751,422	715 954,107	22,549	22,086	95	74	4 026	385,564	1 132,477	2,937	2,475
46	25	96 225	30 902,136	684 202,686	22,141	21,679	96	75	2 873	268,404	746,913	2,783	2,320
47	26	95 966	30 067,237	653 300,550	21,728	21,266	97	76	1 988	181,220	478,509	2,640	2,178
48	27	95 666	29 242,289	623 233,313	21,313	20,850	98	77	1 332	118,489	297,290	2,509	2,047
49	28	95 333	28 429,923	593 991,024	20,893	20,431	99	78	863	74,909	178,801	2,387	1,924
							100	79	540	45,676	103,891	2,275	1,812

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
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12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22	0	99 154	57 595,156	1 729 042,125	30,021	29,558
23	1	98 789	55 983,481	1 671 446,969	29,856	29,394
24	2	98 711	54 575,067	1 615 463,487	29,601	29,138
25	3	98 641	53 206,249	1 560 888,420	29,337	28,874
26	4	98 576	51 874,221	1 507 682,171	29,064	28,602
27	5	98 507	50 573,562	1 455 807,950	28,786	28,324
28	6	98 435	49 303,847	1 405 234,388	28,502	28,039
29	7	98 367	48 068,223	1 355 930,541	28,208	27,746
30	8	98 294	46 860,966	1 307 862,318	27,909	27,447
31	9	98 224	45 685,396	1 261 001,352	27,602	27,139
32	10	98 147	44 536,233	1 215 315,956	27,288	26,826
33	11	98 068	43 414,962	1 170 779,722	26,967	26,505
34	12	97 985	42 320,345	1 127 364,760	26,639	26,176
35	13	97 900	41 252,071	1 085 044,415	26,303	25,840
36	14	97 809	40 208,515	1 043 792,344	25,959	25,497
37	15	97 712	39 189,017	1 003 583,830	25,609	25,146
38	16	97 607	38 192,104	964 394,812	25,251	24,789
39	17	97 485	37 213,906	926 202,708	24,889	24,426
40	18	97 357	36 258,751	888 988,802	24,518	24,055
41	19	97 210	35 320,942	852 730,050	24,142	23,680
42	20	97 057	34 405,155	817 409,109	23,758	23,296
43	21	96 887	33 507,229	783 003,954	23,368	22,906
44	22	96 694	32 624,857	749 496,725	22,973	22,511
45	23	96 480	31 758,681	716 871,868	22,572	22,110
46	24	96 244	30 908,383	685 113,187	22,166	21,704
47	25	95 987	30 073,852	654 204,803	21,753	21,291
48	26	95 688	29 249,212	624 130,951	21,338	20,876
49	27	95 359	28 437,563	594 881,739	20,919	20,456
50	28	94 992	27 637,107	566 444,177	20,496	20,033
51	29	94 588	26 848,367	538 807,070	20,069	19,606
52	30	94 113	26 062,127	511 958,703	19,644	19,181
53	31	93 616	25 292,019	485 896,576	19,211	18,749
54	32	93 071	24 531,529	460 604,557	18,776	18,314
55	33	92 462	23 776,552	436 073,028	18,340	17,878
56	34	91 802	23 031,261	412 296,476	17,902	17,439
57	35	91 095	22 296,263	389 265,215	17,459	16,996
58	36	90 326	21 568,867	366 968,952	17,014	16,551
59	37	89 489	20 847,830	345 400,085	16,568	16,105
60	38	88 588	20 134,496	324 552,255	16,119	15,657
61	39	87 618	19 428,457	304 417,759	15,669	15,206
62	40	86 583	18 730,562	284 989,302	15,215	14,753
63	41	85 484	18 041,893	266 258,740	14,758	14,295
64	42	84 336	17 365,370	248 216,847	14,294	13,831
65	43	83 073	16 688,146	230 851,478	13,833	13,371
66	44	81 738	16 019,522	214 163,332	13,369	12,906
67	45	80 296	15 353,021	198 143,810	12,906	12,443
68	46	78 760	14 692,068	182 790,789	12,441	11,979
69	47	77 143	14 039,445	168 098,721	11,973	11,511
70	48	75 404	13 388,240	154 059,277	11,507	11,045
71	49	73 557	12 741,734	140 671,036	11,040	10,578
72	50	71 576	12 096,139	127 929,302	10,576	10,114
73	51	69 482	11 455,908	115 833,163	10,111	9,649
74	52	67 243	10 816,350	104 377,256	9,650	9,188
75	53	64 787	10 167,159	93 560,906	9,202	8,740
76	54	62 174	9 519,124	83 393,747	8,761	8,298
77	55	59 397	8 872,045	73 874,623	8,327	7,864
78	56	56 419	8 221,804	65 002,579	7,906	7,444
79	57	53 238	7 568,928	56 780,775	7,502	7,039
80	58	49 904	6 921,947	49 211,848	7,110	6,647
81	59	46 452	6 285,952	42 289,900	6,728	6,265
82	60	42 864	5 659,006	36 003,949	6,362	5,900
83	61	39 209	5 050,126	30 344,943	6,009	5,546
84	62	35 557	4 468,028	25 294,817	5,661	5,199
85	63	31 863	3 906,235	20 826,788	5,332	4,869
86	64	28 210	3 374,070	16 920,553	5,015	4,552
87	65	24 617	2 872,491	13 546,484	4,716	4,254
88	66	21 121	2 404,484	10 673,992	4,439	3,977
89	67	17 835	1 980,837	8 269,508	4,175	3,712
90	68	14 716	1 594,579	6 288,671	3,944	3,481
91	69	12 008	1 269,444	4 694,092	3,698	3,235
92	70	9 507	980,482	3 424,648	3,493	3,030
93	71	7 364	740,914	2 444,165	3,299	2,836
94	72	5 563	546,096	1 703,251	3,119	2,657
95	73	4 092	391,937	1 157,155	2,952	2,490
96	74	2 927	273,493	765,218	2,798	2,336
97	75	2 032	185,193	491,725	2,655	2,193
98	76	1 366	121,464	306,532	2,524	2,061
99	77	888	77,045	185,067	2,402	1,940
100	78	557	47,190	108,022	2,289	1,827

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	27	95 017	27 644,533	567 253,468	20,520	20,057
1							51	28	94 612	26 855,158	539 608,935	20,093	19,631
2							52	29	94 140	26 069,607	512 753,777	19,669	19,206
3							53	30	93 642	25 299,180	486 684,170	19,237	18,775
4							54	31	93 099	24 538,940	461 384,990	18,802	18,340
5							55	32	92 494	23 784,983	436 846,050	18,366	17,904
6							56	33	91 836	23 039,685	413 061,067	17,928	17,466
7							57	34	91 133	22 305,738	390 021,382	17,485	17,023
8							58	35	90 362	21 577,450	367 715,644	17,042	16,579
9							59	36	89 531	20 857,742	346 138,194	16,595	16,133
10							60	37	88 635	20 145,247	325 280,453	16,147	15,684
11							61	38	87 667	19 439,279	305 135,206	15,697	15,234
12							62	39	86 640	18 742,961	285 695,927	15,243	14,780
13							63	40	85 545	18 054,644	266 952,965	14,786	14,323
14							64	41	84 403	17 379,299	248 898,321	14,322	13,859
15							65	42	83 147	16 703,013	231 519,022	13,861	13,398
16							66	43	81 822	16 035,942	214 816,010	13,396	12,933
17							67	44	80 386	15 370,284	198 780,068	12,933	12,470
18							68	45	78 860	14 710,739	183 409,784	12,468	12,005
19							69	46	77 252	14 059,256	168 699,045	11,999	11,537
20							70	47	75 527	13 410,168	154 639,789	11,532	11,069
21							71	48	73 687	12 764,306	141 229,621	11,064	10,602
22							72	49	71 723	12 121,080	128 465,315	10,599	10,136
23	0	99 101	56 160,538	1 672 583,982	29,782	29,320	73	50	69 635	11 481,201	116 344,234	10,133	9,671
24	1	98 737	54 589,477	1 616 423,444	29,611	29,148	74	51	67 408	10 842,880	104 863,034	9,671	9,209
25	2	98 656	53 214,175	1 561 833,967	29,350	28,888	75	52	64 966	10 195,148	94 020,153	9,222	8,760
26	3	98 587	51 880,018	1 508 619,792	29,079	28,617	76	53	62 362	9 547,829	83 825,005	8,779	8,317
27	4	98 519	50 579,590	1 456 739,775	28,801	28,339	77	54	59 587	8 900,448	74 277,176	8,345	7,883
28	5	98 445	49 308,831	1 406 160,184	28,517	28,055	78	55	56 620	8 251,038	65 376,728	7,923	7,461
29	6	98 376	48 072,409	1 356 851,353	28,225	27,763	79	56	53 439	7 597,587	57 125,689	7,519	7,057
30	7	98 302	46 864,989	1 308 778,944	27,927	27,464	80	57	50 104	6 949,722	49 528,102	7,127	6,664
31	8	98 231	45 688,761	1 261 913,956	27,620	27,157	81	58	46 658	6 313,810	42 578,380	6,744	6,281
32	9	98 154	44 539,306	1 216 225,195	27,307	26,844	82	59	43 068	5 685,855	36 264,570	6,378	5,916
33	10	98 075	43 418,044	1 171 685,889	26,986	26,524	83	60	39 421	5 077,490	30 578,715	6,022	5,560
34	11	97 993	42 323,729	1 128 267,845	26,658	26,196	84	61	35 762	4 493,853	25 501,225	5,675	5,212
35	12	97 908	41 255,392	1 085 944,116	26,322	25,860	85	62	32 065	3 931,031	21 007,371	5,344	4,882
36	13	97 817	40 212,117	1 044 688,724	25,979	25,517	86	63	28 402	3 396,958	17 076,341	5,027	4,565
37	14	97 722	39 193,265	1 004 476,607	25,629	25,166	87	64	24 799	2 893,759	13 679,383	4,727	4,265
38	15	97 619	38 196,909	965 283,342	25,271	24,809	88	65	21 288	2 423,410	10 785,624	4,451	3,988
39	16	97 500	37 219,633	927 086,433	24,909	24,446	89	66	17 989	1 997,928	8 362,214	4,185	3,723
40	17	97 373	36 264,571	889 866,799	24,538	24,076	90	67	14 852	1 609,276	6 364,286	3,955	3,492
41	18	97 232	35 329,011	853 602,229	24,162	23,699	91	68	12 126	1 281,892	4 755,010	3,709	3,247
42	19	97 077	34 412,262	818 273,217	23,779	23,316	92	69	9 609	991,008	3 473,118	3,505	3,042
43	20	96 908	33 514,669	783 860,955	23,389	22,926	93	70	7 450	749,614	2 482,109	3,311	2,849
44	21	96 714	32 631,686	750 346,286	22,994	22,532	94	71	5 636	553,220	1 732,496	3,132	2,669
45	22	96 501	31 765,807	717 714,600	22,594	22,132	95	72	4 153	397,695	1 179,276	2,965	2,503
46	23	96 266	30 915,450	685 948,793	22,188	21,725	96	73	2 975	278,013	781,581	2,811	2,349
47	24	96 006	30 079,933	655 033,342	21,776	21,314	97	74	2 070	188,705	503,568	2,669	2,206
48	25	95 710	29 255,647	624 953,410	21,362	20,899	98	75	1 396	124,128	314,863	2,537	2,074
49	26	95 382	28 444,294	595 697,762	20,943	20,480	99	76	910	78,980	190,735	2,415	1,953
							100	77	573	48,535	111,756	2,303	1,840

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	26	95 040	27 651,078	567 994,653	20,542	20,079
1							51	27	94 637	26 862,375	540 343,575	20,115	19,653
2							52	28	94 164	26 076,200	513 481,201	19,692	19,229
3							53	29	93 669	25 306,441	487 405,000	19,260	18,798
4							54	30	93 125	24 545,888	462 098,560	18,826	18,363
5							55	31	92 522	23 792,169	437 552,672	18,391	17,928
6							56	32	91 869	23 047,855	413 760,503	17,952	17,490
7							57	33	91 167	22 313,897	390 712,648	17,510	17,047
8							58	34	90 400	21 586,619	368 398,752	17,066	16,604
9							59	35	89 567	20 866,041	346 812,132	16,621	16,158
10							60	36	88 677	20 154,825	325 946,091	16,172	15,710
11							61	37	87 714	19 449,659	305 791,266	15,722	15,260
12							62	38	86 688	18 753,402	286 341,607	15,269	14,806
13							63	39	85 601	18 066,596	267 588,206	14,811	14,349
14							64	40	84 463	17 391,581	249 521,610	14,347	13,885
15							65	41	83 214	16 716,411	232 130,028	13,886	13,424
16							66	42	81 895	16 050,228	215 413,618	13,421	12,959
17							67	43	80 468	15 386,039	199 363,390	12,957	12,495
18							68	44	78 949	14 727,280	183 977,351	12,492	12,030
19							69	45	77 350	14 077,123	169 250,071	12,023	11,561
20							70	46	75 634	13 429,091	155 172,948	11,555	11,093
21							71	47	73 808	12 785,212	141 743,857	11,087	10,624
22							72	48	71 850	12 142,553	128 958,646	10,620	10,158
23							73	49	69 779	11 504,874	116 816,092	10,154	9,691
24	0	99 050	54 762,125	1 617 477,517	29,536	29,074	74	50	67 557	10 866,820	105 311,218	9,691	9,229
25	1	98 682	53 228,225	1 562 715,392	29,359	28,896	75	51	65 125	10 220,155	94 444,399	9,241	8,779
26	2	98 602	51 887,746	1 509 487,167	29,091	28,629	76	52	62 533	9 574,114	84 224,244	8,797	8,335
27	3	98 530	50 585,243	1 457 599,421	28,815	28,352	77	53	59 766	8 927,288	74 650,130	8,362	7,900
28	4	98 457	49 314,708	1 407 014,179	28,531	28,069	78	54	56 801	8 277,454	65 722,841	7,940	7,478
29	5	98 386	48 077,268	1 357 699,471	28,240	27,778	79	55	53 629	7 624,602	57 445,388	7,534	7,072
30	6	98 311	46 869,070	1 309 622,202	27,942	27,480	80	56	50 294	6 976,037	49 820,785	7,142	6,679
31	7	98 240	45 692,683	1 262 753,132	27,636	27,173	81	57	46 845	6 339,145	42 844,748	6,759	6,296
32	8	98 161	44 542,586	1 217 060,449	27,324	26,861	82	58	43 259	5 711,054	36 505,603	6,392	5,930
33	9	98 082	43 421,039	1 172 517,863	27,003	26,541	83	59	39 608	5 101,580	30 794,550	6,036	5,574
34	10	98 000	42 326,733	1 129 096,824	26,676	26,213	84	60	35 956	4 518,203	25 692,969	5,687	5,224
35	11	97 915	41 258,691	1 086 770,091	26,340	25,878	85	61	32 251	3 953,752	21 174,766	5,356	4,893
36	12	97 825	40 215,354	1 045 511,400	25,998	25,535	86	62	28 582	3 418,521	17 221,014	5,038	4,575
37	13	97 731	39 196,777	1 005 296,045	25,647	25,185	87	63	24 967	2 913,389	13 802,494	4,738	4,275
38	14	97 630	38 201,049	966 099,269	25,290	24,827	88	64	21 445	2 441,353	10 889,105	4,460	3,998
39	15	97 512	37 224,316	927 898,219	24,927	24,465	89	65	18 130	2 013,655	8 447,752	4,195	3,733
40	16	97 388	36 270,152	890 673,904	24,557	24,094	90	66	14 980	1 623,161	6 434,097	3,964	3,502
41	17	97 248	35 334,682	854 403,752	24,180	23,718	91	67	12 238	1 293,707	4 810,937	3,719	3,256
42	18	97 099	34 420,124	819 069,070	23,796	23,334	92	68	9 703	1 000,726	3 517,230	3,515	3,052
43	19	96 928	33 521,592	784 648,946	23,407	22,945	93	69	7 530	757,661	2 516,504	3,321	2,859
44	20	96 736	32 638,932	751 127,354	23,013	22,551	94	70	5 702	559,715	1 758,843	3,142	2,680
45	21	96 522	31 772,457	718 488,422	22,614	22,151	95	71	4 207	402,883	1 199,128	2,976	2,514
46	22	96 288	30 922,387	686 715,965	22,208	21,745	96	72	3 019	282,098	796,245	2,823	2,360
47	23	96 028	30 086,810	655 793,578	21,797	21,334	97	73	2 104	191,824	514,147	2,680	2,218
48	24	95 729	29 261,562	625 706,768	21,383	20,921	98	74	1 422	126,481	322,323	2,548	2,086
49	25	95 403	28 450,553	596 445,206	20,964	20,502	99	75	930	80,712	195,842	2,426	1,964
							100	76	588	49,754	115,131	2,314	1,852

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	25	95 061	27 657,162	568 673,282	20,562	20,099
1							51	26	94 660	26 868,734	541 016,121	20,136	19,673
2							52	27	94 189	26 083,208	514 147,387	19,712	19,249
3							53	28	93 693	25 312,841	488 064,180	19,281	18,819
4							54	29	93 152	24 552,932	462 751,338	18,847	18,385
5							55	30	92 549	23 798,905	438 198,406	18,413	17,950
6							56	31	91 896	23 054,818	414 399,501	17,975	17,512
7							57	32	91 199	22 321,809	391 344,683	17,532	17,070
8							58	33	90 433	21 594,515	369 022,874	17,089	16,626
9							59	34	89 605	20 874,908	347 428,359	16,643	16,181
10							60	35	88 712	20 162,845	326 553,451	16,196	15,733
11							61	36	87 755	19 458,906	306 390,606	15,746	15,283
12							62	37	86 734	18 763,416	286 931,700	15,292	14,830
13							63	38	85 649	18 076,659	268 168,284	14,835	14,373
14							64	39	84 519	17 403,094	250 091,625	14,371	13,908
15							65	40	83 272	16 728,225	232 688,530	13,910	13,448
16							66	41	81 960	16 063,102	215 960,306	13,444	12,982
17							67	42	80 540	15 399,746	199 897,203	12,981	12,518
18							68	43	79 030	14 742,375	184 497,458	12,515	12,052
19							69	44	77 437	14 092,952	169 755,082	12,045	11,583
20							70	45	75 730	13 446,157	155 662,131	11,577	11,114
21							71	46	73 912	12 803,253	142 215,974	11,108	10,645
22							72	47	71 968	12 162,440	129 412,721	10,640	10,178
23							73	48	69 903	11 525,255	117 250,280	10,173	9,711
24							74	49	67 696	10 889,226	105 725,025	9,709	9,247
25	0	98 994	53 396,568	1 563 692,905	29,285	28,822	75	50	65 269	10 242,720	94 835,799	9,259	8,796
26	1	98 628	51 901,446	1 510 296,337	29,099	28,637	76	51	62 687	9 597,597	84 593,079	8,814	8,352
27	2	98 545	50 592,778	1 458 394,891	28,826	28,364	77	52	59 931	8 951,865	74 995,482	8,378	7,915
28	3	98 468	49 320,219	1 407 802,113	28,544	28,082	78	53	56 973	8 302,415	66 043,618	7,955	7,492
29	4	98 397	48 082,999	1 358 481,894	28,253	27,790	79	54	53 801	7 649,012	57 741,202	7,549	7,086
30	5	98 321	46 873,808	1 310 398,895	27,956	27,493	80	55	50 473	7 000,842	50 092,190	7,155	6,693
31	6	98 248	45 696,663	1 263 525,087	27,650	27,188	81	56	47 022	6 363,148	43 091,348	6,772	6,310
32	7	98 169	44 546,409	1 217 828,425	27,338	26,876	82	57	43 432	5 733,970	36 728,200	6,405	5,943
33	8	98 089	43 424,237	1 173 282,015	27,019	26,557	83	58	39 784	5 124,190	30 994,230	6,049	5,586
34	9	98 007	42 329,653	1 129 857,778	26,692	26,229	84	59	36 127	4 539,640	25 870,040	5,699	5,236
35	10	97 922	41 261,620	1 087 528,125	26,357	25,894	85	60	32 425	3 975,175	21 330,401	5,366	4,903
36	11	97 833	40 218,570	1 046 266,505	26,015	25,552	86	61	28 747	3 438,280	17 355,225	5,048	4,585
37	12	97 739	39 199,932	1 006 047,935	25,665	25,202	87	62	25 126	2 931,882	13 916,946	4,747	4,284
38	13	97 638	38 204,472	966 848,003	25,307	24,845	88	63	21 591	2 457,914	10 985,064	4,469	4,007
39	14	97 522	37 228,351	928 643,531	24,945	24,482	89	64	18 265	2 028,563	8 527,150	4,204	3,741
40	15	97 400	36 274,715	891 415,180	24,574	24,112	90	65	15 098	1 635,937	6 498,587	3,972	3,510
41	16	97 263	35 340,119	855 140,466	24,197	23,735	91	66	12 344	1 304,869	4 862,649	3,727	3,264
42	17	97 115	34 425,649	819 800,346	23,814	23,351	92	67	9 793	1 009,949	3 557,781	3,523	3,060
43	18	96 951	33 529,251	785 374,697	23,424	22,961	93	68	7 604	765,091	2 547,831	3,330	2,868
44	19	96 756	32 645,675	751 845,447	23,030	22,568	94	69	5 763	565,724	1 782,741	3,151	2,689
45	20	96 543	31 779,511	719 199,772	22,631	22,169	95	70	4 256	407,613	1 217,017	2,986	2,523
46	21	96 308	30 928,860	687 420,261	22,226	21,763	96	71	3 059	285,778	809,404	2,832	2,370
47	22	96 050	30 093,561	656 491,400	21,815	21,353	97	72	2 135	194,642	523,626	2,690	2,228
48	23	95 751	29 268,252	626 397,840	21,402	20,940	98	73	1 446	128,572	328,984	2,559	2,096
49	24	95 422	28 456,305	597 129,587	20,984	20,522	99	74	948	82,242	200,412	2,437	1,974
							100	75	601	50,845	118,170	2,324	1,862

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	0	100 000	100 000,000	3 167 166,437	31,672	31,209	50	50	93 336	24 041,162	438 371,576	18,234	17,771
1	1	99 299	96 641,527	3 067 166,437	31,738	31,275	51	51	92 757	23 252,777	414 330,413	17,819	17,356
2	2	99 240	93 999,419	2 970 524,910	31,602	31,139	52	52	92 093	22 468,264	391 077,637	17,406	16,943
3	3	99 207	91 452,729	2 876 525,491	31,454	30,991	53	53	91 380	21 697,725	368 609,372	16,988	16,526
4	4	99 182	88 982,769	2 785 072,762	31,299	30,836	54	54	90 602	20 937,309	346 911,647	16,569	16,106
5	5	99 157	86 579,415	2 696 089,993	31,140	30,677	55	55	89 754	20 186,126	325 974,338	16,148	15,686
6	6	99 136	84 244,585	2 609 510,578	30,975	30,513	56	56	88 831	19 443,801	305 788,212	15,727	15,264
7	7	99 117	81 974,061	2 525 265,993	30,806	30,343	57	57	87 851	18 714,608	286 344,411	15,301	14,838
8	8	99 101	79 766,688	2 443 291,932	30,630	30,168	58	58	86 796	17 994,991	267 629,804	14,872	14,410
9	9	99 085	77 619,630	2 363 525,244	30,450	29,987	59	59	85 653	17 282,762	249 634,812	14,444	13,981
10	10	99 070	75 531,076	2 285 905,614	30,264	29,802	60	60	84 435	16 581,023	232 352,051	14,013	13,550
11	11	99 055	73 497,777	2 210 374,538	30,074	29,611	61	61	83 107	15 883,487	215 771,028	13,585	13,122
12	12	99 038	71 518,825	2 136 876,761	29,879	29,416	62	62	81 707	15 197,943	199 887,541	13,152	12,689
13	13	99 019	69 591,347	2 065 357,936	29,678	29,216	63	63	80 218	14 521,682	184 689,598	12,718	12,255
14	14	98 999	67 715,228	1 995 766,589	29,473	29,010	64	64	78 670	13 860,311	170 167,916	12,277	11,815
15	15	98 974	65 885,865	1 928 051,361	29,264	28,801	65	65	76 991	13 201,467	156 307,604	11,840	11,377
16	16	98 944	64 103,016	1 862 165,496	29,050	28,587	66	66	75 240	12 555,833	143 106,137	11,398	10,935
17	17	98 903	62 361,565	1 798 062,480	28,833	28,370	67	67	73 362	11 914,858	130 550,304	10,957	10,494
18	18	98 853	60 662,222	1 735 700,915	28,613	28,150	68	68	71 392	11 284,227	118 635,446	10,513	10,050
19	19	98 783	58 996,755	1 675 038,693	28,392	27,929	69	69	69 345	10 667,700	107 350,819	10,063	9,600
20	20	98 714	57 377,854	1 616 041,938	28,165	27,702	70	70	67 172	10 056,794	96 683,119	9,614	9,151
21	21	98 639	55 799,767	1 558 664,084	27,933	27,470	71	71	64 881	9 453,790	86 626,325	9,163	8,700
22	22	98 566	54 265,636	1 502 864,316	27,695	27,232	72	72	62 449	8 855,885	77 172,534	8,714	8,251
23	23	98 491	52 773,366	1 448 598,680	27,449	26,987	73	73	59 876	8 263,823	68 316,649	8,267	7,804
24	24	98 417	51 322,355	1 395 825,314	27,197	26,734	74	74	57 144	7 675,700	60 052,826	7,824	7,361
25	25	98 342	49 910,724	1 344 502,959	26,938	26,475	75	75	54 182	7 082,973	52 377,126	7,395	6,932
26	26	98 266	48 537,548	1 294 592,235	26,672	26,209	76	76	51 034	6 492,951	45 294,153	6,976	6,513
27	27	98 186	47 199,869	1 246 054,688	26,400	25,937	77	77	47 712	5 907,851	38 801,202	6,568	6,105
28	28	98 098	45 895,203	1 198 854,819	26,122	25,659	78	78	44 221	5 329,006	32 893,351	6,173	5,710
29	29	98 014	44 628,735	1 152 959,616	25,834	25,372	79	79	40 542	4 754,902	27 564,345	5,797	5,334
30	30	97 921	43 393,276	1 108 330,881	25,542	25,079	80	80	36 771	4 197,163	22 809,443	5,434	4,972
31	31	97 831	42 192,929	1 064 937,606	25,240	24,777	81	81	32 943	3 659,594	18 612,280	5,086	4,623
32	32	97 732	41 021,976	1 022 744,676	24,932	24,469	82	82	29 089	3 145,020	14 952,686	4,754	4,292
33	33	97 625	39 880,574	981 722,700	24,617	24,154	83	83	25 277	2 659,745	11 807,666	4,439	3,977
34	34	97 515	38 769,403	941 842,126	24,293	23,831	84	84	21 610	2 212,951	9 147,921	4,134	3,671
35	35	97 396	37 685,836	903 072,723	23,963	23,500	85	85	18 078	1 801,792	6 934,970	3,849	3,386
36	36	97 276	36 631,828	865 386,887	23,624	23,161	86	86	14 781	1 433,719	5 133,178	3,580	3,118
37	37	97 144	35 603,083	828 755,060	23,278	22,815	87	87	11 769	1 111,055	3 699,459	3,330	2,867
38	38	97 000	34 598,849	793 151,976	22,924	22,461	88	88	9 075	833,813	2 588,404	3,104	2,641
39	39	96 839	33 617,108	758 553,127	22,564	22,102	89	89	6 784	606,626	1 754,590	2,892	2,430
40	40	96 664	32 658,201	724 936,019	22,198	21,735	90	90	4 850	422,062	1 147,964	2,720	2,257
41	41	96 472	31 720,945	692 277,818	21,824	21,361	91	91	3 378	286,079	725,901	2,537	2,075
42	42	96 263	30 804,976	660 556,873	21,443	20,980	92	92	2 223	183,202	439,823	2,401	1,938
43	43	96 030	29 908,016	629 751,897	21,056	20,593	93	93	1 412	113,284	256,621	2,265	1,802
44	44	95 760	29 025,902	599 843,881	20,666	20,203	94	94	857	66,892	143,337	2,143	1,680
45	45	95 463	28 161,188	570 817,979	20,270	19,807	95	95	495	37,619	76,445	2,032	1,569
46	46	95 130	27 312,066	542 656,791	19,869	19,406	96	96	272	20,096	38,826	1,932	1,469
47	47	94 761	26 477,975	515 344,725	19,463	19,000	97	97	141	10,171	18,730	1,842	1,379
48	48	94 333	25 652,916	488 866,750	19,057	18,594	98	98	69	4,864	8,559	1,760	1,297
49	49	93 864	24 842,258	463 213,834	18,646	18,183	99	99	32	2,192	3,695	1,686	1,223
							100	100	14	0,929	1,503	1,619	1,156

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	1	99 685	99 684,731	3 161 219,970	31,712	31,249	50	51	93 130	23 988,200	433 555,068	18,074	17,611
1	2	99 273	96 616,017	3 061 535,238	31,688	31,225	51	52	92 530	23 195,882	409 566,868	17,657	17,194
2	3	99 226	93 985,419	2 964 919,221	31,547	31,084	52	53	91 840	22 406,581	386 370,986	17,244	16,781
3	4	99 196	91 442,511	2 870 933,803	31,396	30,933	53	54	91 105	21 632,490	363 964,405	16,825	16,362
4	5	99 170	88 972,164	2 779 491,292	31,240	30,777	54	55	90 313	20 870,493	342 331,915	16,403	15,940
5	6	99 147	86 570,664	2 690 519,128	31,079	30,616	55	56	89 436	20 114,603	321 461,422	15,981	15,519
6	7	99 128	84 237,248	2 603 948,464	30,912	30,449	56	57	88 496	19 370,455	301 346,819	15,557	15,094
7	8	99 109	81 967,026	2 519 711,216	30,741	30,278	57	58	87 500	18 639,814	281 976,364	15,128	14,665
8	9	99 093	79 760,814	2 437 744,190	30,563	30,100	58	59	86 413	17 915,592	263 336,550	14,699	14,236
9	10	99 078	77 614,276	2 357 983,376	30,381	29,918	59	60	85 248	17 201,152	245 420,958	14,268	13,805
10	11	99 063	75 525,715	2 280 369,101	30,193	29,730	60	61	83 980	16 491,662	228 219,806	13,838	13,376
11	12	99 047	73 491,899	2 204 843,385	30,001	29,538	61	62	82 629	15 792,209	211 728,145	13,407	12,944
12	13	99 030	71 513,068	2 131 351,486	29,804	29,341	62	63	81 191	15 102,080	195 935,936	12,974	12,511
13	14	99 010	69 585,114	2 059 838,419	29,602	29,139	63	64	79 678	14 423,837	180 833,855	12,537	12,074
14	15	98 989	67 707,889	1 990 253,305	29,395	28,932	64	65	78 092	13 758,446	166 410,019	12,095	11,632
15	16	98 961	65 877,577	1 922 545,416	29,184	28,721	65	66	76 390	13 098,366	152 651,572	11,654	11,191
16	17	98 928	64 093,152	1 856 667,839	28,968	28,505	66	67	74 596	12 448,427	139 553,207	11,211	10,748
17	18	98 887	62 351,557	1 792 574,687	28,749	28,287	67	68	72 692	11 806,048	127 104,779	10,766	10,303
18	19	98 831	60 648,367	1 730 223,130	28,529	28,066	68	69	70 699	11 175,046	115 298,732	10,318	9,855
19	20	98 763	58 984,570	1 669 574,763	28,305	27,842	69	70	68 609	10 554,393	104 123,685	9,865	9,403
20	21	98 693	57 365,117	1 610 590,193	28,076	27,613	70	71	66 392	9 940,088	93 569,292	9,413	8,951
21	22	98 619	55 788,089	1 553 225,076	27,842	27,379	71	72	64 045	9 332,052	83 629,205	8,962	8,499
22	23	98 543	54 253,462	1 497 436,987	27,601	27,138	72	73	61 545	8 727,672	74 297,153	8,513	8,050
23	24	98 469	52 761,303	1 443 183,525	27,353	26,890	73	74	58 903	8 129,443	65 569,480	8,066	7,603
24	25	98 397	51 311,981	1 390 422,222	27,097	26,635	74	75	56 081	7 532,874	57 440,037	7,625	7,162
25	26	98 321	49 899,745	1 339 110,241	26,836	26,373	75	76	53 019	6 930,987	49 907,163	7,201	6,738
26	27	98 243	48 526,060	1 289 210,496	26,567	26,105	76	77	49 784	6 333,921	42 976,176	6,785	6,322
27	28	98 160	47 187,189	1 240 684,436	26,293	25,830	77	78	46 390	5 744,064	36 642,255	6,379	5,916
28	29	98 073	45 883,597	1 193 497,247	26,011	25,549	78	79	42 803	5 158,114	30 898,191	5,990	5,527
29	30	97 986	44 615,930	1 147 613,650	25,722	25,259	79	80	39 070	4 582,271	25 740,078	5,617	5,154
30	31	97 894	43 380,994	1 102 997,720	25,426	24,963	80	81	35 235	4 021,866	21 157,807	5,261	4,798
31	32	97 801	42 180,186	1 059 616,726	25,121	24,658	81	82	31 375	3 485,433	17 135,941	4,916	4,454
32	33	97 697	41 007,434	1 017 436,540	24,811	24,348	82	83	27 485	2 971,590	13 650,508	4,594	4,131
33	34	97 589	39 865,992	976 429,105	24,493	24,030	83	84	23 692	2 492,948	10 678,918	4,284	3,821
34	35	97 474	38 752,935	936 563,113	24,168	23,705	84	85	20 047	2 052,920	8 185,970	3,987	3,525
35	36	97 358	37 670,846	897 810,178	23,833	23,370	85	86	16 582	1 652,685	6 133,050	3,711	3,248
36	37	97 230	36 614,420	860 139,332	23,492	23,029	86	87	13 388	1 298,630	4 480,365	3,450	2,987
37	38	97 092	35 584,083	823 524,912	23,143	22,680	87	88	10 495	990,737	3 181,735	3,211	2,749
38	39	96 946	34 579,587	787 940,830	22,786	22,323	88	89	7 966	731,849	2 190,997	2,994	2,531
39	40	96 775	33 594,869	753 361,242	22,425	21,962	89	90	5 824	520,779	1 459,149	2,802	2,339
40	41	96 596	32 635,137	719 766,374	22,055	21,592	90	91	4 099	356,729	938,370	2,630	2,168
41	42	96 395	31 695,521	687 131,237	21,679	21,216	91	92	2 778	235,247	581,641	2,472	2,010
42	43	96 177	30 777,557	655 435,716	21,296	20,833	92	93	1 802	148,535	346,395	2,332	1,869
43	44	95 932	29 877,392	624 658,159	20,907	20,445	93	94	1 119	89,806	197,860	2,203	1,740
44	45	95 653	28 993,301	594 780,767	20,514	20,052	94	95	663	51,782	108,054	2,087	1,624
45	46	95 341	28 125,445	565 787,466	20,117	19,654	95	96	374	28,400	56,272	1,981	1,519
46	47	94 996	27 273,581	537 662,021	19,714	19,251	96	97	200	14,777	27,871	1,886	1,423
47	48	94 606	26 434,680	510 388,440	19,308	18,845	97	98	101	7,274	13,095	1,800	1,337
48	49	94 166	25 607,551	483 953,760	18,899	18,436	98	99	48	3,379	5,820	1,722	1,259
49	50	93 671	24 791,142	458 346,209	18,488	18,025	99	100	22	1,478	2,441	1,652	1,189

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	2	99 658	99 658,418	3 155 154,877	31,660	31,197	50	52	92 902	23 929,505	428 382,808	17,902	17,439
1	3	99 258	96 601,627	3 055 496,459	31,630	31,167	51	53	92 276	23 132,201	404 453,302	17,484	17,022
2	4	99 215	93 974,917	2 958 894,832	31,486	31,023	52	54	91 564	22 339,214	381 321,101	17,070	16,607
3	5	99 184	91 431,613	2 864 919,914	31,334	30,871	53	55	90 815	21 563,456	358 981,887	16,648	16,185
4	6	99 160	88 963,171	2 773 488,302	31,176	30,713	54	56	89 993	20 796,546	337 418,431	16,225	15,762
5	7	99 138	86 563,125	2 684 525,131	31,012	30,550	55	57	89 099	20 038,727	316 621,885	15,800	15,338
6	8	99 119	84 230,018	2 597 962,006	30,844	30,381	56	58	88 142	19 293,040	296 583,159	15,373	14,910
7	9	99 101	81 960,989	2 513 731,988	30,670	30,207	57	59	87 113	18 557,569	277 290,119	14,942	14,479
8	10	99 086	79 755,312	2 431 770,999	30,490	30,028	58	60	86 005	17 830,994	258 732,550	14,510	14,047
9	11	99 071	77 608,767	2 352 015,687	30,306	29,843	59	61	84 789	17 108,449	240 901,556	14,081	13,618
10	12	99 055	75 519,676	2 274 406,920	30,117	29,654	60	62	83 497	16 396,889	223 793,107	13,649	13,186
11	13	99 039	73 485,983	2 198 887,244	29,923	29,460	61	63	82 108	15 692,597	207 396,218	13,216	12,753
12	14	99 021	71 506,662	2 125 401,261	29,723	29,260	62	64	80 644	15 000,325	191 703,621	12,780	12,317
13	15	99 000	69 577,571	2 053 894,599	29,519	29,057	63	65	79 092	14 317,830	176 703,296	12,341	11,879
14	16	98 976	67 699,372	1 984 317,028	29,311	28,848	64	66	77 482	13 650,995	162 385,466	11,896	11,433
15	17	98 946	65 867,440	1 916 617,656	29,098	28,635	65	67	75 736	12 986,319	148 734,472	11,453	10,990
16	18	98 913	64 082,867	1 850 750,216	28,881	28,418	66	68	73 915	12 334,744	135 748,153	11,005	10,543
17	19	98 864	62 337,316	1 786 667,348	28,661	28,198	67	69	71 986	11 691,404	123 413,408	10,556	10,093
18	20	98 810	60 635,840	1 724 330,033	28,437	27,975	68	70	69 948	11 056,350	111 722,005	10,105	9,642
19	21	98 741	58 971,476	1 663 694,193	28,212	27,749	69	71	67 813	10 431,912	100 665,654	9,650	9,187
20	22	98 672	57 353,111	1 604 722,717	27,980	27,517	70	72	65 537	9 812,087	90 233,742	9,196	8,733
21	23	98 597	55 775,574	1 547 369,606	27,743	27,280	71	73	63 118	9 196,945	80 421,655	8,744	8,282
22	24	98 521	54 241,061	1 491 594,032	27,499	27,037	72	74	60 544	8 585,750	71 224,710	8,296	7,833
23	25	98 449	52 750,638	1 437 352,970	27,248	26,785	73	75	57 807	7 978,174	62 638,960	7,851	7,388
24	26	98 376	51 300,693	1 384 602,333	26,990	26,527	74	76	54 878	7 371,234	54 660,785	7,415	6,953
25	27	98 297	49 887,935	1 333 301,639	26,726	26,263	75	77	51 721	6 761,227	47 289,551	6,994	6,531
26	28	98 217	48 513,024	1 283 413,704	26,455	25,992	76	78	48 404	6 158,321	40 528,324	6,581	6,118
27	29	98 135	47 175,256	1 234 900,680	26,177	25,714	77	79	44 902	5 559,862	34 370,003	6,182	5,719
28	30	98 045	45 870,432	1 187 725,424	25,893	25,430	78	80	41 249	4 970,844	28 810,141	5,796	5,333
29	31	97 958	44 603,302	1 141 854,992	25,600	25,137	79	81	37 438	4 390,889	23 839,297	5,429	4,966
30	32	97 864	43 367,892	1 097 251,690	25,301	24,838	80	82	33 558	3 830,464	19 448,408	5,077	4,614
31	33	97 767	42 165,234	1 053 883,797	24,994	24,531	81	83	29 645	3 293,231	15 617,944	4,742	4,280
32	34	97 661	40 992,441	1 011 718,563	24,681	24,218	82	84	25 762	2 785,237	12 324,713	4,425	3,962
33	35	97 548	39 849,058	970 726,122	24,360	23,897	83	85	21 979	2 312,668	9 539,476	4,125	3,662
34	36	97 435	38 737,520	930 877,064	24,030	23,568	84	86	18 388	1 883,032	7 226,807	3,838	3,375
35	37	97 311	37 652,945	892 139,544	23,694	23,231	85	87	15 020	1 496,965	5 343,776	3,570	3,107
36	38	97 178	36 594,879	854 486,599	23,350	22,887	86	88	11 938	1 157,999	3 846,811	3,322	2,859
37	39	97 038	35 564,272	817 891,720	22,998	22,535	87	89	9 211	869,583	2 688,812	3,092	2,629
38	40	96 882	34 556,711	782 327,447	22,639	22,176	88	90	6 838	628,280	1 819,229	2,896	2,433
39	41	96 707	33 571,143	747 770,736	22,274	21,811	89	91	4 923	440,164	1 190,949	2,706	2,243
40	42	96 518	32 608,980	714 199,593	21,902	21,439	90	92	3 371	293,343	750,785	2,559	2,097
41	43	96 309	31 667,309	681 590,613	21,523	21,061	91	93	2 252	190,732	457,442	2,398	1,936
42	44	96 078	30 746,043	649 923,304	21,138	20,676	92	94	1 429	117,751	266,710	2,265	1,802
43	45	95 824	29 843,835	619 177,261	20,747	20,284	93	95	867	69,520	148,959	2,143	1,680
44	46	95 532	28 956,502	589 333,426	20,352	19,890	94	96	501	39,093	79,439	2,032	1,569
45	47	95 207	28 085,813	560 376,924	19,952	19,489	95	97	275	20,882	40,346	1,932	1,469
46	48	94 841	27 228,985	532 291,111	19,549	19,086	96	98	143	10,569	19,464	1,842	1,379
47	49	94 439	26 387,932	505 062,126	19,140	18,677	97	99	70	5,054	8,895	1,760	1,297
48	50	93 973	25 554,859	478 674,194	18,731	18,268	98	100	33	2,278	3,841	1,686	1,223
49	51	93 465	24 736,527	453 119,335	18,318	17,855							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	3	99 644	99 643,575	3 148 663,071	31,599	31,136	50	53	92 647	23 863,810	422 843,060	17,719	17,256
1	4	99 247	96 590,833	3 049 019,496	31,566	31,104	51	54	91 999	23 062,653	398 979,250	17,300	16,837
2	5	99 203	93 963,717	2 952 428,663	31,421	30,958	52	55	91 271	22 267,925	375 916,597	16,882	16,419
3	6	99 174	91 422,371	2 858 464,945	31,267	30,804	53	56	90 493	21 487,053	353 648,672	16,459	15,996
4	7	99 152	88 955,423	2 767 042,574	31,106	30,643	54	57	89 654	20 718,097	332 161,619	16,032	15,570
5	8	99 130	86 555,695	2 678 087,151	30,941	30,478	55	58	88 742	19 958,641	311 443,522	15,604	15,142
6	9	99 112	84 223,815	2 591 531,456	30,770	30,307	56	59	87 753	19 207,913	291 484,881	15,175	14,712
7	10	99 095	81 955,335	2 507 307,640	30,594	30,131	57	60	86 702	18 469,940	272 276,969	14,742	14,279
8	11	99 079	79 749,651	2 425 352,305	30,412	29,949	58	61	85 541	17 734,896	253 807,029	14,311	13,848
9	12	99 063	77 602,561	2 345 602,654	30,226	29,763	59	62	84 302	17 010,132	236 072,133	13,878	13,416
10	13	99 047	75 513,596	2 268 000,093	30,034	29,572	60	63	82 970	16 293,463	219 062,001	13,445	12,982
11	14	99 030	73 479,401	2 192 486,496	29,838	29,375	61	64	81 555	15 586,863	202 768,538	13,009	12,546
12	15	99 011	71 498,911	2 119 007,096	29,637	29,174	62	65	80 052	14 890,081	187 181,675	12,571	12,108
13	16	98 987	69 568,819	2 047 508,184	29,431	28,969	63	66	78 474	14 206,010	172 291,594	12,128	11,665
14	17	98 961	67 688,955	1 977 939,365	29,221	28,758	64	67	76 819	13 534,220	158 085,584	11,680	11,218
15	18	98 930	65 856,870	1 910 250,411	29,006	28,543	65	68	75 045	12 867,724	144 551,364	11,234	10,771
16	19	98 890	64 068,230	1 844 393,540	28,788	28,325	66	69	73 197	12 214,966	131 683,640	10,781	10,318
17	20	98 844	62 324,440	1 780 325,310	28,565	28,103	67	70	71 222	11 567,223	119 468,674	10,328	9,865
18	21	98 788	60 622,380	1 718 000,870	28,339	27,877	68	71	69 136	10 928,045	107 901,450	9,874	9,411
19	22	98 720	58 959,134	1 657 378,490	28,111	27,648	69	72	66 939	10 297,578	96 973,406	9,417	8,954
20	23	98 650	57 340,245	1 598 419,356	27,876	27,413	70	73	64 589	9 670,031	86 675,828	8,963	8,501
21	24	98 574	55 762,825	1 541 079,111	27,636	27,173	71	74	62 092	9 047,392	77 005,797	8,511	8,049
22	25	98 501	54 230,097	1 485 316,286	27,389	26,926	72	75	59 417	8 425,990	67 958,405	8,065	7,603
23	26	98 427	52 739,034	1 431 086,189	27,135	26,672	73	76	56 566	7 806,979	59 532,415	7,626	7,163
24	27	98 352	51 288,552	1 378 347,156	26,874	26,412	74	77	53 534	7 190,692	51 725,436	7,193	6,731
25	28	98 271	49 874,533	1 327 058,603	26,608	26,145	75	78	50 287	6 573,781	44 534,744	6,775	6,312
26	29	98 192	48 500,756	1 277 184,071	26,333	25,870	76	79	46 852	5 960,834	37 960,962	6,368	5,906
27	30	98 107	47 161,721	1 228 683,314	26,053	25,590	77	80	43 272	5 358,006	32 000,128	5,972	5,510
28	31	98 017	45 857,450	1 181 521,594	25,765	25,302	78	81	39 526	4 763,233	26 642,122	5,593	5,130
29	32	97 928	44 589,831	1 135 664,144	25,469	25,006	79	82	35 657	4 181,925	21 878,889	5,232	4,769
30	33	97 829	43 352,519	1 091 074,313	25,167	24,705	80	83	31 708	3 619,236	17 696,963	4,890	4,427
31	34	97 731	42 149,817	1 047 721,794	24,857	24,394	81	84	27 786	3 086,707	14 077,727	4,561	4,098
32	35	97 620	40 975,028	1 005 571,977	24,541	24,078	82	85	23 899	2 583,821	10 991,020	4,254	3,791
33	36	97 509	39 833,208	964 596,948	24,216	23,753	83	86	20 160	2 121,284	8 407,200	3,963	3,500
34	37	97 388	38 719,112	924 763,740	23,884	23,421	84	87	16 655	1 705,607	6 285,915	3,685	3,223
35	38	97 259	37 632,850	886 044,629	23,544	23,082	85	88	13 393	1 334,856	4 580,308	3,431	2,968
36	39	97 124	36 574,506	848 411,779	23,197	22,734	86	89	10 478	1 016,391	3 245,452	3,193	2,730
37	40	96 974	35 540,745	811 837,272	22,842	22,380	87	90	7 908	746,522	2 229,061	2,986	2,523
38	41	96 813	34 532,306	776 296,528	22,480	22,017	88	91	5 780	531,025	1 482,539	2,792	2,329
39	42	96 629	33 544,236	741 764,221	22,113	21,650	89	92	4 048	361,953	951,514	2,629	2,166
40	43	96 433	32 579,955	708 219,985	21,738	21,275	90	93	2 733	237,835	589,561	2,479	2,016
41	44	96 210	31 634,884	675 640,030	21,357	20,895	91	94	1 785	151,202	351,726	2,326	1,863
42	45	95 971	30 711,510	644 005,146	20,970	20,507	92	95	1 106	91,153	200,524	2,200	1,737
43	46	95 702	29 805,956	613 293,636	20,576	20,113	93	96	654	52,484	109,371	2,084	1,621
44	47	95 397	28 915,699	583 487,680	20,179	19,716	94	97	368	28,745	56,887	1,979	1,516
45	48	95 051	28 039,890	554 571,981	19,778	19,315	95	98	197	14,936	28,142	1,884	1,421
46	49	94 673	27 180,833	526 532,091	19,371	18,909	96	99	99	7,343	13,206	1,798	1,336
47	50	94 245	26 333,635	499 351,259	18,962	18,500	97	100	47	3,407	5,863	1,721	1,258
48	51	93 766	25 498,562	473 017,624	18,551	18,088							
49	52	93 236	24 676,002	447 519,062	18,136	17,673							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	4	99 632	99 632,441	3 141 714,693	31,533	31,070	50	54	92 368	23 792,062	416 926,702	17,524	17,061
1	5	99 235	96 579,322	3 042 082,252	31,498	31,035	51	55	91 705	22 989,055	393 134,640	17,101	16,638
2	6	99 193	93 954,220	2 945 502,930	31,350	30,888	52	56	90 948	22 189,026	370 145,585	16,681	16,219
3	7	99 165	91 414,409	2 851 548,710	31,194	30,731	53	57	90 151	21 406,000	347 956,559	16,255	15,792
4	8	99 143	88 947,789	2 760 134,301	31,031	30,568	54	58	89 295	20 635,295	326 550,559	15,825	15,362
5	9	99 123	86 549,321	2 671 186,512	30,863	30,400	55	59	88 351	19 870,577	305 915,263	15,395	14,933
6	10	99 105	84 218,005	2 584 637,191	30,690	30,227	56	60	87 339	19 117,212	286 044,686	14,963	14,500
7	11	99 088	81 949,519	2 500 419,186	30,512	30,049	57	61	86 235	18 370,399	266 927,474	14,530	14,067
8	12	99 071	79 743,274	2 418 469,667	30,328	29,865	58	62	85 050	17 632,979	248 557,075	14,096	13,633
9	13	99 055	77 596,314	2 338 726,393	30,140	29,677	59	63	83 770	16 902,838	230 924,096	13,662	13,199
10	14	99 039	75 506,832	2 261 130,079	29,946	29,483	60	64	82 411	16 183,680	214 021,258	13,225	12,762
11	15	99 019	73 471,436	2 185 623,247	29,748	29,285	61	65	80 956	15 472,309	197 837,578	12,787	12,324
12	16	98 998	71 489,917	2 112 151,811	29,545	29,082	62	66	79 427	14 773,791	182 365,270	12,344	11,881
13	17	98 972	69 558,114	2 040 661,893	29,338	28,875	63	67	77 803	14 084,488	167 591,478	11,899	11,436
14	18	98 945	67 678,092	1 971 103,779	29,125	28,662	64	68	76 118	13 410,622	153 506,991	11,447	10,984
15	19	98 908	65 841,828	1 903 425,686	28,909	28,446	65	69	74 316	12 742,770	140 096,369	10,994	10,531
16	20	98 869	64 054,997	1 837 583,858	28,688	28,225	66	70	72 420	12 085,225	127 353,599	10,538	10,075
17	21	98 822	62 310,605	1 773 528,861	28,463	28,000	67	71	70 395	11 432,989	115 268,374	10,082	9,619
18	22	98 768	60 609,692	1 711 218,256	28,233	27,771	68	72	68 246	10 787,322	103 835,385	9,626	9,163
19	23	98 698	58 945,908	1 650 608,564	28,002	27,539	69	73	65 970	10 148,493	93 048,063	9,169	8,706
20	24	98 627	57 327,138	1 591 662,656	27,765	27,302	70	74	63 538	9 512,784	82 899,570	8,715	8,252
21	25	98 554	55 751,553	1 534 335,519	27,521	27,058	71	75	60 936	8 879,042	73 386,786	8,265	7,802
22	26	98 479	54 218,168	1 478 583,965	27,271	26,808	72	76	58 142	8 245,186	64 507,744	7,824	7,361
23	27	98 404	52 726,552	1 424 365,798	27,014	26,551	73	77	55 181	7 615,764	56 262,558	7,388	6,925
24	28	98 326	51 274,774	1 371 639,246	26,751	26,288	74	78	52 049	6 991,339	48 646,793	6,958	6,495
25	29	98 246	49 861,921	1 320 364,472	26,480	26,018	75	79	48 674	6 362,971	41 655,454	6,547	6,084
26	30	98 164	48 486,841	1 270 502,551	26,203	25,740	76	80	45 151	5 744,421	35 292,483	6,144	5,681
27	31	98 079	47 148,372	1 222 015,711	25,919	25,456	77	81	41 464	5 134,226	29 548,062	5,755	5,292
28	32	97 987	45 843,599	1 174 867,338	25,628	25,165	78	82	37 645	4 536,549	24 413,836	5,382	4,919
29	33	97 894	44 574,025	1 129 023,739	25,329	24,866	79	83	33 690	3 951,316	19 877,287	5,031	4,568
30	34	97 794	43 336,668	1 084 449,714	25,024	24,561	80	84	29 719	3 392,268	15 925,971	4,695	4,232
31	35	97 690	42 131,913	1 041 113,046	24,711	24,248	81	85	25 776	2 863,490	12 533,703	4,377	3,914
32	36	97 581	40 958,730	998 981,132	24,390	23,927	82	86	21 921	2 369,998	9 670,213	4,080	3,617
33	37	97 463	39 814,279	958 022,402	24,062	23,599	83	87	18 260	1 921,411	7 300,215	3,799	3,337
34	38	97 337	38 698,448	918 208,124	23,727	23,264	84	88	14 852	1 520,904	5 378,804	3,537	3,074
35	39	97 205	37 611,899	879 509,676	23,384	22,921	85	89	11 756	1 171,620	3 857,900	3,293	2,830
36	40	97 059	36 550,311	841 897,776	23,034	22,571	86	90	8 996	872,554	2 686,279	3,079	2,616
37	41	96 905	35 515,645	805 347,466	22,676	22,213	87	91	6 684	630,964	1 813,725	2,875	2,412
38	42	96 736	34 504,629	769 831,821	22,311	21,848	88	92	4 753	436,669	1 182,761	2,709	2,246
39	43	96 543	33 514,379	735 327,192	21,941	21,478	89	93	3 282	293,462	746,092	2,542	2,080
40	44	96 334	32 546,596	701 812,813	21,563	21,101	90	94	2 167	188,543	452,630	2,401	1,938
41	45	96 102	31 599,353	669 266,218	21,180	20,717	91	95	1 382	117,048	264,087	2,256	1,793
42	46	95 849	30 672,530	637 666,865	20,790	20,327	92	96	835	68,816	147,039	2,137	1,674
43	47	95 567	29 763,956	606 994,335	20,394	19,931	93	97	481	38,591	78,224	2,027	1,564
44	48	95 241	28 868,418	577 230,379	19,995	19,532	94	98	263	20,559	39,632	1,928	1,465
45	49	94 883	27 990,303	548 361,960	19,591	19,128	95	99	137	10,377	19,073	1,838	1,375
46	50	94 478	27 124,904	520 371,657	19,184	18,721	96	100	67	4,950	8,696	1,757	1,294
47	51	94 037	26 275,622	493 246,753	18,772	18,309							
48	52	93 536	25 436,172	466 971,131	18,359	17,896							
49	53	92 980	24 608,257	441 534,959	17,943	17,480							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	5	99 621	99 620,567	3 134 288,663	31,462	30,999	50	55	92 074	23 716,137	410 625,040	17,314	16,851
1	6	99 225	96 569,560	3 034 668,096	31,425	30,962	51	56	91 380	22 907,601	386 908,904	16,890	16,427
2	7	99 184	93 946,038	2 938 098,536	31,274	30,811	52	57	90 605	22 105,324	364 001,303	16,467	16,004
3	8	99 157	91 406,564	2 844 152,499	31,115	30,653	53	58	89 791	21 320,449	341 895,978	16,036	15,573
4	9	99 136	88 941,238	2 752 745,935	30,950	30,487	54	59	88 901	20 544,246	320 575,529	15,604	15,141
5	10	99 116	86 543,350	2 663 804,697	30,780	30,317	55	60	87 934	19 776,748	300 031,283	15,171	14,708
6	11	99 098	84 212,028	2 577 261,347	30,604	30,142	56	61	86 868	19 014,183	280 254,535	14,739	14,276
7	12	99 080	81 942,966	2 493 049,319	30,424	29,961	57	62	85 739	18 264,829	261 240,352	14,303	13,840
8	13	99 064	79 736,855	2 411 106,353	30,238	29,775	58	63	84 513	17 521,757	242 975,523	13,867	13,404
9	14	99 046	77 589,363	2 331 369,499	30,048	29,585	59	64	83 205	16 788,949	225 453,766	13,429	12,966
10	15	99 028	75 498,648	2 253 780,135	29,852	29,389	60	65	81 806	16 064,740	208 664,818	12,989	12,526
11	16	99 007	73 462,194	2 178 281,487	29,652	29,189	61	66	80 323	15 351,472	192 600,078	12,546	12,083
12	17	98 983	71 478,917	2 104 819,293	29,447	28,984	62	67	78 747	14 647,412	177 248,606	12,101	11,638
13	18	98 956	69 546,952	2 033 340,376	29,237	28,774	63	68	77 092	13 955,864	162 601,194	11,651	11,188
14	19	98 922	67 662,634	1 963 793,423	29,023	28,560	64	69	75 379	13 280,396	148 645,330	11,193	10,730
15	20	98 887	65 828,229	1 896 130,789	28,804	28,341	65	70	73 527	12 607,423	135 364,933	10,737	10,274
16	21	98 848	64 040,778	1 830 302,560	28,580	28,117	66	71	71 579	11 944,979	122 757,511	10,277	9,814
17	22	98 801	62 297,564	1 766 261,782	28,352	27,889	67	72	69 489	11 285,764	110 812,532	9,819	9,356
18	23	98 746	60 596,095	1 703 964,218	28,120	27,657	68	73	67 258	10 631,146	99 526,768	9,362	8,899
19	24	98 675	58 932,434	1 643 368,123	27,886	27,423	69	74	64 897	9 983,466	88 895,621	8,904	8,441
20	25	98 607	57 315,550	1 584 435,689	27,644	27,181	70	75	62 356	9 335,775	78 912,155	8,453	7,990
21	26	98 533	55 739,289	1 527 120,139	27,398	26,935	71	76	59 629	8 688,516	69 576,381	8,008	7,545
22	27	98 456	54 205,336	1 471 380,850	27,145	26,682	72	77	56 718	8 043,238	60 887,864	7,570	7,107
23	28	98 377	52 712,387	1 417 175,514	26,885	26,422	73	78	53 651	7 404,627	52 844,626	7,137	6,674
24	29	98 301	51 261,808	1 364 463,127	26,618	26,155	74	79	50 380	6 767,139	45 439,999	6,715	6,252
25	30	98 218	49 847,614	1 313 201,319	26,344	25,881	75	80	46 907	6 131,958	38 672,860	6,307	5,844
26	31	98 136	48 473,117	1 263 353,705	26,063	25,600	76	81	43 265	5 504,502	32 540,902	5,912	5,449
27	32	98 049	47 134,132	1 214 880,588	25,775	25,312	77	82	39 491	4 889,886	27 036,400	5,529	5,066
28	33	97 953	45 827,349	1 167 746,455	25,481	25,019	78	83	35 569	4 286,385	22 146,514	5,167	4,704
29	34	97 858	44 557,727	1 121 919,106	25,179	24,716	79	84	31 578	3 703,523	17 860,130	4,822	4,360
30	35	97 752	43 318,260	1 077 361,379	24,871	24,408	80	85	27 570	3 146,954	14 156,607	4,499	4,036
31	36	97 651	42 115,155	1 034 043,119	24,553	24,090	81	86	23 643	2 626,523	11 009,653	4,192	3,729
32	37	97 535	40 939,266	991 927,964	24,229	23,766	82	87	19 855	2 146,690	8 383,130	3,905	3,442
33	38	97 411	39 793,031	950 988,698	23,898	23,436	83	88	16 283	1 713,339	6 236,440	3,640	3,177
34	39	97 282	38 676,904	911 195,668	23,559	23,096	84	89	13 036	1 334,917	4 523,102	3,388	2,925
35	40	97 141	37 587,017	872 518,764	23,213	22,750	85	90	10 092	1 005,816	3 188,184	3,170	2,707
36	41	96 991	36 524,498	834 931,747	22,859	22,397	86	91	7 603	737,487	2 182,368	2,959	2,496
37	42	96 828	35 487,179	798 407,249	22,498	22,036	87	92	5 496	518,850	1 444,882	2,785	2,322
38	43	96 650	34 473,917	762 920,070	22,130	21,668	88	93	3 853	354,040	926,031	2,616	2,153
39	44	96 445	33 480,062	728 446,153	21,758	21,295	89	94	2 602	232,641	571,992	2,459	1,996
40	45	96 226	32 510,041	694 966,091	21,377	20,914	90	95	1 677	145,954	339,350	2,325	1,862
41	46	95 980	31 559,246	662 456,050	20,991	20,528	91	96	1 043	88,365	193,396	2,189	1,726
42	47	95 714	30 629,309	630 896,804	20,598	20,135	92	97	614	50,600	105,031	2,076	1,613
43	48	95 411	29 715,288	600 267,495	20,201	19,738	93	98	344	27,602	54,431	1,972	1,509
44	49	95 072	28 817,367	570 552,207	19,799	19,336	94	99	183	14,285	26,830	1,878	1,415
45	50	94 688	27 932,709	541 734,840	19,394	18,931	95	100	92	6,995	12,545	1,793	1,330
46	51	94 270	27 065,148	513 802,131	18,984	18,521							
47	52	93 807	26 211,331	486 736,983	18,570	18,107							
48	53	93 279	25 366,341	460 525,652	18,155	17,692							
49	54	92 701	24 534,271	435 159,312	17,737	17,274							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	6	99 610	99 610,498	3 126 369,613	31,386	30,923	50	56	91 747	23 632,107	403 928,930	17,092	16,630
1	7	99 217	96 561,150	3 026 759,115	31,346	30,883	51	57	91 036	22 821,189	380 296,823	16,664	16,201
2	8	99 176	93 937,975	2 930 197,965	31,193	30,730	52	58	90 243	22 016,979	357 475,634	16,236	15,774
3	9	99 150	91 399,832	2 836 259,990	31,031	30,569	53	59	89 395	21 226,377	335 458,655	15,804	15,341
4	10	99 129	88 935,102	2 744 860,158	30,864	30,401	54	60	88 482	20 447,236	314 232,278	15,368	14,905
5	11	99 109	86 537,208	2 655 925,056	30,691	30,228	55	61	87 460	19 670,164	293 785,042	14,936	14,473
6	12	99 090	84 205,294	2 569 387,848	30,513	30,051	56	62	86 369	18 904,914	274 114,879	14,500	14,037
7	13	99 072	81 936,369	2 485 182,554	30,331	29,868	57	63	85 198	18 149,621	255 209,965	14,061	13,599
8	14	99 055	79 729,712	2 403 246,185	30,142	29,680	58	64	83 944	17 403,697	237 060,343	13,621	13,158
9	15	99 036	77 580,954	2 323 516,473	29,950	29,487	59	65	82 594	16 665,560	219 656,646	13,180	12,717
10	16	99 015	75 489,151	2 245 935,519	29,752	29,289	60	66	81 167	15 939,276	202 991,086	12,735	12,272
11	17	98 991	73 450,891	2 170 446,368	29,550	29,087	61	67	79 636	15 220,151	187 051,810	12,290	11,827
12	18	98 967	71 467,447	2 096 995,477	29,342	28,879	62	68	78 028	14 513,648	171 831,659	11,839	11,376
13	19	98 933	69 531,067	2 025 528,031	29,131	28,668	63	69	76 344	13 820,344	157 318,011	11,383	10,920
14	20	98 902	67 648,659	1 955 996,963	28,914	28,451	64	70	74 578	13 139,338	143 497,667	10,921	10,458
15	21	98 865	65 813,616	1 888 348,305	28,692	28,230	65	71	72 673	12 461,117	130 358,329	10,461	9,998
16	22	98 827	64 027,375	1 822 534,689	28,465	28,002	66	72	70 657	11 791,161	117 897,212	9,999	9,536
17	23	98 779	62 283,589	1 758 507,314	28,234	27,771	67	73	68 483	11 122,372	106 106,051	9,540	9,077
18	24	98 723	60 582,244	1 696 223,725	27,999	27,536	68	74	66 164	10 458,271	94 983,679	9,082	8,619
19	25	98 656	58 920,521	1 635 641,481	27,760	27,297	69	75	63 690	9 797,698	84 525,408	8,627	8,164
20	26	98 586	57 302,942	1 576 720,960	27,516	27,053	70	76	61 018	9 135,448	74 727,709	8,180	7,717
21	27	98 509	55 726,097	1 519 418,018	27,266	26,803	71	77	58 168	8 475,710	65 592,261	7,739	7,276
22	28	98 430	54 190,774	1 463 691,920	27,010	26,547	72	78	55 146	7 820,250	57 116,551	7,304	6,841
23	29	98 352	52 699,058	1 409 501,147	26,746	26,283	73	79	51 930	7 167,174	49 296,301	6,878	6,415
24	30	98 273	51 247,100	1 356 802,089	26,476	26,013	74	80	48 551	6 521,452	42 129,127	6,460	5,997
25	31	98 190	49 833,506	1 305 554,989	26,198	25,736	75	81	44 948	5 875,853	35 607,675	6,060	5,597
26	32	98 106	48 458,477	1 255 721,483	25,913	25,451	76	82	41 206	5 242,541	29 731,822	5,671	5,208
27	33	98 015	47 117,425	1 207 263,006	25,622	25,160	77	83	37 313	4 620,237	24 489,282	5,300	4,838
28	34	97 917	45 810,593	1 160 145,582	25,325	24,862	78	84	33 339	4 017,579	19 869,045	4,946	4,483
29	35	97 816	44 538,800	1 114 334,988	25,019	24,557	79	85	29 294	3 435,700	15 851,466	4,614	4,151
30	36	97 713	43 301,030	1 069 796,188	24,706	24,243	80	86	25 288	2 886,529	12 415,767	4,301	3,838
31	37	97 604	42 095,141	1 026 495,159	24,385	23,922	81	87	21 416	2 379,045	9 529,238	4,005	3,543
32	38	97 483	40 917,417	984 400,017	24,058	23,595	82	88	17 705	1 914,222	7 150,193	3,735	3,272
33	39	97 357	39 770,877	943 482,600	23,723	23,260	83	89	14 292	1 503,819	5 235,972	3,482	3,019
34	40	97 218	38 651,317	903 711,723	23,381	22,918	84	90	11 191	1 146,004	3 732,152	3,257	2,794
35	41	97 072	37 560,472	865 060,406	23,031	22,568	85	91	8 530	850,120	2 586,149	3,042	2,579
36	42	96 913	36 495,224	827 499,934	22,674	22,211	86	92	6 252	606,445	1 736,028	2,863	2,400
37	43	96 741	35 455,593	791 004,710	22,310	21,847	87	93	4 456	420,670	1 129,583	2,685	2,222
38	44	96 551	34 438,618	755 549,117	21,939	21,476	88	94	3 055	280,664	708,913	2,526	2,063
39	45	96 336	33 442,459	721 110,500	21,563	21,100	89	95	2 014	180,092	428,249	2,378	1,915
40	46	96 103	32 468,778	687 668,041	21,179	20,717	90	96	1 266	110,188	248,157	2,252	1,789
41	47	95 845	31 514,775	655 199,263	20,790	20,327	91	97	767	64,974	137,969	2,123	1,661
42	48	95 557	30 579,227	623 684,488	20,396	19,933	92	98	439	36,190	72,995	2,017	1,554
43	49	95 242	29 662,739	593 105,261	19,995	19,532	93	99	239	19,178	36,804	1,919	1,456
44	50	94 877	28 758,071	563 442,522	19,593	19,130	94	100	123	9,629	17,627	1,831	1,368
45	51	94 480	27 871,173	534 684,451	19,184	18,721							
46	52	94 040	26 998,925	506 813,278	18,772	18,309							
47	53	93 549	26 139,371	479 814,353	18,356	17,893							
48	54	92 999	25 290,076	453 674,982	17,939	17,476							
49	55	92 405	24 455,977	428 384,906	17,517	17,054							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	7	99 602	99 601,823	3 117 940,828	31,304	30,841	50	57	91 401	23 542,961	396 834,720	16,856	16,393
1	8	99 208	96 552,862	3 018 339,005	31,261	30,798	51	58	90 672	22 729,982	373 291,758	16,423	15,960
2	9	99 168	93 931,056	2 921 786,143	31,106	30,643	52	59	89 845	21 919,833	350 561,776	15,993	15,530
3	10	99 143	91 393,527	2 827 855,086	30,942	30,479	53	60	88 973	21 126,145	328 641,943	15,556	15,093
4	11	99 122	88 928,791	2 736 461,559	30,771	30,309	54	61	88 005	20 337,038	307 515,797	15,121	14,658
5	12	99 101	86 530,288	2 647 532,768	30,597	30,134	55	62	86 957	19 557,125	287 178,759	14,684	14,221
6	13	99 082	84 198,515	2 561 002,480	30,416	29,953	56	63	85 824	18 785,669	267 621,634	14,246	13,783
7	14	99 063	81 929,030	2 476 803,965	30,231	29,768	57	64	84 624	18 027,332	248 835,965	13,803	13,340
8	15	99 044	79 721,070	2 394 874,936	30,041	29,578	58	65	83 327	17 275,790	230 808,633	13,360	12,897
9	16	99 023	77 571,195	2 315 153,865	29,846	29,383	59	66	81 949	16 535,404	213 532,843	12,914	12,451
10	17	99 000	75 477,535	2 237 582,670	29,646	29,183	60	67	80 472	15 802,927	196 997,439	12,466	12,003
11	18	98 975	73 439,104	2 162 105,135	29,441	28,978	61	68	78 909	15 081,156	181 194,511	12,015	11,552
12	19	98 944	71 451,123	2 088 666,031	29,232	28,769	62	69	77 270	14 372,711	166 113,355	11,558	11,095
13	20	98 913	69 516,706	2 017 214,908	29,018	28,555	63	70	75 533	13 673,551	151 740,644	11,097	10,635
14	21	98 880	67 633,642	1 947 698,202	28,798	28,335	64	71	73 713	12 986,860	138 067,093	10,631	10,168
15	22	98 844	65 799,842	1 880 064,561	28,572	28,110	65	72	71 738	12 300,653	125 080,233	10,169	9,706
16	23	98 805	64 013,011	1 814 264,719	28,342	27,879	66	73	69 634	11 620,452	112 779,581	9,705	9,242
17	24	98 756	62 269,352	1 750 251,707	28,108	27,645	67	74	67 369	10 941,509	101 159,129	9,245	8,783
18	25	98 703	60 569,998	1 687 982,355	27,868	27,405	68	75	64 933	10 263,668	90 217,620	8,790	8,327
19	26	98 634	58 907,560	1 627 412,357	27,627	27,164	69	76	62 323	9 587,460	79 953,951	8,339	7,877
20	27	98 562	57 289,380	1 568 504,797	27,379	26,916	70	77	59 524	8 911,696	70 366,491	7,896	7,433
21	28	98 483	55 711,127	1 511 215,417	27,126	26,663	71	78	56 556	8 240,732	61 454,796	7,457	6,995
22	29	98 405	54 177,070	1 455 504,290	26,866	26,403	72	79	53 377	7 569,468	53 214,064	7,030	6,567
23	30	98 324	52 683,937	1 401 327,220	26,599	26,136	73	80	50 045	6 906,963	45 644,596	6,608	6,146
24	31	98 245	51 232,595	1 348 643,283	26,324	25,861	74	81	46 523	6 249,080	38 737,633	6,199	5,736
25	32	98 160	49 818,455	1 297 410,687	26,043	25,580	75	82	42 809	5 596,219	32 488,553	5,805	5,343
26	33	98 072	48 441,300	1 247 592,233	25,755	25,292	76	83	38 934	4 953,444	26 892,334	5,429	4,966
27	34	97 979	47 100,197	1 199 150,933	25,460	24,997	77	84	34 973	4 330,494	21 938,890	5,066	4,603
28	35	97 875	45 791,134	1 152 050,736	25,159	24,696	78	85	30 928	3 727,045	17 608,396	4,724	4,262
29	36	97 777	44 521,085	1 106 259,602	24,848	24,385	79	86	26 870	3 151,380	13 881,351	4,405	3,942
30	37	97 667	43 280,452	1 061 738,517	24,532	24,069	80	87	22 906	2 614,552	10 729,971	4,104	3,641
31	38	97 552	42 072,676	1 018 458,065	24,207	23,744	81	88	19 096	2 121,414	8 115,419	3,825	3,363
32	39	97 428	40 894,638	976 385,389	23,876	23,413	82	89	15 540	1 680,137	5 994,005	3,568	3,105
33	40	97 292	39 744,567	935 490,751	23,538	23,075	83	90	12 269	1 291,003	4 313,868	3,341	2,879
34	41	97 149	38 624,021	895 746,184	23,191	22,729	84	91	9 458	968,608	3 022,865	3,121	2,658
35	42	96 994	37 530,367	857 122,164	22,838	22,375	85	92	7 014	699,065	2 054,257	2,939	2,476
36	43	96 827	36 462,740	819 591,796	22,478	22,015	86	93	5 069	491,690	1 355,192	2,756	2,293
37	44	96 642	35 419,288	783 129,057	22,110	21,647	87	94	3 533	333,485	863,502	2,589	2,127
38	45	96 442	34 399,938	747 709,768	21,736	21,273	88	95	2 365	217,267	530,016	2,439	1,977
39	46	96 214	33 400,012	713 309,830	21,357	20,894	89	96	1 521	135,959	312,750	2,300	1,837
40	47	95 968	32 423,026	679 909,818	20,970	20,507	90	97	931	81,021	176,790	2,182	1,719
41	48	95 688	31 463,245	647 486,792	20,579	20,116	91	98	549	46,472	95,769	2,061	1,598
42	49	95 388	30 525,150	616 023,547	20,181	19,718	92	99	305	25,145	49,298	1,961	1,498
43	50	95 046	29 601,704	585 498,398	19,779	19,316	93	100	161	12,928	24,153	1,868	1,405
44	51	94 668	28 694,717	555 896,694	19,373	18,910							
45	52	94 248	27 802,978	527 201,978	18,962	18,499							
46	53	93 781	26 924,803	499 398,999	18,548	18,085							
47	54	93 268	26 060,782	472 474,196	18,130	17,667							
48	55	92 702	25 209,369	446 413,414	17,708	17,245							
49	56	92 077	24 369,325	421 204,045	17,284	16,821							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	8	99 593	99 593,274	3 108 987,189	31,217	30,754	50	58	91 036	23 448,870	389 337,232	16,604	16,141
1	9	99 201	96 545,752	3 009 393,914	31,171	30,708	51	59	90 272	22 629,691	365 888,362	16,169	15,706
2	10	99 161	93 924,577	2 912 848,163	31,013	30,550	52	60	89 420	21 816,327	343 258,671	15,734	15,271
3	11	99 136	91 387,041	2 818 923,586	30,846	30,383	53	61	88 493	21 012,289	321 442,344	15,298	14,835
4	12	99 114	88 921,679	2 727 536,545	30,673	30,211	54	62	87 499	20 220,167	300 430,054	14,858	14,395
5	13	99 093	86 523,322	2 638 614,866	30,496	30,033	55	63	86 409	19 433,766	280 209,887	14,419	13,956
6	14	99 073	84 190,973	2 552 091,544	30,313	29,850	56	64	85 246	18 659,093	260 776,121	13,976	13,513
7	15	99 052	81 920,150	2 467 900,571	30,126	29,663	57	65	84 002	17 894,841	242 117,028	13,530	13,067
8	16	99 031	79 711,042	2 385 980,421	29,933	29,470	58	66	82 676	17 140,869	224 222,186	13,081	12,618
9	17	99 008	77 559,259	2 306 269,379	29,736	29,273	59	67	81 248	16 393,956	207 081,318	12,632	12,169
10	18	98 984	75 465,423	2 228 710,120	29,533	29,070	60	68	79 738	15 658,610	190 687,362	12,178	11,715
11	19	98 953	73 422,329	2 153 244,697	29,327	28,864	61	69	78 143	14 934,709	175 028,752	11,720	11,257
12	20	98 924	71 436,365	2 079 822,367	29,114	28,652	62	70	76 450	14 220,051	160 094,043	11,258	10,796
13	21	98 891	69 501,274	2 008 386,002	28,897	28,434	63	71	74 656	13 514,873	145 873,992	10,794	10,331
14	22	98 859	67 619,487	1 938 884,728	28,673	28,211	64	72	72 763	12 819,626	132 359,119	10,325	9,862
15	23	98 822	65 785,081	1 871 265,241	28,445	27,982	65	73	70 699	12 122,567	119 539,493	9,861	9,398
16	24	98 782	63 998,379	1 805 480,160	28,211	27,749	66	74	68 502	11 431,490	107 416,926	9,397	8,934
17	25	98 736	62 256,765	1 741 481,781	27,973	27,510	67	75	66 115	10 737,914	95 985,436	8,939	8,476
18	26	98 681	60 556,674	1 679 225,016	27,730	27,267	68	76	63 540	10 043,431	85 247,522	8,488	8,025
19	27	98 610	58 893,618	1 618 668,342	27,485	27,022	69	77	60 797	9 352,636	75 204,091	8,041	7,578
20	28	98 536	57 273,989	1 559 774,723	27,234	26,771	70	78	57 873	8 664,630	65 851,454	7,600	7,137
21	29	98 458	55 697,039	1 502 500,734	26,976	26,513	71	79	54 742	7 976,466	57 186,824	7,169	6,707
22	30	98 376	54 161,526	1 446 803,695	26,713	26,250	72	80	51 439	7 294,651	49 210,358	6,746	6,283
23	31	98 296	52 669,026	1 392 642,169	26,441	25,979	73	81	47 955	6 618,489	41 915,707	6,333	5,870
24	32	98 215	51 217,122	1 339 973,143	26,163	25,700	74	82	44 309	5 951,846	35 297,217	5,931	5,468
25	33	98 126	49 800,796	1 288 756,021	25,878	25,415	75	83	40 448	5 287,619	29 345,533	5,550	5,087
26	34	98 036	48 423,588	1 238 955,226	25,586	25,123	76	84	36 492	4 642,806	24 057,914	5,182	4,719
27	35	97 937	47 080,190	1 190 531,638	25,287	24,824	77	85	32 444	4 017,332	19 415,108	4,833	4,370
28	36	97 836	45 772,920	1 143 451,448	24,981	24,518	78	86	28 368	3 418,614	15 397,776	4,504	4,041
29	37	97 731	44 499,928	1 097 678,528	24,667	24,204	79	87	24 338	2 854,448	11 979,162	4,197	3,734
30	38	97 615	43 257,354	1 053 178,600	24,347	23,884	80	88	20 425	2 331,418	9 124,714	3,914	3,451
31	39	97 498	42 049,253	1 009 921,246	24,018	23,555	81	89	16 761	1 861,992	6 793,295	3,648	3,186
32	40	97 364	40 867,584	967 871,992	23,683	23,220	82	90	13 341	1 442,369	4 931,303	3,419	2,956
33	41	97 224	39 716,498	927 004,408	23,341	22,878	83	91	10 370	1 091,162	3 488,934	3,197	2,735
34	42	97 071	38 593,064	887 287,910	22,991	22,528	84	92	7 778	796,499	2 397,772	3,010	2,548
35	43	96 908	37 496,962	848 694,846	22,634	22,171	85	93	5 687	566,784	1 601,273	2,825	2,362
36	44	96 728	36 425,404	811 197,884	22,270	21,807	86	94	4 018	389,786	1 034,489	2,654	2,191
37	45	96 534	35 379,507	774 772,480	21,899	21,436	87	95	2 735	258,157	644,703	2,497	2,035
38	46	96 320	34 356,276	739 392,973	21,521	21,059	88	96	1 785	164,025	386,546	2,357	1,894
39	47	96 078	33 352,948	705 036,697	21,139	20,676	89	97	1 118	99,970	222,522	2,226	1,763
40	48	95 811	32 370,010	671 683,749	20,750	20,287	90	98	666	57,948	122,551	2,115	1,652
41	49	95 519	31 407,605	639 313,739	20,355	19,893	91	99	381	32,289	64,603	2,001	1,538
42	50	95 192	30 462,339	607 906,134	19,956	19,493	92	100	206	16,950	32,314	1,906	1,444
43	51	94 837	29 536,491	577 443,795	19,550	19,087							
44	52	94 436	28 624,507	547 907,304	19,141	18,678							
45	53	93 990	27 726,649	519 282,797	18,729	18,266							
46	54	93 499	26 843,852	491 556,148	18,312	17,849							
47	55	92 971	25 977,616	464 712,296	17,889	17,426							
48	56	92 374	25 120,048	438 734,680	17,466	17,003							
49	57	91 730	24 277,399	413 614,631	17,037	16,574							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	9	99 586	99 585,940	3 099 496,038	31,124	30,661	50	59	90 634	23 345,407	381 432,548	16,339	15,876
1	10	99 194	96 539,091	2 999 910,098	31,075	30,612	51	60	89 846	22 522,833	358 087,141	15,899	15,436
2	11	99 154	93 917,911	2 903 371,007	30,914	30,451	52	61	88 939	21 698,752	335 564,309	15,465	15,002
3	12	99 128	91 379,733	2 809 453,096	30,745	30,282	53	62	87 985	20 891,538	313 865,557	15,024	14,561
4	13	99 106	88 914,521	2 718 073,363	30,570	30,107	54	63	86 947	20 092,626	292 974,019	14,581	14,118
5	14	99 084	86 515,572	2 629 158,842	30,389	29,927	55	64	85 827	19 302,824	272 881,393	14,137	13,674
6	15	99 063	84 181,848	2 542 643,270	30,204	29,741	56	65	84 619	18 521,960	253 578,570	13,691	13,228
7	16	99 040	81 909,845	2 458 461,422	30,014	29,551	57	66	83 346	17 755,085	235 056,610	13,239	12,776
8	17	99 016	79 698,777	2 376 551,578	29,819	29,356	58	67	81 969	16 994,241	217 301,525	12,787	12,324
9	18	98 992	77 546,813	2 296 852,801	29,619	29,156	59	68	80 506	16 244,241	200 307,284	12,331	11,868
10	19	98 962	75 448,186	2 219 305,988	29,415	28,952	60	69	78 963	15 506,555	184 063,042	11,870	11,407
11	20	98 932	73 407,165	2 143 857,802	29,205	28,742	61	70	77 313	14 776,080	168 556,487	11,407	10,945
12	21	98 902	71 420,507	2 070 450,637	28,990	28,527	62	71	75 562	14 055,031	153 780,407	10,941	10,478
13	22	98 870	69 486,728	1 999 030,130	28,769	28,306	63	72	73 695	13 340,839	139 725,376	10,474	10,011
14	23	98 837	67 604,318	1 929 543,402	28,542	28,079	64	73	71 710	12 634,027	126 384,537	10,004	9,541
15	24	98 800	65 770,044	1 861 939,084	28,310	27,847	65	74	69 549	11 925,440	113 750,510	9,538	9,076
16	25	98 762	63 985,443	1 796 169,041	28,072	27,609	66	75	67 227	11 218,778	101 825,070	9,076	8,613
17	26	98 715	62 243,070	1 732 183,598	27,829	27,367	67	76	64 697	10 507,501	90 606,292	8,623	8,160
18	27	98 658	60 542,343	1 669 940,528	27,583	27,120	68	77	61 984	9 797,439	80 098,792	8,175	7,713
19	28	98 584	58 877,797	1 609 398,185	27,335	26,872	69	78	59 111	9 093,346	70 301,352	7,731	7,268
20	29	98 511	57 259,506	1 550 520,389	27,079	26,616	70	79	56 017	8 386,771	61 208,006	7,298	6,835
21	30	98 430	55 681,058	1 493 260,882	26,818	26,355	71	80	52 755	7 686,873	52 821,235	6,872	6,409
22	31	98 349	54 146,196	1 437 579,824	26,550	26,087	72	81	49 291	6 989,986	45 134,362	6,457	5,994
23	32	98 267	52 653,119	1 383 433,627	26,274	25,812	73	82	45 673	6 303,513	38 144,376	6,051	5,588
24	33	98 180	51 198,966	1 330 780,509	25,992	25,530	74	83	41 866	5 623,482	31 840,863	5,662	5,199
25	34	98 090	49 782,587	1 279 581,542	25,703	25,241	75	84	37 911	4 956,025	26 217,380	5,290	4,827
26	35	97 994	48 403,019	1 229 798,955	25,407	24,945	76	85	33 853	4 307,058	21 261,356	4,936	4,474
27	36	97 898	47 061,463	1 181 395,936	25,103	24,640	77	86	29 759	3 684,879	16 954,298	4,601	4,138
28	37	97 790	45 751,168	1 134 334,473	24,794	24,331	78	87	25 695	3 096,503	13 269,419	4,285	3,822
29	38	97 679	44 476,179	1 088 583,305	24,476	24,013	79	88	21 702	2 545,336	10 172,916	3,997	3,534
30	39	97 560	43 233,272	1 044 107,126	24,151	23,688	80	89	17 927	2 046,316	7 627,580	3,727	3,265
31	40	97 433	42 021,436	1 000 873,854	23,818	23,355	81	90	14 389	1 598,489	5 581,264	3,492	3,029
32	41	97 295	40 838,722	958 852,418	23,479	23,016	82	91	11 276	1 219,097	3 982,775	3,267	2,804
33	42	97 146	39 684,665	918 013,696	23,133	22,670	83	92	8 527	897,277	2 763,679	3,080	2,617
34	43	96 985	38 558,713	878 329,030	22,779	22,316	84	93	6 306	645,781	1 866,402	2,890	2,427
35	44	96 809	37 458,568	839 770,318	22,419	21,956	85	94	4 508	449,317	1 220,621	2,717	2,254
36	45	96 619	36 384,493	802 311,750	22,051	21,588	86	95	3 111	301,740	771,304	2,556	2,093
37	46	96 411	35 334,602	765 927,257	21,676	21,214	87	96	2 065	194,894	469,564	2,409	1,947
38	47	96 184	34 307,864	730 592,655	21,295	20,832	88	97	1 313	120,607	274,670	2,277	1,815
39	48	95 921	33 298,412	696 284,791	20,910	20,448	89	98	800	71,502	154,063	2,155	1,692
40	49	95 642	32 312,766	662 986,379	20,518	20,055	90	99	463	40,263	82,562	2,051	1,588
41	50	95 322	31 342,979	630 673,612	20,122	19,659	91	100	257	21,766	42,299	1,943	1,481
42	51	94 982	30 395,231	599 330,634	19,718	19,255							
43	52	94 605	29 464,221	568 935,403	19,309	18,847							
44	53	94 177	28 545,922	539 471,181	18,898	18,436							
45	54	93 707	27 643,287	510 925,260	18,483	18,020							
46	55	93 201	26 758,188	483 281,972	18,061	17,598							
47	56	92 641	25 885,573	456 523,785	17,636	17,173							
48	57	92 025	25 025,290	430 638,211	17,208	16,745							
49	58	91 363	24 180,373	405 612,921	16,774	16,312							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä_{xy}^{(12)}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä_{xy}^{(12)}$
0	10	99 579	99 579,070	3 089 454,694	31,025	30,562	50	60	90 206	23 235,169	373 122,655	16,059	15,596
1	11	99 187	96 532,240	2 989 875,624	30,973	30,510	51	61	89 361	22 401,449	349 887,486	15,619	15,156
2	12	99 146	93 910,401	2 893 343,384	30,810	30,347	52	62	88 427	21 574,055	327 486,037	15,180	14,717
3	13	99 120	91 372,377	2 799 432,983	30,638	30,175	53	63	87 430	20 759,761	305 911,982	14,736	14,273
4	14	99 097	88 906,557	2 708 060,607	30,460	29,997	54	64	86 361	19 957,244	285 152,220	14,288	13,825
5	15	99 073	86 506,195	2 619 154,050	30,277	29,814	55	65	85 196	19 160,959	265 194,976	13,840	13,378
6	16	99 050	84 171,259	2 532 647,855	30,089	29,626	56	66	83 958	18 377,306	246 034,017	13,388	12,925
7	17	99 024	81 897,241	2 448 476,597	29,897	29,434	57	67	82 633	17 603,203	227 656,711	12,933	12,470
8	18	99 000	79 685,988	2 366 579,356	29,699	29,236	58	68	81 220	16 839,045	210 053,507	12,474	12,011
9	19	98 969	77 529,100	2 286 893,368	29,497	29,034	59	69	79 724	16 086,500	193 214,463	12,011	11,548
10	20	98 941	75 432,603	2 209 364,268	29,289	28,826	60	70	78 125	15 341,852	177 127,963	11,545	11,083
11	21	98 910	73 390,869	2 133 931,665	29,076	28,613	61	71	76 416	14 604,607	161 786,111	11,078	10,615
12	22	98 881	71 405,559	2 060 540,796	28,857	28,394	62	72	74 589	13 874,042	147 181,504	10,608	10,146
13	23	98 848	69 471,140	1 989 135,236	28,633	28,170	63	73	72 628	13 147,694	133 307,462	10,139	9,676
14	24	98 815	67 588,864	1 919 664,096	28,402	27,939	64	74	70 544	12 428,582	120 159,767	9,668	9,205
15	25	98 780	65 756,749	1 852 075,231	28,166	27,703	65	75	68 255	11 703,537	107 731,185	9,205	8,742
16	26	98 740	63 971,367	1 786 318,482	27,924	27,461	66	76	65 785	10 978,046	96 027,648	8,747	8,284
17	27	98 691	62 228,339	1 722 347,115	27,678	27,215	67	77	63 112	10 250,143	85 049,602	8,297	7,835
18	28	98 631	60 526,078	1 660 118,776	27,428	26,965	68	78	60 265	9 525,818	74 799,460	7,852	7,389
19	29	98 559	58 862,908	1 599 592,698	27,175	26,712	69	79	57 216	8 801,739	65 273,642	7,416	6,953
20	30	98 483	57 243,078	1 540 729,790	26,916	26,453	70	80	53 984	8 082,281	56 471,903	6,987	6,524
21	31	98 402	55 665,299	1 483 486,712	26,650	26,187	71	81	50 551	7 365,826	48 389,622	6,569	6,107
22	32	98 319	54 129,843	1 427 821,414	26,378	25,915	72	82	46 945	6 657,330	41 023,795	6,162	5,699
23	33	98 232	52 634,455	1 373 691,571	26,099	25,636	73	83	43 154	5 955,910	34 366,465	5,770	5,307
24	34	98 145	51 180,246	1 321 057,116	25,812	25,349	74	84	39 240	5 270,825	28 410,555	5,390	4,927
25	35	98 048	49 761,440	1 269 876,869	25,519	25,056	75	85	35 170	4 597,626	23 139,730	5,033	4,570
26	36	97 955	48 383,766	1 220 115,429	25,217	24,755	76	86	31 052	3 950,629	18 542,104	4,693	4,231
27	37	97 852	47 039,099	1 171 731,663	24,910	24,447	77	87	26 955	3 337,680	14 591,475	4,372	3,909
28	38	97 738	45 726,752	1 124 692,564	24,596	24,133	78	88	22 913	2 761,178	11 253,795	4,076	3,613
29	39	97 624	44 451,418	1 078 965,812	24,273	23,810	79	89	19 049	2 234,074	8 492,617	3,801	3,339
30	40	97 496	43 204,671	1 034 514,394	23,945	23,482	80	90	15 390	1 756,727	6 258,543	3,563	3,100
31	41	97 365	41 991,759	991 309,722	23,607	23,144	81	91	12 162	1 351,050	4 501,816	3,332	2,869
32	42	97 217	40 805,990	949 317,964	23,264	22,801	82	92	9 272	1 002,480	3 150,766	3,143	2,680
33	43	97 059	39 649,343	908 511,973	22,914	22,451	83	93	6 914	727,489	2 148,287	2,953	2,490
34	44	96 886	38 519,231	868 862,631	22,557	22,094	84	94	4 999	511,941	1 420,798	2,775	2,312
35	45	96 700	37 416,496	830 343,400	22,192	21,729	85	95	3 490	347,824	908,857	2,613	2,150
36	46	96 496	36 338,312	792 926,904	21,821	21,358	86	96	2 348	227,797	561,033	2,463	2,000
37	47	96 275	35 284,812	756 588,592	21,442	20,980	87	97	1 518	143,305	333,235	2,325	1,863
38	48	96 027	34 251,767	721 303,780	21,059	20,596	88	98	939	86,261	189,931	2,202	1,739
39	49	95 752	33 239,526	687 052,013	20,670	20,207	89	99	556	49,680	103,669	2,087	1,624
40	50	95 445	32 246,278	653 812,487	20,276	19,813	90	100	312	27,141	53,989	1,989	1,526
41	51	95 112	31 273,930	621 566,209	19,875	19,412							
42	52	94 750	30 320,860	590 292,279	19,468	19,005							
43	53	94 345	29 383,331	559 971,418	19,057	18,595							
44	54	93 894	28 460,097	530 588,087	18,643	18,180							
45	55	93 408	27 555,072	502 127,990	18,223	17,760							
46	56	92 871	26 663,379	474 572,919	17,799	17,336							
47	57	92 292	25 787,928	447 909,540	17,369	16,906							
48	58	91 657	24 925,275	422 121,612	16,935	16,473							
49	59	90 960	24 073,682	397 196,337	16,499	16,036							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	11	99 572	99 572,003	3 078 852,197	30,921	30,458	50	61	89 720	23 109,947	364 408,241	15,768	15,306
1	12	99 179	96 524,521	2 979 280,194	30,866	30,403	51	62	88 848	22 272,715	341 298,294	15,324	14,861
2	13	99 139	93 902,841	2 882 755,674	30,699	30,237	52	63	87 870	21 437,974	319 025,580	14,881	14,419
3	14	99 111	91 364,192	2 788 852,833	30,525	30,062	53	64	86 841	20 619,885	297 587,606	14,432	13,969
4	15	99 086	88 896,920	2 697 488,641	30,344	29,881	54	65	85 727	19 810,570	276 967,721	13,981	13,518
5	16	99 061	86 495,313	2 608 591,721	30,159	29,696	55	66	84 530	19 011,315	257 157,151	13,527	13,064
6	17	99 035	84 158,307	2 522 096,408	29,968	29,506	56	67	83 240	18 220,102	238 145,836	13,070	12,608
7	18	99 008	81 884,099	2 437 938,101	29,773	29,310	57	68	81 879	17 442,446	219 925,735	12,609	12,146
8	19	98 978	79 667,786	2 356 054,002	29,573	29,111	58	69	80 431	16 675,527	202 483,289	12,143	11,680
9	20	98 949	77 513,087	2 276 386,216	29,368	28,905	59	70	78 877	15 915,636	185 807,762	11,675	11,212
10	21	98 919	75 415,858	2 198 873,128	29,157	28,694	60	71	77 218	15 163,814	169 892,126	11,204	10,741
11	22	98 890	73 375,509	2 123 457,271	28,940	28,477	61	72	75 431	14 416,541	154 728,311	10,733	10,270
12	23	98 859	71 389,541	2 050 081,761	28,717	28,254	62	73	73 509	13 673,178	140 311,771	10,262	9,799
13	24	98 825	69 455,260	1 978 692,220	28,489	28,026	63	74	71 447	12 933,897	126 638,593	9,791	9,328
14	25	98 795	67 575,202	1 909 236,960	28,254	27,791	64	75	69 231	12 197,317	113 704,696	9,322	8,859
15	26	98 758	65 742,284	1 841 661,758	28,013	27,551	65	76	66 791	11 452,403	101 507,379	8,863	8,401
16	27	98 717	63 956,227	1 775 919,474	27,768	27,305	66	77	64 174	10 709,163	90 054,976	8,409	7,946
17	28	98 665	62 211,621	1 711 963,246	27,518	27,056	67	78	61 362	9 965,971	79 345,813	7,962	7,499
18	29	98 607	60 510,773	1 649 751,625	27,264	26,801	68	79	58 333	9 220,342	69 379,843	7,525	7,062
19	30	98 531	58 846,019	1 589 240,852	27,007	26,544	69	80	55 138	8 482,183	60 159,501	7,092	6,630
20	31	98 455	57 226,876	1 530 394,833	26,743	26,280	70	81	51 729	7 744,720	51 677,318	6,673	6,210
21	32	98 372	55 648,487	1 473 167,957	26,473	26,010	71	82	48 145	7 015,284	43 932,597	6,262	5,800
22	33	98 284	54 110,655	1 417 519,470	26,197	25,734	72	83	44 357	6 290,216	36 917,313	5,869	5,406
23	34	98 196	52 615,210	1 363 408,815	25,913	25,450	73	84	40 448	5 582,406	30 627,097	5,486	5,024
24	35	98 103	51 158,506	1 310 793,605	25,622	25,159	74	85	36 403	4 889,662	25 044,691	5,122	4,659
25	36	98 009	49 741,647	1 259 635,099	25,324	24,861	75	86	32 259	4 217,151	20 155,030	4,779	4,316
26	37	97 909	48 360,774	1 209 893,452	25,018	24,555	76	87	28 126	3 578,390	15 937,878	4,454	3,991
27	38	97 799	47 013,995	1 161 532,678	24,706	24,243	77	88	24 036	2 976,237	12 359,488	4,153	3,690
28	39	97 683	45 701,295	1 114 518,683	24,387	23,924	78	89	20 111	2 423,521	9 383,251	3,872	3,409
29	40	97 560	44 422,011	1 068 817,388	24,061	23,598	79	90	16 353	1 917,914	6 959,730	3,629	3,166
30	41	97 427	43 174,159	1 024 395,377	23,727	23,264	80	91	13 008	1 484,794	5 041,815	3,396	2,933
31	42	97 287	41 958,103	981 221,217	23,386	22,923	81	92	10 001	1 110,987	3 557,022	3,202	2,739
32	43	97 131	40 769,669	939 263,115	23,038	22,575	82	93	7 518	812,784	2 446,035	3,009	2,547
33	44	96 960	39 608,744	898 493,445	22,684	22,221	83	94	5 481	576,715	1 633,251	2,832	2,369
34	45	96 777	38 475,968	858 884,701	22,323	21,860	84	95	3 870	396,302	1 056,536	2,666	2,203
35	46	96 577	37 369,006	820 408,733	21,954	21,491	85	96	2 635	262,588	660,233	2,514	2,052
36	47	96 360	36 287,108	783 039,728	21,579	21,116	86	97	1 727	167,498	397,645	2,374	1,911
37	48	96 118	35 227,117	746 752,620	21,198	20,735	87	98	1 086	102,496	230,147	2,245	1,783
38	49	95 857	34 191,195	711 525,503	20,810	20,347	88	99	652	59,935	127,651	2,130	1,667
39	50	95 555	33 171,131	677 334,308	20,419	19,957	89	100	375	33,489	67,716	2,022	1,559
40	51	95 235	32 175,239	644 163,177	20,020	19,558							
41	52	94 880	31 197,409	611 987,938	19,617	19,154							
42	53	94 490	30 237,618	580 790,528	19,208	18,745							
43	54	94 062	29 294,989	550 552,910	18,793	18,331							
44	55	93 594	28 369,275	521 257,921	18,374	17,911							
45	56	93 077	27 457,439	492 888,647	17,951	17,488							
46	57	92 521	26 562,799	465 431,207	17,522	17,059							
47	58	91 923	25 684,865	438 868,408	17,087	16,624							
48	59	91 253	24 815,297	413 183,544	16,650	16,188							
49	60	90 531	23 960,005	388 368,246	16,209	15,746							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	12	99 564	99 564,040	3 067 679,120	30,811	30,348	50	62	89 205	22 977,141	355 299,643	15,463	15,000
1	13	99 171	96 516,750	2 968 115,079	30,752	30,290	51	63	88 287	22 132,226	332 322,503	15,015	14,552
2	14	99 130	93 894,429	2 871 598,329	30,583	30,120	52	64	87 278	21 293,528	310 190,276	14,567	14,105
3	15	99 100	91 354,289	2 777 703,900	30,406	29,943	53	65	86 202	20 468,341	288 896,749	14,114	13,651
4	16	99 074	88 885,738	2 686 349,611	30,223	29,760	54	66	85 057	19 655,852	268 428,408	13,656	13,194
5	17	99 046	86 482,004	2 597 463,873	30,035	29,572	55	67	83 807	18 848,687	248 772,555	13,198	12,736
6	18	99 019	84 144,802	2 510 981,869	29,841	29,378	56	68	82 480	18 053,710	229 923,869	12,736	12,273
7	19	98 986	81 865,396	2 426 837,067	29,644	29,181	57	69	81 084	17 273,068	211 870,158	12,266	11,803
8	20	98 957	79 651,332	2 344 971,671	29,440	28,978	58	70	79 577	16 498,408	194 597,090	11,795	11,332
9	21	98 927	77 495,880	2 265 320,339	29,231	28,769	59	71	77 962	15 730,940	178 098,682	11,322	10,859
10	22	98 899	75 400,074	2 187 824,459	29,016	28,553	60	72	76 224	14 968,547	162 367,742	10,847	10,384
11	23	98 868	73 359,049	2 112 424,385	28,796	28,333	61	73	74 339	14 207,822	147 399,196	10,375	9,912
12	24	98 836	71 373,223	2 039 065,336	28,569	28,106	62	74	72 314	13 450,835	133 191,373	9,902	9,439
13	25	98 806	69 441,221	1 967 692,114	28,336	27,873	63	75	70 118	12 693,229	119 740,538	9,433	8,971
14	26	98 773	67 560,337	1 898 250,893	28,097	27,634	64	76	67 746	11 935,588	107 047,309	8,969	8,506
15	27	98 735	65 726,725	1 830 690,556	27,853	27,390	65	77	65 155	11 171,901	95 111,721	8,513	8,051
16	28	98 691	63 939,046	1 764 963,831	27,604	27,141	66	78	62 394	10 412,265	83 939,820	8,062	7,599
17	29	98 640	62 195,890	1 701 024,785	27,349	26,887	67	79	59 395	9 646,379	73 527,555	7,622	7,159
18	30	98 578	60 493,411	1 638 828,895	27,091	26,628	68	80	56 215	8 885,589	63 881,175	7,189	6,726
19	31	98 503	58 829,364	1 578 335,484	26,829	26,366	69	81	52 835	8 127,920	54 995,587	6,766	6,303
20	32	98 425	57 209,592	1 519 506,120	26,560	26,098	70	82	49 267	7 376,146	46 867,667	6,354	5,891
21	33	98 337	55 628,761	1 462 296,528	26,287	25,824	71	83	45 491	6 628,431	39 491,521	5,958	5,495
22	34	98 248	54 090,871	1 406 667,768	26,006	25,543	72	84	41 575	5 895,747	32 863,089	5,574	5,111
23	35	98 154	52 592,860	1 352 576,897	25,718	25,255	73	85	37 523	5 178,710	26 967,343	5,207	4,745
24	36	98 064	51 138,158	1 299 984,037	25,421	24,958	74	86	33 390	4 485,019	21 788,632	4,858	4,395
25	37	97 962	49 718,010	1 248 845,879	25,119	24,656	75	87	29 220	3 819,800	17 303,613	4,530	4,067
26	38	97 856	48 334,964	1 199 127,870	24,809	24,346	76	88	25 080	3 190,881	13 483,813	4,226	3,763
27	39	97 745	46 987,822	1 150 792,905	24,491	24,028	77	89	21 097	2 612,281	10 292,933	3,940	3,477
28	40	97 619	45 671,061	1 103 805,084	24,169	23,706	78	90	17 265	2 080,552	7 680,651	3,692	3,229
29	41	97 491	44 390,639	1 058 134,022	23,837	23,374	79	91	13 822	1 621,030	5 600,099	3,455	2,992
30	42	97 349	43 139,555	1 013 743,383	23,499	23,036	80	92	10 697	1 220,966	3 979,069	3,259	2,796
31	43	97 200	41 920,756	970 603,828	23,153	22,690	81	93	8 108	900,759	2 758,104	3,062	2,599
32	44	97 031	40 727,924	928 683,071	22,802	22,339	82	94	5 960	644,333	1 857,344	2,883	2,420
33	45	96 851	39 564,257	887 955,148	22,443	21,981	83	95	4 243	446,445	1 213,012	2,717	2,254
34	46	96 654	38 427,133	848 390,890	22,078	21,615	84	96	2 922	299,187	766,567	2,562	2,099
35	47	96 441	37 316,349	809 963,757	21,705	21,243	85	97	1 937	193,080	467,380	2,421	1,958
36	48	96 203	36 227,774	772 647,409	21,327	20,865	86	98	1 235	119,800	274,300	2,290	1,827
37	49	95 948	35 164,820	736 419,635	20,942	20,479	87	99	754	71,215	154,500	2,169	1,707
38	50	95 660	34 120,842	701 254,815	20,552	20,089	88	100	440	40,402	83,285	2,061	1,599
39	51	95 344	33 098,055	667 133,973	20,156	19,693							
40	52	95 002	32 096,513	634 035,918	19,754	19,291							
41	53	94 619	31 111,761	601 939,405	19,348	18,885							
42	54	94 206	30 146,707	570 827,644	18,935	18,472							
43	55	93 761	29 201,502	540 680,936	18,516	18,053							
44	56	93 263	28 268,758	511 479,434	18,093	17,631							
45	57	92 726	27 353,864	483 210,677	17,665	17,202							
46	58	92 151	26 456,639	455 856,812	17,230	16,768							
47	59	91 517	25 571,535	429 400,173	16,792	16,329							
48	60	90 822	24 698,119	403 828,638	16,351	15,888							
49	61	90 043	23 830,876	379 130,519	15,909	15,446							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	13	99 556	99 556,026	3 055 927,455	30,696	30,233	50	63	88 642	22 832,209	345 800,849	15,145	14,682
1	14	99 162	96 508,105	2 956 371,429	30,633	30,171	51	64	87 692	21 983,102	322 968,640	14,692	14,229
2	15	99 119	93 884,252	2 859 863,324	30,462	29,999	52	65	86 636	21 137,033	300 985,537	14,240	13,777
3	16	99 088	91 342,798	2 765 979,072	30,281	29,818	53	66	85 529	20 308,486	279 848,505	13,780	13,317
4	17	99 059	88 872,061	2 674 636,274	30,095	29,633	54	67	84 330	19 487,711	259 540,019	13,318	12,855
5	18	99 030	86 468,126	2 585 764,213	29,904	29,441	55	68	83 042	18 676,555	240 052,308	12,853	12,390
6	19	98 996	84 125,582	2 499 296,088	29,709	29,246	56	69	81 679	17 878,397	221 375,753	12,382	11,919
7	20	98 965	81 848,487	2 415 170,505	29,508	29,045	57	70	80 223	17 089,602	203 497,356	11,908	11,445
8	21	98 935	79 633,650	2 333 322,018	29,301	28,838	58	71	78 654	16 306,948	186 407,753	11,431	10,968
9	22	98 906	77 479,661	2 253 688,368	29,087	28,625	59	72	76 958	15 528,370	170 100,805	10,954	10,491
10	23	98 876	75 383,160	2 176 208,707	28,869	28,406	60	73	75 120	14 751,836	154 572,436	10,478	10,015
11	24	98 845	73 342,280	2 100 825,547	28,644	28,181	61	74	73 131	13 976,786	139 820,599	10,004	9,541
12	25	98 817	71 358,796	2 027 483,267	28,413	27,950	62	75	70 968	13 200,548	125 843,813	9,533	9,070
13	26	98 784	69 425,945	1 956 124,471	28,176	27,713	63	76	68 613	12 420,859	112 643,265	9,069	8,606
14	27	98 749	67 544,348	1 886 698,526	27,933	27,470	64	77	66 086	11 643,252	100 222,406	8,608	8,145
15	28	98 708	65 709,067	1 819 154,178	27,685	27,222	65	78	63 348	10 862,175	88 579,155	8,155	7,692
16	29	98 666	63 922,877	1 753 445,111	27,431	26,968	66	79	60 394	10 078,362	77 716,980	7,711	7,248
17	30	98 612	62 178,045	1 689 522,233	27,172	26,710	67	80	57 238	9 296,159	67 638,618	7,276	6,813
18	31	98 550	60 476,289	1 627 344,189	26,909	26,446	68	81	53 867	8 514,477	58 342,459	6,852	6,389
19	32	98 473	58 811,596	1 566 867,899	26,642	26,179	69	82	50 321	7 741,109	49 827,982	6,437	5,974
20	33	98 390	57 189,313	1 508 056,303	26,370	25,907	70	83	46 550	6 969,394	42 086,873	6,039	5,576
21	34	98 301	55 608,421	1 450 866,991	26,091	25,628	71	84	42 638	6 212,752	35 117,479	5,652	5,190
22	35	98 206	54 067,894	1 395 258,570	25,806	25,343	72	85	38 568	5 469,392	28 904,727	5,285	4,822
23	36	98 115	52 571,941	1 341 190,676	25,512	25,049	73	86	34 418	4 750,148	23 435,336	4,934	4,471
24	37	98 017	51 113,856	1 288 618,735	25,211	24,748	74	87	30 244	4 062,429	18 685,188	4,600	4,137
25	38	97 910	49 691,476	1 237 504,879	24,904	24,441	75	88	26 056	3 406,148	14 622,759	4,293	3,830
26	39	97 802	48 308,056	1 187 813,403	24,588	24,125	76	89	22 013	2 800,677	11 216,611	4,005	3,542
27	40	97 680	46 956,737	1 139 505,347	24,267	23,804	77	90	18 111	2 242,599	8 415,934	3,753	3,290
28	41	97 550	45 638,807	1 092 548,610	23,939	23,476	78	91	14 592	1 758,492	6 173,335	3,511	3,048
29	42	97 413	44 355,060	1 046 909,803	23,603	23,140	79	92	11 366	1 332,995	4 414,843	3,312	2,849
30	43	97 262	43 101,157	1 002 554,743	23,261	22,798	80	93	8 673	989,927	3 081,849	3,113	2,650
31	44	97 100	41 877,832	959 453,585	22,911	22,448	81	94	6 428	714,074	2 091,921	2,930	2,467
32	45	96 922	40 682,180	917 575,753	22,555	22,092	82	95	4 613	498,789	1 377,847	2,762	2,300
33	46	96 728	39 514,041	876 893,573	22,192	21,729	83	96	3 203	337,042	879,058	2,608	2,145
34	47	96 518	38 372,985	837 379,532	21,822	21,359	84	97	2 148	219,991	542,016	2,464	2,001
35	48	96 284	37 255,332	799 006,547	21,447	20,984	85	98	1 386	138,096	322,025	2,332	1,869
36	49	96 033	36 163,708	761 751,215	21,064	20,601	86	99	858	83,238	183,929	2,210	1,747
37	50	95 751	35 092,463	725 587,508	20,676	20,214	87	100	509	48,006	100,691	2,097	1,635
38	51	95 449	34 045,674	690 495,044	20,281	19,819							
39	52	95 111	33 017,071	656 449,371	19,882	19,419							
40	53	94 741	32 008,396	623 432,300	19,477	19,014							
41	54	94 335	31 018,222	591 423,904	19,067	18,604							
42	55	93 905	30 050,503	560 405,682	18,649	18,186							
43	56	93 429	29 098,036	530 355,179	18,226	17,764							
44	57	92 911	28 162,122	501 257,143	17,799	17,336							
45	58	92 355	27 244,543	473 095,021	17,365	16,902							
46	59	91 744	26 339,904	445 850,478	16,927	16,464							
47	60	91 085	25 450,786	419 510,573	16,483	16,020							
48	61	90 333	24 565,012	394 059,788	16,042	15,579							
49	62	89 525	23 693,927	369 494,776	15,594	15,132							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	14	99 547	99 547,108	3 043 588,883	30,574	30,112	50	64	88 045	22 678,369	335 921,426	14,812	14,350
1	15	99 151	96 497,645	2 944 041,775	30,509	30,046	51	65	87 048	21 821,539	313 243,057	14,355	13,892
2	16	99 106	93 872,443	2 847 544,131	30,334	29,871	52	66	85 960	20 971,955	291 421,518	13,896	13,433
3	17	99 072	91 328,742	2 753 671,688	30,151	29,688	53	67	84 798	20 134,762	270 449,562	13,432	12,969
4	18	99 043	88 857,799	2 662 342,945	29,962	29,499	54	68	83 559	19 309,743	250 314,801	12,963	12,500
5	19	99 007	86 448,376	2 573 485,146	29,769	29,306	55	69	82 236	18 495,194	231 005,057	12,490	12,027
6	20	98 976	84 108,207	2 487 036,771	29,569	29,107	56	70	80 812	17 688,502	212 509,864	12,014	11,551
7	21	98 943	81 830,318	2 402 928,564	29,365	28,902	57	71	79 292	16 891,282	194 821,362	11,534	11,071
8	22	98 915	79 616,983	2 321 098,246	29,153	28,690	58	72	77 641	16 096,960	177 930,080	11,054	10,591
9	23	98 884	77 462,280	2 241 481,262	28,936	28,474	59	73	75 844	15 303,554	161 833,119	10,575	10,112
10	24	98 854	75 365,928	2 164 018,982	28,713	28,251	60	74	73 899	14 511,954	146 529,565	10,097	9,634
11	25	98 825	73 327,455	2 088 653,054	28,484	28,021	61	75	71 770	13 716,712	132 017,611	9,625	9,162
12	26	98 795	71 343,098	2 015 325,599	28,248	27,786	62	76	69 446	12 917,292	118 300,899	9,158	8,696
13	27	98 760	69 409,515	1 943 982,501	28,007	27,545	63	77	66 933	12 116,637	105 383,607	8,697	8,235
14	28	98 723	67 526,202	1 874 572,986	27,761	27,298	64	78	64 254	11 320,457	93 266,970	8,239	7,776
15	29	98 683	65 692,452	1 807 046,784	27,508	27,045	65	79	61 317	10 513,844	81 946,513	7,794	7,331
16	30	98 637	63 904,537	1 741 354,332	27,249	26,786	66	80	58 201	9 712,458	71 432,669	7,355	6,892
17	31	98 584	62 160,446	1 677 449,796	26,986	26,523	67	81	54 848	8 907,899	61 720,211	6,929	6,466
18	32	98 521	60 458,024	1 615 289,350	26,718	26,255	68	82	51 303	8 109,270	52 812,312	6,513	6,050
19	33	98 438	58 790,749	1 554 831,326	26,447	25,984	69	83	47 546	7 314,231	44 703,042	6,112	5,649
20	34	98 354	57 168,402	1 496 040,577	26,169	25,706	70	84	43 631	6 532,332	37 388,811	5,724	5,261
21	35	98 259	55 584,800	1 438 872,174	25,886	25,423	71	85	39 554	5 763,472	30 856,479	5,354	4,891
22	36	98 167	54 046,388	1 383 287,375	25,594	25,132	72	86	35 377	5 016,774	25 093,007	5,002	4,539
23	37	98 069	52 546,958	1 329 240,986	25,296	24,833	73	87	31 175	4 302,576	20 076,232	4,666	4,203
24	38	97 965	51 086,577	1 276 694,028	24,991	24,528	74	88	26 969	3 622,502	15 773,656	4,354	3,892
25	39	97 856	49 663,812	1 225 607,451	24,678	24,215	75	89	22 869	2 989,620	12 151,154	4,064	3,602
26	40	97 737	48 276,097	1 175 943,639	24,359	23,896	76	90	18 898	2 404,334	9 161,535	3,810	3,348
27	41	97 611	46 923,575	1 127 667,542	24,032	23,569	77	91	15 308	1 895,455	6 757,201	3,565	3,102
28	42	97 471	45 602,228	1 080 743,967	23,699	23,237	78	92	11 999	1 446,032	4 861,746	3,362	2,899
29	43	97 326	44 315,581	1 035 141,739	23,358	22,896	79	93	9 215	1 080,757	3 415,715	3,160	2,698
30	44	97 163	43 057,024	990 826,158	23,012	22,549	80	94	6 875	784,762	2 334,957	2,975	2,513
31	45	96 991	41 830,797	947 769,134	22,657	22,194	81	95	4 976	552,777	1 550,195	2,804	2,342
32	46	96 799	40 630,545	905 938,337	22,297	21,834	82	96	3 483	376,559	997,418	2,649	2,186
33	47	96 592	39 458,362	865 307,792	21,930	21,467	83	97	2 355	247,825	620,859	2,505	2,042
34	48	96 360	38 310,240	825 849,431	21,557	21,094	84	98	1 536	157,344	373,033	2,371	1,908
35	49	96 113	37 189,448	787 539,190	21,176	20,714	85	99	963	95,950	215,690	2,248	1,785
36	50	95 835	36 089,295	750 349,742	20,791	20,329	86	100	578	56,110	119,739	2,134	1,671
37	51	95 540	35 015,155	714 260,446	20,399	19,936							
38	52	95 215	33 962,371	679 245,292	20,000	19,537							
39	53	94 850	32 926,427	645 282,921	19,598	19,135							
40	54	94 456	31 912,162	612 356,494	19,189	18,726							
41	55	94 034	30 919,236	580 444,332	18,773	18,310							
42	56	93 572	29 944,029	549 525,096	18,352	17,889							
43	57	93 077	28 988,273	519 581,068	17,924	17,461							
44	58	92 539	28 049,570	490 592,795	17,490	17,027							
45	59	91 948	27 124,331	462 543,225	17,053	16,590							
46	60	91 311	26 215,527	435 418,893	16,609	16,146							
47	61	90 594	25 313,622	409 203,366	16,165	15,703							
48	62	89 814	24 423,844	383 889,744	15,718	15,255							
49	63	88 961	23 544,474	359 465,900	15,268	14,805							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	15	99 536	99 536,318	3 030 656,330	30,448	29,985	50	65	87 398	22 511,696	325 668,515	14,467	14,004
1	16	99 139	96 485,506	2 931 120,012	30,379	29,916	51	66	86 368	21 651,116	303 156,818	14,002	13,539
2	17	99 091	93 857,998	2 834 634,506	30,201	29,738	52	67	85 224	20 792,556	281 505,702	13,539	13,076
3	18	99 057	91 314,087	2 740 776,507	30,015	29,552	53	68	84 023	19 950,885	260 713,147	13,068	12,605
4	19	99 020	88 837,503	2 649 462,421	29,824	29,361	54	69	82 748	19 122,234	240 762,262	12,591	12,128
5	20	98 987	86 430,521	2 560 624,917	29,626	29,164	55	70	81 362	18 298,747	221 640,028	12,112	11,649
6	21	98 954	84 089,536	2 474 194,397	29,423	28,961	56	71	79 874	17 483,231	203 341,281	11,631	11,168
7	22	98 923	81 813,191	2 390 104,861	29,214	28,751	57	72	78 271	16 673,770	185 858,050	11,147	10,684
8	23	98 892	79 599,123	2 308 291,670	28,999	28,536	58	73	76 517	15 863,913	169 184,280	10,665	10,202
9	24	98 862	77 444,574	2 228 692,547	28,778	28,315	59	74	74 611	15 054,700	153 320,367	10,184	9,721
10	25	98 834	75 350,694	2 151 247,973	28,550	28,087	60	75	72 523	14 241,922	138 265,667	9,708	9,246
11	26	98 803	73 311,325	2 075 897,279	28,316	27,853	61	76	70 230	13 422,380	124 023,745	9,240	8,777
12	27	98 771	71 326,214	2 002 585,954	28,076	27,614	62	77	67 745	12 600,911	110 601,365	8,777	8,314
13	28	98 734	69 390,868	1 931 259,740	27,832	27,369	63	78	65 077	11 780,719	98 000,454	8,319	7,856
14	29	98 698	67 509,127	1 861 868,873	27,580	27,117	64	79	62 194	10 957,430	86 219,735	7,869	7,406
15	30	98 655	65 673,603	1 794 359,746	27,322	26,860	65	80	59 091	10 132,129	75 262,305	7,428	6,965
16	31	98 609	63 886,450	1 728 686,143	27,059	26,596	66	81	55 770	9 306,811	65 130,176	6,998	6,535
17	32	98 554	62 141,672	1 664 799,693	26,790	26,328	67	82	52 237	8 483,969	55 823,364	6,580	6,117
18	33	98 486	60 436,593	1 602 658,021	26,518	26,055	68	83	48 474	7 662,090	47 339,395	6,178	5,716
19	34	98 402	58 769,253	1 542 221,428	26,242	25,779	69	84	44 564	6 855,544	39 677,306	5,788	5,325
20	35	98 312	57 144,119	1 483 452,175	25,960	25,497	70	85	40 476	6 059,942	32 821,761	5,416	4,953
21	36	98 220	55 562,691	1 426 308,056	25,670	25,207	71	86	36 281	5 286,518	26 761,819	5,062	4,599
22	37	98 121	54 020,705	1 370 745,366	25,374	24,912	72	87	32 043	4 544,080	21 475,301	4,726	4,263
23	38	98 016	52 518,915	1 316 724,661	25,071	24,609	73	88	27 799	3 836,643	16 931,221	4,413	3,950
24	39	97 910	51 058,137	1 264 205,746	24,760	24,297	74	89	23 671	3 179,516	13 094,578	4,118	3,656
25	40	97 791	49 630,957	1 213 147,610	24,443	23,981	75	90	19 633	2 566,538	9 915,061	3,863	3,400
26	41	97 668	48 242,004	1 163 516,653	24,118	23,656	76	91	15 973	2 032,153	7 348,524	3,616	3,153
27	42	97 533	46 885,966	1 115 274,649	23,787	23,324	77	92	12 588	1 558,658	5 316,370	3,411	2,948
28	43	97 385	45 561,638	1 068 388,683	23,449	22,986	78	93	9 729	1 172,405	3 757,712	3,205	2,742
29	44	97 226	44 270,204	1 022 827,046	23,104	22,641	79	94	7 305	856,768	2 585,307	3,018	2,555
30	45	97 053	43 008,665	978 556,841	22,753	22,290	80	95	5 322	607,498	1 728,540	2,845	2,383
31	46	96 868	41 777,704	935 548,177	22,393	21,931	81	96	3 757	417,317	1 121,041	2,686	2,223
32	47	96 663	40 573,292	893 770,473	22,029	21,566	82	97	2 561	276,882	703,724	2,542	2,079
33	48	96 434	39 393,842	853 197,181	21,658	21,195	83	98	1 685	177,252	426,842	2,408	1,945
34	49	96 190	38 242,492	813 803,339	21,280	20,817	84	99	1 068	109,324	249,591	2,283	1,820
35	50	95 916	37 112,926	775 560,847	20,897	20,435	85	100	649	64,680	140,267	2,169	1,706
36	51	95 624	36 009,791	738 447,921	20,507	20,044							
37	52	95 306	34 929,480	702 438,131	20,110	19,647							
38	53	94 954	33 869,132	667 508,651	19,708	19,246							
39	54	94 565	32 827,432	633 639,519	19,302	18,839							
40	55	94 155	31 810,323	600 812,087	18,887	18,425							
41	56	93 701	30 809,684	569 001,764	18,468	18,005							
42	57	93 219	29 831,074	538 192,080	18,041	17,579							
43	58	92 705	28 872,419	508 361,007	17,607	17,144							
44	59	92 131	27 925,807	479 488,588	17,170	16,707							
45	60	91 514	26 996,250	451 562,781	16,727	16,264							
46	61	90 819	26 074,242	424 566,531	16,283	15,820							
47	62	90 074	25 168,152	398 492,289	15,833	15,370							
48	63	89 247	24 269,787	373 324,137	15,382	14,919							
49	64	88 361	23 385,835	349 054,349	14,926	14,463							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	16	99 524	99 523,797	3 017 123,937	30,316	29,853	50	66	86 715	22 335,883	315 053,925	14,105	13,642
1	17	99 124	96 470,660	2 917 600,140	30,243	29,781	51	67	85 629	21 465,907	292 718,042	13,636	13,174
2	18	99 075	93 842,937	2 821 129,480	30,062	29,599	52	68	84 446	20 602,672	271 252,135	13,166	12,703
3	19	99 034	91 293,230	2 727 286,543	29,874	29,411	53	69	83 207	19 757,149	250 649,464	12,687	12,224
4	20	99 000	88 819,155	2 635 993,314	29,678	29,215	54	70	81 869	18 919,127	230 892,314	12,204	11,741
5	21	98 965	86 411,334	2 547 174,159	29,477	29,014	55	71	80 418	18 086,395	211 973,188	11,720	11,257
6	22	98 933	84 071,937	2 460 762,825	29,270	28,807	56	72	78 845	17 258,096	193 886,793	11,235	10,772
7	23	98 901	81 794,838	2 376 690,888	29,057	28,594	57	73	77 137	16 432,372	176 628,696	10,749	10,286
8	24	98 870	79 580,928	2 294 896,050	28,837	28,374	58	74	75 272	15 605,947	160 196,325	10,265	9,802
9	25	98 842	77 428,919	2 215 315,122	28,611	28,148	59	75	73 222	14 774,569	144 590,378	9,786	9,324
10	26	98 812	75 334,119	2 137 886,203	28,379	27,916	60	76	70 967	13 936,320	129 815,809	9,315	8,852
11	27	98 780	73 293,974	2 062 552,084	28,141	27,678	61	77	68 510	13 093,628	115 879,489	8,850	8,387
12	28	98 745	71 307,052	1 989 258,110	27,897	27,434	62	78	65 867	12 251,567	102 785,861	8,390	7,927
13	29	98 709	69 373,321	1 917 951,058	27,647	27,184	63	79	62 990	11 402,932	90 534,293	7,940	7,477
14	30	98 670	67 489,757	1 848 577,737	27,390	26,928	64	80	59 936	10 559,610	79 131,362	7,494	7,031
15	31	98 627	65 655,015	1 781 087,980	27,128	26,665	65	81	56 623	9 708,955	68 571,751	7,063	6,600
16	32	98 580	63 867,154	1 715 432,965	26,859	26,397	66	82	53 116	8 863,897	58 862,796	6,641	6,178
17	33	98 519	62 119,645	1 651 565,811	26,587	26,124	67	83	49 357	8 016,126	49 998,900	6,237	5,774
18	34	98 450	60 414,495	1 589 446,166	26,309	25,846	68	84	45 434	7 181,588	41 982,773	5,846	5,383
19	35	98 360	58 744,289	1 529 031,670	26,029	25,566	69	85	41 342	6 359,781	34 801,185	5,472	5,009
20	36	98 273	57 121,389	1 470 287,381	25,740	25,277	70	86	37 126	5 558,453	28 441,404	5,117	4,654
21	37	98 174	55 536,286	1 413 165,992	25,446	24,983	71	87	32 863	4 788,408	22 882,951	4,779	4,316
22	38	98 068	53 991,875	1 357 629,705	25,145	24,682	72	88	28 573	4 051,995	18 094,543	4,466	4,003
23	39	97 962	52 489,677	1 303 637,831	24,836	24,373	73	89	24 399	3 367,471	14 042,548	4,170	3,707
24	40	97 846	51 024,359	1 251 148,154	24,521	24,058	74	90	20 321	2 729,561	10 675,077	3,911	3,448
25	41	97 722	49 595,906	1 200 123,795	24,198	23,735	75	91	16 594	2 169,249	7 945,516	3,663	3,200
26	42	97 590	48 203,338	1 150 527,889	23,868	23,405	76	92	13 134	1 671,067	5 776,267	3,457	2,994
27	43	97 446	46 844,233	1 102 324,551	23,532	23,069	77	93	10 206	1 263,719	4 105,200	3,249	2,786
28	44	97 285	45 514,985	1 055 480,318	23,190	22,727	78	94	7 713	929,421	2 841,480	3,057	2,594
29	45	97 117	44 220,482	1 009 965,332	22,839	22,376	79	95	5 655	663,239	1 912,059	2,883	2,420
30	46	96 930	42 954,077	965 744,850	22,483	22,020	80	96	4 018	458,628	1 248,821	2,723	2,260
31	47	96 732	41 718,834	922 790,774	22,119	21,656	81	97	2 762	306,851	790,192	2,575	2,112
32	48	96 505	40 506,950	881 071,939	21,751	21,288	82	98	1 832	198,034	483,341	2,441	1,978
33	49	96 263	39 324,177	840 564,990	21,375	20,912	83	99	1 170	123,156	285,307	2,317	1,854
34	50	95 992	38 163,802	801 240,812	20,995	20,532	84	100	720	73,695	162,151	2,200	1,737
35	51	95 704	37 031,166	763 077,010	20,606	20,144							
36	52	95 390	35 921,682	726 045,844	20,212	19,749							
37	53	95 044	34 833,586	690 124,162	19,812	19,349							
38	54	94 669	33 767,303	655 290,577	19,406	18,943							
39	55	94 263	32 722,672	621 523,274	18,994	18,531							
40	56	93 821	31 697,614	588 800,602	18,576	18,113							
41	57	93 347	30 693,464	557 102,988	18,151	17,688							
42	58	92 847	29 711,852	526 409,524	17,717	17,254							
43	59	92 296	28 745,025	496 697,673	17,279	16,817							
44	60	91 696	27 793,941	467 952,648	16,836	16,374							
45	61	91 020	26 850,757	440 158,707	16,393	15,930							
46	62	90 297	25 924,401	413 307,950	15,943	15,480							
47	63	89 505	25 009,401	387 383,549	15,490	15,027							
48	64	88 646	24 106,261	362 374,148	15,032	14,570							
49	65	87 712	23 213,963	338 267,887	14,572	14,109							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	17	99 508	99 508,483	3 002 985,806	30,178	29,715	50	67	85 973	22 144,816	304 086,277	13,732	13,269
1	18	99 108	96 455,179	2 903 477,323	30,102	29,639	51	68	84 847	21 269,874	281 941,461	13,255	12,793
2	19	99 053	93 821,502	2 807 022,144	29,919	29,456	52	69	83 626	20 402,607	260 671,588	12,776	12,314
3	20	99 013	91 274,374	2 713 200,642	29,726	29,263	53	70	82 323	19 547,298	240 268,981	12,292	11,829
4	21	98 978	88 799,438	2 621 926,268	29,526	29,064	54	71	80 919	18 699,575	220 721,683	11,804	11,341
5	22	98 944	86 393,249	2 533 126,830	29,321	28,858	55	72	79 382	17 853,493	202 022,107	11,316	10,853
6	23	98 911	84 053,077	2 446 733,582	29,109	28,647	56	73	77 704	17 008,239	184 168,615	10,828	10,365
7	24	98 878	81 776,141	2 362 680,505	28,892	28,429	57	74	75 883	16 165,162	167 160,376	10,341	9,878
8	25	98 850	79 564,842	2 280 904,363	28,667	28,204	58	75	73 872	15 315,559	150 995,214	9,859	9,396
9	26	98 820	77 411,886	2 201 339,521	28,437	27,974	59	76	71 651	14 457,537	135 679,656	9,385	8,922
10	27	98 789	75 316,290	2 123 927,635	28,200	27,737	60	77	69 229	13 594,980	121 222,118	8,917	8,454
11	28	98 753	73 274,284	2 048 611,345	27,958	27,495	61	78	66 610	12 730,624	107 627,138	8,454	7,991
12	29	98 720	71 289,020	1 975 337,061	27,709	27,246	62	79	63 754	11 858,681	94 896,514	8,002	7,539
13	30	98 681	69 353,416	1 904 048,041	27,454	26,991	63	80	60 703	10 988,938	83 037,833	7,556	7,094
14	31	98 642	67 470,655	1 834 694,625	27,192	26,730	64	81	57 432	10 118,582	72 048,895	7,120	6,658
15	32	98 597	65 635,186	1 767 223,969	26,925	26,462	65	82	53 928	9 246,902	61 930,313	6,697	6,235
16	33	98 545	63 844,515	1 701 588,784	26,652	26,189	66	83	50 187	8 375,103	52 683,411	6,290	5,828
17	34	98 483	62 096,932	1 637 744,268	26,374	25,911	67	84	46 262	7 513,422	44 308,307	5,897	5,434
18	35	98 408	60 388,833	1 575 647,337	26,092	25,629	68	85	42 149	6 662,246	36 794,885	5,523	5,060
19	36	98 321	58 720,923	1 515 258,504	25,804	25,342	69	86	37 920	5 833,479	30 132,639	5,165	4,703
20	37	98 227	57 094,244	1 456 537,581	25,511	25,048	70	87	33 628	5 034,721	24 299,159	4,826	4,363
21	38	98 121	55 506,648	1 399 443,336	25,212	24,749	71	88	29 304	4 269,864	19 264,438	4,512	4,049
22	39	98 014	53 961,817	1 343 936,689	24,905	24,443	72	89	25 079	3 556,488	14 994,574	4,216	3,753
23	40	97 897	52 454,952	1 289 974,872	24,592	24,129	73	90	20 946	2 890,917	11 438,087	3,957	3,494
24	41	97 777	50 988,325	1 237 519,920	24,271	23,808	74	91	17 176	2 307,037	8 547,170	3,705	3,242
25	42	97 644	49 556,155	1 186 531,595	23,943	23,480	75	92	13 645	1 783,803	6 240,133	3,498	3,035
26	43	97 503	48 160,433	1 136 975,440	23,608	23,145	76	93	10 649	1 354,858	4 456,330	3,289	2,826
27	44	97 347	46 796,268	1 088 815,008	23,267	22,804	77	94	8 091	1 001,810	3 101,472	3,096	2,633
28	45	97 176	45 463,865	1 042 018,740	22,920	22,457	78	95	5 970	719,481	2 099,662	2,918	2,455
29	46	96 994	44 164,356	996 554,875	22,565	22,102	79	96	4 269	500,709	1 380,181	2,756	2,294
30	47	96 794	42 893,550	952 390,519	22,204	21,741	80	97	2 954	337,227	879,472	2,608	2,145
31	48	96 574	41 650,619	909 496,969	21,836	21,374	81	98	1 976	219,469	542,244	2,471	2,008
32	49	96 334	40 435,316	867 846,350	21,463	21,000	82	99	1 273	137,596	322,776	2,346	1,883
33	50	96 065	39 243,262	827 411,034	21,084	20,621	83	100	789	83,019	185,180	2,231	1,768
34	51	95 780	38 079,727	788 167,772	20,698	20,235							
35	52	95 470	36 940,558	750 088,045	20,305	19,842							
36	53	95 128	35 823,064	713 147,487	19,907	19,445							
37	54	94 759	34 728,857	677 324,423	19,503	19,040							
38	55	94 366	33 659,544	642 595,566	19,091	18,628							
39	56	93 929	32 606,730	608 936,022	18,675	18,212							
40	57	93 467	31 578,044	576 329,292	18,251	17,788							
41	58	92 974	30 570,795	544 751,248	17,819	17,357							
42	59	92 437	29 580,754	514 180,453	17,382	16,919							
43	60	91 860	28 609,290	484 599,699	16,939	16,476							
44	61	91 202	27 644,149	455 990,409	16,495	16,032							
45	62	90 497	26 696,454	428 346,259	16,045	15,582							
46	63	89 727	25 760,879	401 649,805	15,591	15,129							
47	64	88 902	24 840,891	375 888,926	15,132	14,669							
48	65	87 994	23 929,094	351 048,036	14,670	14,208							
49	66	87 027	23 032,665	327 118,942	14,202	13,740							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	18	99 493	99 492,515	2 988 237,094	30,035	29,572	50	68	85 188	21 942,582	292 780,863	13,343	12,880
1	19	99 085	96 433,147	2 888 744,579	29,956	29,493	51	69	84 023	21 063,330	270 838,281	12,858	12,395
2	20	99 032	93 802,124	2 792 311,432	29,768	29,305	52	70	82 738	20 185,900	249 774,951	12,374	11,911
3	21	98 992	91 254,112	2 698 509,308	29,571	29,109	53	71	81 368	19 320,457	229 589,051	11,883	11,420
4	22	98 957	88 780,853	2 607 255,196	29,367	28,904	54	72	79 877	18 458,777	210 268,593	11,391	10,928
5	23	98 922	86 373,868	2 518 474,343	29,158	28,695	55	73	78 233	17 595,015	191 809,816	10,901	10,439
6	24	98 888	84 033,864	2 432 100,475	28,942	28,479	56	74	76 440	16 731,664	174 214,801	10,412	9,949
7	25	98 858	81 759,611	2 348 066,611	28,719	28,256	57	75	74 471	15 864,368	157 483,137	9,927	9,464
8	26	98 828	79 547,339	2 266 307,000	28,490	28,027	58	76	72 287	14 986,918	141 618,769	9,449	8,987
9	27	98 796	77 393,566	2 186 759,660	28,255	27,792	59	77	69 896	14 103,432	126 631,851	8,979	8,516
10	28	98 762	75 296,056	2 109 366,095	28,014	27,551	60	78	67 310	13 218,077	112 528,419	8,513	8,050
11	29	98 728	73 255,755	2 034 070,039	27,767	27,304	61	79	64 474	12 322,375	99 310,342	8,059	7,597
12	30	98 692	71 268,566	1 960 814,284	27,513	27,050	62	80	61 440	11 428,140	86 987,967	7,612	7,149
13	31	98 653	69 333,787	1 889 545,718	27,253	26,790	63	81	58 168	10 529,978	75 559,826	7,176	6,713
14	32	98 612	67 450,277	1 820 211,931	26,986	26,523	64	82	54 699	9 637,035	65 029,848	6,748	6,285
15	33	98 562	65 611,920	1 752 761,653	26,714	26,251	65	83	50 954	8 736,988	55 392,813	6,340	5,877
16	34	98 509	63 821,171	1 687 149,733	26,436	25,973	66	84	47 040	7 849,887	46 655,824	5,944	5,481
17	35	98 441	62 070,554	1 623 328,562	26,153	25,690	67	85	42 916	6 970,084	38 805,937	5,567	5,105
18	36	98 369	60 364,813	1 561 258,008	25,864	25,401	68	86	38 661	6 110,915	31 835,853	5,210	4,747
19	37	98 275	58 693,018	1 500 893,195	25,572	25,109	69	87	34 348	5 283,833	25 724,938	4,869	4,406
20	38	98 174	57 063,774	1 442 200,176	25,273	24,811	70	88	29 987	4 489,503	20 441,105	4,553	4,090
21	39	98 067	55 475,746	1 385 136,402	24,968	24,506	71	89	25 720	3 747,714	15 951,602	4,256	3,794
22	40	97 949	53 926,118	1 329 660,656	24,657	24,194	72	90	21 530	3 053,184	12 203,888	3,997	3,534
23	41	97 828	52 417,907	1 275 734,538	24,338	23,875	73	91	17 704	2 443,416	9 150,703	3,745	3,282
24	42	97 698	50 947,458	1 223 316,631	24,011	23,549	74	92	14 124	1 897,108	6 707,288	3,536	3,073
25	43	97 557	49 512,046	1 172 369,173	23,678	23,216	75	93	11 063	1 446,261	4 810,180	3,326	2,863
26	44	97 403	48 111,119	1 122 857,127	23,339	22,876	76	94	8 442	1 074,060	3 363,919	3,132	2,669
27	45	97 237	46 743,708	1 074 746,008	22,992	22,529	77	95	6 263	775,519	2 289,859	2,953	2,490
28	46	97 052	45 406,161	1 028 002,300	22,640	22,177	78	96	4 507	543,169	1 514,340	2,788	2,325
29	47	96 857	44 102,123	982 596,139	22,280	21,817	79	97	3 139	368,169	971,171	2,638	2,175
30	48	96 635	42 823,414	938 494,015	21,915	21,453	80	98	2 113	241,195	603,002	2,500	2,037
31	49	96 403	41 576,963	895 670,602	21,542	21,080	81	99	1 373	152,489	361,807	2,373	1,910
32	50	96 136	40 352,114	854 093,639	21,166	20,703	82	100	858	92,753	209,318	2,257	1,794
33	51	95 853	39 156,809	813 741,524	20,782	20,319							
34	52	95 546	37 986,554	774 584,715	20,391	19,928							
35	53	95 208	36 839,143	736 598,162	19,995	19,532							
36	54	94 842	35 715,360	699 759,019	19,593	19,130							
37	55	94 456	34 618,029	664 043,659	19,182	18,719							
38	56	94 032	33 540,282	629 425,629	18,766	18,303							
39	57	93 574	32 483,731	595 885,347	18,344	17,881							
40	58	93 093	31 451,840	563 401,616	17,913	17,450							
41	59	92 564	30 435,907	531 949,775	17,478	17,015							
42	60	92 001	29 441,073	501 513,868	17,034	16,572							
43	61	91 365	28 455,105	472 072,795	16,590	16,127							
44	62	90 678	27 485,286	443 617,690	16,140	15,677							
45	63	89 927	26 528,062	416 132,404	15,686	15,224							
46	64	89 123	25 587,306	389 604,342	15,226	14,764							
47	65	88 249	24 658,325	364 017,036	14,762	14,300							
48	66	87 307	23 742,211	339 358,711	14,293	13,831							
49	67	86 283	22 835,637	315 616,500	13,821	13,358							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	19	99 470	99 469,790	2 972 870,625	29,887	29,424	50	69	84 361	21 729,506	281 149,227	12,939	12,476
1	20	99 065	96 413,230	2 873 400,835	29,803	29,340	51	70	83 131	20 839,605	259 419,721	12,448	11,986
2	21	99 010	93 781,301	2 776 987,605	29,611	29,148	52	71	81 778	19 951,648	238 580,116	11,958	11,495
3	22	98 971	91 235,013	2 683 206,304	29,410	28,947	53	72	80 320	19 071,664	218 628,468	11,464	11,001
4	23	98 935	88 760,937	2 591 971,291	29,202	28,739	54	73	78 721	18 191,536	199 556,803	10,970	10,507
5	24	98 899	86 354,125	2 503 210,354	28,988	28,525	55	74	76 961	17 308,899	181 365,267	10,478	10,015
6	25	98 868	84 016,878	2 416 856,229	28,766	28,303	56	75	75 018	16 420,329	164 056,368	9,991	9,528
7	26	98 836	81 741,626	2 332 839,352	28,539	28,076	57	76	72 873	15 523,951	147 636,039	9,510	9,047
8	27	98 805	79 528,513	2 251 097,726	28,306	27,843	58	77	70 516	14 619,847	132 112,088	9,036	8,574
9	28	98 770	77 372,774	2 171 569,213	28,066	27,604	59	78	67 958	13 712,432	117 492,241	8,568	8,105
10	29	98 737	75 277,016	2 094 196,439	27,820	27,357	60	79	65 151	12 794,196	103 779,809	8,111	7,649
11	30	98 700	73 234,736	2 018 919,423	27,568	27,105	61	80	62 133	11 875,000	90 985,613	7,662	7,199
12	31	98 664	71 248,395	1 945 684,686	27,308	26,846	62	81	58 874	10 950,837	79 110,613	7,224	6,761
13	32	98 623	69 312,846	1 874 436,292	27,043	26,580	63	82	55 400	10 028,853	68 159,775	6,796	6,334
14	33	98 577	67 426,368	1 805 123,445	26,772	26,309	64	83	51 683	9 105,608	58 130,922	6,384	5,921
15	34	98 526	65 587,930	1 737 697,077	26,494	26,031	65	84	47 759	8 189,078	49 025,314	5,987	5,524
16	35	98 467	63 794,062	1 672 109,147	26,211	25,748	66	85	43 638	7 282,217	40 836,236	5,608	5,145
17	36	98 402	62 045,865	1 608 315,085	25,921	25,459	67	86	39 365	6 393,277	33 554,019	5,248	4,786
18	37	98 322	60 336,127	1 546 269,220	25,628	25,165	68	87	35 018	5 535,128	27 160,742	4,907	4,444
19	38	98 222	58 661,695	1 485 933,093	25,331	24,868	69	88	30 628	4 711,639	21 625,614	4,590	4,127
20	39	98 119	57 032,006	1 427 271,398	25,026	24,563	70	89	26 320	3 940,495	16 913,976	4,292	3,830
21	40	98 002	55 439,046	1 370 239,393	24,716	24,253	71	90	22 080	3 217,349	12 973,481	4,032	3,570
22	41	97 880	53 888,034	1 314 800,346	24,399	23,936	72	91	18 197	2 580,565	9 756,132	3,781	3,318
23	42	97 749	52 375,894	1 260 912,312	24,074	23,611	73	92	14 558	2 009,254	7 175,567	3,571	3,108
24	43	97 611	50 902,110	1 208 536,418	23,742	23,280	74	93	11 451	1 538,126	5 166,313	3,359	2,896
25	44	97 457	49 461,349	1 157 634,308	23,405	22,942	75	94	8 770	1 146,520	3 628,188	3,165	2,702
26	45	97 294	48 057,083	1 108 172,959	23,060	22,597	76	95	6 535	831,449	2 481,668	2,985	2,522
27	46	97 114	46 684,380	1 060 115,876	22,708	22,245	77	96	4 728	585,475	1 650,220	2,819	2,356
28	47	96 916	45 342,179	1 013 431,497	22,351	21,888	78	97	3 314	399,390	1 064,745	2,666	2,203
29	48	96 699	44 030,011	968 089,318	21,987	21,524	79	98	2 245	263,325	665,355	2,527	2,064
30	49	96 464	42 747,683	924 059,307	21,617	21,154	80	99	1 468	167,584	402,030	2,399	1,936
31	50	96 204	41 491,412	881 311,623	21,241	20,778	81	100	925	102,792	234,446	2,281	1,818
32	51	95 924	40 263,219	839 820,211	20,858	20,395							
33	52	95 619	39 061,000	799 556,992	20,469	20,007							
34	53	95 284	37 882,267	760 495,992	20,075	19,612							
35	54	94 922	36 728,384	722 613,725	19,675	19,212							
36	55	94 539	35 601,385	685 885,341	19,266	18,803							
37	56	94 121	34 495,372	650 283,956	18,851	18,389							
38	57	93 677	33 413,761	615 788,584	18,429	17,966							
39	58	93 200	32 353,908	582 374,823	18,000	17,537							
40	59	92 683	31 313,065	550 020,915	17,565	17,102							
41	60	92 127	30 292,188	518 707,850	17,123	16,661							
42	61	91 505	29 282,405	488 415,662	16,679	16,217							
43	62	90 840	28 291,582	459 133,257	16,229	15,766							
44	63	90 106	27 311,919	430 841,676	15,775	15,312							
45	64	89 321	26 349,320	403 529,757	15,315	14,852							
46	65	88 468	25 399,254	377 180,437	14,850	14,387							
47	66	87 560	24 465,746	351 781,183	14,379	13,916							
48	67	86 560	23 539,114	327 315,436	13,905	13,442							
49	68	85 495	22 627,095	303 776,323	13,425	12,963							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	20	99 449	99 449,245	2 956 885,246	29,733	29,270	50	70	83 465	21 498,706	269 202,832	12,522	12,059
1	21	99 043	96 391,827	2 857 436,001	29,644	29,181	51	71	82 166	20 597,767	247 704,127	12,026	11,563
2	22	98 989	93 761,673	2 761 044,173	29,447	28,985	52	72	80 724	19 694,727	227 106,359	11,531	11,069
3	23	98 949	91 214,547	2 667 282,500	29,242	28,779	53	73	79 157	18 795,550	207 411,632	11,035	10,572
4	24	98 912	88 740,648	2 576 067,953	29,029	28,566	54	74	77 440	17 895,720	188 616,082	10,540	10,077
5	25	98 879	86 336,669	2 487 327,306	28,810	28,347	55	75	75 529	16 986,823	170 720,362	10,050	9,587
6	26	98 847	83 998,396	2 400 990,636	28,584	28,121	56	76	73 408	16 067,983	153 733,539	9,568	9,105
7	27	98 813	81 722,281	2 316 992,241	28,352	27,889	57	77	71 088	15 143,726	137 665,556	9,091	8,628
8	28	98 778	79 507,148	2 235 269,960	28,114	27,651	58	78	68 561	14 214,530	122 521,830	8,619	8,157
9	29	98 745	77 353,209	2 155 762,812	27,869	27,406	59	79	65 779	13 272,698	108 307,300	8,160	7,697
10	30	98 709	75 255,417	2 078 409,604	27,618	27,155	60	80	62 786	12 329,691	95 034,602	7,708	7,245
11	31	98 672	73 214,009	2 003 154,186	27,360	26,897	61	81	59 538	11 379,034	82 704,910	7,268	6,805
12	32	98 634	71 226,876	1 929 940,178	27,096	26,633	62	82	56 072	10 429,683	71 325,877	6,839	6,376
13	33	98 588	69 288,277	1 858 713,302	26,826	26,363	63	83	52 345	9 475,819	60 896,193	6,426	5,964
14	34	98 541	67 401,715	1 789 425,025	26,549	26,086	64	84	48 442	8 534,581	51 420,374	6,025	5,562
15	35	98 484	65 560,070	1 722 023,310	26,266	25,804	65	85	44 305	7 596,879	42 885,794	5,645	5,182
16	36	98 428	63 768,687	1 656 463,240	25,976	25,513	66	86	40 027	6 679,580	35 288,915	5,283	4,820
17	37	98 355	62 016,380	1 592 694,553	25,682	25,219	67	87	35 656	5 790,885	28 609,335	4,940	4,478
18	38	98 269	60 303,926	1 530 678,173	25,383	24,920	68	88	31 226	4 935,720	22 818,450	4,623	4,160
19	39	98 167	58 629,037	1 470 374,246	25,079	24,616	69	89	26 883	4 135,466	17 882,730	4,324	3,861
20	40	98 055	56 994,276	1 411 745,209	24,770	24,307	70	90	22 595	3 382,848	13 747,264	4,064	3,601
21	41	97 933	55 399,894	1 354 750,933	24,454	23,991	71	91	18 663	2 719,318	10 364,416	3,811	3,349
22	42	97 801	53 844,843	1 299 351,039	24,131	23,669	72	92	14 964	2 122,033	7 645,098	3,603	3,140
23	43	97 662	52 329,275	1 245 506,196	23,801	23,339	73	93	11 803	1 629,051	5 523,065	3,390	2,928
24	44	97 511	50 849,989	1 193 176,921	23,465	23,002	74	94	9 078	1 219,345	3 894,014	3,194	2,731
25	45	97 347	49 405,796	1 142 326,932	23,121	22,658	75	95	6 789	887,541	2 674,669	3,014	2,551
26	46	97 170	47 996,087	1 092 921,136	22,771	22,308	76	96	4 934	627,699	1 787,128	2,847	2,384
27	47	96 977	46 618,596	1 044 925,048	22,414	21,952	77	97	3 477	430,497	1 159,430	2,693	2,230
28	48	96 757	45 268,039	998 306,452	22,053	21,590	78	98	2 370	285,655	728,933	2,552	2,089
29	49	96 528	43 952,147	953 038,413	21,684	21,221	79	99	1 560	182,961	443,278	2,423	1,960
30	50	96 266	42 659,724	909 086,266	21,310	20,847	80	100	990	112,968	260,317	2,304	1,842
31	51	95 992	41 400,007	866 426,542	20,928	20,465							
32	52	95 689	40 164,703	825 026,536	20,541	20,078							
33	53	95 356	38 953,763	784 861,833	20,149	19,686							
34	54	94 997	37 768,372	745 908,069	19,750	19,287							
35	55	94 619	36 611,176	708 139,697	19,342	18,879							
36	56	94 204	35 475,243	671 528,521	18,929	18,467							
37	57	93 766	34 365,248	636 053,278	18,509	18,046							
38	58	93 303	33 280,221	601 688,030	18,079	17,617							
39	59	92 789	32 211,152	568 407,809	17,646	17,183							
40	60	92 245	31 165,204	536 196,656	17,205	16,742							
41	61	91 630	30 128,933	505 031,452	16,762	16,300							
42	62	90 979	29 114,127	474 902,519	16,312	15,849							
43	63	90 267	28 113,128	445 788,392	15,857	15,394							
44	64	89 499	27 127,895	417 675,264	15,397	14,934							
45	65	88 664	26 155,668	390 547,369	14,932	14,469							
46	66	87 777	25 200,889	364 391,701	14,459	13,997							
47	67	86 811	24 256,460	339 190,812	13,984	13,521							
48	68	85 770	23 324,147	314 934,352	13,503	13,040							
49	69	84 664	22 407,372	291 610,204	13,014	12,551							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	21	99 427	99 427,169	2 940 270,421	29,572	29,109	50	71	82 496	21 249,219	256 960,409	12,093	11,630
1	22	99 022	96 371,653	2 840 843,252	29,478	29,015	51	72	81 108	20 332,526	235 711,190	11,593	11,130
2	23	98 967	93 740,640	2 744 471,599	29,277	28,814	52	73	79 556	19 409,592	215 378,664	11,097	10,634
3	24	98 926	91 193,697	2 650 730,959	29,067	28,604	53	74	77 870	18 489,912	195 969,071	10,599	10,136
4	25	98 892	88 722,710	2 559 537,262	28,849	28,386	54	75	76 000	17 562,725	177 479,160	10,105	9,643
5	26	98 857	86 317,677	2 470 814,552	28,625	28,162	55	76	73 908	16 622,321	159 916,435	9,621	9,158
6	27	98 823	83 978,516	2 384 496,875	28,394	27,931	56	77	71 610	15 674,433	143 294,114	9,142	8,679
7	28	98 786	81 700,326	2 300 518,359	28,158	27,695	57	78	69 117	14 723,886	127 619,681	8,668	8,205
8	29	98 753	79 487,043	2 218 818,033	27,914	27,451	58	79	66 363	13 758,695	112 895,796	8,205	7,743
9	30	98 717	77 331,014	2 139 330,990	27,665	27,202	59	80	63 391	12 790,821	99 137,100	7,751	7,288
10	31	98 681	75 234,118	2 061 999,976	27,408	26,945	60	81	60 164	11 814,734	86 346,280	7,308	6,846
11	32	98 642	73 191,896	1 986 765,858	27,145	26,682	61	82	56 705	10 837,502	74 531,545	6,877	6,414
12	33	98 599	71 201,628	1 913 573,962	26,875	26,413	62	83	52 980	9 854,546	63 694,043	6,463	6,001
13	34	98 552	69 262,943	1 842 372,334	26,600	26,137	63	84	49 062	8 881,575	53 839,498	6,062	5,599
14	35	98 499	67 373,084	1 773 109,391	26,318	25,855	64	85	44 939	7 917,396	44 957,923	5,678	5,216
15	36	98 445	65 533,993	1 705 736,307	26,028	25,565	65	86	40 639	6 968,202	37 040,526	5,316	4,853
16	37	98 381	63 738,383	1 640 202,314	25,733	25,271	66	87	36 255	6 050,212	30 072,324	4,970	4,508
17	38	98 303	61 983,283	1 576 463,931	25,434	24,971	67	88	31 794	5 163,781	24 022,112	4,652	4,189
18	39	98 215	60 270,354	1 514 480,648	25,128	24,665	68	89	27 407	4 332,145	18 858,331	4,353	3,890
19	40	98 103	58 590,251	1 454 210,293	24,820	24,357	69	90	23 078	3 550,227	14 526,186	4,092	3,629
20	41	97 985	56 954,025	1 395 620,042	24,504	24,042	70	91	19 097	2 859,198	10 975,959	3,839	3,376
21	42	97 854	55 355,491	1 338 666,017	24,183	23,720	71	92	15 346	2 236,132	8 116,761	3,630	3,167
22	43	97 714	53 796,917	1 283 310,526	23,855	23,392	72	93	12 132	1 720,490	5 880,630	3,418	2,955
23	44	97 562	52 275,693	1 229 513,609	23,520	23,057	73	94	9 357	1 291,426	4 160,140	3,221	2,759
24	45	97 402	50 792,877	1 177 237,916	23,177	22,714	74	95	7 027	943,916	2 868,714	3,039	2,576
25	46	97 224	49 343,088	1 126 445,039	22,829	22,366	75	96	5 126	670,045	1 924,798	2,873	2,410
26	47	97 033	47 928,456	1 077 101,951	22,473	22,010	76	97	3 628	461,544	1 254,753	2,719	2,256
27	48	96 818	46 542,369	1 029 173,495	22,113	21,650	77	98	2 487	307,904	793,209	2,576	2,113
28	49	96 586	45 187,986	982 631,126	21,745	21,283	78	99	1 647	198,475	485,305	2,445	1,982
29	50	96 329	43 861,709	937 443,140	21,373	20,910	79	100	1 052	123,333	286,830	2,326	1,863
30	51	96 054	42 565,744	893 581,431	20,993	20,530							
31	52	95 758	41 298,709	851 015,687	20,606	20,144							
32	53	95 427	40 054,436	809 716,978	20,215	19,753							
33	54	95 070	38 836,647	769 662,542	19,818	19,355							
34	55	94 694	37 647,845	730 825,894	19,412	18,949							
35	56	94 284	36 481,456	693 178,050	19,001	18,538							
36	57	93 849	35 341,423	656 696,593	18,581	18,119							
37	58	93 392	34 227,905	621 355,170	18,153	17,691							
38	59	92 891	33 133,379	587 127,264	17,720	17,257							
39	60	92 351	32 059,051	553 993,886	17,280	16,818							
40	61	91 748	30 997,244	521 934,835	16,838	16,375							
41	62	91 104	29 955,791	490 937,592	16,389	15,926							
42	63	90 405	28 930,486	460 981,801	15,934	15,471							
43	64	89 659	27 923,706	432 051,315	15,473	15,010							
44	65	88 841	26 928,521	404 127,609	15,007	14,545							
45	66	87 972	25 951,395	377 199,088	14,535	14,072							
46	67	87 026	24 985,314	351 247,693	14,058	13,595							
47	68	86 018	24 034,943	326 262,378	13,575	13,112							
48	69	84 937	23 097,655	302 227,436	13,085	12,622							
49	70	83 765	22 169,372	279 129,781	12,591	12,128							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	22	99 406	99 406,360	2 923 018,972	29,405	28,942	50	72	81 434	20 975,589	244 442,054	11,654	11,191
1	23	99 000	96 350,034	2 823 612,612	29,306	28,843	51	73	79 934	20 038,157	223 466,465	11,152	10,689
2	24	98 945	93 719,212	2 727 262,578	29,100	28,638	52	74	78 262	19 093,969	203 428,308	10,654	10,191
3	25	98 906	91 175,263	2 633 543,365	28,884	28,422	53	75	76 421	18 145,860	184 334,339	10,158	9,696
4	26	98 870	88 703,193	2 542 368,102	28,662	28,199	54	76	74 369	17 185,865	166 188,479	9,670	9,207
5	27	98 834	86 297,249	2 453 664,910	28,433	27,970	55	77	72 098	16 215,193	149 002,614	9,189	8,726
6	28	98 797	83 955,955	2 367 367,661	28,198	27,735	56	78	69 625	15 239,879	132 787,420	8,713	8,250
7	29	98 761	81 679,666	2 283 411,705	27,956	27,493	57	79	66 901	14 251,716	117 547,541	8,248	7,785
8	30	98 725	79 464,236	2 201 732,039	27,707	27,244	58	80	63 953	13 259,173	103 295,824	7,791	7,328
9	31	98 689	77 309,127	2 122 267,803	27,452	26,989	59	81	60 743	12 256,605	90 036,652	7,346	6,883
10	32	98 651	75 211,395	2 044 958,676	27,189	26,727	60	82	57 300	11 252,467	77 780,047	6,912	6,449
11	33	98 607	73 165,952	1 969 747,281	26,922	26,459	61	83	53 578	10 239,875	66 527,580	6,497	6,034
12	34	98 563	71 175,594	1 896 581,329	26,647	26,184	62	84	49 657	9 236,551	56 287,704	6,094	5,631
13	35	98 510	69 233,521	1 825 405,735	26,366	25,903	63	85	45 514	8 239,298	47 051,153	5,711	5,248
14	36	98 460	67 346,286	1 756 172,213	26,077	25,614	64	86	41 220	7 262,195	38 811,855	5,344	4,882
15	37	98 398	65 502,850	1 688 825,927	25,782	25,320	65	87	36 810	6 311,639	31 549,660	4,999	4,536
16	38	98 328	63 704,367	1 623 323,077	25,482	25,019	66	88	32 329	5 395,025	25 238,021	4,678	4,215
17	39	98 248	61 948,776	1 559 618,710	25,176	24,713	67	89	27 906	4 532,317	19 842,996	4,378	3,915
18	40	98 150	60 230,482	1 497 669,933	24,866	24,403	68	90	23 529	3 719,073	15 310,679	4,117	3,654
19	41	98 033	58 548,873	1 437 439,451	24,551	24,088	69	91	19 506	3 000,668	11 591,606	3,863	3,400
20	42	97 907	56 908,377	1 378 890,578	24,230	23,767	70	92	15 704	2 351,157	8 590,938	3,654	3,191
21	43	97 767	55 306,220	1 321 982,201	23,903	23,440	71	93	12 442	1 812,998	6 239,781	3,442	2,979
22	44	97 614	53 741,832	1 266 675,981	23,570	23,107	72	94	9 618	1 363,914	4 426,784	3,246	2,783
23	45	97 453	52 216,979	1 212 934,149	23,229	22,766	73	95	7 244	999,715	3 062,870	3,064	2,601
24	46	97 278	50 728,409	1 160 717,170	22,881	22,418	74	96	5 305	712,606	2 063,155	2,895	2,432
25	47	97 087	49 273,559	1 109 988,761	22,527	22,064	75	97	3 769	492,681	1 350,549	2,741	2,278
26	48	96 875	47 850,087	1 060 715,202	22,167	21,705	76	98	2 595	330,109	857,868	2,599	2,136
27	49	96 647	46 460,062	1 012 865,115	21,801	21,338	77	99	1 728	213,934	527,759	2,467	2,004
28	50	96 387	45 095,004	966 405,053	21,430	20,968	78	100	1 110	133,792	313,825	2,346	1,883
29	51	96 117	43 765,082	921 310,048	21,051	20,588							
30	52	95 819	42 461,595	877 544,967	20,667	20,204							
31	53	95 495	41 185,329	835 083,372	20,276	19,813							
32	54	95 140	39 934,011	793 898,043	19,880	19,417							
33	55	94 766	38 712,711	753 964,032	19,476	19,013							
34	56	94 358	37 514,452	715 251,321	19,066	18,603							
35	57	93 928	36 343,841	677 736,869	18,648	18,185							
36	58	93 474	35 200,179	641 393,028	18,221	17,758							
37	59	92 980	34 076,881	606 192,849	17,789	17,326							
38	60	92 453	32 976,922	572 115,968	17,349	16,886							
39	61	91 853	31 886,273	539 139,046	16,908	16,445							
40	62	91 221	30 819,112	507 252,773	16,459	15,996							
41	63	90 529	29 766,840	476 433,661	16,006	15,543							
42	64	89 796	28 735,556	446 666,821	15,544	15,081							
43	65	89 000	27 718,483	417 931,265	15,078	14,615							
44	66	88 147	26 718,213	390 212,782	14,605	14,142							
45	67	87 219	25 729,400	363 494,569	14,128	13,665							
46	68	86 231	24 757,141	337 765,168	13,643	13,180							
47	69	85 183	23 801,548	313 008,028	13,151	12,688							
48	70	84 035	22 852,323	289 206,479	12,655	12,193							
49	71	82 793	21 912,102	266 354,156	12,156	11,693							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	23	99 384	99 384,060	2 905 120,419	29,231	28,768	50	73	80 255	20 671,910	231 673,865	11,207	10,744
1	24	98 977	96 328,011	2 805 736,359	29,127	28,664	51	74	78 634	19 712,313	211 001,954	10,704	10,241
2	25	98 925	93 700,268	2 709 408,348	28,916	28,453	52	75	76 806	18 738,677	191 289,642	10,208	9,745
3	26	98 884	91 155,206	2 615 708,080	28,695	28,232	53	76	74 781	17 756,487	172 550,964	9,718	9,255
4	27	98 847	88 682,200	2 524 552,874	28,467	28,005	54	77	72 547	16 764,935	154 794,477	9,233	8,770
5	28	98 807	86 274,065	2 435 870,674	28,234	27,771	55	78	70 099	15 765,648	138 029,542	8,755	8,292
6	29	98 772	83 934,725	2 349 596,609	27,993	27,530	56	79	67 392	14 751,163	122 263,894	8,288	7,826
7	30	98 733	81 656,231	2 265 661,884	27,746	27,284	57	80	64 472	13 734,295	107 512,731	7,828	7,365
8	31	98 697	79 441,745	2 184 005,653	27,492	27,029	58	81	61 282	12 705,396	93 778,436	7,381	6,918
9	32	98 659	77 285,778	2 104 563,908	27,231	26,768	59	82	57 852	11 673,309	81 073,040	6,945	6,482
10	33	98 616	75 184,735	2 027 278,130	26,964	26,501	60	83	54 141	10 631,958	69 399,732	6,527	6,065
11	34	98 571	73 139,200	1 952 093,395	26,690	26,227	61	84	50 218	9 597,716	58 767,774	6,123	5,660
12	35	98 521	71 145,361	1 878 954,195	26,410	25,947	62	85	46 066	8 568,604	49 170,058	5,738	5,276
13	36	98 471	69 205,984	1 807 808,835	26,122	25,659	63	86	41 748	7 557,458	40 601,454	5,372	4,910
14	37	98 413	67 314,282	1 738 602,851	25,828	25,365	64	87	37 336	6 577,932	33 043,996	5,023	4,561
15	38	98 346	65 467,892	1 671 288,569	25,528	25,066	65	88	32 823	5 628,142	26 466,065	4,702	4,240
16	39	98 274	63 668,902	1 605 820,677	25,221	24,759	66	89	28 376	4 735,283	20 837,923	4,401	3,938
17	40	98 183	61 907,794	1 542 151,774	24,910	24,448	67	90	23 957	3 890,917	16 102,640	4,139	3,676
18	41	98 080	60 187,946	1 480 243,980	24,594	24,131	68	91	19 887	3 143,377	12 211,723	3,885	3,422
19	42	97 955	58 501,946	1 420 056,034	24,274	23,811	69	92	16 040	2 467,489	9 068,346	3,675	3,212
20	43	97 820	56 857,724	1 361 554,088	23,947	23,484	70	93	12 732	1 906,257	6 600,857	3,463	3,000
21	44	97 667	55 249,590	1 304 696,364	23,615	23,152	71	94	9 864	1 437,249	4 694,600	3,266	2,804
22	45	97 505	53 681,472	1 249 446,775	23,275	22,812	72	95	7 445	1 055,829	3 257,351	3,085	2,622
23	46	97 329	52 150,704	1 195 765,303	22,929	22,466	73	96	5 468	754,731	2 201,521	2,917	2,454
24	47	97 141	50 656,927	1 143 614,599	22,576	22,113	74	97	3 901	523,976	1 446,791	2,761	2,298
25	48	96 928	49 192,990	1 092 957,672	22,218	21,755	75	98	2 696	352,380	922,815	2,619	2,156
26	49	96 703	47 765,468	1 043 764,682	21,852	21,389	76	99	1 803	229,363	570,435	2,487	2,024
27	50	96 448	46 364,464	995 999,214	21,482	21,019	77	100	1 165	144,212	341,072	2,365	1,902
28	51	96 175	44 995,660	949 634,750	21,105	20,642							
29	52	95 882	43 657,998	904 639,090	20,721	20,258							
30	53	95 556	42 345,022	860 981,093	20,333	19,870							
31	54	95 208	41 061,504	818 636,071	19,937	19,474							
32	55	94 836	39 806,572	777 574,567	19,534	19,071							
33	56	94 431	38 575,545	737 767,995	19,125	18,662							
34	57	94 003	37 372,940	699 192,449	18,709	18,246							
35	58	93 553	36 198,590	661 819,509	18,283	17,820							
36	59	93 062	35 044,865	625 620,919	17,852	17,389							
37	60	92 541	33 915,970	590 576,054	17,413	16,950							
38	61	91 954	32 799,198	556 660,084	16,972	16,509							
39	62	91 326	31 703,032	523 860,887	16,524	16,061							
40	63	90 645	30 624,715	492 157,855	16,071	15,608							
41	64	89 919	29 566,276	461 533,139	15,610	15,147							
42	65	89 136	28 524,367	431 966,864	15,144	14,681							
43	66	88 305	27 502,005	403 442,497	14,670	14,207							
44	67	87 393	26 489,658	375 940,492	14,192	13,729							
45	68	86 423	25 494,432	349 450,833	13,707	13,244							
46	69	85 394	24 516,733	323 956,402	13,214	12,751							
47	70	84 278	23 548,740	299 439,668	12,716	12,253							
48	71	83 059	22 587,128	275 890,929	12,215	11,752							
49	72	81 727	21 629,936	253 303,801	11,711	11,248							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	24	99 361	99 361,342	2 886 566,614	29,051	28,588	50	74	78 950	20 335,760	218 688,578	10,754	10,291
1	25	98 957	96 308,539	2 787 205,272	28,940	28,478	51	75	77 171	19 345,515	198 352,818	10,253	9,790
2	26	98 903	93 679,656	2 690 896,733	28,724	28,262	52	76	75 158	18 336,584	179 007,303	9,762	9,299
3	27	98 861	91 133,633	2 597 217,077	28,499	28,036	53	77	72 950	17 321,581	160 670,719	9,276	8,813
4	28	98 821	88 658,375	2 506 083,444	28,267	27,804	54	78	70 536	16 300,149	143 349,137	8,794	8,332
5	29	98 782	86 252,249	2 417 425,068	28,027	27,565	55	79	67 851	15 260,071	127 048,989	8,326	7,863
6	30	98 743	83 910,643	2 331 172,820	27,782	27,319	56	80	64 945	14 215,608	111 788,917	7,864	7,401
7	31	98 705	81 633,119	2 247 262,177	27,529	27,066	57	81	61 779	13 160,674	97 573,309	7,414	6,951
8	32	98 667	79 417,752	2 165 629,057	27,269	26,806	58	82	58 366	12 100,742	84 412,635	6,976	6,513
9	33	98 624	77 258,382	2 086 211,305	27,003	26,540	59	83	54 662	11 029,592	72 311,894	6,556	6,093
10	34	98 580	75 157,244	2 008 952,923	26,730	26,267	60	84	50 745	9 965,211	61 282,301	6,150	5,687
11	35	98 529	73 108,132	1 933 795,679	26,451	25,988	61	85	46 586	8 903,651	51 317,091	5,764	5,301
12	36	98 482	71 117,062	1 860 687,547	26,164	25,701	62	86	42 254	7 859,512	42 413,440	5,396	4,934
13	37	98 424	69 173,096	1 789 570,485	25,871	25,408	63	87	37 814	6 845,374	34 553,928	5,048	4,585
14	38	98 361	67 278,358	1 720 397,389	25,571	25,109	64	88	33 293	5 865,597	27 708,554	4,724	4,261
15	39	98 291	65 431,446	1 653 119,031	25,265	24,802	65	89	28 810	4 939,892	21 842,958	4,422	3,959
16	40	98 209	63 626,782	1 587 687,586	24,953	24,490	66	90	24 360	4 065,160	16 903,065	4,158	3,695
17	41	98 114	61 864,073	1 524 060,804	24,636	24,173	67	91	20 249	3 288,621	12 837,905	3,904	3,441
18	42	98 002	60 139,706	1 462 196,730	24,313	23,851	68	92	16 353	2 584,841	9 549,285	3,694	3,232
19	43	97 867	58 449,875	1 402 057,025	23,987	23,525	69	93	13 005	2 000,576	6 964,444	3,481	3,018
20	44	97 719	56 799,505	1 343 607,150	23,655	23,192	70	94	10 094	1 511,180	4 963,867	3,285	2,822
21	45	97 557	55 187,536	1 286 807,645	23,317	22,854	71	95	7 636	1 112,599	3 452,687	3,103	2,640
22	46	97 381	53 613,337	1 231 620,110	22,972	22,509	72	96	5 621	797,094	2 340,087	2,936	2,473
23	47	97 192	52 077,218	1 178 006,772	22,620	22,158	73	97	4 021	554,950	1 542,993	2,780	2,318
24	48	96 982	50 574,097	1 125 929,555	22,263	21,800	74	98	2 790	374,762	988,043	2,636	2,174
25	49	96 757	49 105,996	1 075 355,458	21,899	21,436	75	99	1 873	244,836	613,281	2,505	2,042
26	50	96 504	47 667,183	1 026 249,461	21,529	21,067	76	100	1 215	154,613	368,445	2,383	1,920
27	51	96 236	46 262,323	978 582,279	21,153	20,690							
28	52	95 940	44 885,565	932 319,955	20,771	20,308							
29	53	95 619	43 538,140	887 434,390	20,383	19,920							
30	54	95 269	42 217,710	843 896,250	19,989	19,526							
31	55	94 904	40 930,467	801 678,540	19,586	19,124							
32	56	94 500	39 665,531	760 748,073	19,179	18,716							
33	57	94 074	38 430,031	721 082,542	18,764	18,301							
34	58	93 627	37 223,577	682 652,511	18,339	17,876							
35	59	93 140	36 038,871	645 428,935	17,909	17,446							
36	60	92 622	34 879,382	609 390,064	17,471	17,009							
37	61	92 042	33 733,184	574 510,682	17,031	16,568							
38	62	91 426	32 610,710	540 777,497	16,583	16,120							
39	63	90 749	31 503,061	508 166,787	16,131	15,668							
40	64	90 035	30 418,370	476 663,726	15,670	15,207							
41	65	89 258	29 348,981	446 245,356	15,205	14,742							
42	66	88 440	28 301,595	416 896,375	14,730	14,268							
43	67	87 549	27 266,746	388 594,780	14,252	13,789							
44	68	86 595	26 247,747	361 328,034	13,766	13,303							
45	69	85 583	25 246,865	335 080,287	13,272	12,809							
46	70	84 487	24 256,329	309 833,423	12,773	12,310							
47	71	83 300	23 275,463	285 577,094	12,269	11,807							
48	72	81 990	22 296,269	262 301,631	11,764	11,302							
49	73	80 544	21 316,784	240 005,362	11,259	10,796							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	25	99 341	99 341,258	2 867 347,877	28,864	28,401	50	75	77 481	19 957,362	205 522,181	10,298	9,835
1	26	98 935	96 287,353	2 768 006,619	28,747	28,285	51	76	75 515	18 930,400	185 564,819	9,802	9,340
2	27	98 879	93 657,485	2 671 719,265	28,526	28,064	52	77	73 317	17 887,470	166 634,419	9,316	8,853
3	28	98 834	91 109,150	2 578 061,780	28,296	27,834	53	78	70 927	16 841,363	148 746,949	8,832	8,369
4	29	98 796	88 635,956	2 486 952,630	28,058	27,595	54	79	68 274	15 777,431	131 905,587	8,360	7,898
5	30	98 754	86 227,501	2 398 316,674	27,814	27,351	55	80	65 388	14 706,040	116 128,155	7,897	7,434
6	31	98 715	83 886,893	2 312 089,173	27,562	27,099	56	81	62 233	13 621,885	101 422,115	7,446	6,983
7	32	98 675	81 608,464	2 228 202,279	27,304	26,841	57	82	58 839	12 534,353	87 800,230	7,005	6,542
8	33	98 632	79 389,601	2 146 593,815	27,039	26,576	58	83	55 147	11 433,455	75 265,877	6,583	6,120
9	34	98 588	77 230,134	2 067 204,214	26,767	26,304	59	84	51 234	10 337,909	63 832,422	6,175	5,712
10	35	98 538	75 125,319	1 989 974,081	26,489	26,026	60	85	47 076	9 244,569	53 494,513	5,787	5,324
11	36	98 490	73 079,053	1 914 848,761	26,202	25,740	61	86	42 731	8 166,832	44 249,944	5,418	4,955
12	37	98 435	71 083,266	1 841 769,708	25,910	25,447	62	87	38 273	7 118,968	36 083,112	5,069	4,606
13	38	98 371	69 136,179	1 770 686,442	25,612	25,149	63	88	33 719	6 104,077	28 964,144	4,745	4,282
14	39	98 306	67 240,903	1 701 550,263	25,305	24,842	64	89	29 221	5 148,310	22 860,067	4,440	3,977
15	40	98 226	65 388,159	1 634 309,360	24,994	24,531	65	90	24 733	4 240,814	17 711,757	4,176	3,714
16	41	98 139	63 581,847	1 568 921,201	24,676	24,213	66	91	20 589	3 435,891	13 470,943	3,921	3,458
17	42	98 035	61 814,489	1 505 339,354	24,353	23,890	67	92	16 651	2 704,277	10 035,052	3,711	3,248
18	43	97 915	60 086,176	1 443 524,864	24,024	23,561	68	93	13 259	2 095,722	7 330,775	3,498	3,035
19	44	97 767	58 390,026	1 383 438,688	23,693	23,230	69	94	10 309	1 585,952	5 235,053	3,301	2,838
20	45	97 610	56 735,710	1 325 048,663	23,355	22,892	70	95	7 814	1 169,831	3 649,101	3,119	2,657
21	46	97 433	55 117,490	1 268 312,952	23,011	22,548	71	96	5 765	839,952	2 479,270	2,952	2,489
22	47	97 244	53 537,790	1 213 195,462	22,661	22,198	72	97	4 133	586,100	1 639,318	2,797	2,334
23	48	97 033	51 992,065	1 159 657,672	22,305	21,842	73	98	2 876	396,916	1 053,219	2,654	2,191
24	49	96 811	50 484,660	1 107 665,607	21,941	21,478	74	99	1 939	260,388	656,302	2,520	2,058
25	50	96 557	49 004,953	1 057 180,947	21,573	21,110	75	100	1 263	165,043	395,914	2,399	1,936
26	51	96 292	47 562,172	1 008 175,993	21,197	20,734							
27	52	96 000	46 149,129	960 613,821	20,815	20,353							
28	53	95 676	44 762,338	914 464,693	20,429	19,967							
29	54	95 331	43 407,241	869 702,355	20,036	19,573							
30	55	94 965	42 082,984	826 295,114	19,635	19,172							
31	56	94 568	40 785,444	784 212,130	19,228	18,765							
32	57	94 144	39 515,905	743 426,686	18,813	18,351							
33	58	93 698	38 276,442	703 910,782	18,390	17,927							
34	59	93 214	37 059,335	665 634,339	17,961	17,498							
35	60	92 700	35 868,695	628 575,005	17,524	17,062							
36	61	92 123	34 691,405	592 706,310	17,085	16,622							
37	62	91 513	33 539,330	558 014,905	16,638	16,175							
38	63	90 849	32 405,014	524 475,575	16,185	15,722							
39	64	90 138	31 290,797	492 070,562	15,726	15,263							
40	65	89 373	30 194,813	460 779,765	15,260	14,797							
41	66	88 561	29 119,769	430 584,951	14,787	14,324							
42	67	87 683	28 059,496	401 465,182	14,308	13,845							
43	68	86 750	27 017,738	373 405,687	13,821	13,358							
44	69	85 754	25 992,864	346 387,949	13,326	12,863							
45	70	84 674	24 978,705	320 395,084	12,827	12,364							
46	71	83 506	23 974,841	295 416,380	12,322	11,859							
47	72	82 227	22 975,740	271 441,539	11,814	11,351							
48	73	80 803	21 973,470	248 465,799	11,308	10,845							
49	74	79 234	20 970,147	226 492,328	10,801	10,338							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	49	93 528	24 090,733	442 847,466	18,382	17,920
1	0	99 613	96 947,171	3 072 690,210	31,694	31,232	51	50	92 962	23 304,116	418 756,733	17,969	17,506
2	1	99 267	94 024,238	2 975 743,039	31,649	31,186	52	51	92 318	22 523,374	395 452,618	17,557	17,095
3	2	99 222	91 466,352	2 881 718,801	31,506	31,043	53	52	91 632	21 757,458	372 929,243	17,140	16,677
4	3	99 193	88 992,712	2 790 252,449	31,354	30,891	54	53	90 876	21 000,447	351 171,785	16,722	16,259
5	4	99 169	86 589,735	2 701 259,737	31,196	30,733	55	54	90 041	20 250,750	330 171,338	16,304	15,841
6	5	99 146	84 253,101	2 614 670,002	31,034	30,571	56	55	89 147	19 512,938	309 920,588	15,883	15,420
7	6	99 126	81 981,201	2 530 416,901	30,866	30,403	57	56	88 183	18 785,470	290 407,649	15,459	14,996
8	7	99 109	79 773,535	2 448 435,700	30,692	30,230	58	57	87 144	18 067,198	271 622,179	15,034	14,571
9	8	99 092	77 625,347	2 368 662,165	30,514	30,051	59	58	86 032	17 359,356	253 554,981	14,606	14,143
10	9	99 077	75 536,287	2 291 036,818	30,330	29,867	60	59	84 835	16 659,690	236 195,624	14,178	13,715
11	10	99 062	73 502,993	2 215 500,532	30,142	29,679	61	60	83 557	15 969,552	219 535,934	13,747	13,284
12	11	99 046	71 524,544	2 141 997,539	29,948	29,485	62	61	82 179	15 285,786	203 566,382	13,317	12,855
13	12	99 027	69 596,950	2 070 472,994	29,749	29,287	63	62	80 727	14 613,861	188 280,595	12,884	12,421
14	13	99 008	67 721,294	2 000 876,044	29,546	29,083	64	63	79 204	13 954,334	173 666,734	12,445	11,983
15	14	98 984	65 893,007	1 933 154,750	29,338	28,875	65	64	77 561	13 299,209	159 712,401	12,009	11,546
16	15	98 956	64 111,081	1 867 261,743	29,125	28,663	66	65	75 832	12 654,664	146 413,192	11,570	11,107
17	16	98 918	62 371,162	1 803 150,663	28,910	28,447	67	66	73 995	12 017,660	133 758,527	11,130	10,667
18	17	98 869	60 671,959	1 740 779,501	28,692	28,229	68	67	72 050	11 388,632	121 740,867	10,690	10,227
19	18	98 806	59 010,234	1 680 107,542	28,471	28,009	69	68	70 025	10 772,306	110 352,236	10,244	9,781
20	19	98 735	57 389,707	1 621 097,308	28,247	27,784	70	69	67 893	10 164,759	99 579,930	9,797	9,334
21	20	98 661	55 812,157	1 563 707,601	28,017	27,555	71	70	65 643	9 564,787	89 415,171	9,348	8,886
22	21	98 586	54 276,996	1 507 895,444	27,781	27,319	72	71	63 263	8 971,412	79 850,384	8,901	8,438
23	22	98 513	52 785,207	1 453 618,448	27,538	27,076	73	72	60 756	8 385,222	70 878,972	8,453	7,990
24	23	98 440	51 334,089	1 400 833,241	27,289	26,826	74	73	58 089	7 802,579	62 493,750	8,009	7,547
25	24	98 362	49 920,815	1 349 499,152	27,033	26,570	75	74	55 209	7 217,268	54 691,170	7,578	7,115
26	25	98 288	48 548,227	1 299 578,337	26,769	26,306	76	75	52 153	6 635,332	47 473,902	7,155	6,692
27	26	98 209	47 211,042	1 251 030,110	26,499	26,036	77	76	48 910	6 056,184	40 838,570	6,743	6,280
28	27	98 124	45 907,536	1 203 819,068	26,223	25,760	78	77	45 482	5 480,958	34 782,386	6,346	5,883
29	28	98 039	44 640,023	1 157 911,532	25,939	25,476	79	78	41 885	4 912,435	29 301,428	5,965	5,502
30	29	97 949	43 405,730	1 113 271,509	25,648	25,185	80	79	38 156	4 355,286	24 388,993	5,600	5,137
31	30	97 859	42 204,875	1 069 865,779	25,349	24,887	81	80	34 379	3 819,101	20 033,707	5,246	4,783
32	31	97 761	41 034,369	1 027 660,905	25,044	24,581	82	81	30 543	3 302,172	16 214,606	4,910	4,447
33	32	97 660	39 894,716	986 626,536	24,731	24,268	83	82	26 753	2 814,974	12 912,434	4,587	4,124
34	33	97 551	38 783,584	946 731,820	24,411	23,948	84	83	23 055	2 361,014	10 097,460	4,277	3,814
35	34	97 438	37 701,851	907 948,236	24,082	23,620	85	84	19 488	1 942,247	7 736,445	3,983	3,520
36	35	97 314	36 646,404	870 246,385	23,747	23,284	86	85	16 114	1 563,070	5 794,199	3,707	3,244
37	36	97 190	35 620,010	833 599,981	23,403	22,940	87	86	12 994	1 226,632	4 231,129	3,449	2,987
38	37	97 052	34 617,324	797 979,971	23,051	22,589	88	87	10 178	935,074	3 004,497	3,213	2,750
39	38	96 893	33 635,833	763 362,647	22,695	22,232	89	88	7 730	691,145	2 069,423	2,994	2,531
40	39	96 728	32 679,821	729 726,814	22,330	21,867	90	89	5 649	491,638	1 378,278	2,803	2,341
41	40	96 540	31 743,363	697 046,993	21,959	21,496	91	90	3 996	338,473	886,641	2,620	2,157
42	41	96 340	30 829,686	665 303,630	21,580	21,117	92	91	2 703	222,788	548,167	2,460	1,998
43	42	96 115	29 934,660	634 473,944	21,195	20,732	93	92	1 742	139,723	325,380	2,329	1,866
44	43	95 859	29 055,653	604 539,284	20,806	20,343	94	93	1 081	84,380	185,656	2,200	1,737
45	44	95 570	28 192,853	575 483,631	20,412	19,950	95	94	640	48,596	101,276	2,084	1,621
46	45	95 251	27 346,776	547 290,778	20,013	19,550	96	95	360	26,619	52,680	1,979	1,516
47	46	94 895	26 515,338	519 944,002	19,609	19,146	97	96	192	13,832	26,061	1,884	1,421
48	47	94 488	25 694,930	493 428,664	19,203	18,741	98	97	97	6,800	12,229	1,798	1,335
49	48	94 031	24 886,268	467 733,734	18,795	18,332	99	98	46	3,155	5,428	1,721	1,258
							100	99	21	1,378	2,273	1,650	1,188

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	48	93 694	24 133,411	446 995,262	18,522	18,059
1							51	49	93 154	23 352,166	422 861,851	18,108	17,645
2	0	99 581	94 321,605	2 980 866,934	31,603	31,140	52	50	92 522	22 573,103	399 509,685	17,698	17,236
3	1	99 248	91 490,503	2 886 545,330	31,550	31,087	53	51	91 856	21 810,824	376 936,582	17,282	16,819
4	2	99 208	89 005,969	2 795 054,827	31,403	30,940	54	52	91 126	21 058,260	355 125,757	16,864	16,401
5	3	99 180	86 599,411	2 706 048,858	31,248	30,785	55	53	90 313	20 311,819	334 067,497	16,447	15,984
6	4	99 158	84 263,143	2 619 449,448	31,087	30,624	56	54	89 432	19 575,408	313 755,678	16,028	15,565
7	5	99 136	81 989,488	2 535 186,304	30,921	30,458	57	55	88 497	18 852,267	294 180,270	15,605	15,142
8	6	99 118	79 780,483	2 453 196,816	30,749	30,287	58	56	87 474	18 135,609	275 328,003	15,182	14,719
9	7	99 101	77 632,010	2 373 416,333	30,573	30,110	59	57	86 378	17 429,013	257 192,394	14,757	14,294
10	8	99 085	75 541,850	2 295 784,324	30,391	29,928	60	58	85 211	16 733,524	239 763,381	14,328	13,866
11	9	99 068	73 508,064	2 220 242,474	30,204	29,741	61	59	83 954	16 045,319	223 029,858	13,900	13,437
12	10	99 053	71 529,621	2 146 734,410	30,012	29,549	62	60	82 624	15 368,613	206 984,539	13,468	13,005
13	11	99 035	69 602,516	2 075 204,789	29,815	29,352	63	61	81 194	14 698,328	191 615,926	13,037	12,574
14	12	99 016	67 726,746	2 005 602,273	29,613	29,150	64	62	79 707	14 042,911	176 917,598	12,598	12,136
15	13	98 993	65 898,910	1 937 875,527	29,407	28,944	65	63	78 087	13 389,425	162 874,686	12,164	11,702
16	14	98 967	64 118,030	1 871 976,617	29,196	28,733	66	64	76 393	12 748,357	149 485,262	11,726	11,263
17	15	98 930	62 379,009	1 807 858,587	28,982	28,519	67	65	74 577	12 112,255	136 736,904	11,289	10,826
18	16	98 884	60 681,296	1 745 479,578	28,765	28,302	68	66	72 672	11 486,894	124 624,649	10,849	10,386
19	17	98 822	59 019,705	1 684 798,282	28,546	28,084	69	67	70 671	10 871,588	113 137,755	10,407	9,944
20	18	98 757	57 402,819	1 625 778,578	28,322	27,859	70	68	68 559	10 264,433	102 266,167	9,963	9,500
21	19	98 682	55 823,687	1 568 375,759	28,095	27,632	71	69	66 347	9 667,470	92 001,734	9,517	9,054
22	20	98 608	54 289,047	1 512 552,072	27,861	27,398	72	70	64 006	9 076,745	82 334,263	9,071	8,608
23	21	98 534	52 796,257	1 458 263,024	27,621	27,158	73	71	61 548	8 494,609	73 257,518	8,624	8,161
24	22	98 462	51 345,607	1 405 466,768	27,373	26,910	74	72	58 942	7 917,202	64 762,910	8,180	7,717
25	23	98 385	49 932,228	1 354 121,160	27,119	26,656	75	73	56 122	7 336,570	56 845,707	7,748	7,285
26	24	98 308	48 558,043	1 304 188,932	26,858	26,396	76	74	53 142	6 761,140	49 509,138	7,323	6,860
27	25	98 231	47 221,430	1 255 630,889	26,590	26,127	77	75	49 983	6 188,987	42 747,997	6,907	6,444
28	26	98 147	45 918,403	1 208 409,460	26,316	25,854	78	76	46 624	5 618,573	36 559,010	6,507	6,044
29	27	98 065	44 652,019	1 162 491,056	26,034	25,572	79	77	43 080	5 052,509	30 940,437	6,124	5,661
30	28	97 974	43 416,709	1 117 839,038	25,747	25,284	80	78	39 420	4 499,580	25 887,928	5,753	5,291
31	29	97 887	42 216,988	1 074 422,329	25,450	24,987	81	79	35 674	3 962,981	21 388,349	5,397	4,934
32	30	97 789	41 045,986	1 032 205,341	25,148	24,685	82	80	31 874	3 446,100	17 425,368	5,057	4,594
33	31	97 689	39 906,768	991 159,355	24,837	24,374	83	81	28 089	2 955,634	13 979,268	4,730	4,267
34	32	97 585	38 797,336	951 252,586	24,519	24,056	84	82	24 401	2 498,809	11 023,634	4,412	3,949
35	33	97 473	37 715,641	912 455,250	24,193	23,730	85	83	20 792	2 072,198	8 524,824	4,114	3,651
36	34	97 356	36 661,977	874 739,609	23,860	23,397	86	84	17 371	1 684,916	6 452,627	3,830	3,367
37	35	97 229	35 634,184	838 077,632	23,519	23,056	87	85	14 166	1 337,300	4 767,711	3,565	3,102
38	36	97 098	34 633,782	802 443,448	23,169	22,707	88	86	11 236	1 032,344	3 430,411	3,323	2,860
39	37	96 945	33 653,794	767 809,666	22,815	22,352	89	87	8 668	775,079	2 398,067	3,094	2,631
40	38	96 782	32 698,024	734 155,872	22,453	21,990	90	88	6 437	560,135	1 622,988	2,897	2,435
41	39	96 604	31 764,377	701 457,848	22,083	21,620	91	89	4 655	394,269	1 062,853	2,696	2,233
42	40	96 408	30 851,474	669 693,471	21,707	21,244	92	90	3 198	263,591	668,584	2,536	2,074
43	41	96 193	29 958,672	638 841,997	21,324	20,861	93	91	2 118	169,915	404,994	2,384	1,921
44	42	95 944	29 081,538	608 883,325	20,937	20,474	94	92	1 333	104,074	235,079	2,259	1,796
45	43	95 668	28 221,751	579 801,787	20,545	20,082	95	93	807	61,300	131,005	2,137	1,674
46	44	95 358	27 377,525	551 580,036	20,147	19,684	96	94	465	34,387	69,705	2,027	1,564
47	45	95 016	26 549,035	524 202,511	19,745	19,282	97	95	255	18,322	35,318	1,928	1,465
48	46	94 621	25 731,188	497 653,477	19,340	18,878	98	96	132	9,249	16,996	1,838	1,375
49	47	94 185	24 927,027	471 922,288	18,932	18,469	99	97	65	4,411	7,747	1,756	1,294
							100	98	30	1,983	3,336	1,683	1,220

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3	0	99 562	91 779,856	2 891 291,505	31,502	31,040
4	1	99 234	89 029,470	2 799 511,650	31,445	30,982
5	2	99 195	86 612,311	2 710 482,180	31,294	30,832
6	3	99 169	84 272,559	2 623 869,869	31,136	30,673
7	4	99 148	81 999,261	2 539 597,310	30,971	30,508
8	5	99 128	79 788,548	2 457 598,049	30,801	30,339
9	6	99 109	77 638,771	2 377 809,502	30,627	30,164
10	7	99 093	75 548,334	2 300 170,730	30,446	29,984
11	8	99 076	73 513,478	2 224 622,396	30,261	29,799
12	9	99 060	71 534,556	2 151 108,918	30,071	29,608
13	10	99 042	69 607,456	2 079 574,363	29,876	29,413
14	11	99 024	67 732,163	2 009 966,907	29,675	29,212
15	12	99 001	65 904,215	1 942 234,744	29,471	29,008
16	13	98 976	64 123,774	1 876 330,529	29,261	28,798
17	14	98 941	62 385,770	1 812 206,755	29,048	28,586
18	15	98 897	60 688,930	1 749 820,985	28,833	28,370
19	16	98 837	59 028,788	1 689 132,055	28,615	28,153
20	17	98 773	57 412,032	1 630 103,267	28,393	27,930
21	18	98 704	55 836,441	1 572 691,235	28,166	27,703
22	19	98 628	54 300,262	1 516 854,794	27,935	27,472
23	20	98 556	52 807,980	1 462 554,532	27,696	27,233
24	21	98 482	51 356,356	1 409 746,552	27,450	26,987
25	22	98 407	49 943,432	1 358 390,197	27,199	26,736
26	23	98 330	48 569,145	1 308 446,765	26,940	26,477
27	24	98 251	47 230,977	1 259 877,620	26,675	26,212
28	25	98 169	45 928,507	1 212 646,643	26,403	25,940
29	26	98 088	44 662,589	1 166 718,137	26,123	25,660
30	27	98 001	43 428,376	1 122 055,548	25,837	25,374
31	28	97 912	42 227,666	1 078 627,172	25,543	25,080
32	29	97 817	41 057,767	1 036 399,506	25,242	24,780
33	30	97 717	39 918,067	995 341,740	24,935	24,472
34	31	97 615	38 809,057	955 423,673	24,619	24,156
35	32	97 508	37 729,015	916 614,616	24,295	23,832
36	33	97 391	36 675,387	878 885,601	23,964	23,501
37	34	97 270	35 649,327	842 210,214	23,625	23,162
38	35	97 136	34 647,564	806 560,886	23,279	22,816
39	36	96 991	33 669,794	771 913,323	22,926	22,463
40	37	96 834	32 715,484	738 243,529	22,566	22,103
41	38	96 658	31 782,070	705 528,045	22,199	21,736
42	39	96 472	30 871,898	673 745,975	21,824	21,361
43	40	96 260	29 979,844	642 874,077	21,444	20,981
44	41	96 021	29 104,865	612 894,233	21,058	20,595
45	42	95 753	28 246,893	583 789,367	20,667	20,205
46	43	95 456	27 405,587	555 542,474	20,271	19,808
47	44	95 122	26 578,887	528 136,888	19,871	19,408
48	45	94 741	25 763,889	501 558,001	19,467	19,005
49	46	94 318	24 962,201	475 794,112	19,061	18,598
50	47	93 847	24 172,936	450 831,911	18,650	18,187
51	48	93 319	23 393,536	426 658,975	18,238	17,776
52	49	92 713	22 619,646	403 265,439	17,828	17,365
53	50	92 059	21 858,980	380 645,792	17,414	16,951
54	51	91 349	21 109,912	358 786,813	16,996	16,533
55	52	90 561	20 367,736	337 676,901	16,579	16,116
56	53	89 702	19 634,440	317 309,165	16,161	15,698
57	54	88 780	18 912,621	297 674,726	15,739	15,277
58	55	87 785	18 200,095	278 762,104	15,317	14,854
59	56	86 705	17 495,007	260 562,009	14,894	14,431
60	57	85 553	16 800,669	243 067,002	14,468	14,005
61	58	84 326	16 116,429	226 266,333	14,039	13,577
62	59	83 016	15 441,529	210 149,904	13,609	13,147
63	60	81 634	14 777,972	194 708,375	13,176	12,713
64	61	80 167	14 124,078	179 930,403	12,739	12,276
65	62	78 583	13 474,417	165 806,325	12,305	11,842
66	63	76 911	12 834,837	152 331,908	11,869	11,406
67	64	75 130	12 201,932	139 497,072	11,432	10,970
68	65	73 244	11 577,311	127 295,139	10,995	10,532
69	66	71 280	10 965,389	115 717,828	10,553	10,090
70	67	69 191	10 359,035	104 752,439	10,112	9,649
71	68	66 998	9 762,268	94 393,404	9,669	9,206
72	69	64 693	9 174,189	84 631,136	9,225	8,762
73	70	62 271	8 594,344	75 456,947	8,780	8,317
74	71	59 711	8 020,484	66 862,603	8,336	7,874
75	72	56 946	7 444,347	58 842,120	7,904	7,441
76	73	54 021	6 872,902	51 397,773	7,478	7,015
77	74	50 930	6 306,333	44 524,871	7,060	6,598
78	75	47 646	5 741,779	38 218,539	6,656	6,193
79	76	44 161	5 179,366	32 476,759	6,270	5,808
80	77	40 544	4 627,882	27 297,393	5,898	5,436
81	78	36 856	4 094,277	22 669,511	5,537	5,074
82	79	33 075	3 575,927	18 575,234	5,195	4,732
83	80	29 314	3 084,458	14 999,307	4,863	4,400
84	81	25 620	2 623,671	11 914,848	4,541	4,078
85	82	22 005	2 193,137	9 291,177	4,236	3,774
86	83	18 533	1 797,649	7 098,041	3,949	3,486
87	84	15 270	1 441,546	5 300,391	3,677	3,214
88	85	12 250	1 125,483	3 858,845	3,429	2,966
89	86	9 570	855,706	2 733,362	3,194	2,731
90	87	7 218	628,159	1 877,656	2,989	2,526
91	88	5 304	449,200	1 249,497	2,782	2,319
92	89	3 725	307,042	800,297	2,606	2,144
93	90	2 506	201,034	493,254	2,454	1,991
94	91	1 621	126,562	292,220	2,309	1,846
95	92	995	75,607	165,658	2,191	1,728
96	93	587	43,377	90,051	2,076	1,613
97	94	329	23,668	46,675	1,972	1,509
98	95	175	12,251	23,006	1,878	1,415
99	96	88	5,999	10,756	1,793	1,330
100	97	42	2,772	4,757	1,716	1,253

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	46	93 980	24 207,047	454 372,499	18,770	18,307
1							51	47	93 472	23 431,850	430 165,452	18,358	17,895
2							52	48	92 877	22 659,718	406 733,602	17,950	17,487
3							53	49	92 249	21 904,051	384 073,883	17,534	17,072
4	0	99 548	89 311,039	2 803 902,490	31,395	30,932	54	50	91 551	21 156,520	362 169,833	17,119	16,656
5	1	99 221	86 635,179	2 714 591,451	31,334	30,871	55	51	90 784	20 417,694	341 013,313	16,702	16,239
6	2	99 184	84 285,113	2 627 956,272	31,179	30,717	56	52	89 949	19 688,492	320 595,620	16,283	15,821
7	3	99 159	82 008,424	2 543 671,159	31,017	30,554	57	53	89 048	18 969,655	300 907,128	15,863	15,400
8	4	99 140	79 798,058	2 461 662,735	30,849	30,386	58	54	88 066	18 258,362	281 937,473	15,442	14,979
9	5	99 119	77 646,619	2 381 864,677	30,676	30,213	59	55	87 013	17 557,216	263 679,112	15,018	14,555
10	6	99 102	75 554,914	2 304 218,058	30,497	30,034	60	56	85 877	16 864,284	246 121,896	14,594	14,131
11	7	99 084	73 519,788	2 228 663,144	30,314	29,851	61	57	84 664	16 181,098	229 257,612	14,168	13,705
12	8	99 067	71 539,824	2 155 143,356	30,125	29,662	62	58	83 384	15 509,963	213 076,514	13,738	13,275
13	9	99 049	69 612,258	2 083 603,532	29,932	29,469	63	59	82 021	14 848,085	197 566,550	13,306	12,843
14	10	99 031	67 736,970	2 013 991,274	29,733	29,270	64	60	80 602	14 200,611	182 718,466	12,867	12,404
15	11	99 009	65 909,486	1 946 254,304	29,529	29,066	65	61	79 037	13 552,298	168 517,855	12,435	11,972
16	12	98 984	64 128,937	1 880 344,818	29,321	28,858	66	62	77 400	12 916,308	154 965,557	11,998	11,535
17	13	98 950	62 391,359	1 816 215,881	29,110	28,647	67	63	75 639	12 284,705	142 049,249	11,563	11,100
18	14	98 908	60 695,508	1 753 824,522	28,895	28,433	68	64	73 786	11 663,027	129 764,544	11,126	10,663
19	15	98 849	59 036,214	1 693 129,014	28,679	28,217	69	65	71 842	11 051,702	118 101,517	10,686	10,223
20	16	98 788	57 420,867	1 634 092,800	28,458	27,995	70	66	69 788	10 448,414	107 049,815	10,246	9,783
21	17	98 720	55 845,402	1 576 671,933	28,233	27,770	71	67	67 615	9 852,242	96 601,402	9,805	9,342
22	18	98 651	54 312,668	1 520 826,530	28,001	27,539	72	68	65 328	9 264,150	86 749,160	9,364	8,901
23	19	98 576	52 818,889	1 466 513,862	27,765	27,302	73	69	62 940	8 686,609	77 485,010	8,920	8,457
24	20	98 504	51 367,759	1 413 694,973	27,521	27,058	74	70	60 412	8 114,652	68 798,402	8,478	8,015
25	21	98 427	49 953,887	1 362 327,214	27,272	26,809	75	71	57 689	7 541,460	60 683,750	8,047	7,584
26	22	98 353	48 580,043	1 312 373,328	27,015	26,552	76	72	54 814	6 973,867	53 142,290	7,620	7,157
27	23	98 273	47 241,775	1 263 793,285	26,752	26,289	77	73	51 772	6 410,576	46 168,423	7,202	6,739
28	24	98 189	45 937,792	1 216 551,510	26,483	26,020	78	74	48 550	5 850,646	39 757,847	6,795	6,333
29	25	98 110	44 672,416	1 170 613,717	26,204	25,742	79	75	45 130	5 292,942	33 907,201	6,406	5,943
30	26	98 024	43 438,656	1 125 941,301	25,920	25,457	80	76	41 562	4 744,078	28 614,259	6,032	5,569
31	27	97 938	42 239,013	1 082 502,645	25,628	25,165	81	77	37 907	4 211,022	23 870,181	5,669	5,206
32	28	97 842	41 068,152	1 040 263,632	25,330	24,867	82	78	34 171	3 694,400	19 659,159	5,321	4,859
33	29	97 745	39 929,523	999 195,480	25,024	24,561	83	79	30 418	3 200,661	15 964,759	4,988	4,525
34	30	97 642	38 820,045	959 265,957	24,711	24,248	84	80	26 737	2 738,026	12 764,098	4,662	4,199
35	31	97 537	37 740,413	920 445,912	24,389	23,926	85	81	23 105	2 302,724	10 026,072	4,354	3,891
36	32	97 426	36 688,392	882 705,499	24,060	23,597	86	82	19 614	1 902,565	7 723,348	4,059	3,597
37	33	97 306	35 662,367	846 017,107	23,723	23,260	87	83	16 292	1 537,996	5 820,783	3,785	3,322
38	34	97 178	34 662,287	810 354,740	23,379	22,916	88	84	13 205	1 213,218	4 282,786	3,530	3,067
39	35	97 030	33 683,192	775 692,453	23,029	22,566	89	85	10 433	932,909	3 069,568	3,290	2,827
40	36	96 880	32 731,038	742 009,261	22,670	22,207	90	86	7 969	693,503	2 136,660	3,081	2,618
41	37	96 709	31 799,041	709 278,223	22,305	21,842	91	87	5 948	503,752	1 443,157	2,865	2,402
42	38	96 525	30 889,094	677 479,182	21,933	21,470	92	88	4 244	349,821	939,405	2,685	2,223
43	39	96 324	29 999,691	646 590,088	21,553	21,090	93	89	2 919	234,174	589,584	2,518	2,055
44	40	96 089	29 125,435	616 590,398	21,170	20,707	94	90	1 918	149,741	355,410	2,373	1,911
45	41	95 830	28 269,551	587 464,963	20,781	20,318	95	91	1 210	91,945	205,669	2,237	1,774
46	42	95 541	27 430,002	559 195,412	20,386	19,923	96	92	723	53,500	113,724	2,126	1,663
47	43	95 220	26 606,130	531 765,411	19,987	19,524	97	93	415	29,856	60,224	2,017	1,554
48	44	94 848	25 792,858	505 159,281	19,585	19,122	98	94	226	15,825	30,368	1,919	1,456
49	45	94 437	24 993,924	479 366,423	19,179	18,716	99	95	117	7,946	14,543	1,830	1,367
							100	96	57	3,770	6,596	1,750	1,287

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5	0	99 535	86 909,177	2 718 649,305	31,281	30,819
6	1	99 210	84 307,367	2 631 740,128	31,216	30,753
7	2	99 174	82 020,640	2 547 432,761	31,058	30,596
8	3	99 151	79 806,975	2 465 412,121	30,892	30,429
9	4	99 131	77 655,874	2 385 605,146	30,720	30,257
10	5	99 112	75 562,551	2 307 949,272	30,544	30,081
11	6	99 093	73 526,191	2 232 386,721	30,362	29,899
12	7	99 076	71 545,965	2 158 860,529	30,174	29,712
13	8	99 056	69 617,385	2 087 314,564	29,983	29,520
14	9	99 038	67 741,643	2 017 697,179	29,785	29,322
15	10	99 016	65 914,164	1 949 955,536	29,583	29,120
16	11	98 992	64 134,065	1 884 041,373	29,377	28,914
17	12	98 958	62 396,382	1 819 907,308	29,167	28,704
18	13	98 916	60 700,946	1 757 510,926	28,954	28,491
19	14	98 860	59 042,613	1 696 809,980	28,739	28,276
20	15	98 801	57 428,091	1 637 767,366	28,519	28,056
21	16	98 735	55 853,997	1 580 339,275	28,294	27,831
22	17	98 667	54 321,385	1 524 485,278	28,064	27,601
23	18	98 599	52 830,956	1 470 163,893	27,828	27,365
24	19	98 525	51 378,371	1 417 332,937	27,586	27,123
25	20	98 449	49 964,979	1 365 954,567	27,338	26,875
26	21	98 373	48 590,212	1 315 989,588	27,083	26,621
27	22	98 295	47 252,376	1 267 399,376	26,822	26,359
28	23	98 211	45 948,295	1 220 147,001	26,555	26,092
29	24	98 130	44 681,448	1 174 198,705	26,279	25,817
30	25	98 045	43 448,214	1 129 517,258	25,997	25,534
31	26	97 961	42 249,012	1 086 069,044	25,706	25,244
32	27	97 868	41 079,187	1 043 820,032	25,410	24,947
33	28	97 770	39 939,623	1 002 740,844	25,106	24,644
34	29	97 670	38 831,186	962 801,221	24,795	24,332
35	30	97 565	37 751,098	923 970,035	24,475	24,012
36	31	97 455	36 699,476	886 218,937	24,148	23,685
37	32	97 340	35 675,012	849 519,461	23,813	23,350
38	33	97 213	34 674,966	813 844,448	23,471	23,008
39	34	97 071	33 697,506	779 169,483	23,122	22,660
40	35	96 918	32 744,062	745 471,977	22,767	22,304
41	36	96 755	31 814,159	712 727,915	22,403	21,940
42	37	96 577	30 905,588	680 913,755	22,032	21,569
43	38	96 378	30 016,401	650 008,167	21,655	21,192
44	39	96 152	29 144,715	619 991,766	21,273	20,810
45	40	95 898	28 289,530	590 847,051	20,886	20,423
46	41	95 618	27 452,004	562 557,522	20,492	20,030
47	42	95 305	26 629,833	535 105,517	20,094	19,631
48	43	94 945	25 819,296	508 475,685	19,694	19,231
49	44	94 544	25 022,028	482 656,389	19,289	18,826
50	45	94 099	24 237,810	457 634,361	18,881	18,418
51	46	93 604	23 464,915	433 396,551	18,470	18,007
52	47	93 029	22 696,830	409 931,636	18,061	17,598
53	48	92 412	21 942,855	387 234,806	17,647	17,185
54	49	91 740	21 200,142	365 291,951	17,231	16,768
55	50	90 984	20 462,773	344 091,809	16,816	16,353
56	51	90 169	19 736,784	323 629,036	16,397	15,934
57	52	89 293	19 021,877	303 892,252	15,976	15,513
58	53	88 332	18 313,422	284 870,376	15,555	15,092
59	54	87 291	17 613,424	266 556,954	15,134	14,671
60	55	86 183	16 924,250	248 943,530	14,709	14,246
61	56	84 985	16 242,368	232 019,280	14,285	13,822
62	57	83 719	15 572,199	215 776,913	13,857	13,394
63	58	82 385	14 913,889	200 204,714	13,424	12,961
64	59	80 984	14 267,984	185 290,825	12,986	12,524
65	60	79 466	13 625,732	171 022,840	12,551	12,089
66	61	77 847	12 990,963	157 397,109	12,116	11,653
67	62	76 119	12 362,684	144 406,145	11,681	11,218
68	63	74 287	11 742,144	132 043,461	11,245	10,782
69	64	72 373	11 133,526	120 301,317	10,805	10,342
70	65	70 337	10 530,657	109 167,790	10,367	9,904
71	66	68 199	9 937,248	98 637,134	9,926	9,463
72	67	65 930	9 349,532	88 699,886	9,487	9,024
73	68	63 557	8 771,788	79 350,354	9,046	8,583
74	69	61 061	8 201,767	70 578,566	8,605	8,142
75	70	58 366	7 630,004	62 376,798	8,175	7,712
76	71	55 529	7 064,843	54 746,795	7,749	7,286
77	72	52 533	6 504,750	47 681,952	7,330	6,868
78	73	49 352	5 947,357	41 177,202	6,924	6,461
79	74	45 985	5 393,298	35 229,845	6,532	6,069
80	75	42 474	4 848,108	29 836,547	6,154	5,691
81	76	38 858	4 316,751	24 988,439	5,789	5,326
82	77	35 145	3 799,743	20 671,688	5,440	4,977
83	78	31 426	3 306,701	16 871,944	5,102	4,640
84	79	27 744	2 841,178	13 565,243	4,775	4,312
85	80	24 112	2 403,090	10 724,065	4,463	4,000
86	81	20 595	1 997,633	8 320,975	4,165	3,703
87	82	17 243	1 627,758	6 323,341	3,885	3,422
88	83	14 089	1 294,391	4 695,583	3,628	3,165
89	84	11 247	1 005,632	3 401,192	3,382	2,919
90	85	8 688	756,071	2 395,561	3,168	2,706
91	86	6 567	556,155	1 639,490	2,948	2,485
92	87	4 759	392,304	1 083,335	2,761	2,299
93	88	3 326	266,800	691,031	2,590	2,127
94	89	2 234	174,425	424,231	2,432	1,969
95	90	1 432	108,784	249,806	2,296	1,834
96	91	880	65,061	141,022	2,168	1,705
97	92	512	36,824	75,961	2,063	1,600
98	93	285	19,963	39,137	1,961	1,498
99	94	151	10,265	19,174	1,868	1,405
100	95	75	4,994	8,909	1,784	1,321

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	44	94 205	24 265,064	460 634,575	18,983	18,521
1							51	45	93 723	23 494,735	436 369,511	18,573	18,110
2							52	46	93 161	22 728,858	412 874,776	18,165	17,702
3							53	47	92 564	21 978,793	390 145,919	17,751	17,288
4							54	48	91 902	21 237,699	368 167,126	17,336	16,873
5							55	49	91 172	20 504,965	346 929,426	16,919	16,456
6	0	99 524	84 574,002	2 635 487,109	31,162	30,699	56	50	90 368	19 780,360	326 424,461	16,502	16,040
7	1	99 200	82 042,296	2 550 913,106	31,093	30,630	57	51	89 512	19 068,533	306 644,101	16,081	15,618
8	2	99 165	79 818,863	2 468 870,810	30,931	30,468	58	52	88 575	18 363,837	287 575,568	15,660	15,197
9	3	99 142	77 664,552	2 389 051,947	30,761	30,298	59	53	87 555	17 666,539	269 211,731	15,239	14,776
10	4	99 124	75 571,558	2 311 387,395	30,585	30,123	60	54	86 458	16 978,432	251 545,192	14,816	14,353
11	5	99 103	73 533,624	2 235 815,837	30,405	29,943	61	55	85 287	16 300,122	234 566,760	14,390	13,928
12	6	99 084	71 552,196	2 162 282,213	30,220	29,757	62	56	84 036	15 631,163	218 266,638	13,964	13,501
13	7	99 065	69 623,360	2 090 730,017	30,029	29,566	63	57	82 715	14 973,733	202 635,476	13,533	13,070
14	8	99 045	67 746,632	2 021 106,656	29,833	29,370	64	58	81 343	14 331,218	187 661,743	13,095	12,632
15	9	99 023	65 918,711	1 953 360,024	29,633	29,170	65	59	79 843	13 690,378	173 330,525	12,661	12,198
16	10	98 999	64 138,617	1 887 441,313	29,428	28,965	66	60	78 269	13 061,356	159 640,147	12,222	11,760
17	11	98 966	62 401,372	1 823 302,696	29,219	28,756	67	61	76 559	12 434,140	146 578,791	11,788	11,326
18	12	98 924	60 705,833	1 760 901,324	29,007	28,544	68	62	74 758	11 816,680	134 144,652	11,352	10,889
19	13	98 869	59 047,903	1 700 195,491	28,793	28,331	69	63	72 864	11 209,051	122 327,972	10,913	10,450
20	14	98 812	57 434,316	1 641 147,588	28,574	28,112	70	64	70 858	10 608,624	111 118,921	10,474	10,012
21	15	98 748	55 861,024	1 583 713,272	28,351	27,888	71	65	68 736	10 015,467	100 510,297	10,036	9,573
22	16	98 682	54 329,745	1 527 852,248	28,122	27,659	72	66	66 499	9 430,201	90 494,830	9,596	9,133
23	17	98 614	52 839,435	1 473 522,504	27,887	27,424	73	67	64 143	8 852,633	81 064,629	9,157	8,694
24	18	98 547	51 390,109	1 420 683,068	27,645	27,182	74	68	61 660	8 282,193	72 211,996	8,719	8,256
25	19	98 469	49 975,300	1 369 292,960	27,399	26,937	75	69	58 993	7 711,916	63 929,803	8,290	7,827
26	20	98 395	48 601,001	1 319 317,659	27,146	26,683	76	70	56 181	7 147,791	56 217,887	7,865	7,402
27	21	98 316	47 262,267	1 270 716,658	26,886	26,424	77	71	53 218	6 589,606	49 070,096	7,447	6,984
28	22	98 233	45 958,605	1 223 454,391	26,621	26,158	78	72	50 077	6 034,726	42 480,491	7,039	6,577
29	23	98 152	44 691,663	1 177 495,786	26,347	25,884	79	73	46 745	5 482,449	36 445,765	6,648	6,185
30	24	98 065	43 456,998	1 132 804,123	26,067	25,604	80	74	43 279	4 940,030	30 963,315	6,268	5,805
31	25	97 983	42 258,308	1 089 347,125	25,778	25,315	81	75	39 711	4 411,411	26 023,286	5,899	5,436
32	26	97 891	41 088,912	1 047 088,816	25,483	25,021	82	76	36 027	3 895,147	21 611,875	5,548	5,086
33	27	97 796	39 950,355	1 005 999,905	25,181	24,718	83	77	32 322	3 400,989	17 716,728	5,209	4,746
34	28	97 695	38 841,008	966 049,549	24,872	24,409	84	78	28 663	2 935,308	14 315,739	4,877	4,414
35	29	97 593	37 761,933	927 208,541	24,554	24,091	85	79	25 020	2 493,624	11 380,431	4,564	4,101
36	30	97 483	36 709,866	889 446,608	24,229	23,766	86	80	21 492	2 084,702	8 886,807	4,263	3,800
37	31	97 370	35 685,790	852 736,742	23,896	23,433	87	81	18 104	1 709,094	6 802,105	3,980	3,517
38	32	97 248	34 687,261	817 050,952	23,555	23,092	88	82	14 911	1 369,935	5 093,011	3,718	3,255
39	33	97 106	33 709,831	782 363,690	23,209	22,746	89	83	11 999	1 072,916	3 723,075	3,470	3,007
40	34	96 959	32 757,977	748 653,859	22,854	22,391	90	84	9 365	815,009	2 650,160	3,252	2,789
41	35	96 794	31 826,819	715 895,882	22,493	22,031	91	85	7 159	606,331	1 835,150	3,027	2,564
42	36	96 623	30 920,282	684 069,063	22,124	21,661	92	86	5 254	433,113	1 228,819	2,837	2,374
43	37	96 429	30 032,429	653 148,782	21,748	21,285	93	87	3 730	299,201	795,706	2,659	2,197
44	38	96 206	29 160,950	623 116,353	21,368	20,905	94	88	2 545	198,727	496,505	2,498	2,036
45	39	95 961	28 308,257	593 955,403	20,982	20,519	95	89	1 668	126,716	297,778	2,350	1,887
46	40	95 685	27 471,405	565 647,146	20,590	20,128	96	90	1 041	76,976	171,062	2,222	1,759
47	41	95 381	26 651,193	538 175,741	20,193	19,730	97	91	622	44,781	94,086	2,101	1,638
48	42	95 030	25 842,297	511 524,548	19,794	19,331	98	92	352	24,622	49,304	2,002	1,540
49	43	94 641	25 047,675	485 682,250	19,390	18,927	99	93	190	12,949	24,683	1,906	1,443
							100	94	97	6,451	11,734	1,819	1,356

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	43	94 301	24 289,935	463 391,014	19,077	18,615
1							51	44	93 828	23 521,153	439 101,079	18,668	18,206
2							52	45	93 279	22 757,743	415 579,926	18,261	17,798
3							53	46	92 694	22 009,807	392 822,184	17,848	17,385
4							54	47	92 053	21 272,482	370 812,377	17,432	16,969
5							55	48	91 333	20 541,291	349 539,894	17,016	16,554
6							56	49	90 555	19 821,145	328 998,603	16,598	16,136
7	0	99 513	82 301,768	2 554 370,847	31,037	30,574	57	50	89 710	19 110,634	309 177,459	16,178	15,715
8	1	99 192	79 839,938	2 472 069,079	30,963	30,500	58	51	88 792	18 408,880	290 066,824	15,757	15,294
9	2	99 157	77 676,121	2 392 229,140	30,797	30,335	59	52	87 796	17 715,174	271 657,944	15,335	14,872
10	3	99 135	75 580,003	2 314 553,019	30,624	30,161	60	53	86 719	17 029,632	253 942,771	14,912	14,449
11	4	99 115	73 542,389	2 238 973,016	30,445	29,982	61	54	85 560	16 352,306	236 913,139	14,488	14,025
12	5	99 094	71 559,429	2 165 430,628	30,261	29,798	62	55	84 335	15 686,743	220 560,833	14,060	13,598
13	6	99 073	69 629,424	2 093 871,199	30,072	29,609	63	56	83 028	15 030,431	204 874,090	13,631	13,168
14	7	99 054	67 752,447	2 024 241,774	29,877	29,414	64	57	81 669	14 388,724	189 843,659	13,194	12,731
15	8	99 030	65 923,566	1 956 489,327	29,678	29,215	65	58	80 196	13 751,052	175 454,936	12,759	12,297
16	9	99 005	64 143,042	1 890 565,761	29,474	29,011	66	59	78 640	13 123,324	161 703,884	12,322	11,859
17	10	98 973	62 405,801	1 826 422,719	29,267	28,804	67	60	76 974	12 501,515	148 580,560	11,885	11,422
18	11	98 932	60 710,688	1 764 016,918	29,056	28,593	68	61	75 190	11 884,979	136 079,045	11,450	10,987
19	12	98 877	59 052,656	1 703 306,230	28,844	28,381	69	62	73 327	11 280,203	124 194,066	11,010	10,547
20	13	98 820	57 439,462	1 644 253,574	28,626	28,163	70	63	71 338	10 680,588	112 913,863	10,572	10,109
21	14	98 758	55 867,079	1 586 814,113	28,403	27,941	71	64	69 244	10 089,620	102 233,275	10,133	9,670
22	15	98 694	54 336,580	1 530 947,034	28,175	27,712	72	65	67 022	9 504,429	92 143,655	9,695	9,232
23	16	98 630	52 847,567	1 476 610,454	27,941	27,478	73	66	64 696	8 929,014	82 639,225	9,255	8,792
24	17	98 563	51 398,357	1 423 762,887	27,701	27,238	74	67	62 228	8 358,525	73 710,211	8,819	8,356
25	18	98 492	49 986,718	1 372 364,530	27,455	26,992	75	68	59 571	7 787,538	65 351,686	8,392	7,929
26	19	98 415	48 611,041	1 322 377,812	27,203	26,740	76	69	56 784	7 224,526	57 564,148	7,968	7,505
27	20	98 338	47 272,761	1 273 766,771	26,945	26,482	77	70	53 843	6 666,974	50 339,622	7,551	7,088
28	21	98 254	45 968,226	1 226 494,010	26,681	26,219	78	71	50 730	6 113,450	43 672,648	7,144	6,681
29	22	98 174	44 701,691	1 180 525,784	26,409	25,946	79	72	47 432	5 562,989	37 559,198	6,752	6,289
30	23	98 088	43 466,934	1 135 824,093	26,131	25,668	80	73	43 994	5 021,688	31 996,209	6,372	5,909
31	24	98 002	42 266,852	1 092 357,159	25,844	25,381	81	74	40 463	4 495,053	26 974,521	6,001	5,538
32	25	97 913	41 097,953	1 050 090,307	25,551	25,088	82	75	36 818	3 980,561	22 479,468	5,647	5,184
33	26	97 819	39 959,813	1 008 992,355	25,250	24,787	83	76	33 133	3 486,381	18 498,907	5,306	4,843
34	27	97 721	38 851,445	969 032,542	24,942	24,479	84	77	29 481	3 019,006	15 012,526	4,973	4,510
35	28	97 618	37 771,484	930 181,097	24,627	24,164	85	78	25 849	2 576,239	11 993,520	4,655	4,193
36	29	97 511	36 720,402	892 409,612	24,303	23,840	86	79	22 302	2 163,240	9 417,281	4,353	3,890
37	30	97 397	35 695,893	855 689,210	23,972	23,509	87	80	18 894	1 783,587	7 254,040	4,067	3,604
38	31	97 277	34 697,741	819 993,317	23,632	23,170	88	81	15 656	1 438,389	5 470,454	3,803	3,340
39	32	97 141	33 721,785	785 295,576	23,287	22,825	89	82	12 699	1 135,534	4 032,065	3,551	3,088
40	33	96 995	32 769,959	751 573,791	22,935	22,472	90	83	9 992	869,539	2 896,531	3,331	2,868
41	34	96 835	31 840,344	718 803,832	22,575	22,112	91	84	7 717	653,597	2 026,991	3,101	2,638
42	35	96 661	30 932,585	686 963,489	22,208	21,746	92	85	5 729	472,189	1 373,395	2,909	2,446
43	36	96 475	30 046,708	656 030,904	21,834	21,371	93	86	4 118	330,325	901,206	2,728	2,265
44	37	96 257	29 176,521	625 984,196	21,455	20,992	94	87	2 854	222,861	570,881	2,562	2,099
45	38	96 015	28 324,025	596 807,675	21,071	20,608	95	88	1 900	144,371	348,020	2,411	1,948
46	39	95 749	27 489,591	568 483,650	20,680	20,217	96	89	1 212	89,665	203,649	2,271	1,808
47	40	95 449	26 670,029	540 994,059	20,285	19,822	97	90	736	52,983	113,983	2,151	1,689
48	41	95 106	25 863,027	514 324,030	19,886	19,424	98	91	427	29,942	61,001	2,037	1,574
49	42	94 725	25 069,990	488 461,004	19,484	19,021	99	92	234	15,971	31,059	1,945	1,482
							100	93	123	8,137	15,088	1,854	1,391

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	42	94 385	24 311,574	465 920,136	19,165	18,702
1							51	43	93 924	23 545,262	441 608,561	18,756	18,293
2							52	44	93 384	22 783,332	418 063,299	18,350	17,887
3							53	45	92 812	22 037,778	395 279,967	17,936	17,474
4							54	46	92 183	21 302,500	373 242,189	17,521	17,058
5							55	47	91 483	20 574,933	351 939,689	17,105	16,642
6							56	48	90 715	19 856,259	331 364,756	16,688	16,225
7							57	49	89 895	19 150,038	311 508,497	16,267	15,804
8	0	99 505	80 092,445	2 475 258,544	30,905	30,442	58	50	88 988	18 449,524	292 358,458	15,846	15,384
9	1	99 183	77 696,631	2 395 166,100	30,827	30,364	59	51	88 011	17 758,625	273 908,934	15,424	14,961
10	2	99 149	75 591,261	2 317 469,469	30,658	30,195	60	52	86 958	17 076,513	256 150,309	15,000	14,537
11	3	99 126	73 550,607	2 241 878,208	30,481	30,018	61	53	85 818	16 401,618	239 073,796	14,576	14,113
12	4	99 106	71 567,959	2 168 327,601	30,297	29,835	62	54	84 605	15 736,963	222 672,178	14,150	13,687
13	5	99 083	69 636,463	2 096 759,643	30,110	29,647	63	55	83 324	15 083,875	206 935,214	13,719	13,256
14	6	99 062	67 758,348	2 027 123,180	29,917	29,454	64	56	81 979	14 443,206	191 851,339	13,283	12,820
15	7	99 039	65 929,224	1 959 364,831	29,719	29,256	65	57	80 518	13 806,229	177 408,133	12,850	12,387
16	8	99 013	64 147,766	1 893 435,607	29,517	29,054	66	58	78 989	13 181,485	163 601,903	12,411	11,949
17	9	98 980	62 410,106	1 829 287,841	29,311	28,848	67	59	77 339	12 560,827	150 420,418	11,975	11,513
18	10	98 939	60 714,997	1 766 877,735	29,101	28,638	68	60	75 598	11 949,379	137 859,591	11,537	11,074
19	11	98 885	59 057,379	1 706 162,738	28,890	28,427	69	61	73 751	11 345,402	125 910,212	11,098	10,635
20	12	98 828	57 444,086	1 647 105,359	28,673	28,210	70	62	71 791	10 748,385	114 564,811	10,659	10,196
21	13	98 767	55 872,084	1 589 661,273	28,452	27,989	71	63	69 714	10 158,063	103 816,426	10,220	9,757
22	14	98 705	54 342,470	1 533 789,190	28,225	27,762	72	64	67 518	9 574,798	93 658,362	9,782	9,319
23	15	98 642	52 854,216	1 479 446,720	27,991	27,528	73	65	65 205	8 999,298	84 083,564	9,343	8,881
24	16	98 578	51 406,267	1 426 592,504	27,751	27,289	74	66	62 765	8 430,643	75 084,266	8,906	8,443
25	17	98 508	49 994,741	1 375 186,237	27,507	27,044	75	67	60 120	7 859,312	66 653,623	8,481	8,018
26	18	98 438	48 622,147	1 325 191,497	27,255	26,792	76	68	57 341	7 295,369	58 794,312	8,059	7,596
27	19	98 358	47 282,527	1 276 569,350	26,999	26,536	77	69	54 421	6 738,548	51 498,943	7,642	7,180
28	20	98 276	45 978,433	1 229 286,823	26,736	26,273	78	70	51 326	6 185,228	44 760,395	7,237	6,774
29	21	98 195	44 711,049	1 183 308,390	26,466	26,003	79	71	48 051	5 635,559	38 575,167	6,845	6,382
30	22	98 110	43 476,687	1 138 597,342	26,189	25,726	80	72	44 641	5 095,459	32 939,608	6,465	6,002
31	23	98 025	42 276,515	1 095 120,655	25,904	25,441	81	73	41 132	4 569,356	27 844,149	6,094	5,631
32	24	97 932	41 106,262	1 052 844,139	25,613	25,150	82	74	37 516	4 056,034	23 274,793	5,738	5,275
33	25	97 841	39 968,605	1 011 737,877	25,313	24,850	83	75	33 860	3 562,832	19 218,759	5,394	4,931
34	26	97 744	38 860,642	971 769,273	25,007	24,544	84	76	30 221	3 094,806	15 655,928	5,059	4,596
35	27	97 644	37 781,634	932 908,630	24,692	24,229	85	77	26 586	2 649,699	12 561,121	4,741	4,278
36	28	97 536	36 729,690	895 126,996	24,371	23,908	86	78	23 041	2 234,910	9 911,422	4,435	3,972
37	29	97 425	35 706,138	858 397,306	24,041	23,578	87	79	19 605	1 850,781	7 676,512	4,148	3,685
38	30	97 305	34 707,564	822 691,168	23,704	23,241	88	80	16 338	1 501,082	5 825,731	3,881	3,418
39	31	97 170	33 731,973	787 983,603	23,360	22,897	89	81	13 334	1 192,275	4 324,649	3,627	3,164
40	32	97 029	32 781,579	754 251,631	23,008	22,546	90	82	10 575	920,288	3 132,374	3,404	2,941
41	33	96 871	31 851,990	721 470,052	22,651	22,188	91	83	8 233	697,327	2 212,086	3,172	2,709
42	34	96 702	30 945,730	689 618,062	22,285	21,822	92	84	6 175	508,998	1 514,759	2,976	2,513
43	35	96 514	30 058,664	658 672,332	21,913	21,450	93	85	4 489	360,127	1 005,761	2,793	2,330
44	36	96 303	29 190,392	628 613,668	21,535	21,072	94	86	3 151	246,044	645,634	2,624	2,161
45	37	96 066	28 339,149	599 423,276	21,152	20,689	95	87	2 131	161,904	399,590	2,468	2,005
46	38	95 802	27 504,903	571 084,126	20,763	20,300	96	88	1 381	102,158	237,686	2,327	1,864
47	39	95 512	26 687,684	543 579,223	20,368	19,905	97	89	858	61,717	135,529	2,196	1,733
48	40	95 173	25 881,305	516 891,539	19,972	19,509	98	90	506	35,426	73,812	2,084	1,621
49	41	94 801	25 090,099	491 010,235	19,570	19,107	99	91	285	19,422	38,386	1,976	1,514
							100	92	151	10,036	18,964	1,890	1,427

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9	0	99 497	77 942,358	2 398 107,420	30,768	30,305
10	1	99 176	75 611,220	2 320 165,061	30,685	30,223
11	2	99 140	73 561,563	2 244 553,841	30,513	30,050
12	3	99 117	71 575,956	2 170 992,278	30,331	29,868
13	4	99 095	69 644,763	2 099 416,322	30,145	29,682
14	5	99 072	67 765,198	2 029 771,559	29,953	29,490
15	6	99 047	65 934,967	1 962 006,361	29,757	29,294
16	7	99 021	64 153,272	1 896 071,395	29,555	29,093
17	8	98 987	62 414,703	1 831 918,123	29,351	28,888
18	9	98 946	60 719,185	1 769 503,420	29,142	28,680
19	10	98 892	59 061,571	1 708 784,235	28,932	28,469
20	11	98 836	57 448,680	1 649 722,664	28,716	28,254
21	12	98 775	55 876,582	1 592 273,984	28,496	28,033
22	13	98 714	54 347,338	1 536 397,402	28,270	27,807
23	14	98 653	52 859,945	1 482 050,064	28,037	27,574
24	15	98 523	51 412,734	1 429 190,119	27,798	27,336
25	16	98 523	50 002,435	1 377 777,385	27,554	27,091
26	17	98 454	48 629,951	1 327 774,951	27,304	26,841
27	18	98 381	47 293,329	1 279 145,000	27,047	26,584
28	19	98 296	45 987,931	1 231 851,671	26,786	26,324
29	20	98 216	44 720,977	1 185 863,740	26,517	26,054
30	21	98 130	43 485,788	1 141 142,763	26,242	25,779
31	22	98 047	42 286,002	1 097 656,975	25,958	25,495
32	23	97 955	41 115,660	1 055 370,974	25,668	25,206
33	24	97 860	39 976,686	1 014 255,314	25,371	24,908
34	25	97 766	38 869,193	974 278,628	25,066	24,603
35	26	97 667	37 790,578	935 409,436	24,752	24,290
36	27	97 562	36 739,560	897 618,858	24,432	23,969
37	28	97 450	35 715,170	860 879,298	24,104	23,641
38	29	97 333	34 717,525	825 164,128	23,768	23,305
39	30	97 198	33 741,523	790 446,603	23,427	22,964
40	31	97 059	32 791,483	756 705,080	23,076	22,613
41	32	96 905	31 863,285	723 913,597	22,719	22,257
42	33	96 738	30 957,049	692 050,312	22,355	21,892
43	34	96 555	30 071,437	661 093,263	21,984	21,521
44	35	96 341	29 202,008	631 021,826	21,609	21,146
45	36	96 112	28 352,623	601 819,819	21,226	20,763
46	37	95 853	27 519,590	573 467,196	20,839	20,376
47	38	95 565	26 702,549	545 947,605	20,446	19,983
48	39	95 236	25 898,438	519 245,056	20,049	19,586
49	40	94 868	25 107,831	493 346,618	19,649	19,186
50	41	94 461	24 331,076	468 238,787	19,244	18,782
51	42	94 008	23 566,238	443 907,712	18,837	18,374
52	43	93 480	22 806,685	420 341,474	18,431	17,968
53	44	92 917	22 062,558	397 534,789	18,019	17,556
54	45	92 300	21 329,572	375 472,231	17,603	17,141
55	46	91 612	20 603,967	354 142,659	17,188	16,725
56	47	90 864	19 888,780	333 538,693	16,770	16,307
57	48	90 054	19 183,964	313 649,913	16,350	15,887
58	49	89 171	18 487,565	294 465,949	15,928	15,465
59	50	88 205	17 797,834	275 978,384	15,506	15,043
60	51	87 171	17 118,398	258 180,550	15,082	14,619
61	52	86 054	16 446,770	241 062,152	14,657	14,194
62	53	84 860	15 784,420	224 615,381	14,230	13,767
63	54	83 590	15 132,165	208 830,961	13,800	13,338
64	55	82 270	14 494,563	193 698,796	13,364	12,901
65	56	80 823	13 858,506	179 204,233	12,931	12,468
66	57	79 306	13 234,377	165 345,727	12,494	12,031
67	58	77 682	12 616,495	152 111,350	12,057	11,594
68	59	75 957	12 006,072	139 494,854	11,619	11,156
69	60	74 150	11 406,877	127 488,783	11,176	10,714
70	61	72 206	10 810,510	116 081,905	10,738	10,275
71	62	70 157	10 222,544	105 271,395	10,298	9,835
72	63	67 976	9 639,750	95 048,852	9,860	9,397
73	64	65 688	9 065,927	85 409,102	9,421	8,958
74	65	63 259	8 497,004	76 343,175	8,985	8,522
75	66	60 639	7 927,122	67 846,172	8,559	8,096
76	67	57 870	7 362,606	59 919,050	8,138	7,675
77	68	54 955	6 804,625	52 556,443	7,724	7,261
78	69	51 877	6 251,629	45 751,818	7,318	6,856
79	70	48 615	5 701,726	39 500,189	6,928	6,465
80	71	45 223	5 161,930	33 798,463	6,548	6,085
81	72	41 737	4 636,482	28 636,533	6,176	5,714
82	73	38 136	4 123,080	24 000,051	5,821	5,358
83	74	34 502	3 630,384	19 876,971	5,475	5,012
84	75	30 884	3 162,671	16 246,586	5,137	4,674
85	76	27 253	2 716,227	13 083,916	4,817	4,354
86	77	23 698	2 298,637	10 367,689	4,510	4,048
87	78	20 255	1 912,099	8 069,052	4,220	3,757
88	79	16 954	1 557,634	6 156,953	3,953	3,490
89	80	13 915	1 244,241	4 599,320	3,696	3,234
90	81	11 104	966,273	3 355,078	3,472	3,009
91	82	8 714	738,025	2 388,805	3,237	2,774
92	83	6 588	543,053	1 650,780	3,040	2,577
93	84	4 839	388,200	1 107,727	2,853	2,391
94	85	3 436	268,242	719,527	2,682	2,220
95	86	2 352	178,746	451,284	2,525	2,062
96	87	1 549	114,564	272,539	2,379	1,916
97	88	977	70,315	157,974	2,247	1,784
98	89	589	41,266	87,659	2,124	1,661
99	90	337	22,979	46,393	2,019	1,556
100	91	184	12,205	23,414	1,918	1,456

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	40	94 528	24 348,271	470 362,759	19,318	18,855
1							51	41	94 083	23 585,141	446 014,488	18,911	18,448
2							52	42	93 563	22 827,003	422 429,347	18,506	18,043
3							53	43	93 012	22 085,172	399 602,344	18,094	17,631
4							54	44	92 404	21 353,556	377 517,173	17,679	17,217
5							55	45	91 728	20 630,151	356 163,617	17,264	16,801
6							56	46	90 992	19 916,845	335 533,466	16,847	16,384
7							57	47	90 201	19 215,383	315 616,621	16,425	15,962
8							58	48	89 329	18 520,317	296 401,238	16,004	15,541
9							59	49	88 387	17 834,531	277 880,921	15,581	15,118
10	0	99 489	75 850,353	2 322 877,380	30,624	30,162	60	50	87 364	17 156,193	260 046,390	15,158	14,695
11	1	99 167	73 580,986	2 247 027,028	30,538	30,075	61	51	86 265	16 487,111	242 890,197	14,732	14,269
12	2	99 132	71 586,618	2 173 446,042	30,361	29,898	62	52	85 093	15 827,873	226 403,086	14,304	13,841
13	3	99 106	69 652,546	2 101 859,424	30,176	29,714	63	53	83 842	15 177,798	210 575,212	13,874	13,411
14	4	99 084	67 773,275	2 032 206,878	29,985	29,523	64	54	82 534	14 540,966	195 397,414	13,438	12,975
15	5	99 057	65 941,632	1 964 433,604	29,790	29,328	65	55	81 110	13 907,784	180 856,448	13,004	12,541
16	6	99 030	64 158,860	1 898 491,972	29,590	29,128	66	56	79 606	13 284,489	166 948,664	12,567	12,104
17	7	98 995	62 420,060	1 834 333,112	29,387	28,924	67	57	77 994	12 667,120	153 664,175	12,131	11,668
18	8	98 953	60 723,657	1 771 913,052	29,180	28,717	68	58	76 293	12 059,281	140 997,055	11,692	11,229
19	9	98 899	59 065,645	1 711 189,395	28,971	28,508	69	59	74 502	11 460,996	128 937,774	11,250	10,787
20	10	98 843	57 452,757	1 652 123,750	28,756	28,293	70	60	72 597	10 869,087	117 476,777	10,808	10,346
21	11	98 783	55 881,050	1 594 670,992	28,537	28,074	71	61	70 562	10 281,629	106 607,690	10,369	9,906
22	12	98 722	54 351,713	1 538 789,942	28,312	27,849	72	62	68 408	9 700,940	96 326,061	9,930	9,467
23	13	98 661	52 864,680	1 484 438,228	28,080	27,617	73	63	66 134	9 127,426	86 625,121	9,491	9,028
24	14	98 601	51 418,307	1 431 573,548	27,842	27,379	74	64	63 727	8 559,914	77 497,695	9,054	8,591
25	15	98 535	50 008,725	1 380 155,241	27,598	27,135	75	65	61 116	7 989,519	68 937,781	8,629	8,166
26	16	98 469	48 637,435	1 330 146,516	27,348	26,885	76	66	58 369	7 426,132	60 948,262	8,207	7,744
27	17	98 396	47 300,920	1 281 509,081	27,093	26,630	77	67	55 461	6 867,340	53 522,131	7,794	7,331
28	18	98 318	45 998,437	1 234 208,161	26,832	26,369	78	68	52 386	6 312,932	46 654,791	7,390	6,928
29	19	98 237	44 730,215	1 188 209,724	26,564	26,101	79	69	49 137	5 762,937	40 341,859	7,000	6,537
30	20	98 152	43 495,444	1 143 479,509	26,290	25,827	80	70	45 754	5 222,536	34 578,922	6,621	6,158
31	21	98 067	42 294,853	1 099 984,065	26,008	25,545	81	71	42 281	4 696,966	29 356,386	6,250	5,787
32	22	97 977	41 124,885	1 057 689,212	25,719	25,256	82	72	38 696	4 183,650	24 659,420	5,894	5,431
33	23	97 883	39 985,826	1 016 564,326	25,423	24,960	83	73	35 072	3 690,394	20 475,770	5,548	5,086
34	24	97 786	38 877,051	976 578,501	25,120	24,657	84	74	31 469	3 222,636	16 785,376	5,209	4,746
35	25	97 688	37 798,893	937 701,450	24,808	24,345	85	75	27 851	2 775,789	13 562,740	4,886	4,423
36	26	97 585	36 748,257	899 902,557	24,488	24,025	86	76	24 293	2 356,350	10 786,950	4,578	4,115
37	27	97 476	35 724,767	863 154,300	24,161	23,698	87	77	20 832	1 966,621	8 430,600	4,287	3,824
38	28	97 357	34 726,307	827 429,533	23,827	23,364	88	78	17 515	1 609,239	6 463,979	4,017	3,554
39	29	97 226	33 751,207	792 703,226	23,487	23,024	89	79	14 439	1 291,116	4 854,740	3,760	3,297
40	30	97 086	32 800,766	758 952,019	23,138	22,675	90	80	11 588	1 008,389	3 563,623	3,534	3,071
41	31	96 934	31 872,911	726 151,253	22,783	22,320	91	81	9 149	774,903	2 555,234	3,297	2,835
42	32	96 772	30 968,026	694 278,342	22,419	21,956	92	82	6 973	574,747	1 780,331	3,098	2,635
43	33	96 590	30 082,436	663 310,315	22,050	21,587	93	83	5 163	414,173	1 205,583	2,911	2,448
44	34	96 382	29 214,417	633 227,879	21,675	21,212	94	84	3 704	289,153	791,410	2,737	2,274
45	35	96 150	28 363,905	604 013,462	21,295	20,832	95	85	2 565	194,872	502,257	2,577	2,115
46	36	95 899	27 532,674	575 649,557	20,908	20,445	96	86	1 710	126,482	307,385	2,430	1,967
47	37	95 616	26 716,808	548 116,883	20,516	20,053	97	87	1 096	78,855	180,904	2,294	1,831
48	38	95 289	25 912,864	521 400,075	20,121	19,658	98	88	671	47,015	102,049	2,171	1,708
49	39	94 931	25 124,452	495 487,211	19,721	19,258	99	89	393	26,767	55,034	2,056	1,593
							100	90	218	14,440	28,267	1,957	1,495

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	39	94 590	24 364,389	472 308,103	19,385	18,922
1							51	40	94 150	23 601,809	447 943,714	18,979	18,516
2							52	41	93 638	22 845,313	424 341,905	18,575	18,112
3							53	42	93 095	22 104,847	401 496,592	18,163	17,700
4							54	43	92 498	21 375,443	379 391,745	17,749	17,286
5							55	44	91 831	20 653,348	358 016,302	17,335	16,872
6							56	45	91 108	19 942,156	337 362,954	16,917	16,454
7							57	46	90 329	19 242,498	317 420,798	16,496	16,033
8							58	47	89 476	18 550,650	298 178,300	16,074	15,611
9							59	48	88 544	17 866,126	279 627,651	15,651	15,188
10							60	49	87 544	17 191,568	261 761,524	15,226	14,763
11	0	99 480	73 813,697	2 249 528,426	30,476	30,013	61	50	86 456	16 523,512	244 569,957	14,801	14,339
12	1	99 158	71 605,519	2 175 714,729	30,385	29,922	62	51	85 302	15 866,696	228 046,445	14,373	13,910
13	2	99 121	69 662,921	2 104 109,210	30,204	29,741	63	52	84 073	15 219,582	212 179,749	13,941	13,478
14	3	99 095	67 780,848	2 034 446,288	30,015	29,552	64	53	82 782	14 584,816	196 960,167	13,504	13,042
15	4	99 069	65 949,492	1 966 665,440	29,821	29,358	65	54	81 370	13 952,309	182 375,351	13,071	12,609
16	5	99 040	64 165,345	1 900 715,948	29,622	29,159	66	55	79 889	13 331,725	168 423,042	12,633	12,170
17	6	99 004	62 425,497	1 836 550,603	29,420	28,957	67	56	78 289	12 715,084	155 091,317	12,197	11,735
18	7	98 962	60 728,869	1 774 125,106	29,214	28,751	68	57	76 599	12 107,670	142 376,232	11,759	11,296
19	8	98 906	59 069,995	1 713 396,237	29,006	28,543	69	58	74 832	11 511,790	130 268,563	11,316	10,853
20	9	98 850	57 456,721	1 654 326,242	28,793	28,330	70	59	72 942	10 920,655	118 756,773	10,875	10,412
21	10	98 790	55 885,016	1 596 869,521	28,574	28,111	71	60	70 945	10 337,341	107 836,118	10,432	9,969
22	11	98 730	54 356,060	1 540 984,504	28,350	27,887	72	61	68 803	9 757,010	97 498,777	9,993	9,530
23	12	98 669	52 868,936	1 486 628,444	28,119	27,656	73	62	66 553	9 185,364	87 741,767	9,552	9,090
24	13	98 610	51 422,913	1 433 759,508	27,882	27,419	74	63	64 160	8 617,981	78 556,402	9,115	8,653
25	14	98 546	50 014,146	1 382 336,595	27,639	27,176	75	64	61 569	8 048,672	69 938,422	8,689	8,227
26	15	98 481	48 643,553	1 332 322,448	27,389	26,927	76	65	58 828	7 484,585	61 889,750	8,269	7,806
27	16	98 411	47 308,199	1 283 678,895	27,134	26,672	77	66	55 940	6 926,592	54 405,164	7,855	7,392
28	17	98 334	46 005,820	1 236 370,696	26,874	26,411	78	67	52 869	6 371,115	47 478,573	7,452	6,989
29	18	98 259	44 740,434	1 190 364,876	26,606	26,143	79	68	49 619	5 819,447	41 107,458	7,064	6,601
30	19	98 172	43 504,429	1 145 624,441	26,334	25,871	80	69	46 245	5 278,603	35 288,010	6,685	6,222
31	20	98 089	42 304,245	1 102 120,012	26,052	25,589	81	70	42 777	4 752,113	30 009,407	6,315	5,852
32	21	97 997	41 133,494	1 059 815,768	25,765	25,302	82	71	39 201	4 238,226	25 257,295	5,959	5,497
33	22	97 905	39 994,798	1 018 682,274	25,470	25,008	83	72	35 588	3 744,608	21 019,068	5,613	5,150
34	23	97 808	38 885,940	978 687,476	25,168	24,705	84	73	31 989	3 275,906	17 274,461	5,273	4,810
35	24	97 708	37 806,535	939 801,536	24,858	24,395	85	74	28 379	2 828,419	13 998,554	4,949	4,486
36	25	97 606	36 756,343	901 995,001	24,540	24,077	86	75	24 825	2 408,022	11 170,135	4,639	4,176
37	26	97 499	35 733,224	865 238,658	24,214	23,751	87	76	21 355	2 015,998	8 762,113	4,346	3,883
38	27	97 383	34 735,638	829 505,434	23,881	23,418	88	77	18 015	1 655,125	6 746,115	4,076	3,613
39	28	97 250	33 759,743	794 769,796	23,542	23,079	89	78	14 918	1 333,892	5 090,990	3,817	3,354
40	29	97 114	32 810,180	761 010,053	23,194	22,732	90	79	12 024	1 046,379	3 757,098	3,591	3,128
41	30	96 962	31 881,935	728 199,872	22,841	22,378	91	80	9 548	808,678	2 710,718	3,352	2,889
42	31	96 801	30 977,382	696 317,938	22,478	22,015	92	81	7 321	603,467	1 902,040	3,152	2,689
43	32	96 624	30 093,104	665 340,555	22,109	21,647	93	82	5 464	438,346	1 298,574	2,962	2,500
44	33	96 418	29 225,103	635 247,452	21,736	21,274	94	83	3 951	308,499	860,228	2,788	2,326
45	34	96 191	28 375,958	606 022,349	21,357	20,894	95	84	2 765	210,063	551,729	2,626	2,164
46	35	95 937	27 543,630	577 646,391	20,972	20,509	96	85	1 865	137,893	341,666	2,478	2,015
47	36	95 661	26 729,510	550 102,761	20,580	20,118	97	86	1 210	87,058	203,773	2,341	1,878
48	37	95 340	25 926,700	523 373,251	20,187	19,724	98	87	753	52,725	116,716	2,214	1,751
49	38	94 983	25 138,447	497 446,550	19,788	19,325	99	88	447	30,496	63,991	2,098	1,636
							100	89	254	16,821	33,495	1,991	1,528

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	38	94 643	24 377,961	474 088,314	19,447	18,985
1							51	39	94 212	23 617,433	449 710,353	19,041	18,579
2							52	40	93 704	22 861,458	426 092,919	18,638	18,175
3							53	41	93 169	22 122,578	403 231,461	18,227	17,764
4							54	42	92 581	21 394,486	381 108,883	17,813	17,351
5							55	43	91 926	20 674,518	359 714,397	17,399	16,936
6							56	44	91 210	19 964,579	339 039,880	16,982	16,519
7							57	45	90 443	19 266,952	319 075,301	16,561	16,098
8							58	46	89 602	18 576,826	299 808,348	16,139	15,676
9							59	47	88 689	17 895,387	281 231,522	15,715	15,252
10							60	48	87 699	17 222,024	263 336,135	15,291	14,828
11							61	49	86 634	16 557,582	246 114,111	14,864	14,401
12	0	99 472	71 831,983	2 178 022,145	30,321	29,858	62	50	85 490	15 901,727	229 556,529	14,436	13,973
13	1	99 147	69 681,315	2 106 190,162	30,226	29,763	63	51	84 280	15 256,912	213 654,802	14,004	13,541
14	2	99 110	67 790,945	2 036 508,847	30,041	29,578	64	52	83 010	14 624,967	198 397,890	13,566	13,103
15	3	99 080	65 956,861	1 968 717,902	29,849	29,386	65	53	81 616	13 994,384	183 772,923	13,132	12,669
16	4	99 052	64 172,993	1 902 761,041	29,650	29,188	66	54	80 145	13 374,406	169 778,539	12,694	12,231
17	5	99 014	62 431,807	1 838 588,047	29,450	28,987	67	55	78 568	12 760,296	156 404,133	12,257	11,794
18	6	98 971	60 734,159	1 776 156,240	29,245	28,782	68	56	76 889	12 153,515	143 643,837	11,819	11,356
19	7	98 914	59 075,066	1 715 422,082	29,038	28,575	69	57	75 133	11 557,982	131 490,322	11,377	10,914
20	8	98 857	57 460,953	1 656 347,016	28,826	28,363	70	58	73 265	10 969,054	119 932,339	10,934	10,471
21	9	98 797	55 888,872	1 598 886,063	28,608	28,145	71	59	71 281	10 386,385	108 963,286	10,491	10,028
22	10	98 737	54 359,918	1 542 997,191	28,385	27,922	72	60	69 176	9 809,879	98 576,900	10,049	9,586
23	11	98 677	52 873,164	1 488 637,273	28,155	27,692	73	61	66 938	9 238,455	88 767,021	9,608	9,146
24	12	98 618	51 427,053	1 435 764,109	27,918	27,456	74	62	64 567	8 672,685	79 528,566	9,170	8,707
25	13	98 555	50 018,627	1 384 337,056	27,676	27,214	75	63	61 987	8 103,271	70 855,881	8,744	8,281
26	14	98 492	48 648,826	1 334 318,429	27,428	26,965	76	64	59 264	7 540,000	62 752,610	8,323	7,860
27	15	98 424	47 314,151	1 285 669,603	27,173	26,710	77	65	56 380	6 981,113	55 212,610	7,909	7,446
28	16	98 349	46 012,900	1 238 355,452	26,913	26,450	78	66	53 325	6 426,085	48 231,497	7,506	7,043
29	17	98 275	44 747,615	1 192 342,552	26,646	26,183	79	67	50 076	5 873,082	41 805,412	7,118	6,655
30	18	98 195	43 514,368	1 147 594,937	26,373	25,910	80	68	46 699	5 330,364	35 932,330	6,741	6,278
31	19	98 109	42 312,984	1 104 080,568	26,093	25,630	81	69	43 237	4 803,129	30 601,966	6,371	5,908
32	20	98 019	41 142,628	1 061 767,585	25,807	25,344	82	70	39 661	4 287,987	25 798,836	6,017	5,554
33	21	97 925	40 003,170	1 020 624,957	25,514	25,051	83	71	36 052	3 793,457	21 510,849	5,671	5,208
34	22	97 830	38 894,665	980 621,787	25,212	24,749	84	72	32 459	3 324,031	17 717,392	5,330	4,867
35	23	97 731	37 815,179	941 727,122	24,903	24,441	85	73	28 848	2 875,173	14 393,362	5,006	4,543
36	24	97 626	36 763,774	903 911,943	24,587	24,124	86	74	25 296	2 453,679	11 518,188	4,694	4,231
37	25	97 520	35 741,086	867 148,169	24,262	23,799	87	75	21 824	2 060,206	9 064,510	4,400	3,937
38	26	97 406	34 743,861	831 407,083	23,930	23,467	88	76	18 467	1 696,682	7 004,304	4,128	3,665
39	27	97 276	33 768,815	796 663,222	23,592	23,129	89	77	15 343	1 371,927	5 307,622	3,869	3,406
40	28	97 139	32 818,479	762 894,407	23,246	22,783	90	78	12 423	1 081,046	3 935,695	3,641	3,178
41	29	96 989	31 891,085	730 075,927	22,893	22,430	91	79	9 908	839,144	2 854,649	3,402	2,939
42	30	96 829	30 986,152	698 184,843	22,532	22,069	92	80	7 640	629,769	2 015,505	3,200	2,738
43	31	96 653	30 102,195	667 198,690	22,164	21,702	93	81	5 737	460,249	1 385,736	3,011	2,548
44	32	96 452	29 235,466	637 096,495	21,792	21,329	94	82	4 182	326,504	925,487	2,835	2,372
45	33	96 226	28 386,337	607 861,029	21,414	20,951	95	83	2 950	224,118	598,983	2,673	2,210
46	34	95 978	27 555,335	579 474,692	21,029	20,567	96	84	2 010	148,642	374,865	2,522	2,059
47	35	95 700	26 740,146	551 919,357	20,640	20,177	97	85	1 319	94,912	226,223	2,383	1,921
48	36	95 385	25 939,027	525 179,211	20,247	19,784	98	86	831	58,209	131,311	2,256	1,793
49	37	95 034	25 151,870	499 240,184	19,849	19,386	99	87	502	34,200	73,101	2,137	1,675
							100	88	289	19,165	38,902	2,030	1,567

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß 2,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	37	94 694	24 390,978	475 717,817	19,504	19,041
1							51	38	94 264	23 630,589	451 326,839	19,099	18,636
2							52	39	93 766	22 876,592	427 696,250	18,696	18,233
3							53	40	93 235	22 138,213	404 819,658	18,286	17,823
4							54	41	92 655	21 411,647	382 681,445	17,873	17,410
5							55	42	92 007	20 692,936	361 269,798	17,459	16,996
6							56	43	91 304	19 985,043	340 576,862	17,042	16,579
7							57	44	90 545	19 288,616	320 591,820	16,621	16,158
8							58	45	89 716	18 600,435	301 303,203	16,199	15,736
9							59	46	88 814	17 920,639	282 702,769	15,775	15,312
10							60	47	87 843	17 250,230	264 782,129	15,349	14,887
11							61	48	86 788	16 586,915	247 531,899	14,923	14,461
12							62	49	85 667	15 934,515	230 944,985	14,493	14,031
13	0	99 461	69 901,693	2 108 319,368	30,161	29,698	63	50	84 466	15 290,597	215 010,470	14,062	13,599
14	1	99 136	67 808,844	2 038 417,675	30,061	29,598	64	51	83 214	14 660,839	199 719,873	13,623	13,160
15	2	99 095	65 966,686	1 970 608,831	29,873	29,410	65	52	81 840	14 032,909	185 059,034	13,188	12,725
16	3	99 063	64 180,164	1 904 642,145	29,676	29,214	66	53	80 386	13 414,738	171 026,124	12,749	12,286
17	4	99 026	62 439,249	1 840 461,980	29,476	29,013	67	54	78 819	12 801,147	157 611,386	12,312	11,849
18	5	98 981	60 740,298	1 778 022,732	29,273	28,810	68	55	77 163	12 196,730	144 810,239	11,873	11,410
19	6	98 923	59 080,211	1 717 282,434	29,067	28,604	69	56	75 417	11 601,746	132 613,508	11,430	10,968
20	7	98 866	57 465,885	1 658 202,223	28,855	28,393	70	57	73 559	11 013,068	121 011,762	10,988	10,525
21	8	98 804	55 892,988	1 600 736,338	28,639	28,176	71	58	71 597	10 432,416	109 998,694	10,544	10,081
22	9	98 744	54 363,668	1 544 843,350	28,417	27,954	72	59	69 504	9 856,422	99 566,277	10,102	9,639
23	10	98 684	52 876,917	1 490 479,682	28,188	27,725	73	60	67 301	9 288,514	89 709,856	9,658	9,195
24	11	98 626	51 431,166	1 437 602,765	27,952	27,489	74	61	64 940	8 722,812	80 421,342	9,220	8,757
25	12	98 563	50 022,654	1 386 171,599	27,711	27,248	75	62	62 380	8 154,708	71 698,530	8,792	8,329
26	13	98 501	48 653,185	1 336 148,945	27,463	27,000	76	63	59 666	7 591,148	63 543,822	8,371	7,908
27	14	98 435	47 319,280	1 287 495,761	27,209	26,746	77	64	56 798	7 032,800	55 952,674	7,956	7,493
28	15	98 362	46 018,689	1 240 176,481	26,949	26,487	78	65	53 745	6 476,667	48 919,874	7,553	7,090
29	16	98 290	44 754,502	1 194 157,792	26,682	26,220	79	66	50 508	5 923,756	42 443,206	7,165	6,702
30	17	98 210	43 521,352	1 149 403,291	26,410	25,947	80	67	47 129	5 379,491	36 519,451	6,789	6,326
31	18	98 132	42 322,651	1 105 881,938	26,130	25,667	81	68	43 661	4 850,228	31 139,959	6,420	5,957
32	19	98 039	41 151,127	1 063 559,288	25,845	25,382	82	69	40 087	4 334,021	26 289,731	6,066	5,603
33	20	97 947	40 012,052	1 022 408,161	25,553	25,090	83	70	36 475	3 837,996	21 955,710	5,721	5,258
34	21	97 851	38 902,807	982 396,109	25,253	24,790	84	71	32 883	3 367,393	18 117,715	5,380	4,918
35	22	97 752	37 823,664	943 493,302	24,945	24,482	85	72	29 272	2 917,411	14 750,321	5,056	4,593
36	23	97 648	36 772,179	905 669,638	24,629	24,166	86	73	25 714	2 494,238	11 832,911	4,744	4,281
37	24	97 540	35 748,312	868 897,458	24,306	23,843	87	74	22 238	2 099,268	9 338,673	4,449	3,986
38	25	97 428	34 751,506	833 149,146	23,974	23,512	88	75	18 872	1 733,887	7 239,404	4,175	3,712
39	26	97 299	33 776,809	798 397,640	23,637	23,175	89	76	15 728	1 406,373	5 505,517	3,915	3,452
40	27	97 165	32 827,298	764 620,831	23,292	22,829	90	77	12 777	1 111,872	4 099,144	3,687	3,224
41	28	97 014	31 899,151	731 793,533	22,941	22,478	91	78	10 236	866,945	2 987,273	3,446	2,983
42	29	96 857	30 995,046	699 894,382	22,581	22,118	92	79	7 928	653,495	2 120,327	3,245	2,782
43	30	96 681	30 110,717	668 899,336	22,215	21,752	93	80	5 987	480,309	1 466,832	3,054	2,591
44	31	96 481	29 244,299	638 788,619	21,843	21,380	94	81	4 391	342,819	986,523	2,878	2,415
45	32	96 260	28 396,403	609 544,320	21,466	21,003	95	82	3 122	237,198	643,704	2,714	2,251
46	33	96 013	27 565,414	581 147,917	21,083	20,620	96	83	2 144	158,587	406,506	2,563	2,100
47	34	95 740	26 751,509	553 582,503	20,694	20,231	97	84	1 422	102,311	247,919	2,423	1,960
48	35	95 423	25 949,348	526 830,994	20,302	19,839	98	85	906	63,461	145,608	2,294	1,832
49	36	95 079	25 163,828	500 881,646	19,905	19,442	99	86	554	37,757	82,147	2,176	1,713
							100	87	324	21,492	44,390	2,065	1,603

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	36	94 739	24 402,574	477 209,036	19,556	19,093
1							51	37	94 315	23 643,207	452 806,461	19,152	18,689
2							52	38	93 818	22 889,335	429 163,254	18,749	18,287
3							53	39	93 297	22 152,868	406 273,919	18,340	17,877
4							54	40	92 720	21 426,779	384 121,051	17,927	17,464
5							55	41	92 081	20 709,535	362 694,272	17,513	17,051
6							56	42	91 385	20 002,847	341 984,737	17,097	16,634
7							57	43	90 638	19 308,387	321 981,891	16,676	16,213
8							58	44	89 817	18 621,349	302 673,504	16,254	15,791
9							59	45	88 927	17 943,414	284 052,154	15,830	15,368
10							60	46	87 966	17 274,572	266 108,741	15,405	14,942
11							61	47	86 930	16 614,081	248 834,169	14,977	14,514
12							62	48	85 819	15 962,744	232 220,088	14,548	14,085
13							63	49	84 640	15 322,125	216 257,345	14,114	13,651
14	0	99 450	68 023,300	2 040 383,276	29,995	29,533	64	50	83 398	14 693,208	200 935,220	13,675	13,213
15	1	99 121	65 984,104	1 972 359,975	29,891	29,429	65	51	82 041	14 067,329	186 242,011	13,239	12,777
16	2	99 077	64 189,725	1 906 375,872	29,699	29,236	66	52	80 608	13 451,668	172 174,682	12,800	12,337
17	3	99 037	62 446,226	1 842 186,147	29,500	29,038	67	53	79 057	12 839,750	158 723,014	12,362	11,899
18	4	98 992	60 747,538	1 779 739,921	29,297	28,834	68	54	77 410	12 235,778	145 883,264	11,923	11,460
19	5	98 933	59 086,183	1 718 992,383	29,093	28,630	69	55	75 685	11 643,000	133 647,486	11,479	11,016
20	6	98 875	57 470,890	1 659 906,200	28,883	28,420	70	56	73 838	11 054,769	122 004,487	11,036	10,574
21	7	98 813	55 897,786	1 602 435,310	28,667	28,204	71	57	71 884	10 474,278	110 949,718	10,593	10,130
22	8	98 751	54 367,672	1 546 537,524	28,446	27,983	72	58	69 812	9 900,104	100 475,440	10,149	9,686
23	9	98 691	52 880,565	1 492 169,852	28,218	27,755	73	59	67 620	9 332,583	90 575,336	9,705	9,242
24	10	98 633	51 434,816	1 439 289,287	27,983	27,520	74	60	65 292	8 770,077	81 242,754	9,264	8,801
25	11	98 571	50 026,654	1 387 854,471	27,742	27,279	75	61	62 741	8 201,842	72 472,676	8,836	8,373
26	12	98 509	48 657,101	1 337 827,817	27,495	27,032	76	62	60 045	7 639,334	64 270,835	8,413	7,950
27	13	98 443	47 323,519	1 289 170,715	27,242	26,779	77	63	57 183	7 080,508	56 631,501	7,998	7,535
28	14	98 372	46 023,677	1 241 847,197	26,983	26,520	78	64	54 142	6 524,619	49 550,993	7,594	7,132
29	15	98 302	44 760,132	1 195 823,519	26,716	26,253	79	65	50 906	5 970,384	43 026,374	7,207	6,744
30	16	98 225	43 528,050	1 151 063,387	26,444	25,981	80	66	47 536	5 425,906	37 055,990	6,829	6,367
31	17	98 148	42 329,443	1 107 535,337	26,165	25,702	81	67	44 063	4 894,930	31 630,084	6,462	5,999
32	18	98 062	41 160,528	1 065 205,894	25,879	25,416	82	68	40 480	4 376,520	26 735,154	6,109	5,646
33	19	97 967	40 020,318	1 024 045,366	25,588	25,125	83	69	36 867	3 879,199	22 358,634	5,764	5,301
34	20	97 872	38 911,445	984 025,048	25,289	24,826	84	70	33 269	3 406,930	18 479,436	5,424	4,961
35	21	97 773	37 831,582	945 113,603	24,982	24,519	85	71	29 654	2 955,469	15 072,506	5,100	4,637
36	22	97 670	36 780,430	907 282,021	24,668	24,205	86	72	26 092	2 530,879	12 117,037	4,788	4,325
37	23	97 562	35 756,485	870 501,590	24,345	23,882	87	73	22 605	2 133,969	9 586,158	4,492	4,029
38	24	97 448	34 758,532	834 745,105	24,016	23,553	88	74	19 230	1 766,763	7 452,189	4,218	3,755
39	25	97 321	33 784,241	799 986,573	23,679	23,216	89	75	16 073	1 437,213	5 685,426	3,956	3,493
40	26	97 188	32 835,069	766 202,332	23,335	22,872	90	76	13 098	1 139,788	4 248,214	3,727	3,264
41	27	97 040	31 907,723	733 367,263	22,984	22,521	91	77	10 528	891,666	3 108,425	3,486	3,023
42	28	96 881	31 002,885	701 459,540	22,626	22,163	92	78	8 191	675,146	2 216,760	3,283	2,821
43	29	96 708	30 119,359	670 456,655	22,260	21,797	93	79	6 213	498,404	1 541,614	3,093	2,630
44	30	96 508	29 252,578	640 337,295	21,890	21,427	94	80	4 582	357,761	1 043,210	2,916	2,453
45	31	96 289	28 404,982	611 084,717	21,513	21,050	95	81	3 278	249,050	685,449	2,752	2,289
46	32	96 047	27 575,188	582 679,735	21,131	20,668	96	82	2 270	167,843	436,398	2,600	2,137
47	33	95 775	26 761,294	555 104,547	20,743	20,280	97	83	1 517	109,156	268,556	2,460	1,997
48	34	95 464	25 960,376	528 343,253	20,352	19,889	98	84	977	68,408	159,400	2,330	1,867
49	35	95 117	25 173,841	502 382,877	19,957	19,494	99	85	604	41,164	90,992	2,210	1,748
							100	86	358	23,728	49,828	2,100	1,637

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15	0	99 435	66 192 789	1 974 175 420	29,825	29,362
16	1	99 104	64 206 673	1 907 982 631	29,716	29,253
17	2	99 052	62 455 528	1 843 775 958	29,521	29,059
18	3	99 003	60 754 326	1 781 320 430	29,320	28,857
19	4	98 945	59 093 226	1 720 566 103	29,116	28,653
20	5	98 885	57 476 699	1 661 472 878	28,907	28,444
21	6	98 821	55 902 654	1 603 996 178	28,693	28,230
22	7	98 759	54 372 339	1 548 093 524	28,472	28,009
23	8	98 698	52 884 460	1 493 721 185	28,245	27,782
24	9	98 640	51 438 365	1 440 836 726	28,011	27,548
25	10	98 578	50 030 205	1 389 398 361	27,771	27,308
26	11	98 516	48 660 993	1 339 368 156	27,524	27,062
27	12	98 451	47 327 328	1 290 707 163	27,272	26,809
28	13	98 381	46 027 800	1 243 379 835	27,014	26,551
29	14	98 313	44 764 984	1 197 352 035	26,748	26,285
30	15	98 238	43 533 526	1 152 587 051	26,476	26,013
31	16	98 163	42 335 958	1 109 053 525	26,196	25,734
32	17	98 077	41 167 135	1 066 717 567	25,912	25,449
33	18	97 990	40 029 461	1 025 550 432	25,620	25,157
34	19	97 892	38 919 483	985 520 971	25,322	24,859
35	20	97 795	37 839 982	946 601 488	25,016	24,553
36	21	97 691	36 788 130	908 761 506	24,703	24,240
37	22	97 584	35 764 509	871 973 376	24,381	23,918
38	23	97 470	34 766 479	836 208 868	24,052	23,589
39	24	97 340	33 791 071	801 442 389	23,718	23,255
40	25	97 209	32 842 294	767 651 318	23,374	22,911
41	26	97 063	31 915 276	734 809 024	23,024	22,561
42	27	96 907	31 011 216	702 893 747	22,666	22,203
43	28	96 733	30 126 978	671 882 531	22,302	21,839
44	29	96 536	29 260 973	641 755 553	21,932	21,469
45	30	96 316	28 413 024	612 494 580	21,557	21,094
46	31	96 076	27 583 519	584 081 556	21,175	20,712
47	32	95 809	26 770 784	556 498 037	20,788	20,325
48	33	95 499	25 969 871	529 727 253	20,398	19,935
49	34	95 158	25 184 539	503 757 382	20,003	19,540
50	35	94 776	24 412 285	478 572 843	19,604	19,141
51	36	94 360	23 654 448	454 160 558	19,200	18,737
52	37	93 869	22 901 557	430 506 110	18,798	18,335
53	38	93 349	22 165 208	407 604 553	18,389	17,927
54	39	92 782	21 440 963	385 439 345	17,977	17,514
55	40	92 146	20 724 171	363 998 382	17,564	17,101
56	41	91 458	20 018 892	343 274 211	17,148	16,685
57	42	90 719	19 325 588	323 255 319	16,727	16,264
58	43	89 909	18 640 436	303 929 731	16,305	15,842
59	44	89 027	17 963 590	285 289 295	15,882	15,419
60	45	88 078	17 296 525	267 325 705	15,455	14,993
61	46	87 052	16 637 525	250 029 180	15,028	14,565
62	47	85 959	15 988 888	233 391 656	14,597	14,134
63	48	84 790	15 349 269	217 402 768	14,164	13,701
64	49	83 570	14 723 504	202 053 499	13,723	13,260
65	50	82 222	14 098 388	187 329 995	13,287	12,825
66	51	80 805	13 484 662	173 231 607	12,847	12,384
67	52	79 274	12 875 097	159 746 945	12,407	11,945
68	53	77 643	12 272 676	146 871 848	11,967	11,505
69	54	75 928	11 680 274	134 599 172	11,524	11,061
70	55	74 100	11 094 077	122 918 898	11,080	10,617
71	56	72 156	10 513 938	111 824 821	10,636	10,173
72	57	70 092	9 939 829	101 310 883	10,192	9,730
73	58	67 920	9 373 943	91 371 053	9,747	9,285
74	59	65 602	8 811 686	81 997 110	9,305	8,843
75	60	63 081	8 246 284	73 185 424	8,875	8,412
76	61	60 392	7 683 489	64 939 140	8,452	7,989
77	62	57 546	7 125 452	57 255 651	8,035	7,573
78	63	54 510	6 568 880	50 130 199	7,631	7,169
79	64	51 283	6 014 587	43 561 319	7,243	6,780
80	65	47 910	5 468 615	37 546 732	6,866	6,403
81	66	44 443	4 937 164	32 078 117	6,497	6,034
82	67	40 853	4 416 856	27 140 953	6,145	5,682
83	68	37 228	3 917 238	22 724 097	5,801	5,338
84	69	33 626	3 443 505	18 806 860	5,462	4,999
85	70	30 002	2 990 169	15 363 355	5,138	4,675
86	71	26 432	2 563 895	12 373 186	4,826	4,363
87	72	22 937	2 165 318	9 809 291	4,530	4,067
88	73	19 548	1 795 967	7 643 973	4,256	3,793
89	74	16 378	1 464 463	5 848 006	3,993	3,530
90	75	13 385	1 164 782	4 383 543	3,763	3,301
91	76	10 792	914 053	3 218 761	3,521	3,059
92	77	8 424	694 397	2 304 708	3,319	2,856
93	78	6 419	514 917	1 610 311	3,127	2,664
94	79	4 755	371 239	1 095 394	2,951	2,488
95	80	3 420	259 906	724 155	2,786	2,323
96	81	2 383	176 230	464 249	2,634	2,172
97	82	1 605	115 527	288 019	2,493	2,030
98	83	1 042	72 985	172 493	2,363	1,901
99	84	651	44 373	99 508	2,243	1,780
100	85	390	25 868	55 135	2,131	1,669

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	34	94 817	24 422,659	479 821,628	19,647	19,184
1							51	35	94 397	23 663,860	455 398,969	19,244	18,782
2							52	36	93 913	22 912,446	431 735,109	18,843	18,380
3							53	37	93 399	22 177,043	408 822,663	18,434	17,972
4							54	38	92 834	21 452,907	386 645,620	18,023	17,560
5							55	39	92 207	20 737,890	365 192,714	17,610	17,147
6							56	40	91 523	20 033,040	344 454,824	17,194	16,732
7							57	41	90 792	19 341,090	324 421,784	16,774	16,311
8							58	42	89 989	18 657,042	305 080,694	16,352	15,889
9							59	43	89 118	17 982,002	286 423,652	15,928	15,466
10							60	44	88 177	17 315,973	268 441,649	15,503	15,040
11							61	45	87 163	16 658,668	251 125,676	15,075	14,612
12							62	46	86 080	16 011,450	234 467,008	14,644	14,181
13							63	47	84 929	15 374,408	218 455,558	14,209	13,746
14							64	48	83 718	14 749,588	203 081,150	13,769	13,306
15							65	49	82 392	14 127,457	188 331,562	13,331	12,868
16	0	99 417	64 409,737	1 909 660,263	29,649	29,186	66	50	80 984	13 514,434	174 204,105	12,890	12,427
17	1	99 078	62 472,019	1 845 250,526	29,537	29,074	67	51	79 469	12 906,677	160 689,671	12,450	11,987
18	2	99 018	60 763,376	1 782 778,508	29,340	28,877	68	52	77 857	12 306,462	147 782,994	12,009	11,546
19	3	98 956	59 099,829	1 722 015,132	29,137	28,675	69	53	76 157	11 715,497	135 476,532	11,564	11,101
20	4	98 896	57 483,550	1 662 915,302	28,929	28,466	70	54	74 337	11 129,594	123 761,035	11,120	10,657
21	5	98 831	55 908,305	1 605 431,752	28,715	28,253	71	55	72 413	10 551,323	112 631,441	10,675	10,212
22	6	98 768	54 377,074	1 549 523,447	28,496	28,033	72	56	70 358	9 977,466	102 080,117	10,231	9,768
23	7	98 707	52 888,999	1 495 146,373	28,270	27,807	73	57	68 192	9 411,557	92 102,651	9,786	9,323
24	8	98 647	51 442,153	1 442 257,374	28,036	27,574	74	58	65 892	8 850,739	82 691,094	9,343	8,880
25	9	98 584	50 033,656	1 390 815,220	27,798	27,335	75	59	63 380	8 285,408	73 840,355	8,912	8,449
26	10	98 523	48 664,446	1 340 781,564	27,552	27,089	76	60	60 719	7 725,122	65 554,948	8,486	8,023
27	11	98 459	47 331,113	1 292 117,118	27,300	26,837	77	61	57 878	7 166,637	57 829,826	8,069	7,606
28	12	98 389	46 031,506	1 244 786,004	27,042	26,579	78	62	54 856	6 610,577	50 663,189	7,664	7,201
29	13	98 322	44 768,994	1 198 754,498	26,776	26,314	79	63	51 631	6 055,388	44 052,612	7,275	6,812
30	14	98 248	43 538,245	1 153 985,504	26,505	26,042	80	64	48 264	5 509,104	37 997,224	6,897	6,434
31	15	98 175	42 341,284	1 110 447,259	26,226	25,763	81	65	44 793	4 976,026	32 488,120	6,529	6,066
32	16	98 093	41 173,470	1 068 105,975	25,942	25,479	82	66	41 205	4 454,965	27 512,095	6,176	5,713
33	17	98 005	40 035,886	1 026 932,505	25,650	25,187	83	67	37 571	3 953,341	23 057,130	5,832	5,369
34	18	97 915	38 928,375	986 896,620	25,352	24,889	84	68	33 956	3 477,271	19 103,789	5,494	5,031
35	19	97 815	37 847,799	947 968,244	25,047	24,584	85	69	30 324	3 022,270	15 626,518	5,170	4,708
36	20	97 712	36 796,298	910 120,446	24,734	24,271	86	70	26 743	2 593,998	12 604,248	4,859	4,396
37	21	97 605	35 771,995	873 324,147	24,414	23,951	87	71	23 236	2 193,565	10 010,250	4,563	4,101
38	22	97 492	34 774,280	837 552,152	24,085	23,623	88	72	19 835	1 822,351	7 816,685	4,289	3,827
39	23	97 363	33 798,797	802 777,873	23,752	23,289	89	73	16 649	1 488,670	5 994,334	4,027	3,564
40	24	97 229	32 848,934	768 979,075	23,410	22,947	90	74	13 639	1 186,867	4 505,664	3,796	3,333
41	25	97 084	31 922,299	736 130,142	23,060	22,597	91	75	11 029	934,097	3 318,797	3,553	3,090
42	26	96 930	31 018,557	704 207,843	22,703	22,240	92	76	8 636	711,832	2 384,700	3,350	2,887
43	27	96 759	30 135,073	673 189,285	22,339	21,876	93	77	6 602	529,599	1 672,869	3,159	2,696
44	28	96 560	29 268,375	643 054,212	21,971	21,508	94	78	4 912	383,539	1 143,269	2,981	2,518
45	29	96 344	28 421,178	613 785,837	21,596	21,133	95	79	3 549	269,697	759,731	2,817	2,354
46	30	96 103	27 591,328	585 364,659	21,216	20,753	96	80	2 487	183,911	490,034	2,665	2,202
47	31	95 838	26 778,872	557 773,331	20,829	20,366	97	81	1 685	121,299	306,123	2,524	2,061
48	32	95 533	25 979,080	530 994,459	20,439	19,976	98	82	1 103	77,244	184,823	2,393	1,930
49	33	95 192	25 193,751	505 015,379	20,045	19,582	99	83	694	47,342	107,579	2,272	1,810
							100	84	420	27,885	60,237	2,160	1,697

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	33	94 851	24 431,592	480 964,619	19,686	19,223
1							51	34	94 437	23 673,916	456 533,027	19,284	18,821
2							52	35	93 951	22 921,563	432 859,111	18,884	18,422
3							53	36	93 443	22 187,587	409 937,548	18,476	18,013
4							54	37	92 883	21 464,362	387 749,961	18,065	17,602
5							55	38	92 259	20 749,441	366 285,599	17,653	17,190
6							56	39	91 583	20 046,301	345 536,158	17,237	16,774
7							57	40	90 856	19 354,759	325 489,856	16,817	16,354
8							58	41	90 061	18 672,008	306 135,098	16,395	15,933
9							59	42	89 198	17 998,022	287 463,090	15,972	15,509
10							60	43	88 268	17 333,722	269 465,068	15,546	15,083
11							61	44	87 261	16 677,400	252 131,346	15,118	14,655
12							62	45	86 190	16 031,798	235 453,946	14,687	14,224
13							63	46	85 048	15 396,103	219 422,148	14,252	13,789
14							64	47	83 855	14 773,745	204 026,046	13,810	13,347
15							65	48	82 538	14 152,485	189 252,301	13,372	12,910
16							66	49	81 151	13 542,300	175 099,816	12,930	12,467
17	0	99 391	62 669,596	1 846 801,628	29,469	29,006	67	50	79 644	12 935,174	161 557,516	12,490	12,027
18	1	99 044	60 779,420	1 784 132,032	29,354	28,891	68	51	78 048	12 336,647	148 622,343	12,047	11,584
19	2	98 970	59 108,633	1 723 352,612	29,156	28,693	69	52	76 366	11 747,749	136 285,696	11,601	11,138
20	3	98 907	57 489,974	1 664 243,979	28,948	28,486	70	53	74 562	11 163,157	124 537,947	11,156	10,693
21	4	98 843	55 914,969	1 606 754,006	28,736	28,273	71	54	72 645	10 585,103	113 374,790	10,711	10,248
22	5	98 778	54 382,571	1 550 839,037	28,517	28,054	72	55	70 608	10 012,944	102 789,688	10,266	9,803
23	6	98 715	52 893,606	1 496 456,466	28,292	27,829	73	56	68 450	9 447,194	92 776,744	9,821	9,358
24	7	98 655	51 446,569	1 443 562,860	28,059	27,597	74	57	66 157	8 886,253	83 329,550	9,377	8,915
25	8	98 592	50 037,341	1 392 116,291	27,822	27,359	75	58	63 661	8 322,127	74 443,297	8,945	8,482
26	9	98 530	48 667,804	1 342 078,950	27,576	27,113	76	59	61 007	7 761,773	66 121,170	8,519	8,056
27	10	98 466	47 334,473	1 293 411,146	27,325	26,862	77	60	58 192	7 205,470	58 359,396	8,099	7,636
28	11	98 397	46 035,187	1 246 076,674	27,068	26,605	78	61	55 173	6 648,785	51 153,926	7,694	7,231
29	12	98 330	44 772,598	1 200 041,486	26,803	26,340	79	62	51 958	6 093,825	44 505,141	7,303	6,840
30	13	98 257	43 542,145	1 155 268,888	26,532	26,069	80	63	48 592	5 546,475	38 411,316	6,925	6,463
31	14	98 186	42 345,874	1 111 726,743	26,253	25,791	81	64	45 125	5 012,867	32 864,840	6,556	6,093
32	15	98 105	41 178,650	1 069 380,869	25,969	25,506	82	65	41 530	4 490,031	27 851,973	6,203	5,740
33	16	98 020	40 042,047	1 028 202,219	25,678	25,215	83	66	37 895	3 987,450	23 361,942	5,859	5,396
34	17	97 931	38 934,623	988 160,172	25,380	24,917	84	67	34 269	3 509,320	19 374,491	5,521	5,058
35	18	97 837	37 856,446	949 225,549	25,074	24,612	85	68	30 622	3 051,906	15 865,172	5,198	4,736
36	19	97 733	36 803,900	911 369,103	24,763	24,300	86	69	27 030	2 621,846	12 813,266	4,887	4,424
37	20	97 626	35 779,938	874 565,204	24,443	23,980	87	70	23 509	2 219,320	10 191,420	4,592	4,129
38	21	97 512	34 781,559	838 785,266	24,116	23,653	88	71	20 094	1 846,124	7 972,100	4,318	3,855
39	22	97 385	33 806,381	804 003,707	23,783	23,320	89	72	16 893	1 510,539	6 125,977	4,055	3,593
40	23	97 251	32 856,444	770 197,326	23,441	22,978	90	73	13 864	1 206,486	4 615,438	3,826	3,363
41	24	97 104	31 928,753	737 340,881	23,093	22,630	91	74	11 238	951,808	3 408,952	3,582	3,119
42	25	96 951	31 025,382	705 412,129	22,737	22,274	92	75	8 825	727,441	2 457,144	3,378	2,915
43	26	96 782	30 142,207	674 386,746	22,374	21,911	93	76	6 767	542,896	1 729,703	3,186	2,723
44	27	96 586	29 276,240	644 244,539	22,006	21,543	94	77	5 053	394,475	1 186,807	3,009	2,546
45	28	96 368	28 428,367	614 968,300	21,632	21,169	95	78	3 667	278,632	792,332	2,844	2,381
46	29	96 131	27 599,247	586 539,932	21,252	20,789	96	79	2 581	190,839	513,699	2,692	2,229
47	30	95 865	26 786,453	558 940,685	20,867	20,404	97	80	1 759	126,586	322,860	2,551	2,088
48	31	95 561	25 986,929	532 154,232	20,478	20,015	98	81	1 158	81,104	196,274	2,420	1,957
49	32	95 226	25 202,685	506 167,303	20,084	19,621	99	82	735	50,105	115,169	2,299	1,836
							100	83	448	29,751	65,065	2,187	1,724

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das _kürzere Leben_ nach der Sterbetafel 2009/2011

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

Zinsfuß   2,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	32	94 885	24 440,255	482 011,284	19,722	19,259
1							51	33	94 472	23 682,576	457 571,029	19,321	18,858
2							52	34	93 990	22 931,304	433 888,453	18,921	18,458
3							53	35	93 480	22 196,416	410 957,150	18,515	18,052
4							54	36	92 927	21 474,567	388 760,734	18,103	17,640
5							55	37	92 308	20 760,521	367 286,167	17,692	17,229
6							56	38	91 634	20 057,468	346 525,646	17,277	16,814
7							57	39	90 916	19 367,572	326 468,179	16,856	16,394
8							58	40	90 125	18 685,204	307 100,607	16,435	15,973
9							59	41	89 269	18 012,459	288 415,403	16,012	15,549
10							60	42	88 346	17 349,164	270 402,944	15,586	15,123
11							61	43	87 350	16 694,494	253 053,780	15,158	14,695
12							62	44	86 287	16 049,824	236 359,286	14,727	14,264
13							63	45	85 156	15 415,669	220 309,462	14,291	13,828
14							64	46	83 973	14 794,592	204 893,793	13,849	13,386
15							65	47	82 673	14 175,664	190 099,202	13,410	12,947
16							66	48	81 295	13 566,291	175 923,538	12,968	12,505
17							67	49	79 809	12 961,844	162 357,247	12,526	12,063
18	0	99 358	60 971,644	1 785 566,897	29,285	28,822	68	50	78 220	12 363,885	149 395,403	12,083	11,620
19	1	98 997	59 124,240	1 724 595,253	29,169	28,706	69	51	76 553	11 776,564	137 031,518	11,636	11,173
20	2	98 922	57 498,538	1 665 471,013	28,965	28,503	70	52	74 767	11 193,888	125 254,954	11,190	10,727
21	3	98 854	55 921,217	1 607 972,476	28,754	28,291	71	53	72 864	10 617,023	114 061,066	10,743	10,280
22	4	98 790	54 389,053	1 552 051,258	28,536	28,073	72	54	70 834	10 044,999	103 444,043	10,298	9,835
23	5	98 725	52 898,952	1 497 662,205	28,312	27,849	73	55	68 694	9 480,786	93 399,044	9,851	9,389
24	6	98 664	51 451,050	1 444 763,253	28,080	27,618	74	56	66 407	8 919,901	83 918,258	9,408	8,945
25	7	98 600	50 041,636	1 393 312,203	27,843	27,380	75	57	63 916	8 355,521	74 998,357	8,976	8,513
26	8	98 537	48 671,388	1 343 270,567	27,599	27,136	76	58	61 277	7 796,173	66 642,836	8,548	8,085
27	9	98 473	47 337,738	1 294 599,179	27,348	26,885	77	59	58 468	7 239,656	58 846,663	8,128	7,666
28	10	98 404	46 038,454	1 247 261,441	27,092	26,629	78	60	55 472	6 684,812	51 607,008	7,720	7,257
29	11	98 338	44 776,179	1 201 222,986	26,827	26,364	79	61	52 259	6 129,047	44 922,196	7,329	6,867
30	12	98 265	43 545,651	1 156 446,807	26,557	26,094	80	62	48 900	5 581,682	38 793,149	6,950	6,487
31	13	98 194	42 349,667	1 112 901,157	26,279	25,816	81	63	45 431	5 046,873	33 211,466	6,581	6,118
32	14	98 116	41 183,114	1 070 551,489	25,995	25,532	82	64	41 837	4 523,275	28 164,594	6,227	5,764
33	15	98 033	40 047,085	1 029 368,376	25,704	25,241	83	65	38 194	4 018,837	23 641,319	5,883	5,420
34	16	97 946	38 940,615	989 321,291	25,406	24,943	84	66	34 564	3 539,598	19 622,482	5,544	5,081
35	17	97 853	37 862,522	950 380,676	25,101	24,638	85	67	30 904	3 080,034	16 082,883	5,222	4,759
36	18	97 755	36 812,308	912 518,155	24,788	24,326	86	68	27 295	2 647,555	13 002,850	4,911	4,448
37	19	97 647	35 787,329	875 705,847	24,470	24,007	87	69	23 762	2 243,145	10 355,295	4,616	4,154
38	20	97 534	34 789,282	839 918,517	24,143	23,680	88	70	20 330	1 867,799	8 112,149	4,343	3,880
39	21	97 405	33 813,458	805 129,235	23,811	23,348	89	71	17 114	1 530,245	6 244,351	4,081	3,618
40	22	97 273	32 863,816	771 315,777	23,470	23,007	90	72	14 068	1 224,209	4 714,106	3,851	3,388
41	23	97 126	31 936,053	738 451,961	23,123	22,660	91	73	11 424	967,541	3 489,897	3,607	3,144
42	24	96 971	31 031,655	706 515,908	22,768	22,305	92	74	8 993	741,234	2 522,355	3,403	2,940
43	25	96 803	30 148,839	675 484,253	22,405	21,942	93	75	6 916	554,801	1 781,122	3,210	2,748
44	26	96 609	29 283,170	645 335,414	22,038	21,575	94	76	5 179	404,379	1 226,321	3,033	2,570
45	27	96 394	28 436,006	616 052,244	21,665	21,202	95	77	3 772	286,577	821,941	2,868	2,405
46	28	96 155	27 606,228	587 616,237	21,286	20,823	96	78	2 666	197,162	535,364	2,715	2,253
47	29	95 893	26 794,141	560 010,010	20,900	20,438	97	79	1 825	131,355	338,202	2,575	2,112
48	30	95 589	25 994,286	533 215,869	20,513	20,050	98	80	1 208	84,639	206,847	2,444	1,981
49	31	95 255	25 210,299	507 221,583	20,120	19,657	99	81	772	52,608	122,207	2,323	1,860
							100	82	475	31,487	69,599	2,210	1,748

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	31	94 914	24 447,639	482 969,190	19,755	19,292
1							51	32	94 505	23 690,973	458 521,551	19,354	18,891
2							52	33	94 025	22 939,691	434 830,578	18,955	18,493
3							53	34	93 520	22 205,848	411 890,887	18,549	18,086
4							54	35	92 964	21 483,112	389 685,039	18,139	17,676
5							55	36	92 352	20 770,391	368 201,927	17,727	17,264
6							56	37	91 683	20 068,178	347 431,536	17,313	16,850
7							57	38	90 966	19 378,360	327 363,358	16,893	16,430
8							58	39	90 184	18 697,573	307 984,998	16,472	16,009
9							59	40	89 332	18 025,189	289 287,425	16,049	15,586
10							60	41	88 417	17 363,081	271 262,236	15,623	15,160
11							61	42	87 428	16 709,367	253 899,155	15,195	14,732
12							62	43	86 375	16 066,275	237 189,789	14,763	14,300
13							63	44	85 252	15 433,002	221 123,514	14,328	13,865
14							64	45	84 080	14 813,393	205 690,511	13,885	13,423
15							65	46	82 789	14 195,667	190 877,118	13,446	12,983
16							66	47	81 428	13 588,510	176 681,451	13,002	12,539
17							67	48	79 950	12 984,807	163 092,941	12,560	12,097
18							68	49	78 382	12 389,378	150 108,134	12,116	11,653
19	0	99 310	59 311,229	1 725 923,252	29,099	28,637	69	50	76 722	11 802,565	137 718,757	11,669	11,206
20	1	98 948	57 513,719	1 666 612,023	28,978	28,515	70	51	74 950	11 221,344	125 916,192	11,221	10,758
21	2	98 869	55 929,548	1 609 098,304	28,770	28,307	71	52	73 065	10 646,251	114 694,848	10,773	10,310
22	3	98 801	54 395,131	1 553 168,756	28,553	28,091	72	53	71 048	10 075,291	104 048,596	10,327	9,864
23	4	98 737	52 905,258	1 498 773,625	28,329	27,867	73	54	68 914	9 511,138	93 973,305	9,880	9,418
24	5	98 674	51 456,250	1 445 868,368	28,099	27,636	74	55	66 643	8 951,618	84 462,167	9,435	8,973
25	6	98 609	50 045,995	1 394 412,117	27,863	27,400	75	56	64 158	8 387,159	75 510,549	9,003	8,540
26	7	98 546	48 675,566	1 344 366,123	27,619	27,156	76	57	61 523	7 827,456	67 123,390	8,575	8,113
27	8	98 480	47 341,225	1 295 690,557	27,369	26,906	77	58	58 727	7 271,741	59 295,935	8,154	7,691
28	9	98 411	46 041,631	1 248 349,332	27,113	26,651	78	59	55 735	6 716,528	52 024,194	7,746	7,283
29	10	98 345	44 779,357	1 202 307,701	26,850	26,387	79	60	52 542	6 162,258	45 307,666	7,352	6,890
30	11	98 273	43 549,133	1 157 528,345	26,580	26,117	80	61	49 183	5 613,944	39 145,409	6,973	6,510
31	12	98 202	42 353,077	1 113 979,211	26,302	25,839	81	62	45 719	5 078,909	33 531,464	6,602	6,139
32	13	98 124	41 186,803	1 071 626,135	26,019	25,556	82	63	42 121	4 553,959	28 452,556	6,248	5,785
33	14	98 043	40 051,426	1 030 439,332	25,728	25,265	83	64	38 477	4 048,592	23 898,597	5,903	5,440
34	15	97 958	38 945,514	990 387,906	25,430	24,967	84	65	34 836	3 567,460	19 850,005	5,564	5,101
35	16	97 868	37 868,348	951 442,392	25,125	24,662	85	66	31 170	3 106,608	16 282,546	5,241	4,778
36	17	97 771	36 818,216	913 574,044	24,813	24,350	86	67	27 547	2 671,956	13 175,937	4,931	4,468
37	18	97 669	35 795,506	876 755,827	24,493	24,031	87	68	23 995	2 265,141	10 503,981	4,637	4,174
38	19	97 554	34 796,469	840 960,322	24,168	23,705	88	69	20 548	1 887,851	8 238,840	4,364	3,901
39	20	97 427	33 820,966	806 163,853	23,836	23,373	89	70	17 315	1 548,211	6 350,989	4,102	3,639
40	21	97 293	32 870,696	772 342,887	23,496	23,034	90	71	14 251	1 240,179	4 802,778	3,873	3,410
41	22	97 148	31 943,218	739 472,191	23,150	22,687	91	72	11 592	981,755	3 562,599	3,629	3,166
42	23	96 993	31 038,750	707 528,973	22,795	22,332	92	73	9 141	753,486	2 580,844	3,425	2,962
43	24	96 823	30 154,935	676 490,223	22,434	21,971	93	74	7 047	565,321	1 827,358	3,232	2,770
44	25	96 630	29 289,613	646 335,288	22,067	21,604	94	75	5 293	413,247	1 262,037	3,054	2,591
45	26	96 417	28 442,738	617 045,675	21,694	21,231	95	76	3 866	293,773	848,790	2,889	2,426
46	27	96 181	27 613,646	588 602,937	21,316	20,853	96	77	2 742	202,784	555,018	2,737	2,274
47	28	95 917	26 800,918	560 989,291	20,932	20,469	97	78	1 886	135,707	352,234	2,596	2,133
48	29	95 616	26 001,747	534 188,373	20,544	20,082	98	79	1 254	87,828	216,527	2,465	2,003
49	30	95 282	25 217,436	508 186,626	20,152	19,689	99	80	805	54,901	128,699	2,344	1,881
							100	81	498	33,060	73,798	2,232	1,769

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß 2,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	30	94 940	24 454,560	483 845,934	19,786	19,323
1							51	31	94 534	23 698,131	459 391,374	19,385	18,922
2							52	32	94 058	22 947,825	435 693,243	18,986	18,523
3							53	33	93 554	22 213,970	412 745,418	18,580	18,118
4							54	34	93 004	21 492,241	390 531,447	18,171	17,708
5							55	35	92 389	20 778,656	369 039,206	17,760	17,298
6							56	36	91 727	20 077,719	348 260,550	17,346	16,883
7							57	37	91 015	19 388,707	328 182,831	16,926	16,464
8							58	38	90 235	18 707,988	308 794,124	16,506	16,043
9							59	39	89 391	18 037,121	290 086,136	16,083	15,620
10							60	40	88 480	17 375,352	272 049,014	15,657	15,194
11							61	41	87 498	16 722,770	254 673,663	15,229	14,766
12							62	42	86 452	16 080,588	237 950,893	14,797	14,335
13							63	43	85 340	15 448,821	221 870,305	14,362	13,899
14							64	44	84 174	14 830,050	206 421,484	13,919	13,456
15							65	45	82 895	14 213,707	191 591,434	13,479	13,017
16							66	46	81 543	13 607,684	177 377,726	13,035	12,572
17							67	47	80 081	13 006,074	163 770,042	12,592	12,129
18							68	48	78 520	12 411,326	150 763,968	12,147	11,684
19							69	49	76 881	11 826,900	138 352,642	11,698	11,235
20	0	99 261	57 695,615	1 667 841,713	28,908	28,445	70	50	75 116	11 246,120	126 525,742	11,251	10,788
21	1	98 895	55 944,315	1 610 146,098	28,781	28,318	71	51	73 244	10 672,364	115 279,622	10,802	10,339
22	2	98 815	54 403,234	1 554 201,783	28,568	28,105	72	52	71 243	10 103,028	104 607,258	10,354	9,891
23	3	98 748	52 911,169	1 499 798,549	28,346	27,883	73	53	69 122	9 539,820	94 504,230	9,906	9,443
24	4	98 686	51 462,384	1 446 887,380	28,115	27,653	74	54	66 857	8 980,276	84 964,410	9,461	8,998
25	5	98 619	50 051,054	1 395 424,996	27,880	27,417	75	55	64 386	8 416,982	75 984,134	9,027	8,565
26	6	98 554	48 679,805	1 345 373,942	27,637	27,174	76	56	61 756	7 857,094	67 567,153	8,600	8,137
27	7	98 489	47 345,288	1 296 694,137	27,388	26,925	77	57	58 963	7 300,919	59 710,059	8,178	7,716
28	8	98 418	46 045,022	1 249 348,849	27,133	26,670	78	58	55 982	6 746,295	52 409,139	7,769	7,306
29	9	98 351	44 782,446	1 203 303,827	26,870	26,407	79	59	52 791	6 191,494	45 662,845	7,375	6,912
30	10	98 280	43 552,224	1 158 521,381	26,601	26,138	80	60	49 449	5 644,364	39 471,351	6,993	6,530
31	11	98 210	42 356,464	1 114 969,157	26,323	25,861	81	61	45 983	5 108,264	33 826,987	6,622	6,159
32	12	98 132	41 190,119	1 072 612,693	26,041	25,578	82	62	42 388	4 582,866	28 718,723	6,267	5,804
33	13	98 052	40 055,014	1 031 422,574	25,750	25,287	83	63	38 738	4 076,056	24 135,857	5,921	5,459
34	14	97 969	38 949,736	991 367,561	25,452	24,990	84	64	35 094	3 593,873	20 059,801	5,582	5,119
35	15	97 880	37 873,113	952 417,825	25,148	24,685	85	65	31 416	3 131,062	16 465,929	5,259	4,796
36	16	97 786	36 823,883	914 544,712	24,836	24,373	86	66	27 784	2 695,010	13 334,867	4,948	4,485
37	17	97 685	35 801,251	877 720,830	24,516	24,054	87	67	24 216	2 286,018	10 639,857	4,654	4,191
38	18	97 576	34 804,418	841 919,579	24,190	23,727	88	68	20 749	1 906,363	8 353,839	4,382	3,919
39	19	97 447	33 827,953	807 115,161	23,859	23,397	89	69	17 501	1 564,832	6 447,477	4,120	3,657
40	20	97 315	32 877,995	773 287,208	23,520	23,057	90	70	14 418	1 254,740	4 882,645	3,891	3,429
41	21	97 168	31 949,905	740 409,214	23,174	22,711	91	71	11 743	994,562	3 627,904	3,648	3,185
42	22	97 015	31 045,714	708 459,308	22,820	22,357	92	72	9 275	764,555	2 633,342	3,444	2,981
43	23	96 845	30 161,829	677 413,594	22,459	21,996	93	73	7 163	574,665	1 868,787	3,252	2,789
44	24	96 650	29 295,535	647 251,765	22,094	21,631	94	74	5 393	421,082	1 294,122	3,073	2,611
45	25	96 438	28 448,996	617 956,230	21,722	21,259	95	75	3 951	300,215	873,040	2,908	2,445
46	26	96 203	27 620,183	589 507,234	21,343	20,881	96	76	2 811	207,875	572,825	2,756	2,293
47	27	95 943	26 808,120	561 887,051	20,960	20,497	97	77	1 939	139,577	364,950	2,615	2,152
48	28	95 640	26 008,323	535 078,931	20,573	20,111	98	78	1 295	90,738	225,373	2,484	2,021
49	29	95 309	25 224,673	509 070,608	20,181	19,719	99	79	836	56,969	134,635	2,363	1,900
							100	80	520	34,501	77,666	2,251	1,788

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	29	94 968	24 461,579	484 648,934	19,813	19,350
1							51	30	94 561	23 704,840	460 187,355	19,413	18,950
2							52	31	94 087	22 954,758	436 482,515	19,015	18,552
3							53	32	93 587	22 221,847	413 527,757	18,609	18,146
4							54	33	93 038	21 500,102	391 305,909	18,200	17,737
5							55	34	92 428	20 787,486	369 805,807	17,790	17,327
6							56	35	91 763	20 085,708	349 018,321	17,376	16,914
7							57	36	91 058	19 397,925	328 932,613	16,957	16,494
8							58	37	90 283	18 717,978	309 534,687	16,537	16,074
9							59	38	89 441	18 047,168	290 816,710	16,114	15,651
10							60	39	88 538	17 386,854	272 769,541	15,688	15,225
11							61	40	87 560	16 734,588	255 382,687	15,261	14,798
12							62	41	86 521	16 093,487	238 648,099	14,829	14,366
13							63	42	85 416	15 462,584	222 554,612	14,393	13,930
14							64	43	84 261	14 845,250	207 092,028	13,950	13,487
15							65	44	82 988	14 229,690	192 246,778	13,510	13,047
16							66	45	81 646	13 624,978	178 017,088	13,065	12,603
17							67	46	80 194	13 024,426	164 392,110	12,622	12,159
18							68	47	78 649	12 431,653	151 367,684	12,176	11,713
19							69	48	77 017	11 847,852	138 936,031	11,727	11,264
20							70	49	75 271	11 269,308	127 088,178	11,277	10,815
21	0	99 208	56 121,248	1 611 285,264	28,711	28,248	71	50	73 405	10 695,927	115 818,870	10,828	10,365
22	1	98 842	54 417,598	1 555 164,017	28,578	28,116	72	51	71 418	10 127,808	105 122,943	10,380	9,917
23	2	98 763	52 919,051	1 500 746,418	28,359	27,896	73	52	69 312	9 566,082	94 995,134	9,930	9,468
24	3	98 697	51 468,134	1 447 827,367	28,131	27,668	74	53	67 058	9 007,357	85 429,052	9,484	9,022
25	4	98 630	50 057,019	1 396 359,233	27,895	27,433	75	54	64 592	8 443,928	76 421,695	9,050	8,588
26	5	98 564	48 684,726	1 346 302,213	27,653	27,191	76	55	61 976	7 885,032	67 977,767	8,621	8,158
27	6	98 497	47 349,412	1 297 617,487	27,405	26,942	77	56	59 186	7 328,564	60 092,735	8,200	7,737
28	7	98 426	46 048,974	1 250 268,075	27,151	26,688	78	57	56 207	6 773,365	52 764,171	7,790	7,327
29	8	98 359	44 785,744	1 204 219,102	26,888	26,426	79	58	53 025	6 218,934	45 990,806	7,395	6,932
30	9	98 287	43 555,229	1 159 433,357	26,620	26,157	80	59	49 684	5 671,143	39 771,872	7,013	6,550
31	10	98 217	42 359,470	1 115 878,128	26,343	25,880	81	60	46 233	5 135,944	34 100,729	6,640	6,177
32	11	98 140	41 193,413	1 073 518,658	26,060	25,598	82	61	42 633	4 609,355	28 964,786	6,284	5,821
33	12	98 060	40 058,238	1 032 325,245	25,771	25,308	83	62	38 983	4 101,929	24 355,431	5,938	5,475
34	13	97 977	38 953,225	992 267,007	25,473	25,010	84	63	35 332	3 618,252	20 253,502	5,598	5,135
35	14	97 891	37 877,218	953 313,782	25,169	24,706	85	64	31 648	3 154,243	16 635,250	5,274	4,811
36	15	97 798	36 828,515	915 436,564	24,857	24,394	86	65	28 003	2 716,223	13 481,007	4,963	4,500
37	16	97 700	35 806,760	878 608,049	24,537	24,075	87	66	24 425	2 305,742	10 764,783	4,669	4,206
38	17	97 592	34 810,004	842 801,289	24,211	23,749	88	67	20 941	1 923,933	8 459,042	4,397	3,934
39	18	97 469	33 835,681	807 991,284	23,880	23,417	89	68	17 672	1 580,177	6 535,109	4,136	3,673
40	19	97 335	32 884,787	774 155,603	23,541	23,079	90	69	14 573	1 268,211	4 954,933	3,907	3,444
41	20	97 190	31 956,999	741 270,817	23,196	22,733	91	70	11 881	1 006,239	3 686,722	3,664	3,201
42	21	97 035	31 052,213	709 313,817	22,843	22,380	92	71	9 396	774,529	2 680,483	3,461	2,998
43	22	96 867	30 168,597	678 261,604	22,482	22,020	93	72	7 269	583,107	1 905,954	3,269	2,806
44	23	96 672	29 302,233	648 093,007	22,118	21,655	94	73	5 483	428,042	1 322,846	3,090	2,628
45	24	96 458	28 454,748	618 790,774	21,746	21,284	95	74	4 026	305,907	894,804	2,925	2,462
46	25	96 225	27 626,260	590 336,026	21,369	20,906	96	75	2 873	212,434	588,897	2,772	2,309
47	26	95 966	26 814,466	562 709,766	20,985	20,522	97	76	1 988	143,081	376,463	2,631	2,168
48	27	95 666	26 015,312	535 895,300	20,599	20,136	98	77	1 332	93,325	233,382	2,501	2,038
49	28	95 333	25 231,054	509 879,988	20,208	19,746	99	78	863	58,857	140,057	2,380	1,917
							100	79	540	35,801	81,200	2,268	1,805

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$
0							50	28	94 992	24 467,766	485 384,000	19,838	19,375
1							51	29	94 588	23 711,643	460 916,234	19,438	18,976
2							52	30	94 113	22 961,257	437 204,590	19,041	18,578
3							53	31	93 616	22 228,561	414 243,333	18,636	18,173
4							54	32	93 071	21 507,726	392 014,772	18,227	17,764
5							55	33	92 462	20 795,089	370 507,046	17,817	17,354
6							56	34	91 802	20 094,244	349 711,956	17,404	16,941
7							57	35	91 095	19 405,644	329 617,713	16,986	16,523
8							58	36	90 326	18 726,877	310 212,068	16,565	16,102
9							59	37	89 489	18 056,805	291 485,192	16,143	15,680
10							60	38	88 588	17 396,539	273 428,387	15,717	15,255
11							61	39	87 618	16 745,666	256 031,848	15,289	14,827
12							62	40	86 583	16 104,861	239 286,181	14,858	14,395
13							63	41	85 484	15 474,987	223 181,321	14,422	13,959
14							64	42	84 336	14 858,476	207 706,334	13,979	13,516
15							65	43	83 073	14 244,275	192 847,858	13,539	13,076
16							66	44	81 738	13 640,298	178 603,583	13,094	12,631
17							67	45	80 296	13 040,979	164 963,285	12,650	12,187
18							68	46	78 760	12 449,196	151 922,307	12,203	11,741
19							69	47	77 143	11 867,257	139 473,111	11,753	11,290
20							70	48	75 404	11 289,272	127 605,854	11,303	10,840
21							71	49	73 557	10 717,981	116 316,582	10,852	10,390
22	0	99 154	54 589,702	1 556 219,764	28,508	28,045	72	50	71 576	10 150,169	105 598,601	10,404	9,941
23	1	98 789	52 933,024	1 501 630,062	28,368	27,906	73	51	69 482	9 589,546	95 448,431	9,953	9,491
24	2	98 711	51 475,801	1 448 697,038	28,143	27,680	74	52	67 243	9 032,153	85 858,885	9,506	9,043
25	3	98 641	50 062,613	1 397 221,237	27,909	27,447	75	53	64 787	8 469,392	76 826,732	9,071	8,608
26	4	98 576	48 690,529	1 347 158,624	27,668	27,205	76	54	62 174	7 910,276	68 357,340	8,642	8,179
27	5	98 507	47 354,198	1 298 468,094	27,420	26,958	77	55	59 397	7 354,623	60 447,065	8,219	7,756
28	6	98 435	46 052,985	1 251 113,896	27,167	26,704	78	56	56 419	6 799,012	53 092,442	7,809	7,346
29	7	98 367	44 789,589	1 205 060,912	26,905	26,442	79	57	53 238	6 243,888	46 293,430	7,414	6,951
30	8	98 294	43 558,437	1 160 271,323	26,637	26,174	80	58	49 904	5 696,277	40 049,542	7,031	6,568
31	9	98 224	42 362,392	1 116 712,886	26,361	25,898	81	59	46 452	5 160,311	34 353,265	6,657	6,194
32	10	98 147	41 196,337	1 074 350,494	26,079	25,616	82	60	42 864	4 634,331	29 192,954	6,299	5,836
33	11	98 068	40 061,442	1 033 154,157	25,789	25,326	83	61	39 209	4 125,638	24 558,624	5,953	5,490
34	12	97 985	38 956,361	993 092,715	25,492	25,030	84	62	35 557	3 641,219	20 432,986	5,612	5,149
35	13	97 900	37 880,611	954 136,355	25,188	24,725	85	63	31 863	3 175,640	16 791,767	5,288	4,825
36	14	97 809	36 832,507	916 255,744	24,876	24,413	86	64	28 210	2 736,334	13 616,126	4,976	4,513
37	15	97 712	35 811,265	879 423,236	24,557	24,094	87	65	24 617	2 323,891	10 879,792	4,682	4,219
38	16	97 607	34 815,362	843 611,971	24,231	23,768	88	66	21 121	1 940,532	8 555,901	4,409	3,946
39	17	97 485	33 841,112	808 796,609	23,900	23,437	89	67	17 835	1 594,740	6 615,369	4,148	3,685
40	18	97 357	32 892,300	774 955,498	23,560	23,098	90	68	14 716	1 280,646	5 020,629	3,920	3,458
41	19	97 210	31 963,601	742 063,198	23,216	22,753	91	69	12 008	1 017,042	3 739,982	3,677	3,214
42	20	97 057	31 059,108	710 099,597	22,863	22,400	92	70	9 507	783,623	2 722,941	3,475	3,012
43	21	96 887	30 174,912	679 040,489	22,503	22,041	93	71	7 364	590,714	1 939,318	3,283	2,820
44	22	96 694	29 308,808	648 865,577	22,139	21,676	94	72	5 563	434,331	1 348,604	3,105	2,642
45	23	96 480	28 461,254	619 556,769	21,768	21,306	95	73	4 092	310,964	914,273	2,940	2,477
46	24	96 244	27 631,846	591 095,516	21,392	20,929	96	74	2 927	216,462	603,310	2,787	2,324
47	25	95 987	26 820,366	563 463,670	21,009	20,546	97	75	2 032	146,219	386,848	2,646	2,183
48	26	95 688	26 021,471	536 643,304	20,623	20,160	98	76	1 366	95,668	240,629	2,515	2,052
49	27	95 359	25 237,834	510 621,833	20,232	19,770	99	77	888	60,535	144,961	2,395	1,932
							100	78	557	36,987	84,426	2,283	1,820

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
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23	0	99 101	53 100,433	1 502 608,876	28,297	27,835
24	1	98 737	51 489,393	1 449 508,444	28,152	27,689
25	2	98 656	50 070,071	1 398 019,051	27,921	27,458
26	3	98 587	48 695,970	1 347 948,980	27,681	27,218
27	4	98 519	47 359,843	1 299 253,010	27,434	26,971
28	5	98 445	46 057,640	1 251 893,168	27,181	26,718
29	6	98 376	44 793,490	1 205 835,528	26,920	26,457
30	7	98 302	43 562,176	1 161 042,038	26,653	26,190
31	8	98 231	42 365,512	1 117 479,863	26,377	25,914
32	9	98 154	41 199,179	1 075 114,351	26,096	25,633
33	10	98 075	40 064,285	1 033 915,172	25,806	25,344
34	11	97 993	38 959,476	993 850,887	25,510	25,047
35	12	97 908	37 883,661	954 891,410	25,206	24,743
36	13	97 817	36 835,807	917 007,749	24,894	24,432
37	14	97 722	35 815,147	880 171,942	24,575	24,113
38	15	97 619	34 819,742	844 356,795	24,249	23,787
39	16	97 500	33 846,320	809 537,054	23,918	23,455
40	17	97 373	32 897,579	775 690,734	23,579	23,116
41	18	97 232	31 970,904	742 793,156	23,233	22,771
42	19	97 077	31 065,524	710 822,252	22,881	22,419
43	20	96 908	30 181,612	679 756,728	22,522	22,059
44	21	96 714	29 314,943	649 575,116	22,158	21,696
45	22	96 501	28 467,640	620 260,173	21,788	21,325
46	23	96 266	27 638,163	591 792,533	21,412	20,949
47	24	96 006	26 825,789	564 154,370	21,030	20,567
48	25	95 710	26 027,196	537 328,581	20,645	20,182
49	26	95 382	25 243,808	511 301,385	20,255	19,792
50	27	95 017	24 474,341	486 057,577	19,860	19,397
51	28	94 612	23 717,641	461 583,236	19,462	18,999
52	29	94 140	22 967,847	437 865,595	19,064	18,601
53	30	93 642	22 234,854	414 897,748	18,660	18,197
54	31	93 099	21 514,224	392 662,894	18,251	17,788
55	32	92 494	20 802,463	371 148,669	17,842	17,379
56	33	91 836	20 101,594	350 346,206	17,429	16,966
57	34	91 133	19 413,891	330 244,613	17,011	16,548
58	35	90 362	18 734,329	310 830,722	16,592	16,129
59	36	89 531	18 065,390	292 096,393	16,169	15,706
60	37	88 635	17 405,828	274 031,003	15,744	15,281
61	38	87 667	16 754,994	256 625,175	15,316	14,854
62	39	86 640	16 115,522	239 870,181	14,884	14,422
63	40	85 545	15 485,924	223 754,659	14,449	13,986
64	41	84 403	14 870,394	208 268,736	14,006	13,543
65	42	83 147	14 256,965	193 398,341	13,565	13,102
66	43	81 822	13 654,279	179 141,376	13,120	12,657
67	44	80 386	13 055,642	165 487,098	12,676	12,213
68	45	78 860	12 465,017	152 431,455	12,229	11,766
69	46	77 252	11 884,003	139 966,439	11,778	11,315
70	47	75 527	11 307,762	128 082,436	11,327	10,864
71	48	73 687	10 736,969	116 774,675	10,876	10,413
72	49	71 723	10 171,098	106 037,706	10,425	9,963
73	50	69 635	9 610,718	95 866,608	9,975	9,512
74	51	67 408	9 054,307	86 255,889	9,527	9,064
75	52	64 966	8 492,707	77 201,582	9,090	8,628
76	53	62 362	7 934,130	68 708,875	8,660	8,197
77	54	59 587	7 378,168	60 774,745	8,237	7,774
78	55	56 620	6 823,188	53 396,577	7,826	7,363
79	56	53 439	6 267,530	46 573,389	7,431	6,968
80	57	50 104	5 719,134	40 305,858	7,048	6,585
81	58	46 658	5 183,181	34 586,725	6,673	6,210
82	59	43 068	4 656,318	29 403,544	6,315	5,852
83	60	39 421	4 147,993	24 747,227	5,966	5,503
84	61	35 762	3 662,265	20 599,234	5,625	5,162
85	62	32 065	3 195,798	16 936,968	5,300	4,837
86	63	28 402	2 754,896	13 741,170	4,988	4,525
87	64	24 799	2 341,097	10 986,274	4,693	4,230
88	65	21 288	1 955,807	8 645,177	4,420	3,957
89	66	17 989	1 608,500	6 689,370	4,159	3,696
90	67	14 852	1 292,450	5 080,871	3,931	3,468
91	68	12 126	1 027,015	3 788,421	3,689	3,226
92	69	9 609	792,035	2 761,406	3,486	3,024
93	70	7 450	597,650	1 969,371	3,295	2,832
94	71	5 636	439,997	1 371,721	3,118	2,655
95	72	4 153	315,532	931,725	2,953	2,490
96	73	2 975	220,040	616,193	2,800	2,338
97	74	2 070	148,991	396,153	2,659	2,196
98	75	1 396	97,766	247,162	2,528	2,065
99	76	910	62,055	149,396	2,407	1,945
100	77	573	38,042	87,341	2,296	1,833

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	26	95 040	24 480,135	486 674,391	19,880	19,418
1							51	27	94 637	23 724,014	462 194,256	19,482	19,019
2							52	28	94 164	22 973,656	438 470,242	19,086	18,623
3							53	29	93 669	22 241,236	415 496,585	18,681	18,219
4							54	30	93 125	21 520,315	393 255,350	18,274	17,811
5							55	31	92 522	20 808,748	371 735,034	17,864	17,402
6							56	32	91 869	20 108,722	350 926,286	17,451	16,989
7							57	33	91 167	19 420,992	330 817,565	17,034	16,571
8							58	34	90 400	18 742,290	311 396,573	16,615	16,152
9							59	35	89 567	18 072,578	292 654,283	16,193	15,730
10							60	36	88 677	17 414,103	274 581,705	15,768	15,305
11							61	37	87 714	16 763,941	257 167,601	15,341	14,878
12							62	38	86 688	16 124,499	240 403,661	14,909	14,446
13							63	39	85 601	15 496,175	224 279,162	14,473	14,010
14							64	40	84 463	14 880,904	208 782,987	14,030	13,567
15							65	41	83 214	14 268,401	193 902,083	13,590	13,127
16							66	42	81 895	13 666,443	179 633,682	13,144	12,681
17							67	43	80 468	13 069,024	165 967,239	12,699	12,236
18							68	44	78 949	12 479,032	152 898,215	12,252	11,790
19							69	45	77 350	11 899,105	140 419,183	11,801	11,338
20							70	46	75 634	11 323,718	128 520,077	11,350	10,887
21							71	47	73 808	10 754,554	117 196,359	10,897	10,435
22							72	48	71 850	10 189,117	106 441,805	10,447	9,984
23							73	49	69 779	9 630,535	96 252,689	9,995	9,532
24	0	99 050	51 652,236	1 450 416,261	28,080	27,618	74	50	67 557	9 074,298	86 622,154	9,546	9,083
25	1	98 682	50 083,291	1 398 764,025	27,929	27,466	75	51	65 125	8 513,538	77 547,856	9,109	8,646
26	2	98 602	48 703,224	1 348 680,734	27,692	27,229	76	52	62 533	7 955,972	69 034,318	8,677	8,214
27	3	98 530	47 365,135	1 299 977,510	27,446	26,983	77	53	59 766	7 400,418	61 078,346	8,253	7,791
28	4	98 457	46 063,130	1 252 612,376	27,193	26,731	78	54	56 801	6 845,032	53 677,928	7,842	7,379
29	5	98 386	44 798,018	1 206 549,246	26,933	26,470	79	55	53 629	6 289,816	46 832,896	7,446	6,983
30	6	98 311	43 565,970	1 161 751,228	26,666	26,204	80	56	50 294	5 740,789	40 543,080	7,062	6,599
31	7	98 240	42 369,149	1 118 185,259	26,391	25,929	81	57	46 845	5 203,979	34 802,291	6,688	6,225
32	8	98 161	41 202,213	1 075 816,110	26,111	25,648	82	58	43 259	4 676,954	29 598,312	6,329	5,866
33	9	98 082	40 067,049	1 034 613,897	25,822	25,359	83	59	39 608	4 167,673	24 921,358	5,980	5,517
34	10	98 000	38 962,241	994 546,848	25,526	25,063	84	60	35 956	3 682,109	20 753,686	5,636	5,174
35	11	97 915	37 886,690	955 584,606	25,222	24,759	85	61	32 251	3 214,270	17 071,576	5,311	4,848
36	12	97 825	36 838,772	917 697,916	24,911	24,448	86	62	28 582	2 772,383	13 857,306	4,998	4,536
37	13	97 731	35 818,355	880 859,143	24,592	24,130	87	63	24 967	2 356,978	11 084,923	4,703	4,240
38	14	97 630	34 823,516	845 040,788	24,266	23,804	88	64	21 445	1 970,287	8 727,945	4,430	3,967
39	15	97 512	33 850,578	810 217,272	23,935	23,472	89	65	18 130	1 621,161	6 757,658	4,168	3,706
40	16	97 388	32 902,642	776 366,694	23,596	23,133	90	66	14 980	1 303,601	5 136,497	3,940	3,477
41	17	97 248	31 976,035	743 464,053	23,251	22,788	91	67	12 238	1 036,480	3 832,896	3,698	3,235
42	18	97 099	31 072,622	711 488,018	22,898	22,435	92	68	9 703	799,802	2 796,416	3,496	3,034
43	19	96 928	30 187,847	680 415,396	22,539	22,077	93	69	7 530	604,066	1 996,614	3,305	2,842
44	20	96 736	29 321,452	650 227,549	22,176	21,713	94	70	5 702	445,162	1 392,549	3,128	2,665
45	21	96 522	28 473,599	620 906,097	21,806	21,344	95	71	4 207	319,648	947,386	2,964	2,501
46	22	96 288	27 644,365	592 432,498	21,430	20,968	96	72	3 019	223,272	627,738	2,812	2,349
47	23	96 028	26 831,922	564 788,133	21,049	20,586	97	73	2 104	151,454	404,466	2,671	2,208
48	24	95 729	26 032,458	537 956,211	20,665	20,202	98	74	1 422	99,620	253,012	2,540	2,077
49	25	95 403	25 249,363	511 923,753	20,275	19,812	99	75	930	63,416	153,393	2,419	1,956
							100	76	588	38,997	89,977	2,307	1,844

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   2,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	25	95 061	24 485,521	487 239,082	19,899	19,436
1							51	26	94 660	23 729,630	462 753,561	19,501	19,038
2							52	27	94 189	22 979,830	439 023,931	19,105	18,642
3							53	28	93 693	22 246,861	416 044,101	18,701	18,238
4							54	29	93 152	21 526,491	393 797,240	18,294	17,831
5							55	30	92 549	20 814,639	372 270,748	17,885	17,422
6							56	31	91 896	20 114,797	351 456,109	17,473	17,010
7							57	32	91 199	19 427,878	331 341,312	17,055	16,592
8							58	33	90 433	18 749,145	311 913,434	16,636	16,173
9							59	34	89 605	18 080,258	293 164,289	16,215	15,752
10							60	35	88 712	17 421,033	275 084,030	15,790	15,328
11							61	36	87 755	16 771,911	257 662,997	15,363	14,900
12							62	37	86 734	16 133,109	240 891,087	14,931	14,469
13							63	38	85 649	15 504,807	224 757,978	14,496	14,033
14							64	39	84 519	14 890,755	209 253,171	14,053	13,590
15							65	40	83 272	14 278,485	194 362,416	13,612	13,149
16							66	41	81 960	13 677,406	180 083,932	13,167	12,704
17							67	42	80 540	13 080,667	166 406,526	12,722	12,259
18							68	43	79 030	12 491,823	153 325,859	12,274	11,811
19							69	44	77 437	11 912,485	140 834,036	11,822	11,360
20							70	45	75 730	11 338,109	128 921,551	11,371	10,908
21							71	46	73 912	10 769,730	117 583,442	10,918	10,455
22							72	47	71 968	10 205,804	106 813,713	10,466	10,003
23							73	48	69 903	9 647,596	96 607,908	10,014	9,551
24							74	49	67 696	9 093,008	86 960,313	9,563	9,101
25	0	98 994	50 241,687	1 399 606,280	27,857	27,395	75	50	65 269	8 532,335	77 867,304	9,126	8,663
26	1	98 628	48 716,083	1 349 364,593	27,699	27,236	76	51	62 687	7 975,486	69 334,969	8,694	8,231
27	2	98 545	47 372,190	1 300 648,510	27,456	26,993	77	52	59 931	7 420,791	61 359,483	8,269	7,806
28	3	98 468	46 068,277	1 253 276,320	27,205	26,742	78	53	56 973	6 865,674	53 938,692	7,856	7,393
29	4	98 397	44 803,357	1 207 208,043	26,945	26,482	79	54	53 801	6 309,953	47 073,019	7,460	6,997
30	5	98 321	43 570,373	1 162 404,685	26,679	26,216	80	55	50 473	5 761,202	40 763,066	7,075	6,613
31	6	98 248	42 372,839	1 118 834,312	26,405	25,942	81	56	47 022	5 223,683	35 001,864	6,701	6,238
32	7	98 169	41 205,750	1 076 461,473	26,124	25,661	82	57	43 432	4 695,721	29 778,181	6,342	5,879
33	8	98 089	40 070,000	1 035 255,723	25,836	25,373	83	58	39 784	4 186,143	25 082,460	5,992	5,529
34	9	98 007	38 964,929	995 185,723	25,541	25,078	84	59	36 127	3 699,579	20 896,316	5,648	5,185
35	10	97 922	37 889,379	956 220,794	25,237	24,774	85	60	32 425	3 231,687	17 196,737	5,321	4,858
36	11	97 833	36 841,719	918 331,414	24,926	24,464	86	61	28 747	2 788,407	13 965,051	5,008	4,545
37	12	97 739	35 821,239	881 489,695	24,608	24,145	87	62	25 126	2 371,939	11 176,644	4,712	4,249
38	13	97 638	34 826,636	845 668,456	24,282	23,819	88	63	21 591	1 983,653	8 804,705	4,439	3,976
39	14	97 522	33 854,247	810 841,821	23,951	23,488	89	64	18 265	1 633,164	6 821,052	4,177	3,714
40	15	97 400	32 906,781	776 987,574	23,612	23,149	90	65	15 098	1 313,862	5 187,888	3,949	3,486
41	16	97 263	31 980,956	744 080,793	23,266	22,804	91	66	12 344	1 045,423	3 874,026	3,706	3,243
42	17	97 115	31 077,609	712 099,837	22,914	22,451	92	67	9 793	807,173	2 828,603	3,504	3,042
43	18	96 951	30 194,744	681 022,228	22,554	22,092	93	68	7 604	609,989	2 021,430	3,314	2,851
44	19	96 756	29 327,509	650 827,484	22,192	21,729	94	69	5 763	449,942	1 411,441	3,137	2,674
45	20	96 543	28 479,921	621 499,975	21,822	21,360	95	70	4 256	323,401	961,499	2,973	2,510
46	21	96 308	27 650,152	593 020,054	21,447	20,984	96	71	3 059	226,185	638,098	2,821	2,358
47	22	96 050	26 837,942	565 369,902	21,066	20,603	97	72	2 135	153,679	411,914	2,680	2,218
48	23	95 751	26 038,410	538 531,960	20,682	20,219	98	73	1 446	101,266	258,235	2,550	2,087
49	24	95 422	25 254,467	512 493,550	20,293	19,830	99	74	948	64,618	156,968	2,429	1,966
							100	75	601	39,852	92,350	2,317	1,855

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	0	100 000	100 000,000	2 985 060,566	29,851	29,387	50	50	93 336	21 290,495	377 067,433	17,711	17,247
1	1	99 299	96 406,960	2 885 060,566	29,926	29,463	51	51	92 757	20 542,331	355 776,939	17,319	16,856
2	2	99 240	93 543,665	2 788 653,605	29,811	29,348	52	52	92 093	19 801,087	335 234,608	16,930	16,467
3	3	99 207	90 788,426	2 695 109,940	29,686	29,222	53	53	91 380	19 075,605	315 433,521	16,536	16,073
4	4	99 182	88 121,999	2 604 321,514	29,554	29,090	54	54	90 602	18 362,405	296 357,916	16,139	15,676
5	5	99 157	85 533,782	2 516 199,515	29,418	28,954	55	55	89 754	17 660,634	277 995,510	15,741	15,278
6	6	99 136	83 025,143	2 430 665,733	29,276	28,813	56	56	88 831	16 969,892	260 334,876	15,341	14,878
7	7	99 117	80 591,399	2 347 640,591	29,130	28,667	57	57	87 851	16 293,833	243 364,983	14,936	14,473
8	8	99 101	78 230,915	2 267 049,192	28,979	28,516	58	58	86 796	15 629,273	227 071,150	14,529	14,065
9	9	99 085	75 940,425	2 188 818,278	28,823	28,360	59	59	85 653	14 974,243	211 441,877	14,120	13,657
10	10	99 070	73 717,692	2 112 877,853	28,662	28,199	60	60	84 435	14 331,369	196 467,634	13,709	13,246
11	11	99 055	71 559,099	2 039 160,161	28,496	28,033	61	61	83 107	13 695,150	182 136,266	13,299	12,836
12	12	99 038	69 463,336	1 967 601,062	28,326	27,863	62	62	81 707	13 072,251	168 441,115	12,885	12,422
13	13	99 019	67 427,199	1 898 137,725	28,151	27,688	63	63	80 218	12 460,260	155 368,864	12,469	12,006
14	14	98 999	65 450,177	1 830 710,526	27,971	27,508	64	64	78 670	11 863,908	142 908,605	12,046	11,582
15	15	98 974	63 527,438	1 765 260,348	27,787	27,324	65	65	76 991	11 272,535	131 044,697	11,625	11,162
16	16	98 944	61 658,387	1 701 732,911	27,599	27,136	66	66	75 240	10 695,215	119 772,162	11,199	10,735
17	17	98 903	59 837,757	1 640 074,524	27,409	26,945	67	67	73 362	10 124,590	109 076,947	10,773	10,310
18	18	98 853	58 065,908	1 580 236,768	27,215	26,751	68	68	71 392	9 565,781	98 952,356	10,344	9,881
19	19	98 783	56 334,655	1 522 170,859	27,020	26,557	69	69	69 345	9 020,873	89 386,576	9,909	9,446
20	20	98 714	54 655,821	1 465 836,205	26,819	26,356	70	70	67 172	8 483,635	80 365,702	9,473	9,010
21	21	98 639	53 023,588	1 411 180,384	26,614	26,151	71	71	64 881	7 955,601	71 882,068	9,035	8,572
22	22	98 566	51 440,624	1 358 156,796	26,402	25,939	72	72	62 449	7 434,360	63 926,467	8,599	8,136
23	23	98 491	49 904,617	1 306 716,173	26,184	25,721	73	73	59 876	6 920,496	56 492,106	8,163	7,700
24	24	98 417	48 414,686	1 256 811,555	25,959	25,496	74	74	57 144	6 412,374	49 571,610	7,731	7,267
25	25	98 342	46 968,751	1 208 396,870	25,728	25,264	75	75	54 182	5 902,840	43 159,236	7,312	6,848
26	26	98 266	45 565,651	1 161 428,118	25,489	25,026	76	76	51 034	5 397,991	37 256,397	6,902	6,439
27	27	98 186	44 202,329	1 115 862,467	25,244	24,781	77	77	47 712	4 899,640	31 858,405	6,502	6,039
28	28	98 098	42 876,197	1 071 660,139	24,994	24,531	78	78	44 221	4 408,851	26 958,765	6,115	5,651
29	29	98 014	41 591,841	1 028 783,942	24,735	24,272	79	79	40 542	3 924,329	22 549,914	5,746	5,283
30	30	97 921	40 342,296	987 192,100	24,470	24,007	80	80	36 771	3 455,607	18 625,585	5,390	4,927
31	31	97 831	39 131,136	946 849,804	24,197	23,734	81	81	32 943	3 005,702	15 169,978	5,047	4,584
32	32	97 732	37 952,812	907 718,668	23,917	23,454	82	82	29 089	2 576,802	12 164,275	4,721	4,257
33	33	97 625	36 807,252	869 765,856	23,630	23,167	83	83	25 277	2 173,913	9 587,473	4,410	3,947
34	34	97 515	35 694,862	832 958,604	23,336	22,872	84	84	21 610	1 804,342	7 413,560	4,109	3,646
35	35	97 396	34 613,009	797 263,742	23,034	22,570	85	85	18 078	1 465,535	5 609,218	3,827	3,364
36	36	97 276	33 563,280	762 650,732	22,723	22,260	86	86	14 781	1 163,322	4 143,683	3,562	3,099
37	37	97 144	32 541,534	729 087,452	22,405	21,942	87	87	11 769	899,325	2 980,361	3,314	2,851
38	38	97 000	31 546,899	696 545,918	22,080	21,616	88	88	9 075	673,278	2 081,036	3,091	2,628
39	39	96 839	30 577,359	664 999,019	21,748	21,285	89	89	6 784	488,643	1 407,759	2,881	2,418
40	40	96 664	29 633,060	634 421,659	21,409	20,946	90	90	4 850	339,150	919,116	2,710	2,247
41	41	96 472	28 712,761	604 788,600	21,063	20,600	91	91	3 378	229,322	579,967	2,529	2,066
42	42	96 263	27 815,977	576 075,839	20,710	20,247	92	92	2 223	146,498	350,645	2,394	1,930
43	43	96 030	26 940,500	548 259,861	20,351	19,888	93	93	1 412	90,368	204,147	2,259	1,796
44	44	95 760	26 082,450	521 319,362	19,987	19,524	94	94	857	53,231	113,778	2,137	1,674
45	45	95 463	25 244,004	495 236,912	19,618	19,155	95	95	495	29,864	60,547	2,027	1,564
46	46	95 130	24 423,417	469 992,908	19,244	18,780	96	96	272	15,915	30,683	1,928	1,465
47	47	94 761	23 620,073	445 569,491	18,864	18,401	97	97	141	8,035	14,769	1,838	1,375
48	48	94 333	22 828,523	421 949,418	18,483	18,020	98	98	69	3,833	6,734	1,757	1,293
49	49	93 864	22 053,461	399 120,894	18,098	17,635	99	99	32	1,723	2,901	1,683	1,220
							100	100	14	0,728	1,177	1,617	1,153

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	1	99 685	99 684,731	2 979 959,718	29,894	29,431	50	51	93 130	21 243,592	373 035,655	17,560	17,097
1	2	99 273	96 381,512	2 880 274,987	29,884	29,421	51	52	92 530	20 492,068	351 792,063	17,167	16,704
2	3	99 226	93 529,732	2 783 893,475	29,765	29,302	52	53	91 840	19 746,726	331 299,995	16,777	16,314
3	4	99 196	90 778,282	2 690 363,742	29,637	29,173	53	54	91 105	19 018,253	311 553,269	16,382	15,919
4	5	99 170	88 111,496	2 599 585,460	29,503	29,040	54	55	90 313	18 303,807	292 535,016	15,982	15,519
5	6	99 147	85 525,137	2 511 473,964	29,365	28,902	55	56	89 436	17 598,060	274 231,209	15,583	15,120
6	7	99 128	83 017,912	2 425 948,827	29,222	28,759	56	57	88 496	16 905,879	256 633,149	15,180	14,717
7	8	99 109	80 584,482	2 342 930,915	29,074	28,611	57	58	87 500	16 228,714	239 727,271	14,772	14,309
8	9	99 093	78 225,153	2 262 346,433	28,921	28,458	58	59	86 413	15 560,312	223 498,557	14,363	13,900
9	10	99 078	75 935,186	2 184 121,280	28,763	28,300	59	60	85 248	14 903,535	207 938,245	13,952	13,489
10	11	99 063	73 712,460	2 108 186,094	28,600	28,137	60	61	83 980	14 254,132	193 034,711	13,542	13,079
11	12	99 047	71 553,377	2 034 473,634	28,433	27,970	61	62	82 629	13 616,448	178 780,579	13,130	12,667
12	13	99 030	69 457,745	1 962 920,257	28,261	27,797	62	63	81 191	12 989,796	165 164,131	12,715	12,252
13	14	99 010	67 421,159	1 893 462,512	28,084	27,621	63	64	79 678	12 376,304	152 174,335	12,296	11,832
14	15	98 989	65 443,083	1 826 041,353	27,903	27,440	64	65	78 092	11 776,715	139 798,030	11,871	11,407
15	16	98 961	63 519,447	1 760 598,269	27,717	27,254	65	66	76 390	11 184,498	128 021,315	11,446	10,983
16	17	98 928	61 648,899	1 697 078,823	27,528	27,065	66	67	74 596	10 603,725	116 836,818	11,018	10,555
17	18	98 887	59 828,154	1 635 429,924	27,335	26,872	67	68	72 692	10 032,129	106 233,092	10,589	10,126
18	19	98 831	58 052,645	1 575 601,769	27,141	26,678	68	69	70 699	9 472,891	96 200,963	10,155	9,692
19	20	98 763	56 323,019	1 517 549,124	26,944	26,480	69	70	68 609	8 925,058	86 728,072	9,717	9,254
20	21	98 693	54 643,688	1 461 226,105	26,741	26,278	70	71	66 392	8 385,185	77 803,014	9,279	8,815
21	22	98 619	53 012,491	1 406 582,417	26,533	26,070	71	72	64 045	7 853,155	69 417,829	8,839	8,376
22	23	98 543	51 429,084	1 353 569,926	26,319	25,856	72	73	61 545	7 326,728	61 564,674	8,403	7,940
23	24	98 469	49 893,210	1 302 140,843	26,099	25,635	73	74	58 903	6 807,961	54 237,946	7,967	7,504
24	25	98 397	48 404,899	1 252 247,633	25,870	25,407	74	75	56 081	6 293,155	47 429,986	7,537	7,074
25	26	98 321	46 958,419	1 203 842,733	25,636	25,173	75	76	53 019	5 776,177	41 136,931	7,122	6,659
26	27	98 243	45 554,867	1 156 884,314	25,395	24,932	76	77	49 784	5 265,779	35 360,753	6,715	6,252
27	28	98 160	44 190,454	1 111 329,447	25,149	24,685	77	78	46 390	4 763,804	30 094,974	6,317	5,854
28	29	98 073	42 865,355	1 067 138,993	24,895	24,432	78	79	42 803	4 267,467	25 331,170	5,936	5,473
29	30	97 986	41 579,908	1 024 273,638	24,634	24,171	79	80	39 070	3 781,853	21 063,703	5,570	5,106
30	31	97 894	40 330,878	982 693,731	24,366	23,903	80	81	35 235	3 311,281	17 281,850	5,219	4,756
31	32	97 801	39 119,318	942 362,853	24,089	23,626	81	82	31 375	2 862,660	13 970,569	4,880	4,417
32	33	97 697	37 939,359	903 243,535	23,808	23,344	82	83	27 485	2 434,706	11 107,909	4,562	4,099
33	34	97 589	36 793,794	865 304,176	23,518	23,054	83	84	23 692	2 037,584	8 673,202	4,257	3,793
34	35	97 474	35 679,700	828 510,382	23,221	22,758	84	85	20 047	1 673,859	6 635,619	3,964	3,501
35	36	97 358	34 599,242	792 830,682	22,915	22,451	85	86	16 582	1 344,255	4 961,759	3,691	3,228
36	37	97 230	33 547,331	758 231,440	22,602	22,139	86	87	13 388	1 053,711	3 617,504	3,433	2,970
37	38	97 092	32 524,168	724 684,110	22,281	21,818	87	88	10 495	801,935	2 563,793	3,197	2,734
38	39	96 946	31 529,336	692 159,942	21,953	21,490	88	89	7 966	590,944	1 761,858	2,981	2,518
39	40	96 775	30 557,131	660 630,606	21,620	21,156	89	90	5 824	419,491	1 170,914	2,791	2,328
40	41	96 596	29 612,132	630 073,475	21,278	20,814	90	91	4 099	286,651	751,422	2,621	2,158
41	42	96 395	28 689,748	600 461,343	20,929	20,466	91	92	2 778	188,574	464,772	2,465	2,001
42	43	96 177	27 791,219	571 771,595	20,574	20,111	92	93	1 802	118,777	276,197	2,325	1,862
43	44	95 932	26 912,914	543 980,377	20,213	19,749	93	94	1 119	71,639	157,420	2,197	1,734
44	45	95 653	26 053,155	517 067,462	19,847	19,383	94	95	663	41,207	85,781	2,082	1,618
45	46	95 341	25 211,963	491 014,307	19,475	19,012	95	96	374	22,545	44,574	1,977	1,514
46	47	94 996	24 389,002	465 802,344	19,099	18,636	96	97	200	11,702	22,028	1,882	1,419
47	48	94 606	23 581,451	441 413,342	18,719	18,255	97	98	101	5,747	10,326	1,797	1,334
48	49	94 166	22 788,153	417 831,891	18,335	17,872	98	99	48	2,663	4,579	1,719	1,256
49	50	93 671	22 008,083	395 043,738	17,950	17,487	99	100	22	1,162	1,916	1,649	1,186

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	2	99 658	99 658,418	2 974 801,747	29,850	29,387	50	52	92 902	21 191,613	368 703,609	17,399	16,935
1	3	99 258	96 367,157	2 875 143,329	29,835	29,372	51	53	92 276	20 435,810	347 511,996	17,005	16,542
2	4	99 215	93 519,282	2 778 776,172	29,713	29,250	52	54	91 564	19 687,356	327 076,186	16,614	16,150
3	5	99 184	90 767,463	2 685 256,890	29,584	29,121	53	55	90 815	18 957,562	307 388,830	16,215	15,751
4	6	99 160	88 102,591	2 594 489,427	29,449	28,985	54	56	89 993	18 238,954	288 431,268	15,814	15,351
5	7	99 138	85 517,688	2 506 386,836	29,308	28,845	55	57	89 099	17 531,676	270 192,314	15,412	14,948
6	8	99 119	83 010,787	2 420 869,148	29,163	28,700	56	58	88 142	16 838,313	252 660,638	15,005	14,542
7	9	99 101	80 578,547	2 337 858,361	29,013	28,550	57	59	87 113	16 157,108	235 822,325	14,596	14,132
8	10	99 086	78 219,757	2 257 279,814	28,858	28,395	58	60	86 005	15 486,836	219 665,217	14,184	13,721
9	11	99 071	75 929,797	2 179 060,057	28,698	28,235	59	61	84 789	14 823,214	204 178,382	13,774	13,311
10	12	99 055	73 706,565	2 103 130,260	28,534	28,071	60	62	83 497	14 172,217	189 355,167	13,361	12,898
11	13	99 039	71 547,617	2 029 423,695	28,365	27,901	61	63	82 108	13 530,561	175 182,950	12,947	12,484
12	14	99 021	69 451,523	1 957 876,078	28,191	27,727	62	64	80 644	12 902,273	161 652,389	12,529	12,066
13	15	99 000	67 413,852	1 888 424,555	28,012	27,549	63	65	79 092	12 285,345	148 750,117	12,108	11,645
14	16	98 976	65 434,851	1 821 010,703	27,829	27,366	64	66	77 482	11 684,740	136 464,771	11,679	11,216
15	17	98 946	63 509,673	1 755 575,852	27,643	27,179	65	67	75 736	11 088,823	124 780,031	11,253	10,790
16	18	98 913	61 639,006	1 692 066,179	27,451	26,988	66	68	73 915	10 506,889	113 691,208	10,821	10,357
17	19	98 864	59 814,489	1 630 427,173	27,258	26,795	67	69	71 986	9 934,711	103 184,319	10,386	9,923
18	20	98 810	58 040,655	1 570 612,684	27,061	26,597	68	70	69 948	9 372,274	93 249,608	9,950	9,486
19	21	98 741	56 310,516	1 512 572,029	26,861	26,398	69	71	67 813	8 821,485	83 877,334	9,508	9,045
20	22	98 672	54 632,251	1 456 261,513	26,656	26,192	70	72	65 537	8 277,207	75 055,848	9,068	8,605
21	23	98 597	53 000,598	1 401 629,262	26,446	25,982	71	73	63 118	7 739,459	66 778,641	8,628	8,165
22	24	98 521	51 417,328	1 348 628,663	26,229	25,766	72	74	60 544	7 207,586	59 039,182	8,191	7,728
23	25	98 449	49 883,125	1 297 211,335	26,005	25,542	73	75	57 807	6 681,281	51 831,596	7,758	7,295
24	26	98 376	48 394,251	1 247 328,210	25,774	25,311	74	76	54 878	6 158,019	45 150,315	7,332	6,869
25	27	98 297	46 947,306	1 198 933,959	25,538	25,075	75	77	51 721	5 634,702	38 992,295	6,920	6,457
26	28	98 217	45 542,629	1 151 986,653	25,295	24,831	76	78	48 404	5 119,793	33 357,593	6,515	6,052
27	29	98 135	44 179,279	1 106 444,024	25,044	24,581	77	79	44 902	4 611,037	28 237,800	6,124	5,661
28	30	98 045	42 853,056	1 062 264,745	24,789	24,325	78	80	41 249	4 112,533	23 626,763	5,745	5,282
29	31	97 958	41 568,139	1 019 411,689	24,524	24,061	79	81	37 438	3 623,901	19 514,230	5,385	4,922
30	32	97 864	40 318,697	977 843,550	24,253	23,790	80	82	33 558	3 153,696	15 890,329	5,039	4,575
31	33	97 767	39 105,451	937 524,853	23,974	23,511	81	83	29 645	2 704,801	12 736,633	4,709	4,246
32	34	97 661	37 925,487	898 419,402	23,689	23,226	82	84	25 762	2 282,022	10 031,832	4,396	3,933
33	35	97 548	36 778,165	860 493,915	23,397	22,934	83	85	21 979	1 890,234	7 749,810	4,100	3,637
34	36	97 435	35 665,508	823 715,750	23,096	22,632	84	86	18 388	1 535,340	5 859,575	3,816	3,353
35	37	97 311	34 582,800	788 050,242	22,787	22,324	85	87	15 020	1 217,596	4 324,236	3,551	3,088
36	38	97 178	33 529,427	753 467,442	22,472	22,009	86	88	11 938	939,603	3 106,640	3,306	2,843
37	39	97 038	32 506,061	719 938,016	22,148	21,685	87	89	9 211	703,869	2 167,037	3,079	2,616
38	40	96 882	31 508,478	687 431,955	21,817	21,354	88	90	6 838	507,316	1 463,168	2,884	2,421
39	41	96 707	30 535,551	655 923,477	21,481	21,017	89	91	4 923	354,556	955,853	2,696	2,233
40	42	96 518	29 588,398	625 387,926	21,136	20,673	90	92	3 371	235,717	601,297	2,551	2,088
41	43	96 309	28 664,212	595 799,528	20,785	20,322	91	93	2 252	152,891	365,580	2,391	1,928
42	44	96 078	27 762,762	567 135,317	20,428	19,965	92	94	1 429	94,160	212,689	2,259	1,796
43	45	95 824	26 882,687	539 372,554	20,064	19,601	93	95	867	55,457	118,529	2,137	1,674
44	46	95 532	26 020,087	512 489,867	19,696	19,233	94	96	501	31,109	63,071	2,027	1,564
45	47	95 207	25 176,437	486 469,780	19,322	18,859	95	97	275	16,578	31,962	1,928	1,465
46	48	94 841	24 349,123	461 293,343	18,945	18,482	96	98	143	8,370	15,384	1,838	1,375
47	49	94 439	23 539,749	436 944,220	18,562	18,099	97	99	70	3,993	7,015	1,757	1,294
48	50	93 973	22 741,263	413 404,471	18,179	17,715	98	100	33	1,795	3,022	1,683	1,220
49	51	93 465	21 959,599	390 663,208	17,790	17,327							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	3	99 644	99 643,575	2 969 280,536	29,799	29,336
1	4	99 247	96 356,390	2 869 636,961	29,781	29,318
2	5	99 203	93 508,136	2 773 280,572	29,658	29,195
3	6	99 174	90 758,289	2 679 772,435	29,526	29,063
4	7	99 152	88 094,918	2 589 014,146	29,389	28,926
5	8	99 130	85 510,349	2 500 919,228	29,247	28,784
6	9	99 112	83 004,673	2 415 408,880	29,100	28,636
7	10	99 095	80 572,988	2 332 404,206	28,948	28,484
8	11	99 079	78 214,206	2 251 831,218	28,791	28,327
9	12	99 063	75 923,725	2 173 617,012	28,629	28,166
10	13	99 047	73 700,632	2 097 693,287	28,462	27,999
11	14	99 030	71 541,208	2 023 992,655	28,291	27,828
12	15	99 011	69 443,995	1 952 451,447	28,115	27,652
13	16	98 987	67 405,372	1 883 007,452	27,936	27,472
14	17	98 961	65 424,783	1 815 602,080	27,751	27,288
15	18	98 930	63 499,481	1 750 177,297	27,562	27,099
16	19	98 890	61 624,927	1 686 677,816	27,370	26,907
17	20	98 844	59 802,135	1 625 052,889	27,174	26,711
18	21	98 788	58 027,771	1 565 250,754	26,974	26,511
19	22	98 720	56 298,731	1 507 222,984	26,772	26,309
20	23	98 650	54 619,996	1 450 924,253	26,564	26,101
21	24	98 574	52 988,483	1 396 304,257	26,351	25,888
22	25	98 501	51 406,935	1 343 315,774	26,131	25,668
23	26	98 427	49 872,151	1 291 908,839	25,904	25,441
24	27	98 352	48 382,798	1 242 036,687	25,671	25,208
25	28	98 271	46 934,693	1 193 653,889	25,432	24,969
26	29	98 192	45 531,113	1 146 719,196	25,185	24,722
27	30	98 107	44 166,603	1 101 188,083	24,933	24,469
28	31	98 017	42 840,927	1 057 021,480	24,673	24,210
29	32	97 928	41 555,585	1 014 180,553	24,405	23,942
30	33	97 829	40 304,405	972 624,969	24,132	23,669
31	34	97 731	39 091,153	932 320,563	23,850	23,387
32	35	97 620	37 909,377	893 229,411	23,562	23,099
33	36	97 509	36 763,536	855 320,034	23,265	22,802
34	37	97 388	35 648,559	818 556,498	22,962	22,499
35	38	97 259	34 564,343	782 907,938	22,651	22,188
36	39	97 124	33 510,761	748 343,595	22,331	21,868
37	40	96 974	32 484,556	714 832,834	22,005	21,542
38	41	96 813	31 486,226	682 348,278	21,671	21,208
39	42	96 629	30 511,076	650 862,052	21,332	20,869
40	43	96 433	29 562,062	620 350,975	20,985	20,521
41	44	96 210	28 634,861	590 788,913	20,632	20,169
42	45	95 971	27 731,580	562 154,052	20,271	19,808
43	46	95 702	26 848,567	534 422,472	19,905	19,442
44	47	95 397	25 983,422	507 573,905	19,535	19,071
45	48	95 051	25 135,271	481 590,483	19,160	18,697
46	49	94 673	24 306,063	456 455,212	18,779	18,316
47	50	94 245	23 491,313	432 149,149	18,396	17,933
48	51	93 766	22 691,164	408 657,836	18,010	17,546
49	52	93 236	21 905,869	385 966,673	17,619	17,156
50	53	92 647	21 133,434	364 060,804	17,227	16,764
51	54	91 999	20 374,369	342 927,370	16,831	16,368
52	55	91 271	19 624,530	322 553,001	16,436	15,973
53	56	90 493	18 890,392	302 928,472	16,036	15,573
54	57	89 654	18 170,152	284 038,080	15,632	15,169
55	58	88 742	17 461,610	265 867,927	15,226	14,763
56	59	87 753	16 764,017	248 406,317	14,818	14,355
57	60	86 702	16 080,813	231 642,300	14,405	13,942
58	61	85 541	15 403,372	215 561,487	13,994	13,531
59	62	84 302	14 738,029	200 158,115	13,581	13,118
60	63	82 970	14 082,824	185 420,086	13,166	12,703
61	64	81 555	13 439,394	171 337,261	12,749	12,286
62	65	80 052	12 807,449	157 897,868	12,329	11,865
63	66	78 474	12 189,398	145 090,419	11,903	11,440
64	67	76 819	11 584,786	132 901,021	11,472	11,009
65	68	75 045	10 987,556	121 316,235	11,041	10,578
66	69	73 197	10 404,860	110 328,679	10,604	10,140
67	70	71 222	9 829,190	99 923,818	10,166	9,703
68	71	69 136	9 263,512	90 094,629	9,726	9,263
69	72	66 939	8 707,889	80 831,117	9,283	8,819
70	73	64 589	8 157,372	72 123,228	8,841	8,378
71	74	62 092	7 613,606	63 965,856	8,402	7,938
72	75	59 417	7 073,471	56 352,249	7,967	7,503
73	76	56 566	6 537,915	49 278,778	7,537	7,074
74	77	53 534	6 007,192	42 740,864	7,115	6,652
75	78	50 287	5 478,487	36 733,672	6,705	6,242
76	79	46 852	4 955,610	31 255,184	6,307	5,844
77	80	43 272	4 443,629	26 299,574	5,918	5,455
78	81	39 526	3 940,770	21 855,945	5,546	5,083
79	82	35 657	3 451,439	17 915,175	5,191	4,727
80	83	31 708	2 979,788	14 463,736	4,854	4,391
81	84	27 786	2 535,178	11 483,948	4,530	4,067
82	85	23 899	2 116,996	8 948,770	4,227	3,764
83	86	20 160	1 733,809	6 831,774	3,940	3,477
84	87	16 655	1 390,676	5 097,965	3,666	3,203
85	88	13 393	1 085,740	3 707,289	3,415	2,951
86	89	10 478	824,702	2 621,549	3,179	2,716
87	90	7 908	604,259	1 796,847	2,974	2,510
88	91	5 780	428,785	1 192,588	2,781	2,318
89	92	4 048	291,556	763,802	2,620	2,157
90	93	2 733	191,113	472,246	2,471	2,008
91	94	1 785	121,204	281,133	2,320	1,856
92	95	1 106	72,891	159,929	2,194	1,731
93	96	654	41,867	87,038	2,079	1,616
94	97	368	22,875	45,171	1,975	1,511
95	98	197	11,857	22,296	1,880	1,417
96	99	99	5,815	10,440	1,795	1,332
97	100	47	2,692	4,624	1,718	1,255

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	4	99 632	99 632,441	2 963 367,853	29,743	29,280	50	54	92 368	21 069,896	359 098,899	17,043	16,580
1	5	99 235	96 344,906	2 863 735,411	29,724	29,261	51	55	91 705	20 309,350	338 029,003	16,644	16,181
2	6	99 193	93 498,685	2 767 390,506	29,598	29,135	52	56	90 948	19 554,997	317 719,654	16,247	15,784
3	7	99 165	90 750,385	2 673 891,821	29,464	29,001	53	57	90 151	18 819,134	298 164,657	15,844	15,380
4	8	99 143	88 087,357	2 583 141,436	29,325	28,862	54	58	89 295	18 097,534	279 345,523	15,436	14,972
5	9	99 123	85 504,051	2 495 054,079	29,181	28,717	55	59	88 351	17 384,564	261 247,989	15,028	14,564
6	10	99 105	82 998,947	2 409 550,028	29,031	28,568	56	60	87 339	16 684,857	243 863,425	14,616	14,153
7	11	99 088	80 567,270	2 326 551,080	28,877	28,414	57	61	86 235	15 994,148	227 178,568	14,204	13,741
8	12	99 071	78 207,951	2 245 983,810	28,718	28,255	58	62	85 050	15 314,853	211 184,420	13,790	13,326
9	13	99 055	75 917,613	2 167 775,859	28,554	28,091	59	63	83 770	14 645,067	195 869,567	13,374	12,911
10	14	99 039	73 694,030	2 091 858,246	28,386	27,922	60	64	82 411	13 987,936	181 224,500	12,956	12,493
11	15	99 019	71 533,454	2 018 164,215	28,213	27,750	61	65	80 956	13 340,622	167 236,564	12,536	12,073
12	16	98 998	69 435,260	1 946 630,761	28,035	27,572	62	66	79 427	12 707,424	153 895,942	12,111	11,647
13	17	98 972	67 395,000	1 877 195,502	27,854	27,390	63	67	77 803	12 085,127	141 188,518	11,683	11,220
14	18	98 945	65 414,284	1 809 800,502	27,667	27,204	64	68	76 118	11 478,990	129 103,391	11,247	10,784
15	19	98 908	63 484,977	1 744 386,218	27,477	27,014	65	69	74 316	10 880,860	117 624,400	10,810	10,347
16	20	98 869	61 612,199	1 680 901,241	27,282	26,819	66	70	72 420	10 294,345	106 743,540	10,369	9,906
17	21	98 822	59 788,859	1 619 289,042	27,083	26,620	67	71	70 395	9 715,124	96 449,195	9,928	9,465
18	22	98 768	58 015,626	1 559 500,182	26,881	26,417	68	72	68 246	9 144,224	86 734,071	9,485	9,022
19	23	98 698	56 286,102	1 501 484,556	26,676	26,213	69	73	65 970	8 581,819	77 589,847	9,041	8,578
20	24	98 627	54 607,510	1 445 198,455	26,465	26,002	70	74	63 538	8 024,723	69 008,028	8,599	8,136
21	25	98 554	52 977,773	1 390 590,944	26,249	25,785	71	75	60 936	7 471,936	60 983,305	8,162	7,698
22	26	98 479	51 395,626	1 337 613,172	26,026	25,563	72	76	58 142	6 921,689	53 511,369	7,731	7,268
23	27	98 404	49 860,348	1 286 217,545	25,796	25,333	73	77	55 181	6 377,783	46 589,680	7,305	6,842
24	28	98 326	48 369,800	1 236 357,197	25,561	25,097	74	78	52 049	5 840,046	40 211,897	6,885	6,422
25	29	98 246	46 922,825	1 187 987,397	25,318	24,855	75	79	48 674	5 302,802	34 371,247	6,482	6,018
26	30	98 164	45 518,049	1 141 064,572	25,068	24,605	76	80	45 151	4 775,692	29 068,445	6,087	5,624
27	31	98 079	44 154,103	1 095 546,523	24,812	24,349	77	81	41 464	4 258,039	24 292,753	5,705	5,242
28	32	97 987	42 827,988	1 051 392,421	24,549	24,086	78	82	37 645	3 753,228	20 034,715	5,338	4,875
29	33	97 894	41 540,854	1 008 564,433	24,279	23,816	79	83	33 690	3 261,111	16 281,487	4,993	4,529
30	34	97 794	40 289,668	967 023,578	24,002	23,539	80	84	29 719	2 792,921	13 020,376	4,662	4,199
31	35	97 690	39 074,548	926 733,910	23,717	23,254	81	85	25 776	2 351,845	10 227,455	4,349	3,885
32	36	97 581	37 894,298	887 659,362	23,425	22,961	82	86	21 921	1 941,805	7 875,610	4,056	3,593
33	37	97 463	36 746,066	849 765,064	23,125	22,662	83	87	18 260	1 570,445	5 933,805	3,778	3,315
34	38	97 337	35 629,534	813 018,998	22,819	22,355	84	88	14 852	1 240,077	4 363,360	3,519	3,055
35	39	97 205	34 545,101	777 389,464	22,504	22,040	85	89	11 756	952,968	3 123,283	3,277	2,814
36	40	97 059	33 488,591	742 844,363	22,182	21,719	86	90	8 996	707,992	2 170,315	3,065	2,602
37	41	96 905	32 461,615	709 355,771	21,852	21,389	87	91	6 684	510,723	1 462,322	2,863	2,400
38	42	96 736	31 460,990	676 894,156	21,515	21,052	88	92	4 753	352,596	951,600	2,699	2,236
39	43	96 543	30 483,919	645 433,166	21,173	20,710	89	93	3 282	236,386	599,003	2,534	2,071
40	44	96 334	29 531,792	614 949,247	20,823	20,360	90	94	2 167	151,504	362,617	2,393	1,930
41	45	96 102	28 602,700	585 417,455	20,467	20,004	91	95	1 382	93,826	211,113	2,250	1,787
42	46	95 849	27 696,383	556 814,756	20,104	19,641	92	96	835	55,029	117,287	2,131	1,668
43	47	95 567	26 810,734	529 118,373	19,735	19,272	93	97	481	30,785	62,258	2,022	1,559
44	48	95 241	25 940,936	502 307,639	19,364	18,900	94	98	263	16,361	31,473	1,924	1,461
45	49	94 883	25 090,821	476 366,703	18,986	18,522	95	99	137	8,238	15,113	1,834	1,371
46	50	94 478	24 256,050	451 275,882	18,605	18,141	96	100	67	3,920	6,875	1,754	1,290
47	51	94 037	23 439,561	427 019,832	18,218	17,755							
48	52	93 536	22 635,643	403 580,271	17,829	17,366							
49	53	92 980	21 845,729	380 944,628	17,438	16,975							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	5	99 621	99 620,567	2 957 043,915	29,683	29,220
1	6	99 225	96 335,168	2 857 423,348	29,661	29,198
2	7	99 184	93 490,542	2 761 088,180	29,533	29,070
3	8	99 157	90 742,596	2 667 597,637	29,397	28,934
4	9	99 136	88 080,870	2 576 855,041	29,256	28,792
5	10	99 116	85 498,153	2 488 774,172	29,109	28,646
6	11	99 098	82 993,057	2 403 276,019	28,958	28,494
7	12	99 080	80 560,827	2 320 282,962	28,802	28,338
8	13	99 064	78 201,656	2 239 722,134	28,640	28,177
9	14	99 046	75 910,813	2 161 520,479	28,474	28,011
10	15	99 028	73 686,043	2 085 609,666	28,304	27,841
11	16	99 007	71 524,456	2 011 923,623	28,129	27,666
12	17	98 983	69 424,576	1 940 399,168	27,950	27,487
13	18	98 956	67 384,185	1 870 974,592	27,766	27,303
14	19	98 922	65 399,342	1 803 590,407	27,578	27,115
15	20	98 887	63 471,865	1 738 191,065	27,385	26,922
16	21	98 848	61 598,522	1 674 719,200	27,188	26,724
17	22	98 801	59 776,346	1 613 120,678	26,986	26,523
18	23	98 746	58 002,611	1 553 344,332	26,781	26,317
19	24	98 675	56 273,236	1 495 341,720	26,573	26,110
20	25	98 607	54 596,472	1 439 068,485	26,358	25,895
21	26	98 533	52 966,119	1 384 472,013	26,139	25,676
22	27	98 456	51 383,463	1 331 505,894	25,913	25,450
23	28	98 377	49 846,953	1 280 122,431	25,681	25,218
24	29	98 301	48 357,569	1 230 275,478	25,441	24,978
25	30	98 218	46 909,362	1 181 917,909	25,196	24,733
26	31	98 136	45 505,166	1 135 008,547	24,942	24,479
27	32	98 049	44 140,767	1 089 503,382	24,682	24,219
28	33	97 953	42 812,807	1 045 362,615	24,417	23,954
29	34	97 858	41 525,665	1 002 549,808	24,143	23,680
30	35	97 752	40 272,554	961 024,143	23,863	23,400
31	36	97 651	39 059,006	920 751,588	23,573	23,110
32	37	97 535	37 876,290	881 692,582	23,278	22,815
33	38	97 411	36 726,455	843 816,292	22,976	22,512
34	39	97 282	35 609,699	807 089,837	22,665	22,202
35	40	97 141	34 522,248	771 480,138	22,347	21,884
36	41	96 991	33 464,941	736 957,891	22,022	21,559
37	42	96 828	32 435,597	703 492,950	21,689	21,226
38	43	96 650	31 432,987	671 057,353	21,349	20,886
39	44	96 445	30 452,705	639 624,366	21,004	20,541
40	45	96 226	29 498,623	609 171,660	20,651	20,188
41	46	95 980	28 566,396	579 673,037	20,292	19,829
42	47	95 714	27 657,355	551 106,641	19,926	19,463
43	48	95 411	26 766,895	523 449,286	19,556	19,093
44	49	95 072	25 895,062	496 682,390	19,181	18,717
45	50	94 688	25 039,193	470 787,329	18,802	18,339
46	51	94 270	24 202,614	445 748,136	18,417	17,954
47	52	93 807	23 382,210	421 545,522	18,028	17,565
48	53	93 279	22 573,500	398 163,313	17,639	17,175
49	54	92 701	21 780,049	375 589,813	17,245	16,781
50	55	92 074	21 002,657	353 809,764	16,846	16,383
51	56	91 380	20 237,390	332 807,107	16,445	15,982
52	57	90 605	19 481,231	312 569,717	16,045	15,581
53	58	89 791	18 743,922	293 088,486	15,636	15,173
54	59	88 901	18 017,682	274 344,564	15,226	14,763
55	60	87 934	17 302,473	256 326,882	14,814	14,351
56	61	86 868	16 594,937	239 024,408	14,403	13,940
57	62	85 739	15 902,234	222 429,472	13,987	13,524
58	63	84 513	15 218,252	206 527,237	13,571	13,108
59	64	83 205	14 546,391	191 308,985	13,152	12,688
60	65	81 806	13 885,133	176 762,594	12,730	12,267
61	66	80 323	13 236,433	162 877,461	12,305	11,842
62	67	78 747	12 598,721	149 641,028	11,877	11,414
63	68	77 092	11 974,762	137 042,306	11,444	10,981
64	69	75 379	11 367,522	125 067,544	11,002	10,539
65	70	73 527	10 765,289	113 700,022	10,562	10,099
66	71	71 579	10 174,882	102 934,733	10,117	9,653
67	72	69 489	9 590,021	92 759,851	9,673	9,209
68	73	67 258	9 011,836	83 169,830	9,229	8,766
69	74	64 897	8 442,268	74 157,994	8,784	8,321
70	75	62 356	7 875,403	65 715,726	8,344	7,881
71	76	59 629	7 311,604	57 840,323	7,911	7,448
72	77	56 718	6 752,157	50 528,719	7,483	7,020
73	78	53 651	6 200,967	43 776,562	7,060	6,596
74	79	50 380	5 653,351	37 575,595	6,647	6,183
75	80	46 907	5 110,279	31 922,244	6,247	5,783
76	81	43 265	4 576,232	26 811,965	5,859	5,396
77	82	39 491	4 055,397	22 235,733	5,483	5,020
78	83	35 569	3 546,259	18 180,336	5,127	4,663
79	84	31 578	3 056,602	14 634,077	4,788	4,324
80	85	27 570	2 590,949	11 577,475	4,468	4,005
81	86	23 643	2 157,219	8 986,527	4,166	3,703
82	87	19 855	1 758,843	6 829,308	3,883	3,420
83	88	16 283	1 400,379	5 070,465	3,621	3,158
84	89	13 036	1 088,432	3 670,086	3,372	2,909
85	90	10 092	818,107	2 581,654	3,156	2,692
86	91	7 603	598,398	1 763,547	2,947	2,484
87	92	5 496	419,974	1 165,149	2,774	2,311
88	93	3 853	285,876	745,175	2,607	2,143
89	94	2 602	187,394	459,299	2,451	1,988
90	95	1 677	117,282	271,905	2,318	1,855
91	96	1 043	70,834	154,623	2,183	1,720
92	97	614	40,462	83,789	2,071	1,608
93	98	344	22,018	43,327	1,968	1,505
94	99	183	11,367	21,308	1,875	1,411
95	100	92	5,553	9,941	1,790	1,327

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	6	99 610	99 610,498	2 950 294,316	29,618	29,155	50	56	91 747	20 928,241	348 184,698	16,637	16,174
1	7	99 217	96 326,778	2 850 683,818	29,594	29,131	51	57	91 036	20 161,051	327 256,457	16,232	15,769
2	8	99 176	93 482,518	2 754 357,040	29,464	29,001	52	58	90 243	19 403,373	307 095,407	15,827	15,364
3	9	99 150	90 735,913	2 660 874,521	29,325	28,862	53	59	89 395	18 661,218	287 692,033	15,417	14,953
4	10	99 129	88 074,793	2 570 138,608	29,181	28,718	54	60	88 482	17 932,602	269 030,816	15,002	14,539
5	11	99 109	85 492,085	2 482 063,815	29,033	28,569	55	61	87 460	17 209,224	251 098,213	14,591	14,128
6	12	99 090	82 986,420	2 396 571,729	28,879	28,416	56	62	86 369	16 499,570	233 888,989	14,175	13,712
7	13	99 072	80 554,342	2 313 585,309	28,721	28,258	57	63	85 198	15 801,929	217 389,419	13,757	13,294
8	14	99 055	78 194,650	2 233 030,967	28,557	28,094	58	64	83 944	15 115,714	201 587,490	13,336	12,873
9	15	99 036	75 902,585	2 154 836,316	28,389	27,926	59	65	82 594	14 439,483	186 471,776	12,914	12,451
10	16	99 015	73 676,774	2 078 933,731	28,217	27,754	60	66	81 167	13 776,692	172 032,292	12,487	12,024
11	17	98 991	71 513,450	2 005 256,958	28,040	27,577	61	67	79 636	13 123,205	158 255,601	12,059	11,596
12	18	98 967	69 413,451	1 933 743,508	27,858	27,395	62	68	78 028	12 483,666	145 132,395	11,626	11,163
13	19	98 933	67 368,794	1 864 330,073	27,673	27,210	63	69	76 344	11 858,480	132 648,729	11,186	10,723
14	20	98 902	65 385,835	1 796 961,279	27,482	27,019	64	70	74 578	11 246,782	120 790,249	10,740	10,277
15	21	98 865	63 457,775	1 731 575,444	27,287	26,824	65	71	72 673	10 640,361	109 543,468	10,295	9,832
16	22	98 827	61 585,630	1 668 117,669	27,086	26,623	66	72	70 657	10 043,858	98 903,107	9,847	9,384
17	23	98 779	59 762,936	1 606 532,039	26,882	26,419	67	73	68 483	9 451,179	88 859,249	9,402	8,939
18	24	98 723	57 989,353	1 546 769,103	26,673	26,210	68	74	66 164	8 865,293	79 408,070	8,957	8,494
19	25	98 656	56 261,861	1 488 779,750	26,462	25,998	69	75	63 690	8 285,178	70 542,777	8,514	8,051
20	26	98 586	54 584,462	1 432 517,889	26,244	25,781	70	76	61 018	7 706,413	62 257,598	8,079	7,615
21	27	98 509	52 953,583	1 377 933,427	26,022	25,558	71	77	58 168	7 132,522	54 551,185	7,648	7,185
22	28	98 430	51 369,659	1 324 979,844	25,793	25,330	72	78	55 146	6 564,962	47 418,663	7,223	6,760
23	29	98 352	49 834,349	1 273 610,185	25,557	25,094	73	79	51 930	6 002,113	40 853,701	6,807	6,343
24	30	98 273	48 343,694	1 223 775,837	25,314	24,851	74	80	48 551	5 448,101	34 851,588	6,397	5,934
25	31	98 190	46 896,085	1 175 432,143	25,065	24,601	75	81	44 948	4 896,845	29 403,487	6,005	5,541
26	32	98 106	45 491,422	1 128 536,058	24,808	24,344	76	82	41 206	4 358,448	24 506,642	5,623	5,160
27	33	98 015	44 125,120	1 083 044,636	24,545	24,082	77	83	37 313	3 831,765	20 148,195	5,258	4,795
28	34	97 917	42 797,153	1 038 919,515	24,275	23,812	78	84	33 339	3 323,867	16 316,430	4,909	4,446
29	35	97 816	41 508,026	996 122,363	23,998	23,535	79	85	29 294	2 835,562	12 992,563	4,582	4,119
30	36	97 713	40 256,536	954 614,336	23,713	23,250	80	86	25 288	2 376,536	10 157,001	4,274	3,811
31	37	97 604	39 040,444	914 357,800	23,421	22,958	81	87	21 416	1 953,960	7 780,465	3,982	3,519
32	38	97 483	37 856,076	875 317,356	23,122	22,659	82	88	17 705	1 568,375	5 826,505	3,715	3,252
33	39	97 357	36 706,009	837 461,280	22,815	22,352	83	89	14 292	1 229,130	4 258,130	3,464	3,001
34	40	97 218	35 586,141	800 755,271	22,502	22,039	84	90	11 191	934,400	3 029,000	3,242	2,778
35	41	97 072	34 497,867	765 169,130	22,180	21,717	85	91	8 530	691,468	2 094,600	3,029	2,566
36	42	96 913	33 438,119	730 671,263	21,851	21,388	86	92	6 252	492,071	1 403,132	2,851	2,388
37	43	96 741	32 406,727	697 233,144	21,515	21,052	87	93	4 456	340,504	911,061	2,676	2,212
38	44	96 551	31 400,802	664 826,417	21,172	20,709	88	94	3 055	226,627	570,557	2,518	2,054
39	45	96 336	30 418,502	633 425,615	20,824	20,360	89	95	2 014	145,065	343,930	2,371	1,908
40	46	96 103	29 461,183	603 007,113	20,468	20,005	90	96	1 266	88,542	198,864	2,246	1,783
41	47	95 845	28 526,143	573 545,931	20,106	19,643	91	97	767	52,084	110,323	2,118	1,655
42	48	95 557	27 612,132	545 019,788	19,738	19,275	92	98	439	28,940	58,239	2,012	1,549
43	49	95 242	26 719,560	517 407,655	19,364	18,901	93	99	239	15,298	29,299	1,915	1,452
44	50	94 877	25 841,779	490 688,095	18,988	18,525	94	100	123	7,663	14,001	1,827	1,364
45	51	94 480	24 984,031	464 846,317	18,606	18,143							
46	52	94 040	24 143,395	439 862,285	18,219	17,756							
47	53	93 549	23 318,017	415 718,890	17,828	17,365							
48	54	92 999	22 505,632	392 400,874	17,436	16,972							
49	55	92 405	21 710,544	369 895,242	17,038	16,574							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	7	99 602	99 601,823	2 943 102,967	29,549	29,085	50	57	91 401	20 849,295	342 219,710	16,414	15,951
1	8	99 208	96 318,511	2 843 501,144	29,522	29,059	51	58	90 672	20 080,476	321 370,415	16,004	15,541
2	9	99 168	93 475,634	2 747 182,633	29,389	28,926	52	59	89 845	19 317,759	301 289,939	15,597	15,133
3	10	99 143	90 729,654	2 653 706,999	29,249	28,785	53	60	88 973	18 573,099	281 972,180	15,182	14,719
4	11	99 122	88 068,543	2 562 977,345	29,102	28,639	54	61	88 005	17 835,957	263 399,080	14,768	14,305
5	12	99 101	85 485,248	2 474 908,803	28,951	28,488	55	62	86 957	17 110,328	245 563,123	14,352	13,889
6	13	99 082	82 979,740	2 389 423,554	28,795	28,332	56	63	85 824	16 395,497	228 452,795	13,934	13,471
7	14	99 063	80 547,127	2 306 443,814	28,635	28,171	57	64	84 624	15 695,458	212 057,298	13,511	13,048
8	15	99 044	78 186,175	2 225 896,688	28,469	28,006	58	65	83 327	15 004,622	196 361,841	13,087	12,624
9	16	99 023	75 893,037	2 147 710,513	28,299	27,836	59	66	81 949	14 326,713	181 357,218	12,659	12,195
10	17	99 000	73 665,437	2 071 817,475	28,125	27,661	60	67	80 472	13 658,842	167 030,506	12,229	11,766
11	18	98 975	71 501,974	1 998 152,038	27,945	27,482	61	68	78 909	13 003,360	153 371,663	11,795	11,332
12	19	98 944	69 397,631	1 926 650,064	27,762	27,299	62	69	77 270	12 362,442	140 368,303	11,354	10,891
13	20	98 913	67 354,879	1 857 252,484	27,574	27,111	63	70	75 533	11 732,525	128 005,861	10,910	10,447
14	21	98 880	65 371,320	1 789 897,605	27,380	26,917	64	71	73 713	11 116,266	116 273,336	10,460	9,997
15	22	98 844	63 444,494	1 724 526,285	27,182	26,718	65	72	71 738	10 503,343	105 157,070	10,012	9,549
16	23	98 805	61 571,814	1 661 081,791	26,978	26,515	66	73	69 634	9 898,446	94 653,728	9,562	9,099
17	24	98 756	59 749,276	1 599 509,977	26,770	26,307	67	74	67 369	9 297,492	84 755,282	9,116	8,653
18	25	98 703	57 977,631	1 539 760,701	26,558	26,095	68	75	64 933	8 700,332	75 457,790	8,673	8,210
19	26	98 634	56 249,484	1 481 783,070	26,343	25,880	69	76	62 323	8 107,396	66 757,458	8,234	7,771
20	27	98 562	54 571,544	1 425 533,586	26,122	25,659	70	77	59 524	7 517,661	58 650,063	7,802	7,338
21	28	98 483	52 939,357	1 370 962,042	25,897	25,434	71	78	56 556	6 934,782	51 132,401	7,373	6,910
22	29	98 405	51 356,669	1 318 022,684	25,664	25,201	72	79	53 377	6 354,436	44 197,620	6,955	6,492
23	30	98 324	49 820,050	1 266 666,016	25,425	24,962	73	80	50 045	5 784,201	37 843,184	6,543	6,079
24	31	98 245	48 330,011	1 216 845,966	25,178	24,715	74	81	46 523	5 220,558	32 058,983	6,141	5,678
25	32	98 160	46 881,921	1 168 515,955	24,925	24,461	75	82	42 809	4 663,802	26 838,426	5,755	5,291
26	33	98 072	45 475,297	1 121 634,033	24,665	24,201	76	83	38 934	4 118,104	22 174,623	5,385	4,921
27	34	97 979	44 108,987	1 076 158,737	24,398	23,934	77	84	34 973	3 591,469	18 056,519	5,028	4,564
28	35	97 875	42 778,974	1 032 049,750	24,125	23,662	78	85	30 928	3 083,499	14 465,050	4,691	4,228
29	36	97 777	41 491,516	989 270,776	23,843	23,379	79	86	26 870	2 600,906	11 381,551	4,376	3,913
30	37	97 667	40 237,405	947 779,260	23,555	23,091	80	87	22 906	2 152,612	8 780,645	4,079	3,616
31	38	97 552	39 019,609	907 541,855	23,259	22,795	81	88	19 096	1 742,363	6 628,033	3,804	3,341
32	39	97 428	37 835,001	868 522,246	22,956	22,492	82	89	15 540	1 376,583	4 885,671	3,549	3,086
33	40	97 292	36 681,726	830 687,244	22,646	22,183	83	90	12 269	1 055,188	3 509,088	3,326	2,862
34	41	97 149	35 561,009	794 005,519	22,328	21,865	84	91	9 458	789,759	2 453,900	3,107	2,644
35	42	96 994	34 470,217	758 444,509	22,003	21,540	85	92	7 014	568,603	1 664,141	2,927	2,463
36	43	96 827	33 408,356	723 974,292	21,670	21,207	86	93	5 069	398,958	1 095,538	2,746	2,283
37	44	96 642	32 373,544	690 565,936	21,331	20,868	87	94	3 533	269,934	696,579	2,581	2,117
38	45	96 442	31 365,534	658 192,392	20,985	20,521	88	95	2 365	175,436	426,646	2,432	1,969
39	46	96 214	30 379,894	626 826,858	20,633	20,170	89	96	1 521	109,516	251,209	2,294	1,831
40	47	95 968	29 419,669	596 446,964	20,274	19,811	90	97	931	65,104	141,693	2,176	1,713
41	48	95 688	28 479,499	567 027,295	19,910	19,447	91	98	549	37,252	76,589	2,056	1,593
42	49	95 388	27 563,302	538 547,796	19,539	19,075	92	99	305	20,108	39,337	1,956	1,493
43	50	95 046	26 664,581	510 984,494	19,163	18,700	93	100	161	10,313	19,229	1,865	1,401
44	51	94 668	25 784,849	484 319,913	18,783	18,320							
45	52	94 248	24 922,900	458 535,064	18,398	17,935							
46	53	93 781	24 077,113	433 612,164	18,009	17,546							
47	54	93 268	23 247,910	409 535,051	17,616	17,153							
48	55	92 702	22 433,811	386 287,141	17,219	16,756							
49	56	92 077	21 633,620	363 853,330	16,819	16,356							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß 3,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	8	99 593	99 593,274	2 935 455,046	29,474	29,011	50	58	91 036	20 765,970	335 909,298	16,176	15,713
1	9	99 201	96 311,417	2 835 861,771	29,445	28,981	51	59	90 272	19 991,874	315 143,328	15,764	15,300
2	10	99 161	93 469,186	2 739 550,354	29,310	28,846	52	60	89 420	19 226,541	295 151,454	15,351	14,888
3	11	99 136	90 723,215	2 646 081,169	29,167	28,703	53	61	88 493	18 473,002	275 924,913	14,937	14,473
4	12	99 114	88 061,500	2 555 357,954	29,018	28,555	54	62	87 499	17 733,459	257 451,911	14,518	14,055
5	13	99 093	85 478,367	2 467 296,454	28,865	28,401	55	63	86 409	17 002,402	239 718,452	14,099	13,636
6	14	99 073	82 972,307	2 381 818,087	28,706	28,243	56	64	85 246	16 285,026	222 716,050	13,676	13,213
7	15	99 052	80 538,396	2 298 845,780	28,543	28,080	57	65	84 002	15 580,105	206 431,024	13,250	12,786
8	16	99 031	78 176,340	2 218 307,384	28,376	27,912	58	66	82 676	14 887,438	190 850,918	12,820	12,356
9	17	99 008	75 881,359	2 140 131,044	28,204	27,740	59	67	81 248	14 204,158	175 963,480	12,388	11,925
10	18	98 984	73 653,616	2 064 249,684	28,026	27,563	60	68	79 738	13 534,106	161 759,322	11,952	11,489
11	19	98 953	71 485,642	1 990 596,069	27,846	27,383	61	69	78 143	12 877,090	148 225,216	11,511	11,048
12	20	98 924	69 383,247	1 919 110,426	27,660	27,196	62	70	76 450	12 231,134	135 348,127	11,066	10,603
13	21	98 891	67 339,927	1 849 727,179	27,469	27,005	63	71	74 656	11 596,372	123 116,993	10,617	10,154
14	22	98 859	65 357,638	1 782 387,252	27,271	26,808	64	72	72 763	10 973,120	111 520,621	10,163	9,700
15	23	98 822	63 430,261	1 717 029,614	27,070	26,606	65	73	70 699	10 351,278	100 547,501	9,714	9,250
16	24	98 782	61 557,740	1 653 599,353	26,863	26,399	66	74	68 502	9 737,485	90 196,223	9,263	8,800
17	25	98 736	59 737,198	1 592 041,612	26,651	26,188	67	75	66 115	9 124,488	80 458,737	8,818	8,355
18	26	98 681	57 964,877	1 532 304,414	26,435	25,972	68	76	63 540	8 513,641	71 334,249	8,379	7,916
19	27	98 610	56 236,172	1 474 339,537	26,217	25,754	69	77	60 797	7 908,823	62 820,609	7,943	7,480
20	28	98 536	54 556,883	1 418 103,365	25,993	25,530	70	78	57 873	7 309,244	54 911,786	7,513	7,049
21	29	98 458	52 925,970	1 363 546,482	25,763	25,300	71	79	54 742	6 712,396	47 602,542	7,092	6,629
22	30	98 376	51 341,934	1 310 620,511	25,527	25,064	72	80	51 439	6 123,732	40 890,147	6,677	6,214
23	31	98 296	49 805,949	1 259 278,578	25,284	24,820	73	81	47 955	5 542,620	34 766,415	6,273	5,809
24	32	98 215	48 315,414	1 209 472,628	25,033	24,570	74	82	44 309	4 972,110	29 223,795	5,878	5,414
25	33	98 126	46 865,303	1 161 157,214	24,776	24,313	75	83	40 448	4 406,620	24 251,685	5,503	5,040
26	34	98 036	45 458,669	1 114 291,911	24,512	24,049	76	84	36 492	3 859,851	19 845,065	5,141	4,678
27	35	97 937	44 090,250	1 068 833,242	24,242	23,779	77	85	32 444	3 331,749	15 985,213	4,798	4,335
28	36	97 836	42 761,958	1 024 742,992	23,964	23,501	78	86	28 368	2 828,325	12 653,464	4,474	4,011
29	37	97 731	41 471,799	981 981,034	23,678	23,215	79	87	24 338	2 355,841	9 825,139	4,171	3,707
30	38	97 615	40 215,931	940 509,235	23,386	22,923	80	88	20 425	1 919,502	7 469,297	3,891	3,428
31	39	97 498	38 997,886	900 293,304	23,086	22,622	81	89	16 761	1 529,294	5 549,795	3,629	3,166
32	40	97 364	37 809,972	861 295,417	22,780	22,316	82	90	13 341	1 181,773	4 020,501	3,402	2,939
33	41	97 224	36 655,820	823 485,446	22,465	22,002	83	91	10 370	891,849	2 838,728	3,183	2,720
34	42	97 071	35 532,507	786 829,626	22,144	21,681	84	92	7 778	649,430	1 946,879	2,998	2,535
35	43	96 908	34 439,536	751 297,118	21,815	21,352	85	93	5 687	461,009	1 297,449	2,814	2,351
36	44	96 728	33 374,148	716 857,582	21,479	21,016	86	94	4 018	316,273	836,440	2,645	2,181
37	45	96 534	32 337,184	683 483,434	21,136	20,673	87	95	2 735	208,960	520,167	2,489	2,026
38	46	96 320	31 325,723	651 146,251	20,786	20,323	88	96	1 785	132,445	311,207	2,350	1,886
39	47	96 078	30 337,085	619 820,527	20,431	19,968	89	97	1 118	80,527	178,762	2,220	1,757
40	48	95 811	29 371,564	589 483,442	20,070	19,607	90	98	666	46,564	98,235	2,110	1,646
41	49	95 519	28 429,136	560 111,878	19,702	19,239	91	99	381	25,883	51,671	1,996	1,533
42	50	95 192	27 506,586	531 682,742	19,329	18,866	92	100	206	13,555	25,788	1,903	1,439
43	51	94 837	26 605,838	504 176,156	18,950	18,487							
44	52	94 436	25 721,759	477 570,317	18,567	18,104							
45	53	93 990	24 854,478	451 848,558	18,180	17,717							
46	54	93 499	24 004,724	426 994,080	17,788	17,325							
47	55	92 971	23 173,721	402 989,357	17,390	16,927							
48	56	92 374	22 354,325	379 815,636	16,991	16,527							
49	57	91 730	21 552,013	357 461,311	16,586	16,123							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	9	99 586	99 585,940	2 927 337,880	29,395	28,932
1	10	99 194	96 304,773	2 827 751,940	29,363	28,899
2	11	99 154	93 462,552	2 731 447,167	29,225	28,762
3	12	99 128	90 715,960	2 637 984,615	29,080	28,616
4	13	99 106	88 054,411	2 547 268,655	28,928	28,465
5	14	99 084	85 470,710	2 459 214,244	28,773	28,309
6	15	99 063	82 963,314	2 373 743,534	28,612	28,149
7	16	99 040	80 528,265	2 290 780,220	28,447	27,984
8	17	99 016	78 164,311	2 210 251,955	28,277	27,814
9	18	98 992	75 869,183	2 132 087,644	28,102	27,639
10	19	98 962	73 636,792	2 056 218,461	27,924	27,461
11	20	98 932	71 470,878	1 982 581,669	27,740	27,276
12	21	98 902	69 367,844	1 911 110,791	27,550	27,087
13	22	98 870	67 325,834	1 841 742,947	27,356	26,892
14	23	98 837	65 342,977	1 774 417,113	27,155	26,692
15	24	98 800	63 415,762	1 709 074,136	26,950	26,487
16	25	98 762	61 545,297	1 645 658,374	26,739	26,276
17	26	98 715	59 724,057	1 584 113,077	26,524	26,061
18	27	98 658	57 951,159	1 524 389,020	26,305	25,841
19	28	98 584	56 221,064	1 466 437,861	26,083	25,620
20	29	98 511	54 543,087	1 410 216,797	25,855	25,392
21	30	98 430	52 910,785	1 355 673,709	25,622	25,159
22	31	98 349	51 327,402	1 302 762,924	25,381	24,918
23	32	98 267	49 790,907	1 251 435,522	25,134	24,671
24	33	98 180	48 298,288	1 201 644,615	24,880	24,416
25	34	98 090	46 848,167	1 153 346,328	24,619	24,156
26	35	97 994	45 439,360	1 106 498,160	24,351	23,888
27	36	97 898	44 072,713	1 061 058,801	24,075	23,612
28	37	97 790	42 741,637	1 016 986,088	23,794	23,331
29	38	97 679	41 449,666	974 244,451	23,504	23,041
30	39	97 560	40 193,542	932 794,785	23,208	22,744
31	40	97 433	38 972,087	892 601,242	22,904	22,440
32	41	97 295	37 783,269	853 629,155	22,593	22,130
33	42	97 146	36 626,441	815 845,886	22,275	21,812
34	43	96 985	35 500,880	779 219,445	21,949	21,486
35	44	96 809	34 404,272	743 718,565	21,617	21,154
36	45	96 619	33 336,664	709 314,293	21,277	20,814
37	46	96 411	32 296,140	675 977,629	20,931	20,467
38	47	96 184	31 281,582	643 681,489	20,577	20,114
39	48	95 921	30 287,481	612 399,907	20,220	19,756
40	49	95 642	29 319,622	582 112,426	19,854	19,391
41	50	95 322	28 370,638	552 792,804	19,485	19,021
42	51	94 982	27 445,990	524 422,166	19,107	18,644
43	52	94 605	26 540,739	496 976,176	18,725	18,262
44	53	94 177	25 651,143	470 435,436	18,340	17,877
45	54	93 707	24 779,752	444 784,293	17,950	17,486
46	55	93 201	23 928,119	420 004,541	17,553	17,090
47	56	92 641	23 091,613	396 076,422	17,152	16,689
48	57	92 025	22 269,999	372 984,810	16,748	16,285
49	58	91 363	21 465,879	350 714,810	16,338	15,875
50	59	90 634	20 674,344	329 248,931	15,925	15,462
51	60	89 846	19 897,472	308 574,587	15,508	15,045
52	61	88 939	19 122,922	288 677,115	15,096	14,633
53	62	87 985	18 366,843	269 554,193	14,676	14,213
54	63	86 947	17 621,603	251 187,350	14,255	13,791
55	64	85 827	16 887,842	233 565,747	13,830	13,367
56	65	84 619	16 165,341	216 677,904	13,404	12,941
57	66	83 346	15 458,427	200 512,563	12,971	12,508
58	67	81 969	14 760,087	185 054,137	12,537	12,074
59	68	80 506	14 074,442	170 294,050	12,100	11,636
60	69	78 963	13 402,681	156 219,608	11,656	11,193
61	70	77 313	12 740,315	142 816,927	11,210	10,747
62	71	75 562	12 089,195	130 076,612	10,760	10,297
63	72	73 695	11 447,043	117 987,417	10,307	9,844
64	73	71 710	10 814,254	106 540,373	9,852	9,389
65	74	69 549	10 182,954	95 726,120	9,401	8,937
66	75	67 227	9 556,295	85 543,165	8,951	8,488
67	76	64 697	8 928,696	75 986,871	8,510	8,047
68	77	61 984	8 305,118	67 058,175	8,074	7,611
69	78	59 111	7 689,561	58 753,058	7,641	7,177
70	79	56 017	7 074,849	51 063,497	7,218	6,754
71	80	52 755	6 468,696	43 988,648	6,800	6,337
72	81	49 291	5 867,971	37 519,952	6,394	5,931
73	82	45 673	5 278,845	31 651,981	5,996	5,533
74	83	41 866	4 697,926	26 373,136	5,614	5,151
75	84	37 911	4 130,274	21 675,210	5,248	4,785
76	85	33 853	3 580,723	17 544,936	4,900	4,437
77	86	29 759	3 056,032	13 964,213	4,569	4,106
78	87	25 695	2 561,833	10 908,181	4,258	3,795
79	88	21 702	2 100,724	8 346,348	3,973	3,510
80	89	17 927	1 684,772	6 245,625	3,707	3,244
81	90	14 389	1 312,873	4 560,853	3,474	3,011
82	91	11 276	998,840	3 247,980	3,252	2,789
83	92	8 527	733,380	2 249,140	3,067	2,604
84	93	6 306	526,541	1 515,760	2,879	2,415
85	94	4 508	365,463	989,220	2,707	2,244
86	95	3 111	244,833	623,756	2,548	2,084
87	96	2 065	157,754	378,924	2,402	1,939
88	97	1 313	97,386	221,170	2,271	1,808
89	98	800	57,595	123,784	2,149	1,686
90	99	463	32,353	66,189	2,046	1,583
91	100	257	17,448	33,835	1,939	1,476

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	10	99 579	99 579,070	2 918 738,478	29,311	28,848	50	60	90 206	20 576,719	322 239,184	15,660	15,197
1	11	99 187	96 297,939	2 819 159,408	29,275	28,812	51	61	89 361	19 790,238	301 662,465	15,243	14,780
2	12	99 146	93 455,078	2 722 861,470	29,136	28,672	52	62	88 427	19 013,028	281 872,227	14,825	14,362
3	13	99 120	90 708,657	2 629 406,392	28,987	28,524	53	63	87 430	18 250,992	262 859,199	14,402	13,939
4	14	99 097	88 046,524	2 538 697,734	28,834	28,370	54	64	86 361	17 502,871	244 608,207	13,975	13,512
5	15	99 073	85 461,446	2 450 651,211	28,676	28,212	55	65	85 196	16 763,727	227 105,336	13,547	13,084
6	16	99 050	82 952,878	2 365 189,764	28,512	28,049	56	66	83 958	16 039,092	210 341,610	13,114	12,651
7	17	99 024	80 515,874	2 282 236,887	28,345	27,882	57	67	82 633	15 326,191	194 302,518	12,678	12,215
8	18	99 000	78 151,768	2 201 721,013	28,172	27,709	58	68	81 220	14 625,293	178 976,327	12,237	11,774
9	19	98 969	75 851,853	2 123 569,245	27,996	27,533	59	69	79 724	13 937,770	164 351,033	11,792	11,329
10	20	98 941	73 621,583	2 047 717,392	27,814	27,351	60	70	78 125	13 260,324	150 413,263	11,343	10,880
11	21	98 910	71 455,012	1 974 095,808	27,627	27,164	61	71	76 416	12 592,467	137 152,939	10,892	10,428
12	22	98 881	69 353,326	1 902 640,796	27,434	26,971	62	72	74 589	11 933,520	124 560,471	10,438	9,975
13	23	98 848	67 310,730	1 833 287,470	27,236	26,773	63	73	72 628	11 281,316	112 626,951	9,983	9,520
14	24	98 815	65 328,040	1 765 976,740	27,032	26,569	64	74	70 544	10 638,401	101 345,635	9,526	9,063
15	25	98 780	63 402,944	1 700 648,699	26,823	26,360	65	75	68 255	9 993,474	90 707,234	9,077	8,613
16	26	98 740	61 531,759	1 637 245,755	26,608	26,145	66	76	65 785	9 351,236	80 713,760	8,631	8,168
17	27	98 691	59 709,923	1 575 713,997	26,389	25,926	67	77	63 112	8 710,007	71 362,523	8,193	7,730
18	28	98 631	57 935,591	1 516 004,074	26,167	25,704	68	78	60 265	8 074,869	62 652,517	7,759	7,296
19	29	98 559	56 206,847	1 458 068,484	25,941	25,478	69	79	57 216	7 442,970	54 577,648	7,333	6,870
20	30	98 483	54 527,438	1 401 861,636	25,709	25,246	70	80	53 984	6 817,990	47 134,678	6,913	6,450
21	31	98 402	52 895,809	1 347 334,199	25,471	25,008	71	81	50 551	6 198,527	40 316,687	6,504	6,041
22	32	98 319	51 311,900	1 294 438,389	25,227	24,764	72	82	46 945	5 588,712	34 118,161	6,105	5,642
23	33	98 232	49 773,257	1 243 126,489	24,976	24,513	73	83	43 154	4 987,747	28 529,449	5,720	5,257
24	34	98 145	48 280,628	1 193 353,232	24,717	24,254	74	84	39 240	4 403,312	23 541,702	5,346	4,883
25	35	98 048	46 828,267	1 145 072,604	24,453	23,989	75	85	35 170	3 831,590	19 138,390	4,995	4,532
26	36	97 955	45 421,286	1 098 244,336	24,179	23,716	76	86	31 052	3 284,402	15 306,800	4,660	4,197
27	37	97 852	44 051,769	1 052 823,051	23,900	23,436	77	87	26 955	2 768,084	12 022,398	4,343	3,880
28	38	97 738	42 718,826	1 008 771,282	23,614	23,151	78	88	22 913	2 284,408	9 254,314	4,051	3,588
29	39	97 624	41 426,590	966 052,455	23,320	22,856	79	89	19 049	1 843,832	6 969,906	3,780	3,317
30	40	97 496	40 166,952	924 625,865	23,020	22,556	80	90	15 390	1 446,348	5 126,074	3,544	3,081
31	41	97 365	38 944,564	884 458,912	22,711	22,247	81	91	12 162	1 109,646	3 679,726	3,316	2,853
32	42	97 217	37 752,986	845 514,348	22,396	21,933	82	92	9 272	821,359	2 570,080	3,129	2,666
33	43	97 059	36 593,840	807 761,362	22,074	21,610	83	93	6 914	594,605	1 748,720	2,941	2,478
34	44	96 886	35 464,530	771 167,522	21,745	21,282	84	94	4 999	417,414	1 154,115	2,765	2,302
35	45	96 700	34 365,630	735 702,992	21,408	20,945	85	95	3 490	282,912	736,701	2,604	2,141
36	46	96 496	33 294,352	701 337,362	21,065	20,602	86	96	2 348	184,835	453,790	2,455	1,992
37	47	96 275	32 250,631	668 043,010	20,714	20,251	87	97	1 518	115,996	268,954	2,319	1,855
38	48	96 027	31 230,433	635 792,379	20,358	19,895	88	98	939	69,653	152,959	2,196	1,733
39	49	95 752	30 233,919	604 561,946	19,996	19,533	89	99	556	40,018	83,305	2,082	1,618
40	50	95 445	29 259,293	574 328,026	19,629	19,166	90	100	312	21,809	43,288	1,985	1,522
41	51	95 112	28 308,138	545 068,733	19,255	18,792							
42	52	94 750	27 378,835	516 760,596	18,874	18,411							
43	53	94 345	26 467,875	489 381,761	18,490	18,026							
44	54	93 894	25 574,022	462 913,885	18,101	17,638							
45	55	93 408	24 700,674	437 339,863	17,706	17,242							
46	56	92 871	23 843,338	412 639,189	17,306	16,843							
47	57	92 292	23 004,506	388 795,851	16,901	16,438							
48	58	91 657	22 180,996	365 791,345	16,491	16,028							
49	59	90 960	21 371,165	343 610,349	16,078	15,615							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä_{xy}^{(12)}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä_{xy}^{(12)}$
0	11	99 572	99 572,003	2 909 645,308	29,222	28,758	50	61	89 720	20 465,824	314 879,367	15,386	14,922
1	12	99 179	96 290,238	2 810 073,305	29,183	28,720	51	62	88 848	19 676,509	294 413,543	14,963	14,499
2	13	99 139	93 447,555	2 713 783,067	29,041	28,577	52	63	87 870	18 893,101	274 737,034	14,542	14,078
3	14	99 111	90 700,532	2 620 335,512	28,890	28,427	53	64	86 841	18 128,019	255 843,934	14,113	13,650
4	15	99 086	88 036,981	2 529 634,980	28,734	28,271	54	65	85 727	17 374,235	237 715,915	13,682	13,219
5	16	99 061	85 450,696	2 441 598,000	28,573	28,110	55	66	84 530	16 632,804	220 341,680	13,247	12,784
6	17	99 035	82 940,114	2 356 147,304	28,408	27,945	56	67	83 240	15 901,889	203 708,876	12,810	12,347
7	18	99 008	80 502,954	2 273 207,190	28,238	27,774	57	68	81 879	15 186,228	187 806,986	12,367	11,904
8	19	98 978	78 133,917	2 192 704,237	28,063	27,600	58	69	80 431	14 483,273	172 620,759	11,919	11,455
9	20	98 949	75 836,187	2 114 570,320	27,883	27,420	59	70	78 877	13 789,730	158 137,486	11,468	11,005
10	21	98 919	73 605,240	2 038 734,133	27,698	27,235	60	71	77 218	13 106,442	144 347,756	11,013	10,550
11	22	98 890	71 440,057	1 965 128,893	27,507	27,044	61	72	75 431	12 430,312	131 241,314	10,558	10,095
12	23	98 859	69 337,768	1 893 688,836	27,311	26,848	62	73	73 509	11 760,750	118 811,003	10,102	9,639
13	24	98 825	67 295,344	1 824 351,067	27,110	26,646	63	74	71 447	11 097,868	107 050,253	9,646	9,183
14	25	98 795	65 314,835	1 757 055,723	26,901	26,438	64	75	69 231	10 440,447	95 952,384	9,190	8,727
15	26	98 758	63 388,996	1 691 740,888	26,688	26,225	65	76	66 791	9 779,035	85 511,937	8,744	8,281
16	27	98 717	61 517,196	1 628 351,891	26,470	26,007	66	77	64 174	9 122,198	75 732,902	8,302	7,839
17	28	98 665	59 693,882	1 566 834,695	26,248	25,785	67	78	61 362	8 468,533	66 610,704	7,866	7,402
18	29	98 607	57 920,940	1 507 140,814	26,021	25,557	68	79	58 333	7 815,922	58 142,171	7,439	6,976
19	30	98 531	56 190,721	1 449 219,874	25,791	25,328	69	80	55 138	7 172,746	50 326,249	7,016	6,553
20	31	98 455	54 512,005	1 393 029,153	25,555	25,091	70	81	51 729	6 533,233	43 153,503	6,605	6,142
21	32	98 372	52 879,834	1 338 517,148	25,312	24,849	71	82	48 145	5 903,537	36 620,270	6,203	5,740
22	33	98 284	51 293,711	1 285 637,315	25,064	24,601	72	83	44 357	5 280,526	30 716,733	5,817	5,354
23	34	98 196	49 755,058	1 234 343,603	24,808	24,345	73	84	40 448	4 674,957	25 436,207	5,441	4,978
24	35	98 103	48 260,120	1 184 588,545	24,546	24,083	74	85	36 403	4 084,883	20 761,250	5,082	4,619
25	36	98 009	46 809,641	1 136 328,425	24,276	23,812	75	86	32 259	3 514,509	16 676,367	4,745	4,282
26	37	97 909	45 399,701	1 089 518,784	23,998	23,535	76	87	28 126	2 974,937	13 161,858	4,424	3,961
27	38	97 799	44 028,259	1 044 119,083	23,715	23,252	77	88	24 036	2 468,324	10 186,922	4,127	3,664
28	39	97 683	42 695,044	1 000 090,824	23,424	22,961	78	89	20 111	2 005,054	7 718,598	3,850	3,386
29	40	97 560	41 399,185	957 395,779	23,126	22,663	79	90	16 353	1 582,899	5 713,543	3,610	3,146
30	41	97 427	40 138,585	915 996,595	22,821	22,358	80	91	13 008	1 222,460	4 130,645	3,379	2,916
31	42	97 287	38 913,350	875 858,009	22,508	22,045	81	92	10 001	912,477	2 908,185	3,187	2,724
32	43	97 131	37 719,383	836 944,659	22,189	21,725	82	93	7 518	665,937	1 995,708	2,997	2,534
33	44	96 960	36 556,370	799 225,276	21,863	21,400	83	94	5 481	471,372	1 329,771	2,821	2,358
34	45	96 777	35 424,698	762 668,906	21,529	21,066	84	95	3 870	323,127	858,400	2,657	2,193
35	46	96 577	34 322,013	727 244,209	21,189	20,726	85	96	2 635	213,583	535,272	2,506	2,043
36	47	96 360	33 247,436	692 922,196	20,841	20,378	86	97	1 727	135,909	321,689	2,367	1,904
37	48	96 118	32 197,898	659 674,760	20,488	20,025	87	98	1 086	82,963	185,781	2,239	1,776
38	49	95 857	31 175,204	627 476,862	20,127	19,664	88	99	652	48,396	102,817	2,125	1,661
39	50	95 555	30 171,709	596 301,658	19,764	19,300	89	100	375	26,976	54,422	2,017	1,554
40	51	95 235	29 194,835	566 129,949	19,391	18,928							
41	52	94 880	28 238,874	536 935,115	19,014	18,551							
42	53	94 490	27 303,670	508 696,241	18,631	18,168							
43	54	94 062	26 388,299	481 392,571	18,243	17,779							
44	55	93 594	25 492,410	455 004,273	17,849	17,385							
45	56	93 077	24 613,156	429 511,863	17,450	16,987							
46	57	92 521	23 753,396	404 898,707	17,046	16,583							
47	58	91 923	22 912,567	381 145,311	16,635	16,172							
48	59	91 253	22 083,127	358 232,744	16,222	15,759							
49	60	90 531	21 270,250	336 149,617	15,804	15,341							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	12	99 564	99 564,040	2 900 048,129	29,127	28,664
1	13	99 171	96 282,486	2 800 484,088	29,086	28,623
2	14	99 130	93 439,184	2 704 201,602	28,941	28,478
3	15	99 100	90 690,701	2 610 762,417	28,788	28,324
4	16	99 074	88 025,906	2 520 071,716	28,629	28,166
5	17	99 046	85 437,547	2 432 045,810	28,466	28,003
6	18	99 019	82 926,804	2 346 608,262	28,297	27,834
7	19	98 986	80 484,566	2 263 681,458	28,126	27,662
8	20	98 957	78 117,779	2 183 196,893	27,948	27,484
9	21	98 927	75 819,352	2 105 079,113	27,764	27,301
10	22	98 899	73 589,835	2 029 259,762	27,575	27,112
11	23	98 868	71 424,031	1 955 669,926	27,381	26,918
12	24	98 836	69 321,919	1 884 245,895	27,181	26,718
13	25	98 806	67 281,742	1 814 923,976	26,975	26,512
14	26	98 773	65 300,467	1 747 642,235	26,763	26,300
15	27	98 735	63 373,994	1 682 341,767	26,546	26,083
16	28	98 691	61 500,670	1 618 967,773	26,324	25,861
17	29	98 640	59 678,787	1 557 467,104	26,097	25,634
18	30	98 578	57 904,322	1 497 788,317	25,867	25,403
19	31	98 503	56 174,817	1 439 883,995	25,632	25,169
20	32	98 425	54 495,541	1 383 709,178	25,391	24,928
21	33	98 337	52 861,089	1 329 213,638	25,145	24,682
22	34	98 248	51 274,956	1 276 352,548	24,892	24,429
23	35	98 154	49 733,924	1 225 077,592	24,633	24,169
24	36	98 064	48 240,924	1 175 343,668	24,364	23,901
25	37	97 962	46 787,396	1 127 102,744	24,090	23,627
26	38	97 856	45 375,472	1 080 315,348	23,808	23,345
27	39	97 745	44 003,748	1 034 939,876	23,519	23,056
28	40	97 619	42 666,799	990 936,128	23,225	22,762
29	41	97 491	41 369,948	948 269,328	22,922	22,458
30	42	97 349	40 106,415	906 899,381	22,612	22,149
31	43	97 200	38 878,714	866 792,966	22,295	21,832
32	44	97 031	37 680,760	827 914,252	21,972	21,509
33	45	96 851	36 515,312	790 233,492	21,641	21,178
34	46	96 654	35 379,735	753 718,180	21,304	20,840
35	47	96 441	34 273,649	718 338,445	20,959	20,496
36	48	96 203	33 193,073	684 064,796	20,609	20,145
37	49	95 948	32 140,958	650 871,723	20,251	19,787
38	50	95 660	31 111,056	618 730,765	19,888	19,425
39	51	95 344	30 105,240	587 619,708	19,519	19,056
40	52	95 002	29 123,401	557 514,468	19,143	18,680
41	53	94 619	28 161,347	528 391,067	18,763	18,300
42	54	94 206	27 221,580	500 229,720	18,376	17,913
43	55	93 761	26 304,088	473 008,139	17,982	17,519
44	56	93 263	25 402,086	446 704,052	17,585	17,122
45	57	92 726	24 520,310	421 301,966	17,182	16,719
46	58	92 151	23 658,464	396 781,656	16,771	16,308
47	59	91 517	22 811,470	373 123,192	16,357	15,894
48	60	90 822	21 978,850	350 311,722	15,939	15,475
49	61	90 043	21 155,617	328 332,873	15,520	15,057
50	62	89 205	20 348,213	307 177,256	15,096	14,633
51	63	88 287	19 552,397	286 829,043	14,670	14,207
52	64	87 278	18 765,802	267 276,646	14,243	13,780
53	65	86 202	17 994,789	248 510,845	13,810	13,347
54	66	85 057	17 238,545	230 516,056	13,372	12,909
55	67	83 807	16 490,523	213 277,511	12,933	12,470
56	68	82 480	15 756,668	196 786,989	12,489	12,026
57	69	81 084	15 038,760	181 030,320	12,038	11,574
58	70	79 577	14 329,438	165 991,560	11,584	11,121
59	71	77 962	13 629,704	151 662,122	11,127	10,664
60	72	76 224	12 937,668	138 032,418	10,669	10,206
61	73	74 339	12 250,349	125 094,751	10,212	9,748
62	74	72 314	11 569,506	112 844,401	9,754	9,290
63	75	70 118	10 891,364	101 274,895	9,299	8,835
64	76	67 746	10 216,416	90 383,531	8,847	8,384
65	77	65 155	9 539,519	80 167,115	8,404	7,940
66	78	62 394	8 869,297	70 627,596	7,963	7,500
67	79	59 395	8 196,962	61 758,298	7,534	7,071
68	80	56 215	7 532,158	53 561,336	7,111	6,648
69	81	52 835	6 873,172	46 029,179	6,697	6,234
70	82	49 267	6 222,314	39 156,007	6,293	5,830
71	83	45 491	5 577,990	32 933,693	5,904	5,441
72	84	41 575	4 949,376	27 355,702	5,527	5,064
73	85	37 523	4 336,884	22 406,326	5,166	4,703
74	86	33 390	3 746,840	18 069,442	4,823	4,359
75	87	29 220	3 183,362	14 322,602	4,499	4,036
76	88	25 080	2 652,776	11 139,240	4,199	3,736
77	89	21 097	2 166,480	8 486,464	3,917	3,454
78	90	17 265	1 721,305	6 319,984	3,672	3,208
79	91	13 822	1 337,873	4 598,679	3,437	2,974
80	92	10 697	1 005,245	3 260,806	3,244	2,781
81	93	8 108	739,813	2 255,561	3,049	2,586
82	94	5 960	527,920	1 515,748	2,871	2,408
83	95	4 243	364,897	987,829	2,707	2,244
84	96	2 922	243,944	622,932	2,554	2,090
85	97	1 937	157,047	378,988	2,413	1,950
86	98	1 235	97,206	221,941	2,283	1,820
87	99	754	57,644	124,736	2,164	1,701
88	100	440	32,623	67,092	2,057	1,593

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß 3,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$
0	13	99 556	99 556,026	2 889 937,919	29,028	28,565	50	63	88 642	20 219,864	299 134,919	14,794	14,331
1	14	99 162	96 273,862	2 790 381,894	28,984	28,521	51	64	87 692	19 420,655	278 915,056	14,362	13,899
2	15	99 119	93 429,057	2 694 108,032	28,836	28,373	52	65	86 636	18 627,884	259 494,401	13,930	13,467
3	16	99 088	90 679,293	2 600 678,975	28,680	28,217	53	66	85 529	17 854,252	240 866,517	13,491	13,027
4	17	99 059	88 012,362	2 509 999,682	28,519	28,055	54	67	84 330	17 091,082	223 012,265	13,048	12,585
5	18	99 030	85 423,837	2 421 987,321	28,353	27,889	55	68	83 042	16 339,926	205 921,183	12,602	12,139
6	19	98 996	82 907,863	2 336 563,483	28,183	27,719	56	69	81 679	15 603,661	189 581,257	12,150	11,687
7	20	98 965	80 467,943	2 253 655,621	28,007	27,544	57	70	80 223	14 879,026	173 977,596	11,693	11,230
8	21	98 935	78 100,438	2 173 187,678	27,826	27,362	58	71	78 654	14 163,149	159 098,570	11,233	10,770
9	22	98 906	75 803,484	2 095 087,240	27,638	27,175	59	72	76 958	13 454,191	144 935,421	10,773	10,309
10	23	98 876	73 573,327	2 019 283,757	27,446	26,983	60	73	75 120	12 750,360	131 481,230	10,312	9,849
11	24	98 845	71 407,705	1 945 710,430	27,248	26,785	61	74	73 131	12 051,144	118 730,870	9,852	9,389
12	25	98 817	69 307,907	1 874 302,725	27,043	26,580	62	75	70 968	11 354,226	106 679,726	9,396	8,932
13	26	98 784	67 266,941	1 804 994,819	26,833	26,370	63	76	68 613	10 657,658	95 325,500	8,944	8,481
14	27	98 749	65 285,013	1 737 727,878	26,618	26,154	64	77	66 086	9 966,188	84 667,842	8,496	8,032
15	28	98 708	63 356,969	1 672 442,865	26,397	25,934	65	78	63 348	9 275,048	74 701,654	8,054	7,591
16	29	98 666	61 485,118	1 609 085,896	26,170	25,707	66	79	60 394	8 584,874	65 426,606	7,621	7,158
17	30	98 612	59 661,664	1 547 600,778	25,940	25,476	67	80	57 238	7 899,364	56 841,732	7,196	6,733
18	31	98 550	57 887,933	1 487 939,114	25,704	25,241	68	81	53 867	7 217,573	48 942,368	6,781	6,318
19	32	98 473	56 157,851	1 430 051,182	25,465	25,002	69	82	50 321	6 546,076	41 724,796	6,374	5,911
20	33	98 390	54 476,224	1 373 893,331	25,220	24,757	70	83	46 550	5 879,189	35 178,720	5,984	5,520
21	34	98 301	52 841,761	1 319 417,107	24,969	24,506	71	84	42 638	5 228,186	29 299,531	5,604	5,141
22	35	98 206	51 253,176	1 266 575,346	24,712	24,249	72	85	38 568	4 591,458	24 071,345	5,243	4,779
23	36	98 115	49 714,142	1 215 322,170	24,446	23,983	73	86	34 418	3 977,987	19 479,887	4,897	4,434
24	37	98 017	48 217,999	1 165 608,028	24,174	23,710	74	87	30 244	3 393,803	15 501,900	4,568	4,104
25	38	97 910	46 762,427	1 117 390,029	23,895	23,432	75	88	26 056	2 838,631	12 108,097	4,265	3,802
26	39	97 802	45 350,211	1 070 627,602	23,608	23,145	76	89	22 013	2 328,376	9 269,467	3,981	3,518
27	40	97 680	43 974,638	1 025 277,391	23,315	22,852	77	90	18 111	1 859,886	6 941,091	3,732	3,269
28	41	97 550	42 636,667	981 302,754	23,015	22,552	78	91	14 592	1 454,855	5 081,205	3,493	3,029
29	42	97 413	41 336,790	938 666,087	22,708	22,245	79	92	11 366	1 100,151	3 626,350	3,296	2,833
30	43	97 262	40 070,716	897 329,297	22,394	21,930	80	93	8 673	815,027	2 526,199	3,100	2,636
31	44	97 100	38 838,905	857 258,581	22,072	21,609	81	94	6 428	586,484	1 711,173	2,918	2,454
32	45	96 922	37 638,439	818 419,676	21,744	21,281	82	95	4 613	408,672	1 124,688	2,752	2,289
33	46	96 728	36 468,965	780 781,237	21,409	20,946	83	96	3 203	275,477	716,016	2,599	2,136
34	47	96 518	35 329,881	744 312,272	21,067	20,604	84	97	2 148	179,371	440,539	2,456	1,993
35	48	96 284	34 217,608	708 982,391	20,720	20,257	85	98	1 386	112,324	261,168	2,325	1,862
36	49	96 033	33 134,373	674 764,783	20,364	19,901	86	99	858	67,539	148,844	2,204	1,741
37	50	95 751	32 074,823	641 630,410	20,004	19,541	87	100	509	38,857	81,305	2,092	1,629
38	51	95 449	31 042,591	609 555,587	19,636	19,173							
39	52	95 111	30 031,579	578 513,068	19,263	18,800							
40	53	94 741	29 043,446	548 481,489	18,885	18,422							
41	54	94 335	28 076,679	519 438,042	18,501	18,037							
42	55	93 905	27 134,710	491 361,363	18,108	17,645							
43	56	93 429	26 210,888	464 226,653	17,711	17,248							
44	57	92 911	25 306,264	438 015,765	17,309	16,845							
45	58	92 355	24 422,313	412 709,501	16,899	16,436							
46	59	91 744	23 554,076	388 287,188	16,485	16,022							
47	60	91 085	22 703,754	364 733,113	16,065	15,602							
48	61	90 333	21 860,398	342 029,359	15,646	15,183							
49	62	89 525	21 034,042	320 168,961	15,221	14,758							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$
0	14	99 547	99 547,108	2 879 305,176	28,924	28,461	50	64	88 045	20 083,625	290 759,317	14,477	14,014
1	15	99 151	96 263,427	2 779 758,069	28,877	28,413	51	65	87 048	19 277,925	270 675,692	14,041	13,577
2	16	99 106	93 417,304	2 683 494,642	28,726	28,263	52	66	85 960	18 482,403	251 397,767	13,602	13,139
3	17	99 072	90 665,340	2 590 077,338	28,567	28,104	53	67	84 798	17 701,522	232 915,365	13,158	12,695
4	18	99 043	87 998,238	2 499 411,997	28,403	27,940	54	68	83 559	16 935,001	215 213,843	12,708	12,245
5	19	99 007	85 404,325	2 411 413,759	28,235	27,772	55	69	82 236	16 181,255	198 278,842	12,254	11,790
6	20	98 976	82 890,739	2 326 009,434	28,061	27,598	56	70	80 812	15 437,927	182 097,587	11,795	11,332
7	21	98 943	80 450,080	2 243 118,695	27,882	27,419	57	71	79 292	14 706,359	166 659,660	11,332	10,869
8	22	98 915	78 084,092	2 162 668,616	27,697	27,233	58	72	77 641	13 980,768	151 953,302	10,869	10,406
9	23	98 884	75 786,479	2 084 584,523	27,506	27,043	59	73	75 844	13 259,405	137 972,534	10,406	9,942
10	24	98 854	73 556,509	2 008 798,045	27,310	26,846	60	74	73 899	12 543,024	124 713,129	9,943	9,480
11	25	98 825	71 393,271	1 935 241,535	27,107	26,644	61	75	71 770	11 826,902	112 170,105	9,484	9,021
12	26	98 795	69 292,660	1 863 848,265	26,898	26,435	62	76	69 446	11 110,588	100 343,203	9,031	8,568
13	27	98 760	67 251,021	1 794 555,605	26,684	26,221	63	77	66 933	10 396,622	89 232,616	8,583	8,120
14	28	98 723	65 267,474	1 727 304,583	26,465	26,002	64	78	64 254	9 689,888	78 835,993	8,136	7,673
15	29	98 683	63 340,948	1 662 037,109	26,240	25,776	65	79	61 317	8 977,614	69 146,106	7,702	7,239
16	30	98 637	61 467,476	1 598 696,161	26,009	25,546	66	80	58 201	8 273,192	60 168,492	7,273	6,809
17	31	98 584	59 644,778	1 537 228,685	25,773	25,310	67	81	54 848	7 569,442	51 895,300	6,856	6,393
18	32	98 521	57 870,449	1 477 583,908	25,533	25,069	68	82	51 303	6 874,086	44 325,857	6,448	5,985
19	33	98 438	56 137,944	1 419 713,458	25,290	24,827	69	83	47 546	6 185,097	37 451,772	6,055	5,592
20	34	98 354	54 456,305	1 363 575,514	25,040	24,577	70	84	43 631	5 510,496	31 266,675	5,674	5,211
21	35	98 259	52 819,315	1 309 119,209	24,785	24,322	71	85	39 554	4 850,106	25 756,179	5,310	4,847
22	36	98 167	51 232,790	1 256 299,894	24,521	24,058	72	86	35 377	4 211,494	20 906,073	4,964	4,501
23	37	98 069	49 690,517	1 205 067,104	24,251	23,788	73	87	31 175	3 603,170	16 694,579	4,633	4,170
24	38	97 965	48 192,266	1 155 376,587	23,974	23,511	74	88	26 969	3 026,282	13 091,409	4,326	3,863
25	39	97 856	46 736,393	1 107 184,321	23,690	23,227	75	89	22 869	2 491,503	10 065,127	4,040	3,577
26	40	97 737	45 320,209	1 060 447,927	23,399	22,936	76	90	18 898	1 998,871	7 573,624	3,789	3,326
27	41	97 611	43 943,581	1 015 127,718	23,101	22,637	77	91	15 308	1 571,984	5 574,753	3,546	3,083
28	42	97 471	42 602,494	971 184,136	22,796	22,333	78	92	11 999	1 196,347	4 002,769	3,346	2,883
29	43	97 326	41 299,996	928 581,643	22,484	22,021	79	93	9 215	891,974	2 806,423	3,146	2,683
30	44	97 163	40 029,686	887 281,646	22,166	21,702	80	94	6 875	646,110	1 914,449	2,963	2,500
31	45	96 991	38 795,282	847 251,960	21,839	21,376	81	95	4 976	454,008	1 268,338	2,794	2,330
32	46	96 799	37 590,667	808 456,677	21,507	21,044	82	96	3 483	308,525	814,331	2,639	2,176
33	47	96 592	36 417,576	770 866,010	21,167	20,704	83	97	2 355	202,557	505,806	2,497	2,034
34	48	96 360	35 272,113	734 448,434	20,822	20,359	84	98	1 536	128,291	303,248	2,364	1,901
35	49	96 113	34 157,096	699 176,321	20,469	20,006	85	99	963	78,044	174,957	2,242	1,779
36	50	95 835	33 066,194	665 019,225	20,112	19,649	86	100	578	45,528	96,913	2,129	1,665
37	51	95 540	32 004,163	631 953,030	19,746	19,283							
38	52	95 215	30 966,564	599 948,868	19,374	18,911							
39	53	94 850	29 949,131	568 982,304	18,998	18,535							
40	54	94 456	28 956,126	539 033,172	18,616	18,152							
41	55	94 034	27 987,080	510 077,046	18,225	17,762							
42	56	93 572	27 038,567	482 089,966	17,830	17,366							
43	57	93 077	26 112,015	455 051,399	17,427	16,964							
44	58	92 539	25 205,126	428 939,384	17,018	16,555							
45	59	91 948	24 314,554	403 734,258	16,605	16,141							
46	60	91 311	23 442,853	379 419,704	16,185	15,722							
47	61	90 594	22 581,395	355 976,851	15,764	15,301							
48	62	89 814	21 734,772	333 395,456	15,339	14,876							
49	63	88 961	20 901,367	311 660,684	14,911	14,448							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	15	99 536	99 536,318	2 868 141,500	28,815	28,352	50	65	87 398	19 936,022	282 055,210	14,148	13,685
1	16	99 139	96 251,318	2 768 605,182	28,764	28,301	51	66	86 368	19 127,367	262 119,187	13,704	13,241
2	17	99 091	93 402,930	2 672 353,864	28,611	28,148	52	67	85 224	18 324,299	242 991,821	13,261	12,797
3	18	99 057	90 650,791	2 578 950,934	28,449	27,986	53	68	84 023	17 539,866	224 667,521	12,809	12,346
4	19	99 020	87 978,138	2 488 300,143	28,283	27,820	54	69	82 748	16 770,551	207 127,655	12,351	11,887
5	20	98 987	85 386,686	2 400 322,005	28,111	27,648	55	70	81 362	16 009,386	190 357,104	11,890	11,427
6	21	98 954	82 872,338	2 314 935,319	27,934	27,471	56	71	79 874	15 258,774	174 347,718	11,426	10,963
7	22	98 923	80 433,242	2 232 062,981	27,751	27,287	57	72	78 271	14 516,982	159 088,945	10,959	10,496
8	23	98 892	78 066,576	2 151 629,739	27,561	27,098	58	73	76 517	13 778,358	144 571,963	10,493	10,029
9	24	98 862	75 769,155	2 073 563,163	27,367	26,904	59	74	74 611	13 043,792	130 793,605	10,027	9,564
10	25	98 834	73 541,641	1 997 794,008	27,165	26,702	60	75	72 523	12 309,629	117 749,813	9,566	9,102
11	26	98 803	71 377,566	1 924 252,367	26,959	26,496	61	76	70 230	11 573,121	105 440,184	9,111	8,648
12	27	98 771	69 276,261	1 852 874,802	26,746	26,283	62	77	67 745	10 838,458	93 867,064	8,661	8,197
13	28	98 734	67 232,954	1 783 598,541	26,529	26,065	63	78	65 077	10 108,389	83 028,605	8,214	7,751
14	29	98 698	65 250,970	1 716 365,586	26,304	25,841	64	79	62 194	9 379,150	72 920,216	7,775	7,311
15	30	98 655	63 322,774	1 651 114,617	26,075	25,611	65	80	59 091	8 651,673	63 541,066	7,344	6,881
16	31	98 609	61 450,079	1 587 791,843	25,839	25,376	66	81	55 770	7 927,658	54 889,393	6,924	6,461
17	32	98 554	59 626,763	1 526 341,763	25,598	25,135	67	82	52 237	7 209,210	46 961,735	6,514	6,051
18	33	98 486	57 849,936	1 466 715,000	25,354	24,891	68	83	48 474	6 495,019	39 752,525	6,120	5,657
19	34	98 402	56 117,418	1 408 865,064	25,106	24,642	69	84	44 564	5 797,220	33 257,506	5,737	5,274
20	35	98 312	54 433,174	1 352 747,646	24,852	24,388	70	85	40 476	5 112,000	27 460,287	5,372	4,909
21	36	98 220	52 798,306	1 298 314,473	24,590	24,127	71	86	36 281	4 448,737	22 348,287	5,024	4,560
22	37	98 121	51 208,443	1 245 516,167	24,322	23,859	72	87	32 043	3 814,676	17 899,550	4,692	4,229
23	38	98 016	49 663,998	1 194 307,723	24,048	23,585	73	88	27 799	3 212,977	14 084,874	4,384	3,921
24	39	97 910	48 165,437	1 144 643,725	23,765	23,302	74	89	23 671	2 656,207	10 871,897	4,093	3,630
25	40	97 791	46 705,475	1 096 478,289	23,476	23,013	75	90	19 633	2 138,913	8 215,690	3,841	3,378
26	41	97 668	45 288,203	1 049 772,814	23,180	22,717	76	91	15 973	1 689,455	6 076,777	3,597	3,134
27	42	97 533	43 908,361	1 004 484,611	22,877	22,414	77	92	12 588	1 292,664	4 387,322	3,394	2,931
28	43	97 385	42 564,574	960 576,250	22,568	22,104	78	93	9 729	969,967	3 094,659	3,190	2,727
29	44	97 226	41 257,708	918 011,676	22,251	21,787	79	94	7 305	707,110	2 124,692	3,005	2,542
30	45	97 053	39 984,727	876 753,968	21,927	21,464	80	95	5 322	500,165	1 417,582	2,834	2,371
31	46	96 868	38 746,042	836 769,241	21,596	21,133	81	96	3 757	342,751	917,417	2,677	2,213
32	47	96 663	37 537,698	798 023,199	21,259	20,796	82	97	2 561	226,857	574,665	2,533	2,070
33	48	96 434	36 358,029	760 485,501	20,917	20,453	83	98	1 685	144,875	347,808	2,401	1,938
34	49	96 190	35 209,737	724 127,472	20,566	20,103	84	99	1 068	89,138	202,934	2,277	1,813
35	50	95 916	34 086,813	688 917,735	20,211	19,747	85	100	649	52,609	113,796	2,163	1,700
36	51	95 624	32 993,350	654 830,922	19,847	19,384							
37	52	95 306	31 925,855	621 837,573	19,478	19,014							
38	53	94 954	30 881,550	589 911,718	19,102	18,639							
39	54	94 565	29 859,088	559 030,168	18,722	18,259							
40	55	94 155	28 863,721	529 171,080	18,333	17,870							
41	56	93 701	27 887,917	500 307,360	17,940	17,477							
42	57	93 219	26 936,572	472 419,442	17,538	17,075							
43	58	92 705	26 007,657	445 482,870	17,129	16,666							
44	59	92 131	25 093,913	419 475,213	16,716	16,253							
45	60	91 514	24 199,740	394 381,300	16,297	15,834							
46	61	90 819	23 316,511	370 181,560	15,876	15,413							
47	62	90 074	22 451,626	346 865,050	15,449	14,986							
48	63	89 247	21 597,677	324 413,423	15,021	14,558							
49	64	88 361	20 760,536	302 815,746	14,586	14,123							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	16	99 524	99 523,797	2 856 439,603	28,701	28,238	50	66	86 715	19 780,324	273 031,470	13,803	13,340
1	17	99 124	96 236,508	2 756 915,806	28,647	28,184	51	67	85 629	18 963,746	253 251,145	13,354	12,891
2	18	99 075	93 387,941	2 660 679,298	28,491	28,027	52	68	84 446	18 156,956	234 287,399	12,903	12,440
3	19	99 034	90 630,085	2 567 291,357	28,327	27,864	53	69	83 207	17 369,543	216 130,443	12,443	11,980
4	20	99 000	87 959,967	2 476 661,272	28,157	27,693	54	70	81 869	16 592,422	198 760,900	11,979	11,516
5	21	98 965	85 367,731	2 388 701,305	27,981	27,518	55	71	80 418	15 823,601	182 168,478	11,512	11,049
6	22	98 933	82 854,994	2 303 333,574	27,800	27,336	56	72	78 845	15 062,284	166 344,876	11,044	10,581
7	23	98 901	80 415,199	2 220 478,580	27,613	27,149	57	73	77 137	14 306,809	151 282,593	10,574	10,111
8	24	98 870	78 048,731	2 140 063,381	27,420	26,956	58	74	75 272	13 554,305	136 975,784	10,106	9,642
9	25	98 842	75 753,839	2 062 014,650	27,220	26,757	59	75	73 222	12 801,079	123 421,478	9,641	9,178
10	26	98 812	73 525,463	1 986 260,811	27,015	26,551	60	76	70 967	12 045,490	110 620,400	9,184	8,720
11	27	98 780	71 360,673	1 912 735,348	26,804	26,341	61	77	68 510	11 289,663	98 574,910	8,731	8,268
12	28	98 745	69 257,650	1 841 374,675	26,587	26,124	62	78	65 867	10 537,976	87 285,247	8,283	7,820
13	29	98 709	67 215,953	1 772 117,025	26,365	25,901	63	79	62 990	9 784,231	76 747,271	7,844	7,381
14	30	98 670	65 232,248	1 704 901,072	26,136	25,673	64	80	59 936	9 038,631	66 963,040	7,409	6,945
15	31	98 627	63 304,852	1 639 668,824	25,901	25,438	65	81	56 623	8 290,331	57 924,409	6,987	6,524
16	32	98 580	61 431,520	1 576 363,972	25,661	25,197	66	82	53 116	7 550,378	49 634,078	6,574	6,110
17	33	98 519	59 605,627	1 514 932,452	25,416	24,953	67	83	49 357	6 811,663	42 083,701	6,178	5,715
18	34	98 450	57 828,784	1 455 326,825	25,166	24,703	68	84	45 434	6 087,706	35 272,038	5,794	5,331
19	35	98 360	56 093,581	1 397 498,041	24,914	24,450	69	85	41 342	5 377,989	29 184,331	5,427	4,963
20	36	98 273	54 411,522	1 341 404,461	24,653	24,190	70	86	37 126	4 688,958	23 806,342	5,077	4,614
21	37	98 174	52 773,216	1 286 992,938	24,387	23,924	71	87	32 863	4 029,565	19 117,384	4,744	4,281
22	38	98 068	51 181,114	1 234 219,722	24,115	23,652	72	88	28 573	3 401,578	15 087,818	4,436	3,972
23	39	97 962	49 636,349	1 183 038,608	23,834	23,371	73	89	24 399	2 820,071	11 686,240	4,144	3,681
24	40	97 846	48 133,573	1 133 402,259	23,547	23,084	74	90	20 321	2 280,309	8 866,169	3,888	3,425
25	41	97 722	46 672,490	1 085 268,686	23,253	22,790	75	91	16 594	1 807,819	6 585,860	3,643	3,180
26	42	97 590	45 251,905	1 038 596,196	22,951	22,488	76	92	13 134	1 389,261	4 778,041	3,439	2,976
27	43	97 446	43 869,279	993 344,291	22,643	22,180	77	93	10 206	1 048,058	3 388,780	3,233	2,770
28	44	97 285	42 520,990	949 475,012	22,330	21,866	78	94	7 713	768,939	2 340,722	3,044	2,581
29	45	97 117	41 211,369	906 954,022	22,007	21,544	79	95	5 655	547,386	1 571,783	2,871	2,408
30	46	96 930	39 933,977	865 742,653	21,679	21,216	80	96	4 018	377,598	1 024,397	2,713	2,250
31	47	96 732	38 691,445	825 808,676	21,343	20,880	81	97	2 762	252,023	646,800	2,566	2,103
32	48	96 505	37 476,319	787 117,231	21,003	20,540	82	98	1 832	162,255	394,776	2,433	1,970
33	49	96 263	36 293,733	749 640,912	20,655	20,192	83	99	1 170	100,660	232,522	2,310	1,847
34	50	95 992	35 137,287	713 347,179	20,302	19,838	84	100	720	60,087	131,861	2,194	1,731
35	51	95 704	34 011,720	678 209,892	19,940	19,477							
36	52	95 390	32 912,622	644 198,172	19,573	19,110							
37	53	95 044	31 838,207	611 285,551	19,200	18,737							
38	54	94 669	30 788,703	579 447,344	18,820	18,357							
39	55	94 263	29 763,801	548 658,641	18,434	17,971							
40	56	93 821	28 761,452	518 894,840	18,041	17,578							
41	57	93 347	27 782,718	490 133,389	17,642	17,178							
42	58	92 847	26 828,919	462 350,670	17,233	16,770							
43	59	92 296	25 892,903	435 521,752	16,820	16,357							
44	60	91 696	24 975,419	409 628,849	16,401	15,938							
45	61	91 020	24 069,319	384 653,430	15,981	15,518							
46	62	90 297	23 182,518	360 584,111	15,554	15,091							
47	63	89 505	22 310,010	337 401,593	15,123	14,660							
48	64	88 646	21 452,155	315 091,583	14,688	14,225							
49	65	87 712	20 607,958	293 639,428	14,249	13,786							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	17	99 508	99 508,483	2 844 192,078	28,582	28,119	50	67	85 973	19 611,118	263 694,126	13,446	12,983
1	18	99 108	96 221,064	2 744 683,595	28,525	28,062	51	68	84 847	18 790,564	244 083,008	12,990	12,526
2	19	99 053	93 366,610	2 648 462,531	28,366	27,903	52	69	83 626	17 980,641	225 292,444	12,530	12,066
3	20	99 013	90 611,367	2 555 095,920	28,198	27,735	53	70	82 323	17 185,052	207 311,803	12,063	11,600
4	21	98 978	87 940,441	2 464 484,554	28,024	27,561	54	71	80 919	16 399,872	190 126,751	11,593	11,130
5	22	98 944	85 349,864	2 376 544,113	27,845	27,382	55	72	79 382	15 619,838	173 726,879	11,122	10,659
6	23	98 911	82 836,407	2 291 194,248	27,659	27,196	56	73	77 704	14 844,216	158 107,042	10,651	10,188
7	24	98 878	80 396,817	2 208 357,842	27,468	27,005	57	74	75 883	14 074,163	143 262,826	10,179	9,716
8	25	98 850	78 032,955	2 127 961,024	27,270	26,807	58	75	73 872	13 302,093	129 188,662	9,712	9,249
9	26	98 820	75 737,175	2 049 928,070	27,066	26,603	59	76	71 651	12 526,394	115 886,569	9,251	8,788
10	27	98 789	73 508,062	1 974 190,895	26,857	26,394	60	77	69 229	11 750,462	103 360,175	8,796	8,333
11	28	98 753	71 341,502	1 900 682,832	26,642	26,179	61	78	66 610	10 976,671	91 609,714	8,346	7,883
12	29	98 720	69 240,137	1 829 341,330	26,420	25,957	62	79	63 754	10 200,042	80 633,042	7,905	7,442
13	30	98 681	67 196,667	1 760 101,194	26,193	25,730	63	80	60 703	9 429,005	70 433,001	7,470	7,007
14	31	98 642	65 213,785	1 692 904,526	25,959	25,496	64	81	57 432	8 661,128	61 003,996	7,043	6,580
15	32	98 597	63 285,732	1 627 690,741	25,720	25,256	65	82	53 928	7 895,791	52 342,868	6,629	6,166
16	33	98 545	61 409,744	1 564 405,009	25,475	25,012	66	83	50 187	7 134,017	44 447,077	6,230	5,767
17	34	98 483	59 583,833	1 502 995,265	25,225	24,762	67	84	46 262	6 384,493	37 313,059	5,844	5,381
18	35	98 408	57 804,219	1 443 411,432	24,971	24,507	68	85	42 149	5 647,469	30 928,567	5,477	5,013
19	36	98 321	56 071,269	1 385 607,212	24,712	24,248	69	86	37 920	4 932,936	25 281,097	5,125	4,662
20	37	98 227	54 385,665	1 329 535,943	24,446	23,983	70	87	33 628	4 247,152	20 348,161	4,791	4,328
21	38	98 121	52 745,052	1 275 150,278	24,176	23,713	71	88	29 304	3 593,197	16 101,009	4,481	4,018
22	39	98 014	51 152,621	1 222 405,226	23,897	23,434	72	89	25 079	2 985,609	12 507,812	4,189	3,726
23	40	97 897	49 603,512	1 171 252,605	23,612	23,149	73	90	20 946	2 420,983	9 522,203	3,933	3,470
24	41	97 777	48 099,580	1 121 649,093	23,319	22,856	74	91	17 176	1 927,327	7 101,219	3,684	3,221
25	42	97 644	46 635,083	1 073 549,513	23,020	22,557	75	92	13 645	1 486,594	5 173,893	3,480	3,017
26	43	97 503	45 211,627	1 026 914,431	22,714	22,250	76	93	10 649	1 126,377	3 687,299	3,274	2,810
27	44	97 347	43 824,359	981 702,804	22,401	21,938	77	94	8 091	830,845	2 560,922	3,082	2,619
28	45	97 176	42 473,233	937 878,445	22,082	21,618	78	95	5 970	595,249	1 730,077	2,906	2,443
29	46	96 994	41 159,062	895 405,212	21,755	21,292	79	96	4 269	413,247	1 134,828	2,746	2,283
30	47	96 794	39 877,706	854 246,150	21,422	20,958	80	97	2 954	277,646	721,581	2,599	2,136
31	48	96 574	38 628,180	814 368,445	21,082	20,619	81	98	1 976	180,254	443,935	2,463	2,000
32	49	96 334	37 410,045	775 740,265	20,736	20,273	82	99	1 273	112,736	263,681	2,339	1,876
33	50	96 065	36 219,053	738 330,220	20,385	19,922	83	100	789	67,855	150,945	2,225	1,761
34	51	95 780	35 059,880	702 111,167	20,026	19,563							
35	52	95 470	33 928,500	667 051,287	19,661	19,197							
36	53	95 128	32 822,264	633 122,787	19,289	18,826							
37	54	94 759	31 742,484	600 300,523	18,912	18,448							
38	55	94 366	30 690,449	568 558,039	18,526	18,062							
39	56	93 929	29 658,343	537 867,590	18,135	17,672							
40	57	93 467	28 652,958	508 209,247	17,737	17,273							
41	58	92 974	27 671,683	479 556,289	17,330	16,867							
42	59	92 437	26 710,541	451 884,606	16,918	16,455							
43	60	91 860	25 770,636	425 174,065	16,498	16,035							
44	61	91 202	24 840,818	399 403,429	16,079	15,615							
45	62	90 497	23 931,000	374 562,612	15,652	15,189							
46	63	89 727	23 036,291	350 631,612	15,221	14,758							
47	64	88 902	22 159,688	327 595,321	14,783	14,320							
48	65	87 994	21 294,494	305 435,633	14,343	13,880							
49	66	87 027	20 447,013	284 141,139	13,896	13,433							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	18	99 493	99 492,515	2 831 392,522	28,458	27,995	50	68	85 188	19 432,024	254 055,117	13,074	12,611
1	19	99 085	96 199,086	2 731 900,007	28,398	27,935	51	69	84 023	18 608,095	234 623,094	12,609	12,145
2	20	99 032	93 347,327	2 635 700,920	28,235	27,772	52	70	82 738	17 789,659	216 014,998	12,143	11,680
3	21	98 992	90 591,252	2 542 353,594	28,064	27,601	53	71	81 368	16 985,624	198 225,339	11,670	11,207
4	22	98 957	87 922,036	2 451 762,342	27,886	27,422	54	72	79 877	16 188,688	181 239,715	11,195	10,732
5	23	98 922	85 330,718	2 363 840,306	27,702	27,239	55	73	78 233	15 393,698	165 051,027	10,722	10,259
6	24	98 888	82 817,472	2 278 509,588	27,512	27,049	56	74	76 440	14 602,831	149 657,329	10,249	9,785
7	25	98 858	80 380,566	2 195 692,116	27,316	26,853	57	75	74 471	13 812,278	135 054,498	9,778	9,315
8	26	98 828	78 015,789	2 115 311,551	27,114	26,651	58	76	72 287	13 016,658	121 242,220	9,314	8,851
9	27	98 796	75 719,251	2 037 295,762	26,906	26,443	59	77	69 896	12 219,587	108 225,563	8,857	8,394
10	28	98 762	73 488,315	1 961 576,511	26,692	26,229	60	78	67 310	11 424,695	96 005,975	8,403	7,940
11	29	98 728	71 323,462	1 888 088,196	26,472	26,009	61	79	64 474	10 624,669	84 581,280	7,961	7,498
12	30	98 692	69 220,270	1 816 764,735	26,246	25,783	62	80	61 440	9 829,720	73 956,611	7,524	7,061
13	31	98 653	67 177,649	1 747 544,464	26,014	25,551	63	81	58 168	9 035,197	64 126,892	7,097	6,634
14	32	98 612	65 194,089	1 680 366,816	25,775	25,312	64	82	54 699	8 248,942	55 091,694	6,679	6,215
15	33	98 562	63 263,299	1 615 172,727	25,531	25,068	65	83	50 954	7 460,383	46 842,753	6,279	5,816
16	34	98 509	61 387,290	1 551 909,428	25,281	24,817	66	84	47 040	6 686,632	39 382,370	5,890	5,426
17	35	98 441	59 558,524	1 490 522,137	25,026	24,563	67	85	42 916	5 922,794	32 695,738	5,520	5,057
18	36	98 369	57 781,228	1 430 963,614	24,765	24,302	68	86	38 661	5 180,115	26 772,944	5,168	4,705
19	37	98 275	56 044,623	1 373 182,386	24,502	24,038	69	87	34 348	4 468,141	21 592,829	4,833	4,369
20	38	98 174	54 356,641	1 317 137,763	24,231	23,768	70	88	29 987	3 787,221	17 124,688	4,522	4,058
21	39	98 067	52 715,688	1 262 781,122	23,955	23,491	71	89	25 720	3 153,795	13 337,466	4,229	3,766
22	40	97 949	51 118,781	1 210 065,435	23,672	23,208	72	90	21 530	2 563,095	10 183,671	3,973	3,510
23	41	97 828	49 568,481	1 158 946,654	23,381	22,917	73	91	17 704	2 046,226	7 620,576	3,724	3,261
24	42	97 698	48 061,028	1 109 378,173	23,083	22,619	74	92	14 124	1 584,867	5 574,350	3,517	3,054
25	43	97 557	46 593,573	1 061 317,145	22,778	22,315	75	93	11 063	1 205,292	3 989,483	3,310	2,847
26	44	97 403	45 165,333	1 014 723,571	22,467	22,004	76	94	8 442	892,932	2 784,192	3,118	2,655
27	45	97 237	43 775,138	969 558,239	22,149	21,685	77	95	6 263	643,172	1 891,259	2,941	2,477
28	46	97 052	42 419,324	925 783,101	21,825	21,361	78	96	4 507	449,381	1 248,088	2,777	2,314
29	47	96 857	41 101,064	883 363,777	21,492	21,029	79	97	3 139	303,859	798,707	2,629	2,165
30	48	96 635	39 812,501	842 262,712	21,156	20,693	80	98	2 113	198,580	494,849	2,492	2,029
31	49	96 403	38 559,869	802 450,211	20,811	20,347	81	99	1 373	125,242	296,268	2,366	1,902
32	50	96 136	37 333,068	763 890,343	20,461	19,998	82	100	858	75,995	171,026	2,250	1,787
33	51	95 853	36 139,263	726 557,275	20,104	19,641							
34	52	95 546	34 974,096	690 418,012	19,741	19,278							
35	53	95 208	33 835,354	655 443,917	19,372	18,908							
36	54	94 842	32 723,583	621 608,563	18,996	18,533							
37	55	94 456	31 641,186	588 884,980	18,611	18,148							
38	56	94 032	30 581,708	557 243,794	18,221	17,758							
39	57	93 574	29 546,466	526 662,086	17,825	17,362							
40	58	93 093	28 538,444	497 115,620	17,419	16,956							
41	59	92 564	27 549,587	468 577,176	17,009	16,545							
42	60	92 001	26 584,413	441 027,589	16,590	16,126							
43	61	91 365	25 631,749	414 443,176	16,169	15,706							
44	62	90 678	24 698,065	388 811,427	15,743	15,279							
45	63	89 927	23 780,051	364 113,362	15,312	14,848							
46	64	89 123	22 881,075	340 333,311	14,874	14,411							
47	65	88 249	21 996,827	317 452,236	14,432	13,969							
48	66	87 307	21 128,187	295 455,408	13,984	13,521							
49	67	86 283	20 272,104	274 327,221	13,532	13,069							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	19	99 470	99 469,790	2 818 032,154	28,331	27,867	50	69	84 361	19 243,326	244 123,068	12,686	12,223
1	20	99 065	96 179,217	2 718 562,365	28,266	27,802	51	70	83 131	18 410,449	224 879,742	12,215	11,752
2	21	99 010	93 326,604	2 622 383,147	28,099	27,636	52	71	81 778	17 583,215	206 469,292	11,742	11,279
3	22	98 971	90 572,292	2 529 056,543	27,923	27,460	53	72	80 320	16 766,897	188 886,077	11,265	10,802
4	23	98 935	87 902,312	2 438 484,251	27,741	27,278	54	73	78 721	15 954,312	172 119,180	10,788	10,325
5	24	98 899	85 311,213	2 350 581,939	27,553	27,090	55	74	76 961	15 143,378	156 164,868	10,312	9,849
6	25	98 868	82 800,731	2 265 270,726	27,358	26,895	56	75	75 018	14 331,108	141 021,490	9,840	9,377
7	26	98 836	80 362,884	2 182 469,994	27,158	26,694	57	76	72 873	13 515,895	126 690,381	9,373	8,910
8	27	98 805	77 997,325	2 102 107,110	26,951	26,488	58	77	70 516	12 697,843	113 174,486	8,913	8,450
9	28	98 770	75 698,909	2 024 109,785	26,739	26,276	59	78	67 958	11 880,815	100 476,643	8,457	7,994
10	29	98 737	73 469,731	1 948 410,876	26,520	26,057	60	79	65 151	11 058,325	88 595,828	8,012	7,548
11	30	98 700	71 302,997	1 874 941,145	26,295	25,832	61	80	62 133	10 238,930	77 537,503	7,573	7,110
12	31	98 664	69 200,679	1 803 638,147	26,064	25,601	62	81	58 874	9 419,176	67 298,573	7,145	6,682
13	32	98 623	67 157,359	1 734 437,469	25,826	25,363	63	82	55 400	8 605,209	57 879,397	6,726	6,263
14	33	98 577	65 170,980	1 667 280,109	25,583	25,120	64	83	51 683	7 794,059	49 274,188	6,322	5,859
15	34	98 526	63 240,168	1 602 109,130	25,334	24,871	65	84	47 759	6 992,531	41 480,129	5,932	5,469
16	35	98 467	61 361,215	1 538 868,962	25,079	24,616	66	85	43 638	6 203,083	34 487,598	5,560	5,097
17	36	98 402	59 534,834	1 477 507,748	24,818	24,354	67	86	39 365	5 432,655	28 284,515	5,206	4,743
18	37	98 322	57 753,769	1 417 972,914	24,552	24,089	68	87	35 018	4 692,031	22 851,860	4,870	4,407
19	38	98 222	56 014,713	1 360 219,145	24,283	23,820	69	88	30 628	3 984,279	18 159,829	4,558	4,095
20	39	98 119	54 326,379	1 304 204,431	24,007	23,544	70	89	26 320	3 324,093	14 175,549	4,264	3,801
21	40	98 002	52 680,814	1 249 878,052	23,725	23,262	71	90	22 080	2 707,480	10 851,457	4,008	3,545
22	41	97 880	51 082,680	1 197 197,238	23,436	22,973	72	91	18 197	2 166,339	8 143,977	3,759	3,296
23	42	97 749	49 528,752	1 146 114,559	23,140	22,677	73	92	14 558	1 682,639	5 977,638	3,553	3,089
24	43	97 611	48 018,250	1 096 585,807	22,837	22,374	74	93	11 451	1 284,969	4 294,999	3,342	2,879
25	44	97 457	46 545,864	1 048 567,557	22,528	22,064	75	94	8 770	955,492	3 010,030	3,150	2,687
26	45	97 294	45 114,605	1 002 021,693	22,211	21,747	76	95	6 535	691,235	2 054,538	2,972	2,509
27	46	97 114	43 719,577	956 907,088	21,887	21,424	77	96	4 728	485,560	1 363,304	2,808	2,344
28	47	96 916	42 359,551	913 187,511	21,558	21,095	78	97	3 314	330,427	877,744	2,656	2,193
29	48	96 699	41 033,859	870 827,960	21,222	20,759	79	98	2 245	217,328	547,316	2,518	2,055
30	49	96 464	39 742,095	829 794,101	20,879	20,416	80	99	1 468	137,975	329,988	2,392	1,928
31	50	96 204	38 480,526	790 052,006	20,531	20,068	81	100	925	84,425	192,013	2,274	1,811
32	51	95 924	37 250,824	751 571,480	20,176	19,713							
33	52	95 619	36 050,837	714 320,656	19,814	19,351							
34	53	95 284	34 878,079	678 269,819	19,447	18,984							
35	54	94 922	33 733,626	643 391,740	19,073	18,609							
36	55	94 539	32 619,155	609 658,114	18,690	18,227							
37	56	94 121	31 529,076	577 038,960	18,302	17,839							
38	57	93 677	30 466,347	545 509,883	17,905	17,442							
39	58	93 200	29 428,381	515 043,536	17,502	17,038							
40	59	92 683	28 412,524	485 615,155	17,092	16,628							
41	60	92 127	27 419,497	457 202,631	16,674	16,211							
42	61	91 505	26 441,140	429 783,134	16,254	15,791							
43	62	90 840	25 484,451	403 341,993	15,827	15,364							
44	63	90 106	24 542,278	377 857,542	15,396	14,933							
45	64	89 321	23 619,825	353 315,264	14,958	14,495							
46	65	88 468	22 712,913	329 695,440	14,516	14,053							
47	66	87 560	21 825,035	306 982,527	14,066	13,602							
48	67	86 560	20 947,451	285 157,492	13,613	13,150							
49	68	85 495	20 086,973	264 210,041	13,153	12,690							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	20	99 449	99 449,245	2 804 108,214	28,196	27,733	50	70	83 465	19 038,933	233 906,539	12,286	11,822
1	21	99 043	96 157,867	2 704 658,968	28,127	27,664	51	71	82 166	18 196,801	214 867,606	11,808	11,345
2	22	98 989	93 307,072	2 608 501,102	27,956	27,493	52	72	80 724	17 356,793	196 670,805	11,331	10,868
3	23	98 949	90 551,974	2 515 194,030	27,776	27,313	53	73	79 157	16 524,151	179 314,012	10,852	10,388
4	24	98 912	87 882,220	2 424 642,056	27,590	27,126	54	74	77 440	15 694,876	162 789,861	10,372	9,909
5	25	98 879	85 293,968	2 336 759,836	27,397	26,933	55	75	75 529	14 861,597	147 094,985	9,898	9,434
6	26	98 847	82 782,517	2 251 465,868	27,197	26,734	56	76	73 408	14 023,593	132 233,388	9,429	8,966
7	27	98 813	80 343,865	2 168 683,351	26,993	26,529	57	77	71 088	13 184,853	118 209,796	8,966	8,502
8	28	98 778	77 976,371	2 088 339,486	26,782	26,318	58	78	68 561	12 345,812	105 024,943	8,507	8,044
9	29	98 745	75 679,767	2 010 363,115	26,564	26,101	59	79	65 779	11 499,818	92 679,131	8,059	7,596
10	30	98 709	73 448,651	1 934 683,348	26,341	25,877	60	80	62 786	10 656,843	81 179,313	7,618	7,154
11	31	98 672	71 282,816	1 861 234,697	26,111	25,647	61	81	59 538	9 811,295	70 522,471	7,188	6,725
12	32	98 634	69 179,779	1 789 951,880	25,874	25,411	62	82	56 072	8 970,914	60 711,175	6,768	6,304
13	33	98 588	67 133,554	1 720 772,102	25,632	25,169	63	83	52 345	8 130,681	51 740,261	6,364	5,900
14	34	98 541	65 147,151	1 653 638,548	25,383	24,920	64	84	48 442	7 305,282	43 609,581	5,970	5,506
15	35	98 484	63 213,305	1 588 491,397	25,129	24,666	65	85	44 305	6 486,861	36 304,299	5,597	5,133
16	36	98 428	61 336,808	1 525 278,092	24,867	24,404	66	86	40 027	5 689,749	29 817,438	5,241	4,777
17	37	98 355	59 506,542	1 463 941,285	24,601	24,138	67	87	35 656	4 920,776	24 127,689	4,903	4,440
18	38	98 269	57 722,947	1 404 434,743	24,331	23,867	68	88	31 226	4 183,923	19 206,913	4,591	4,127
19	39	98 167	55 983,529	1 346 711,796	24,056	23,592	69	89	26 883	3 497,053	15 022,990	4,296	3,833
20	40	98 055	54 290,440	1 290 728,267	23,775	23,311	70	90	22 595	2 853,677	11 525,937	4,039	3,576
21	41	97 933	52 643,609	1 236 437,827	23,487	23,024	71	91	18 663	2 288,374	8 672,259	3,790	3,326
22	42	97 801	51 041,737	1 183 794,218	23,193	22,729	72	92	14 964	1 781,410	6 383,886	3,584	3,120
23	43	97 662	49 484,667	1 132 752,481	22,891	22,428	73	93	11 803	1 364,240	4 602,476	3,374	2,910
24	44	97 511	47 969,082	1 083 267,814	22,583	22,119	74	94	9 078	1 018,656	3 238,236	3,179	2,716
25	45	97 347	46 493,586	1 035 298,732	22,268	21,804	75	95	6 789	739,663	2 219,580	3,001	2,538
26	46	97 170	45 057,344	988 805,146	21,945	21,482	76	96	4 934	521,845	1 479,917	2,836	2,373
27	47	96 977	43 657,971	943 747,802	21,617	21,154	77	97	3 477	357,030	958,072	2,683	2,220
28	48	96 757	42 290,288	900 089,831	21,284	20,820	78	98	2 370	236,331	601,043	2,543	2,080
29	49	96 528	40 961,294	857 799,543	20,942	20,478	79	99	1 560	151,002	364,711	2,415	1,952
30	50	96 266	39 660,320	816 838,249	20,596	20,133	80	100	990	93,009	213,710	2,298	1,835
31	51	95 992	38 395,753	777 177,929	20,241	19,778							
32	52	95 689	37 159,678	738 782,175	19,881	19,418							
33	53	95 356	35 951,864	701 622,497	19,516	19,052							
34	54	94 997	34 773,216	665 670,633	19,143	18,680							
35	55	94 619	33 625,975	630 897,416	18,762	18,299							
36	56	94 204	32 503,579	597 271,442	18,376	17,912							
37	57	93 766	31 410,142	564 767,862	17,980	17,517							
38	58	93 303	30 344,587	533 357,720	17,577	17,113							
39	59	92 789	29 298,534	503 013,133	17,169	16,705							
40	60	92 245	28 278,359	473 714,599	16,752	16,289							
41	61	91 630	27 271,724	445 436,240	16,333	15,870							
42	62	90 979	26 289,191	418 164,516	15,906	15,443							
43	63	90 267	25 323,704	391 875,325	15,475	15,011							
44	64	89 499	24 376,916	366 551,621	15,037	14,574							
45	65	88 664	23 446,233	342 174,706	14,594	14,131							
46	66	87 777	22 535,528	318 728,473	14,143	13,680							
47	67	86 811	21 638,338	296 192,945	13,688	13,225							
48	68	85 770	20 756,153	274 554,607	13,228	12,764							
49	69	84 664	19 891,916	253 798,454	12,759	12,296							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	21	99 427	99 427,169	2 789 608,531	28,057	27,594	50	71	82 496	18 817,992	223 420,556	11,873	11,409
1	22	99 022	96 137,742	2 690 181,362	27,983	27,519	51	72	81 108	17 962,477	204 602,564	11,391	10,927
2	23	98 967	93 286,140	2 594 043,620	27,807	27,344	52	73	79 556	17 105,506	186 640,087	10,911	10,448
3	24	98 926	90 531,275	2 500 757,480	27,623	27,160	53	74	77 870	16 255,448	169 534,581	10,429	9,966
4	25	98 892	87 864,455	2 410 226,205	27,431	26,968	54	75	76 000	15 402,833	153 279,133	9,951	9,488
5	26	98 857	85 275,205	2 322 361,749	27,234	26,771	55	76	73 908	14 542,698	137 876,300	9,481	9,018
6	27	98 823	82 762,925	2 237 086,544	27,030	26,567	56	77	71 610	13 680,115	123 333,602	9,016	8,552
7	28	98 786	80 322,280	2 154 323,619	26,821	26,358	57	78	69 117	12 819,320	109 653,487	8,554	8,091
8	29	98 753	77 956,653	2 074 001,338	26,605	26,141	58	79	66 363	11 949,903	96 834,167	8,103	7,640
9	30	98 717	75 658,053	1 996 044,685	26,382	25,919	59	80	63 391	11 082,307	84 884,264	7,659	7,196
10	31	98 681	73 427,863	1 920 386,632	26,153	25,690	60	81	60 164	10 211,753	73 801,957	7,227	6,764
11	32	98 642	71 261,287	1 846 958,769	25,918	25,455	61	82	56 705	9 344,372	63 590,204	6,805	6,342
12	33	98 599	69 155,256	1 775 697,482	25,677	25,214	62	83	52 980	8 476,219	54 245,832	6,400	5,937
13	34	98 552	67 109,007	1 706 542,226	25,429	24,966	63	84	49 062	7 620,793	45 769,613	6,006	5,543
14	35	98 499	65 119,478	1 639 433,218	25,176	24,713	64	85	44 939	6 776,995	38 148,820	5,629	5,166
15	36	98 445	63 188,161	1 574 313,740	24,915	24,451	65	86	40 639	5 950,043	31 371,825	5,273	4,809
16	37	98 381	61 307,660	1 511 125,579	24,648	24,185	66	87	36 255	5 153,646	25 421,782	4,933	4,470
17	38	98 303	59 474,784	1 449 817,919	24,377	23,914	67	88	31 794	4 387,897	20 268,136	4,619	4,156
18	39	98 215	57 690,812	1 390 343,135	24,100	23,637	68	89	27 407	3 672,283	15 880,239	4,324	3,861
19	40	98 103	55 946,493	1 332 652,323	23,820	23,357	69	90	23 078	3 002,161	12 207,956	4,066	3,603
20	41	97 985	54 252,098	1 276 705,830	23,533	23,070	70	91	19 097	2 411,941	9 205,795	3,817	3,354
21	42	97 854	52 601,415	1 222 453,732	23,240	22,777	71	92	15 346	1 881,761	6 793,854	3,610	3,147
22	43	97 714	50 996,305	1 169 852,316	22,940	22,477	72	93	12 132	1 444,321	4 912,094	3,401	2,938
23	44	97 562	49 433,998	1 118 856,011	22,633	22,170	73	94	9 357	1 081,498	3 467,773	3,206	2,743
24	45	97 402	47 915,205	1 069 422,013	22,319	21,856	74	95	7 027	788,559	2 386,275	3,026	2,563
25	46	97 224	46 434,575	1 021 506,808	21,999	21,536	75	96	5 126	558,405	1 597,716	2,861	2,398
26	47	97 033	44 993,853	975 072,233	21,671	21,208	76	97	3 628	383,710	1 039,310	2,709	2,245
27	48	96 818	43 586,585	930 078,380	21,339	20,875	77	98	2 487	255,358	655,600	2,567	2,104
28	49	96 586	42 215,501	886 491,795	20,999	20,536	78	99	1 647	164,205	400,242	2,437	1,974
29	50	96 329	40 877,010	844 276,294	20,654	20,191	79	100	1 052	101,790	236,037	2,319	1,856
30	51	96 054	39 572,948	803 399,284	20,302	19,839							
31	52	95 758	38 301,807	763 826,336	19,942	19,479							
32	53	95 427	37 057,661	725 524,529	19,578	19,115							
33	54	95 070	35 843,773	688 466,868	19,207	18,744							
34	55	94 694	34 662,247	652 623,094	18,828	18,365							
35	56	94 284	33 506,832	617 960,847	18,443	17,980							
36	57	93 849	32 380,969	584 454,014	18,049	17,586							
37	58	93 392	31 284,610	552 073,045	17,647	17,184							
38	59	92 891	30 210,697	520 788,435	17,239	16,775							
39	60	92 351	29 160,186	490 577,739	16,824	16,360							
40	61	91 748	28 125,957	461 417,553	16,405	15,942							
41	62	91 104	27 115,001	433 291,596	15,980	15,517							
42	63	90 405	26 123,368	406 176,594	15,548	15,085							
43	64	89 659	25 153,076	380 053,226	15,110	14,646							
44	65	88 841	24 197,760	354 900,150	14,667	14,203							
45	66	87 972	23 263,121	330 702,390	14,216	13,753							
46	67	87 026	22 342,753	307 439,270	13,760	13,297							
47	68	86 018	21 440,730	285 096,516	13,297	12,834							
48	69	84 937	20 554,597	263 655,787	12,827	12,364							
49	70	83 765	19 680,633	243 101,189	12,352	11,889							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	22	99 406	99 406,360	2 774 524,288	27,911	27,448	50	72	81 434	18 575,669	212 681,391	11,449	10,986
1	23	99 000	96 116,175	2 675 117,929	27,832	27,369	51	73	79 934	17 702,422	194 105,722	10,965	10,502
2	24	98 945	93 264,817	2 579 001,754	27,652	27,189	52	74	78 262	16 827,350	176 403,300	10,483	10,020
3	25	98 906	90 512,976	2 485 736,937	27,463	27,000	53	75	76 421	15 952,974	159 575,951	10,003	9,540
4	26	98 870	87 845,127	2 395 223,961	27,266	26,803	54	76	74 369	15 072,320	143 622,976	9,529	9,066
5	27	98 834	85 255,024	2 307 378,834	27,064	26,601	55	77	72 098	14 186,506	128 550,656	9,061	8,598
6	28	98 797	82 740,691	2 222 123,811	26,856	26,393	56	78	69 625	13 300,852	114 364,150	8,598	8,135
7	29	98 761	80 301,969	2 139 383,120	26,642	26,179	57	79	66 901	12 408,226	101 063,298	8,145	7,682
8	30	98 725	77 934,286	2 059 081,151	26,421	25,958	58	80	63 953	11 516,051	88 655,072	7,698	7,235
9	31	98 689	75 636,639	1 981 146,865	26,193	25,730	59	81	60 743	10 619,448	77 139,021	7,264	6,801
10	32	98 651	73 405,686	1 905 510,225	25,959	25,495	60	82	57 300	9 725,772	66 519,573	6,840	6,376
11	33	98 607	71 236,027	1 832 104,539	25,719	25,256	61	83	53 578	8 829,083	56 793,801	6,433	5,969
12	34	98 563	69 129,971	1 760 868,512	25,472	25,009	62	84	49 657	7 944,662	47 964,718	6,037	5,574
13	35	98 510	67 080,501	1 691 738,542	25,220	24,756	63	85	45 514	7 069,690	40 020,056	5,661	5,198
14	36	98 460	65 093,576	1 624 658,041	24,959	24,496	64	86	41 220	6 216,167	32 950,366	5,301	4,838
15	37	98 398	63 158,133	1 559 564,464	24,693	24,230	65	87	36 810	5 389,414	26 734,199	4,961	4,497
16	38	98 328	61 274,941	1 496 406,331	24,421	23,958	66	88	32 329	4 595,549	21 344,785	4,645	4,181
17	39	98 248	59 441,674	1 435 131,390	24,144	23,680	67	89	27 906	3 851,314	16 749,235	4,349	3,886
18	40	98 150	57 652,646	1 375 689,716	23,862	23,398	68	90	23 529	3 152,593	12 897,922	4,091	3,628
19	41	98 033	55 906,982	1 318 037,070	23,576	23,112	69	91	19 506	2 537,440	9 745,329	3,841	3,377
20	42	97 907	54 208,616	1 262 130,088	23,283	22,820	70	92	15 704	1 983,371	7 207,889	3,634	3,171
21	43	97 767	52 554,596	1 207 921,472	22,984	22,521	71	93	12 442	1 525,683	5 224,518	3,424	2,961
22	44	97 614	50 944,088	1 155 366,876	22,679	22,216	72	94	9 618	1 144,982	3 698,835	3,230	2,767
23	45	97 453	49 378,476	1 104 422,788	22,366	21,903	73	95	7 244	837,206	2 553,854	3,050	2,587
24	46	97 278	47 854,390	1 055 044,312	22,047	21,584	74	96	5 305	595,319	1 716,647	2,884	2,420
25	47	97 087	46 369,144	1 007 189,923	21,721	21,258	75	97	3 769	410,593	1 121,328	2,731	2,268
26	48	96 875	44 920,283	960 820,779	21,389	20,926	76	98	2 595	274,440	710,735	2,590	2,127
27	49	96 647	43 509,505	915 900,496	21,051	20,587	77	99	1 728	177,425	436,295	2,459	1,996
28	50	96 387	42 128,636	872 390,991	20,708	20,245	78	100	1 110	110,690	258,870	2,339	1,875
29	51	96 117	40 786,958	830 262,355	20,356	19,893							
30	52	95 819	39 476,121	789 475,397	19,999	19,536							
31	53	95 495	38 196,654	749 999,275	19,635	19,172							
32	54	95 140	36 946,246	711 802,621	19,266	18,803							
33	55	94 766	35 729,388	674 856,375	18,888	18,425							
34	56	94 358	34 539,433	639 126,987	18,504	18,041							
35	57	93 928	33 380,438	604 587,554	18,112	17,649							
36	58	93 474	32 251,557	571 207,116	17,711	17,248							
37	59	92 980	31 146,572	538 955,560	17,304	16,841							
38	60	92 453	30 068,041	507 808,987	16,889	16,425							
39	61	91 853	29 003,031	477 740,946	16,472	16,009							
40	62	91 221	27 964,325	448 737,915	16,047	15,584							
41	63	90 529	26 943,969	420 773,589	15,617	15,153							
42	64	89 796	25 947,352	393 829,620	15,178	14,715							
43	65	89 000	24 968,216	367 882,268	14,734	14,271							
44	66	88 147	24 008,778	342 914,052	14,283	13,820							
45	67	87 219	23 064,122	318 905,273	13,827	13,364							
46	68	86 231	22 138,712	295 841,151	13,363	12,900							
47	69	85 183	21 232,527	273 702,439	12,891	12,427							
48	70	84 035	20 336,276	252 469,912	12,415	11,952							
49	71	82 793	19 452,245	232 133,636	11,934	11,470							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	23	99 384	99 384,060	2 758 843,356	27,759	27,296	50	73	80 255	18 306,735	201 710,678	11,018	10,555
1	24	98 977	96 094,205	2 659 459,297	27,676	27,212	51	74	78 634	17 414,559	183 403,943	10,532	10,068
2	25	98 925	93 245,965	2 563 365,092	27,490	27,027	52	75	76 806	16 514,234	165 989,384	10,051	9,588
3	26	98 884	90 493,065	2 470 119,127	27,296	26,833	53	76	74 781	15 610,656	149 475,150	9,575	9,112
4	27	98 847	87 824,337	2 379 626,063	27,095	26,632	54	77	72 547	14 703,157	133 864,493	9,104	8,641
5	28	98 807	85 232,120	2 291 801,726	26,889	26,426	55	78	70 099	13 793,204	119 161,336	8,639	8,176
6	29	98 772	82 719,768	2 206 569,606	26,675	26,212	56	79	67 392	12 874,317	105 368,133	8,184	7,721
7	30	98 733	80 278,929	2 123 849,838	26,456	25,993	57	80	64 472	11 957,734	92 493,816	7,735	7,272
8	31	98 697	77 912,228	2 043 570,909	26,229	25,766	58	81	61 282	11 035,076	80 536,082	7,298	6,835
9	32	98 659	75 613,795	1 965 658,680	25,996	25,533	59	82	57 852	10 114,064	69 501,005	6,872	6,408
10	33	98 616	73 379,666	1 890 044,885	25,757	25,294	60	83	54 141	9 189,451	59 386,941	6,463	5,999
11	34	98 571	71 209,981	1 816 665,220	25,511	25,048	61	84	50 218	8 275,398	50 197,490	6,066	5,603
12	35	98 521	69 100,606	1 745 455,239	25,260	24,796	62	85	46 066	7 370,138	41 922,092	5,688	5,225
13	36	98 471	67 053,819	1 676 354,633	25,000	24,537	63	86	41 748	6 484,640	34 551,954	5,328	4,865
14	37	98 413	65 062,643	1 609 300,814	24,735	24,271	64	87	37 336	5 630,463	28 067,314	4,985	4,522
15	38	98 346	63 124,427	1 544 238,171	24,463	24,000	65	88	32 823	4 805,786	22 436,851	4,669	4,205
16	39	98 274	61 240,828	1 481 113,744	24,185	23,722	66	89	28 376	4 033,573	17 631,065	4,371	3,908
17	40	98 183	59 402,350	1 419 872,916	23,903	23,439	67	90	23 957	3 306,287	13 597,492	4,113	3,649
18	41	98 080	57 611,930	1 360 470,566	23,614	23,151	68	91	19 887	2 664,585	10 291,205	3,862	3,399
19	42	97 955	55 862,173	1 302 858,635	23,323	22,860	69	92	16 040	2 086,571	7 626,619	3,655	3,192
20	43	97 820	54 160,365	1 246 996,462	23,024	22,561	70	93	12 732	1 608,066	5 540,048	3,445	2,982
21	44	97 667	52 500,783	1 192 836,097	22,720	22,257	71	94	9 864	1 209,481	3 931,982	3,251	2,788
22	45	97 505	50 886,870	1 140 335,314	22,409	21,946	72	95	7 445	886,350	2 722,501	3,072	2,608
23	46	97 329	49 315,803	1 089 448,443	22,091	21,628	73	96	5 468	632,045	1 836,151	2,905	2,442
24	47	97 141	47 786,958	1 040 132,640	21,766	21,303	74	97	3 901	437,736	1 204,106	2,751	2,288
25	48	96 928	46 293,324	992 345,683	21,436	20,973	75	98	2 696	293,668	766,370	2,610	2,146
26	49	96 703	44 840,845	946 052,358	21,098	20,635	76	99	1 803	190,683	472,702	2,479	2,016
27	50	96 448	43 419,978	901 211,514	20,756	20,292	77	100	1 165	119,602	282,019	2,358	1,895
28	51	96 175	42 035,827	857 791,536	20,406	19,943							
29	52	95 882	40 687,161	815 755,709	20,049	19,586							
30	53	95 556	39 367,745	775 068,548	19,688	19,225							
31	54	95 208	38 081,814	735 700,804	19,319	18,856							
32	55	94 836	36 828,342	697 618,989	18,942	18,479							
33	56	94 431	35 602,793	660 790,647	18,560	18,097							
34	57	94 003	34 409,143	625 187,854	18,169	17,706							
35	58	93 553	33 247,031	590 778,711	17,769	17,306							
36	59	93 062	32 109,253	557 531,680	17,364	16,900							
37	60	92 541	30 999,497	525 422,427	16,949	16,486							
38	61	91 954	29 905,994	494 422,930	16,533	16,069							
39	62	91 326	28 836,359	464 516,936	16,109	15,645							
40	63	90 645	27 787,936	435 680,577	15,679	15,216							
41	64	89 919	26 762,425	407 892,640	15,241	14,778							
42	65	89 136	25 756,655	381 130,215	14,797	14,334							
43	66	88 305	24 773,217	355 373,561	14,345	13,882							
44	67	87 393	23 803,401	330 600,343	13,889	13,426							
45	68	86 423	22 853,493	306 796,942	13,425	12,961							
46	69	85 394	21 923,731	283 943,449	12,951	12,488							
47	70	84 278	21 007,005	262 019,717	12,473	12,010							
48	71	83 059	20 100,279	241 012,712	11,991	11,527							
49	72	81 727	19 201,755	220 912,433	11,505	11,042							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	24	99 361	99 361,342	2 742 555,931	27,602	27,139	50	74	78 950	18 009,046	190 535,999	10,580	10,117
1	25	98 957	96 074,781	2 643 194,589	27,512	27,049	51	75	77 171	17 090,517	172 526,953	10,095	9,632
2	26	98 903	93 225,453	2 547 119,808	27,322	26,859	52	76	75 158	16 159,873	155 436,436	9,619	9,155
3	27	98 861	90 471,648	2 453 894,356	27,123	26,660	53	77	72 950	15 228,308	139 276,564	9,146	8,683
4	28	98 821	87 800,743	2 363 422,708	26,918	26,455	54	78	70 536	14 295,531	124 048,256	8,677	8,214
5	29	98 782	85 210,567	2 275 621,965	26,706	26,243	55	79	67 851	13 350,880	109 752,725	8,221	7,757
6	30	98 743	82 696,034	2 190 411,397	26,488	26,024	56	80	64 945	12 406,903	96 401,846	7,770	7,307
7	31	98 705	80 256,207	2 107 715,363	26,262	25,799	57	81	61 779	11 458,312	83 994,943	7,330	6,867
8	32	98 667	77 888,697	2 027 459,156	26,030	25,567	58	82	58 366	10 509,913	72 536,630	6,902	6,439
9	33	98 624	75 586,992	1 949 570,459	25,792	25,329	59	83	54 662	9 556,331	62 026,717	6,491	6,027
10	34	98 580	73 352,836	1 873 983,467	25,548	25,084	60	84	50 745	8 613,166	52 470,386	6,092	5,629
11	35	98 529	71 179,732	1 800 630,632	25,297	24,834	61	85	46 586	7 676,956	43 857,220	5,713	5,250
12	36	98 482	69 073,121	1 729 450,899	25,038	24,575	62	86	42 254	6 760,225	36 180,263	5,352	4,889
13	37	98 424	67 021,955	1 660 377,778	24,774	24,310	63	87	37 814	5 873,640	29 420,038	5,009	4,546
14	38	98 361	65 027,920	1 593 355,824	24,503	24,039	64	88	33 293	5 020,731	23 546,398	4,690	4,227
15	39	98 291	63 089,285	1 528 327,904	24,225	23,762	65	89	28 810	4 218,100	18 525,667	4,392	3,929
16	40	98 209	61 200,314	1 465 238,619	23,942	23,478	66	90	24 360	3 462,754	14 307,567	4,132	3,669
17	41	98 114	59 360,399	1 404 038,305	23,653	23,190	67	91	20 249	2 794,489	10 844,813	3,881	3,418
18	42	98 002	57 565,755	1 344 677,906	23,359	22,896	68	92	16 353	2 191,125	8 050,325	3,674	3,211
19	43	97 867	55 812,451	1 287 112,152	23,061	22,598	69	93	13 005	1 691,737	5 859,200	3,463	3,000
20	44	97 719	54 104,908	1 231 299,701	22,758	22,294	70	94	10 094	1 274,790	4 167,463	3,269	2,806
21	45	97 557	52 441,816	1 177 194,792	22,448	21,984	71	95	7 636	936,280	2 892,672	3,090	2,626
22	46	97 381	50 822,283	1 124 752,976	22,131	21,668	72	96	5 621	669,146	1 956,392	2,924	2,460
23	47	97 192	49 246,312	1 073 930,693	21,807	21,344	73	97	4 021	464,740	1 287,246	2,770	2,307
24	48	96 982	47 708,820	1 024 684,381	21,478	21,015	74	98	2 790	313,001	822,506	2,627	2,164
25	49	96 757	46 211,458	976 975,561	21,141	20,678	75	99	1 873	204,043	509,425	2,497	2,033
26	50	96 504	44 748,578	930 764,103	20,800	20,337	76	100	1 215	128,539	305,382	2,376	1,913
27	51	96 236	43 324,324	886 015,525	20,451	19,988							
28	52	95 940	41 932,974	842 691,201	20,096	19,633							
29	53	95 619	40 575,459	800 758,227	19,735	19,272							
30	54	95 269	39 249,384	760 182,768	19,368	18,905							
31	55	94 904	37 960,287	720 933,384	18,992	18,529							
32	56	94 500	36 697,853	682 973,097	18,611	18,147							
33	57	94 074	35 468,492	646 275,244	18,221	17,758							
34	58	93 627	34 271,625	610 806,752	17,823	17,359							
35	59	93 140	33 100,334	576 535,127	17,418	16,955							
36	60	92 622	31 957,632	543 434,793	17,005	16,542							
37	61	92 042	30 832,430	511 477,160	16,589	16,126							
38	62	91 426	29 734,133	480 644,730	16,165	15,702							
39	63	90 749	28 654,470	450 910,597	15,736	15,273							
40	64	90 035	27 600,705	422 256,127	15,299	14,836							
41	65	89 258	26 565,737	394 655,422	14,856	14,393							
42	66	88 440	25 555,498	368 089,686	14,404	13,940							
43	67	87 549	24 561,301	342 534,187	13,946	13,483							
44	68	86 595	23 586,021	317 972,886	13,481	13,018							
45	69	85 583	22 631,572	294 386,865	13,008	12,545							
46	70	84 487	21 690,868	271 755,294	12,529	12,065							
47	71	83 300	20 763,225	250 064,425	12,044	11,580							
48	72	81 990	19 841,444	229 301,201	11,557	11,093							
49	73	80 544	18 923,757	209 459,756	11,069	10,605							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	25	99 341	99 341,258	2 725 650,665	27,437	26,974	50	75	77 481	17 673,942	179 187,888	10,139	9,675
1	26	98 935	96 053,646	2 626 309,407	27,342	26,879	51	76	75 515	16 723,790	161 513,946	9,658	9,195
2	27	98 879	93 203,389	2 530 255,761	27,148	26,684	52	77	73 317	15 764,072	144 790,157	9,185	8,722
3	28	98 834	90 447,343	2 437 052,372	26,944	26,481	53	78	70 927	14 806,122	129 026,084	8,714	8,251
4	29	98 796	87 778,541	2 346 605,029	26,733	26,270	54	79	68 274	13 837,098	114 219,962	8,255	7,791
5	30	98 754	85 186,119	2 258 826,488	26,516	26,053	55	80	65 388	12 866,164	100 382,864	7,802	7,339
6	31	98 715	82 672,629	2 173 640,370	26,292	25,829	56	81	62 233	11 888,721	87 516,700	7,361	6,898
7	32	98 675	80 231,968	2 090 967,741	26,062	25,598	57	82	58 839	10 913,007	75 627,979	6,930	6,467
8	33	98 632	77 861,087	2 010 735,773	25,825	25,361	58	83	55 147	9 930,351	64 714,972	6,517	6,054
9	34	98 588	75 559,355	1 932 874,686	25,581	25,118	59	84	51 234	8 957,039	54 784,621	6,116	5,653
10	35	98 538	73 321,677	1 857 315,331	25,331	24,868	60	85	47 076	7 990,299	45 827,582	5,735	5,272
11	36	98 490	71 151,420	1 783 993,654	25,073	24,610	61	86	42 731	7 041,653	37 837,283	5,373	4,910
12	37	98 435	69 040,296	1 712 842,234	24,809	24,346	62	87	38 273	6 123,258	30 795,630	5,029	4,566
13	38	98 371	66 986,186	1 643 801,938	24,539	24,076	63	88	33 719	5 237,574	24 672,372	4,711	4,247
14	39	98 306	64 991,718	1 576 815,752	24,262	23,799	64	89	29 221	4 406,760	19 434,798	4,410	3,947
15	40	98 226	63 047,548	1 511 824,034	23,979	23,516	65	90	24 733	3 621,167	15 028,037	4,150	3,687
16	41	98 139	61 157,093	1 448 776,486	23,689	23,226	66	91	20 589	2 926,735	11 406,870	3,897	3,434
17	42	98 035	59 312,822	1 387 619,393	23,395	22,932	67	92	16 651	2 297,946	8 480,135	3,690	3,227
18	43	97 915	57 514,516	1 328 306,571	23,095	22,632	68	93	13 259	1 776,507	6 182,189	3,480	3,017
19	44	97 767	55 755,302	1 270 792,055	22,792	22,329	69	94	10 309	1 341,120	4 405,683	3,285	2,822
20	45	97 610	54 044,140	1 215 036,752	22,482	22,019	70	95	7 814	986,837	3 064,562	3,105	2,642
21	46	97 433	52 375,255	1 160 992,612	22,167	21,704	71	96	5 765	706,841	2 077,725	2,939	2,476
22	47	97 244	50 750,669	1 108 617,357	21,844	21,381	72	97	4 133	492,020	1 370,884	2,786	2,323
23	48	97 033	49 165,788	1 057 866,688	21,516	21,053	73	98	2 876	332,395	878,864	2,644	2,181
24	49	96 811	47 624,451	1 008 700,900	21,180	20,717	74	99	1 939	217,531	546,468	2,512	2,049
25	50	96 557	46 116,371	961 076,449	20,840	20,377	75	100	1 263	137,545	328,937	2,391	1,928
26	51	96 292	44 649,997	914 960,078	20,492	20,029							
27	52	96 000	43 218,318	870 310,081	20,138	19,674							
28	53	95 676	41 817,852	827 091,763	19,778	19,315							
29	54	95 331	40 453,467	785 273,911	19,412	18,949							
30	55	94 965	39 124,131	744 820,444	19,037	18,574							
31	56	94 568	37 825,787	705 696,313	18,656	18,193							
32	57	94 144	36 559,422	667 870,526	18,268	17,805							
33	58	93 698	35 326,740	631 311,104	17,871	17,407							
34	59	93 214	34 120,408	595 984,365	17,467	17,004							
35	60	92 700	32 944,034	561 863,957	17,055	16,592							
36	61	92 123	31 785,401	528 919,923	16,640	16,177							
37	62	91 513	30 655,245	497 134,522	16,217	15,754							
38	63	90 849	29 546,581	466 479,276	15,788	15,325							
39	64	90 138	28 461,400	436 932,696	15,352	14,889							
40	65	89 373	27 397,856	408 471,296	14,909	14,446							
41	66	88 561	26 358,262	381 073,439	14,457	13,994							
42	67	87 683	25 336,890	354 715,178	14,000	13,537							
43	68	86 750	24 337,000	329 378,288	13,534	13,071							
44	69	85 754	23 356,986	305 041,288	13,060	12,597							
45	70	84 674	22 391,190	281 684,302	12,580	12,117							
46	71	83 506	21 439,152	259 293,112	12,094	11,631							
47	72	82 227	20 495,853	237 853,960	11,605	11,142							
48	73	80 803	19 554,185	217 358,108	11,116	10,652							
49	74	79 234	18 616,034	197 803,922	10,625	10,162							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	49	93 528	21 334,393	380 812,290	17,850	17,386
1	0	99 613	96 711,862	2 889 797,300	29,880	29,417	51	50	92 962	20 587,686	359 477,896	17,461	16,998
2	1	99 267	93 568,364	2 793 085,438	29,851	29,388	52	51	92 318	19 849,655	338 890,211	17,073	16,610
3	2	99 222	90 801,950	2 699 517,074	29,730	29,267	53	52	91 632	19 128,119	319 040,556	16,679	16,216
4	3	99 193	88 131,846	2 608 715,124	29,600	29,137	54	53	90 876	18 417,779	299 912,437	16,284	15,821
5	4	99 169	85 543,977	2 520 583,278	29,465	29,002	55	54	90 041	17 717,174	281 494,658	15,888	15,425
6	5	99 146	83 033,535	2 435 039,301	29,326	28,863	56	55	89 147	17 030,233	263 777,484	15,489	15,026
7	6	99 126	80 598,418	2 352 005,765	29,182	28,719	57	56	88 183	16 355,529	246 747,251	15,086	14,623
8	7	99 109	78 237,630	2 271 407,348	29,032	28,569	58	57	87 144	15 691,987	230 391,721	14,682	14,219
9	8	99 092	75 946,018	2 193 169,718	28,878	28,415	59	58	86 032	15 040,607	214 699,734	14,275	13,811
10	9	99 077	73 722,777	2 117 223,700	28,719	28,255	60	59	84 835	14 399,363	199 659,127	13,866	13,403
11	10	99 062	71 564,178	2 043 500,923	28,555	28,092	61	60	83 557	13 769,358	185 259,764	13,454	12,991
12	11	99 046	69 468,892	1 971 936,744	28,386	27,923	62	61	82 179	13 147,808	171 490,406	13,043	12,580
13	12	99 027	67 432,628	1 902 467,853	28,213	27,750	63	62	80 727	12 539,353	158 342,598	12,628	12,164
14	13	99 008	65 456,041	1 835 035,225	28,035	27,571	64	63	79 204	11 944,387	145 803,245	12,207	11,744
15	14	98 984	63 534,324	1 769 579,184	27,852	27,389	65	64	77 561	11 355,995	133 858,857	11,788	11,324
16	15	98 956	61 666,144	1 706 044,860	27,666	27,203	66	65	75 832	10 779,401	122 502,863	11,365	10,901
17	16	98 918	59 846,965	1 644 378,717	27,476	27,013	67	66	73 995	10 211,946	111 723,462	10,940	10,477
18	17	98 869	58 075,228	1 584 531,751	27,284	26,821	68	67	72 050	9 653,943	101 511,516	10,515	10,052
19	18	98 806	56 347,525	1 526 456,524	27,090	26,627	69	68	70 025	9 109,331	91 857,573	10,084	9,621
20	19	98 735	54 667,111	1 470 108,999	26,892	26,429	70	69	67 893	8 574,711	82 748,242	9,650	9,187
21	20	98 661	53 035,361	1 415 441,887	26,689	26,225	71	70	65 643	8 049,007	74 173,531	9,215	8,752
22	21	98 586	51 451,392	1 362 406,526	26,479	26,016	72	71	63 263	7 531,343	66 124,523	8,780	8,317
23	22	98 513	49 915,815	1 310 955,134	26,263	25,800	73	72	60 756	7 022,161	58 593,180	8,344	7,881
24	23	98 440	48 425,755	1 261 039,319	26,041	25,577	74	73	58 089	6 518,370	51 571,019	7,912	7,448
25	24	98 362	46 978,247	1 212 613,564	25,812	25,349	75	74	55 209	6 014,760	45 052,649	7,490	7,027
26	25	98 288	45 575,677	1 165 635,317	25,576	25,113	76	75	52 153	5 516,361	39 037,889	7,077	6,614
27	26	98 209	44 212,792	1 120 059,640	25,333	24,870	77	76	48 910	5 022,660	33 521,528	6,674	6,211
28	27	98 124	42 887,719	1 075 846,848	25,085	24,622	78	77	45 482	4 534,566	28 498,868	6,285	5,822
29	28	98 039	41 602,361	1 032 959,129	24,829	24,366	79	78	41 885	4 054,345	23 964,302	5,911	5,448
30	29	97 949	40 353,874	991 356,768	24,567	24,103	80	79	38 156	3 585,792	19 909,958	5,552	5,089
31	30	97 859	39 142,215	951 002,893	24,296	23,833	81	80	34 379	3 136,709	16 324,165	5,204	4,741
32	31	97 761	37 964,278	911 860,679	24,019	23,556	82	81	30 543	2 705,561	13 187,456	4,874	4,411
33	32	97 660	36 820,304	873 896,400	23,734	23,271	83	82	26 753	2 300,789	10 481,895	4,556	4,093
34	33	97 551	35 707,918	837 076,097	23,442	22,979	84	83	23 055	1 925,065	8 181,107	4,250	3,787
35	34	97 438	34 627,718	801 368,178	23,142	22,679	85	84	19 488	1 579,777	6 256,041	3,960	3,497
36	35	97 314	33 576,636	766 740,460	22,836	22,372	86	85	16 114	1 268,278	4 676,264	3,687	3,224
37	36	97 190	32 557,006	733 163,824	22,519	22,056	87	86	12 994	992,876	3 407,985	3,432	2,969
38	37	97 052	31 563,744	700 606,818	22,197	21,733	88	87	10 178	755,042	2 415,109	3,199	2,735
39	38	96 893	30 594,392	669 043,074	21,868	21,405	89	88	7 730	556,723	1 660,067	2,982	2,519
40	39	96 728	29 652,676	638 448,683	21,531	21,068	90	89	5 649	395,057	1 103,345	2,793	2,330
41	40	96 540	28 733,053	608 796,006	21,188	20,725	91	90	3 996	271,321	708,288	2,611	2,147
42	41	96 340	27 838,290	580 062,953	20,837	20,374	92	91	2 703	178,154	436,967	2,453	1,990
43	42	96 115	26 964,501	552 224,664	20,480	20,016	93	92	1 742	111,459	258,813	2,322	1,859
44	43	95 859	26 109,184	525 260,163	20,118	19,655	94	93	1 081	67,148	147,353	2,194	1,731
45	44	95 570	25 272,389	499 150,979	19,751	19,288	95	94	640	38,578	80,205	2,079	1,616
46	45	95 251	24 454,456	473 878,591	19,378	18,915	96	95	360	21,080	41,628	1,975	1,511
47	46	94 895	23 653,403	449 424,135	19,000	18,537	97	96	192	10,927	20,547	1,880	1,417
48	47	94 488	22 865,912	425 770,732	18,620	18,157	98	97	97	5,359	9,620	1,795	1,332
49	48	94 031	22 092,530	402 904,820	18,237	17,774	99	98	46	2,480	4,261	1,718	1,255
							100	99	21	1,080	1,780	1,648	1,185

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	48	93 694	21 372,189	384 281,102	17,980	17,517
1							51	49	93 154	20 630,135	362 908,913	17,591	17,128
2	0	99 581	93 864,288	2 797 478,480	29,803	29,340	52	50	92 522	19 893,480	342 278,778	17,206	16,742
3	1	99 248	90 825,925	2 703 614,191	29,767	29,304	53	51	91 856	19 175,036	322 385,298	16,813	16,350
4	2	99 208	88 144,974	2 612 788,266	29,642	29,179	54	52	91 126	18 468,482	303 210,262	16,418	15,954
5	3	99 180	85 553,536	2 524 643,291	29,510	29,046	55	53	90 313	17 770,602	284 741,779	16,023	15,560
6	4	99 158	83 043,432	2 439 089,755	29,371	28,908	56	54	89 432	17 084,755	266 971,178	15,626	15,163
7	5	99 136	80 606,565	2 356 046,323	29,229	28,766	57	55	88 497	16 413,686	249 886,423	15,224	14,761
8	6	99 118	78 244,444	2 275 439,758	29,081	28,618	58	56	87 474	15 751,405	233 472,737	14,822	14,359
9	7	99 101	75 952,537	2 197 195,314	28,929	28,465	59	57	86 378	15 100,959	217 721,333	14,418	13,954
10	8	99 085	73 728,207	2 121 242,777	28,771	28,308	60	58	85 211	14 463,179	202 620,373	14,009	13,546
11	9	99 068	71 569,115	2 047 514,570	28,609	28,146	61	59	83 954	13 834,686	188 157,195	13,600	13,137
12	10	99 053	69 473,822	1 975 945,455	28,442	27,978	62	60	82 624	13 219,050	174 322,509	13,187	12,724
13	11	99 035	67 438,020	1 906 471,632	28,270	27,807	63	61	81 194	12 611,830	161 103,459	12,774	12,311
14	12	99 016	65 461,310	1 839 033,612	28,093	27,630	64	62	79 707	12 020,207	148 491,629	12,354	11,890
15	13	98 993	63 540,016	1 773 572,302	27,913	27,449	65	63	78 087	11 433,029	136 471,422	11,937	11,473
16	14	98 967	61 672,828	1 710 032,286	27,727	27,264	66	64	76 393	10 859,210	125 038,394	11,515	11,051
17	15	98 930	59 854,494	1 648 359,458	27,539	27,076	67	65	74 577	10 292,328	114 179,184	11,094	10,630
18	16	98 884	58 084,165	1 588 504,963	27,348	26,885	68	66	72 672	9 737,238	103 886,856	10,669	10,206
19	17	98 822	56 356,569	1 530 420,798	27,156	26,693	69	67	70 671	9 193,287	94 149,618	10,241	9,778
20	18	98 757	54 679,601	1 474 064,229	26,958	26,495	70	68	68 559	8 658,794	84 956,331	9,812	9,348
21	19	98 682	53 046,317	1 419 384,628	26,757	26,294	71	69	66 347	8 135,418	76 297,538	9,378	8,915
22	20	98 608	51 462,816	1 366 338,311	26,550	26,087	72	70	64 006	7 619,768	68 162,120	8,945	8,482
23	21	98 534	49 926,264	1 314 875,495	26,336	25,873	73	71	61 548	7 113,766	60 542,352	8,511	8,047
24	22	98 462	48 436,621	1 264 949,231	26,116	25,652	74	72	58 942	6 614,128	53 428,585	8,078	7,615
25	23	98 385	46 988,988	1 216 512,610	25,889	25,426	75	73	56 122	6 114,184	46 814,458	7,657	7,193
26	24	98 308	45 584,891	1 169 523,622	25,656	25,193	76	74	53 142	5 620,953	40 700,274	7,241	6,778
27	25	98 231	44 222,520	1 123 938,731	25,416	24,952	77	75	49 983	5 132,799	35 079,321	6,834	6,371
28	26	98 147	42 897,871	1 079 716,211	25,169	24,706	78	76	46 624	4 648,419	29 946,522	6,442	5,979
29	27	98 065	41 613,541	1 036 818,339	24,915	24,452	79	77	43 080	4 169,951	25 298,103	6,067	5,604
30	28	97 974	40 364,081	995 204,799	24,656	24,192	80	78	39 420	3 704,592	21 128,152	5,703	5,240
31	29	97 887	39 153,449	954 840,717	24,387	23,924	81	79	35 674	3 254,880	17 423,559	5,353	4,890
32	30	97 789	37 975,026	915 687,269	24,113	23,650	82	80	31 874	2 823,486	14 168,679	5,018	4,555
33	31	97 689	36 831,428	877 712,242	23,831	23,367	83	81	28 089	2 415,755	11 345,193	4,696	4,233
34	32	97 585	35 720,580	840 880,814	23,541	23,077	84	82	24 401	2 037,417	8 929,438	4,383	3,919
35	33	97 473	34 640,384	805 160,234	23,243	22,780	85	83	20 792	1 685,476	6 892,021	4,089	3,626
36	34	97 356	33 590,904	770 519,850	22,938	22,475	86	84	17 371	1 367,144	5 206,544	3,808	3,345
37	35	97 229	32 569,961	736 928,946	22,626	22,163	87	85	14 166	1 082,454	3 839,400	3,547	3,084
38	36	97 098	31 578,751	704 358,985	22,305	21,842	88	86	11 236	833,585	2 756,946	3,307	2,844
39	37	96 945	30 610,728	672 780,234	21,979	21,515	89	87	8 668	624,333	1 923,361	3,081	2,617
40	38	96 782	29 669,194	642 169,506	21,644	21,181	90	88	6 437	450,098	1 299,029	2,886	2,423
41	39	96 604	28 752,074	612 500,313	21,303	20,840	91	89	4 655	316,047	848,931	2,686	2,223
42	40	96 408	27 857,964	583 748,239	20,954	20,491	92	90	3 198	210,782	532,884	2,528	2,065
43	41	96 193	26 986,130	555 890,275	20,599	20,136	93	91	2 118	135,544	322,102	2,376	1,913
44	42	95 944	26 132,444	528 904,145	20,239	19,776	94	92	1 333	82,820	186,558	2,253	1,789
45	43	95 668	25 298,293	502 771,701	19,874	19,411	95	93	807	48,663	103,738	2,132	1,669
46	44	95 358	24 481,953	477 473,409	19,503	19,040	96	94	465	27,232	55,075	2,022	1,559
47	45	95 016	23 683,463	452 991,456	19,127	18,664	97	95	255	14,474	27,843	1,924	1,460
48	46	94 621	22 898,178	429 307,993	18,749	18,285	98	96	132	7,289	13,369	1,834	1,371
49	47	94 185	22 128,713	406 409,815	18,366	17,902	99	97	65	3,468	6,080	1,753	1,290
							100	98	30	1,555	2,612	1,680	1,217

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	47	93 847	21 407,192	387 488,540	18,101	17,638
1							51	48	93 319	20 666,683	366 081,348	17,714	17,250
2							52	49	92 713	19 934,498	345 414,665	17,327	16,864
3	0	99 562	91 113,177	2 707 683,100	29,718	29,255	53	50	92 059	19 217,372	325 480,167	16,937	16,474
4	1	99 234	88 168,248	2 616 569,923	29,677	29,214	54	51	91 349	18 513,782	306 262,795	16,542	16,079
5	2	99 195	85 566,281	2 528 401,675	29,549	29,086	55	52	90 561	17 819,523	287 749,014	16,148	15,685
6	3	99 169	83 052,712	2 442 835,395	29,413	28,950	56	53	89 702	17 136,276	269 929,491	15,752	15,289
7	4	99 148	80 616,173	2 359 782,683	29,272	28,809	57	54	88 780	16 466,233	252 793,215	15,352	14,889
8	5	99 128	78 252,353	2 279 166,510	29,126	28,663	58	55	87 785	15 807,413	236 326,982	14,950	14,487
9	6	99 109	75 959,152	2 200 914,157	28,975	28,512	59	56	86 705	15 158,139	220 519,569	14,548	14,085
10	7	99 093	73 734,536	2 124 955,005	28,819	28,356	60	57	85 553	14 521,214	205 361,430	14,142	13,679
11	8	99 076	71 574,387	2 051 220,469	28,659	28,195	61	58	84 326	13 895,999	190 840,216	13,733	13,270
12	9	99 060	69 478,615	1 979 646,083	28,493	28,030	62	59	83 016	13 281,767	176 944,217	13,322	12,859
13	10	99 042	67 442,807	1 910 167,467	28,323	27,860	63	60	81 634	12 680,168	163 662,450	12,907	12,444
14	11	99 024	65 466,545	1 842 724,661	28,148	27,684	64	61	80 167	12 089,682	150 982,283	12,489	12,025
15	12	99 001	63 545,131	1 777 258,115	27,968	27,505	65	62	78 583	11 505,602	138 892,600	12,072	11,609
16	13	98 976	61 678,353	1 713 712,984	27,785	27,321	66	63	76 911	10 932,874	127 386,998	11,652	11,189
17	14	98 941	59 860,983	1 652 034,631	27,598	27,135	67	64	75 130	10 368,530	116 454,124	11,231	10,768
18	15	98 897	58 091,472	1 592 173,648	27,408	26,945	68	65	73 244	9 813,883	106 085,594	10,810	10,347
19	16	98 837	56 365,242	1 534 082,176	27,217	26,754	69	66	71 280	9 272,607	96 271,710	10,382	9,919
20	17	98 773	54 688,377	1 477 716,934	27,021	26,557	70	67	69 191	8 738,597	86 999,103	9,956	9,493
21	18	98 704	53 058,437	1 423 028,557	26,820	26,357	71	68	66 998	8 215,192	78 260,506	9,526	9,063
22	19	98 628	51 473,447	1 369 970,120	26,615	26,152	72	69	64 693	7 701,571	70 045,314	9,095	8,632
23	20	98 556	49 937,349	1 318 496,673	26,403	25,940	73	70	62 271	7 197,289	62 343,743	8,662	8,199
24	21	98 482	48 446,760	1 268 559,324	26,185	25,721	74	71	59 711	6 700,410	55 146,454	8,230	7,767
25	22	98 407	46 999,532	1 220 112,563	25,960	25,497	75	72	56 946	6 204,004	48 446,044	7,809	7,346
26	23	98 330	45 595,314	1 173 113,032	25,729	25,266	76	73	54 021	5 713,868	42 242,041	7,393	6,930
27	24	98 251	44 231,461	1 127 517,718	25,491	25,028	77	74	50 930	5 230,118	36 528,173	6,984	6,521
28	25	98 169	42 907,310	1 083 286,257	25,247	24,784	78	75	47 646	4 750,352	31 298,054	6,589	6,125
29	26	98 088	41 623,391	1 040 378,947	24,995	24,532	79	76	44 161	4 274,649	26 547,703	6,210	5,747
30	27	98 001	40 374,928	998 755,556	24,737	24,274	80	77	40 544	3 810,226	22 273,053	5,846	5,382
31	28	97 912	39 163,352	958 380,628	24,471	24,008	81	78	36 856	3 362,717	18 462,828	5,490	5,027
32	29	97 817	37 985,925	919 217,276	24,199	23,736	82	79	33 075	2 929,857	15 100,111	5,154	4,691
33	30	97 717	36 841,855	881 231,350	23,919	23,456	83	80	29 314	2 521,048	12 170,254	4,827	4,364
34	31	97 615	35 731,372	844 389,495	23,632	23,168	84	81	25 620	2 139,224	9 649,206	4,511	4,047
35	32	97 508	34 652,667	808 658,123	23,336	22,873	85	82	22 005	1 783,845	7 509,982	4,210	3,747
36	33	97 391	33 603,191	774 005,456	23,034	22,570	86	83	18 533	1 458,616	5 726,137	3,926	3,463
37	34	97 270	32 583,802	740 402,265	22,723	22,260	87	84	15 270	1 166,835	4 267,520	3,657	3,194
38	35	97 136	31 591,316	707 818,463	22,405	21,942	88	85	12 250	908,792	3 100,686	3,412	2,949
39	36	96 991	30 625,282	676 227,147	22,081	21,617	89	86	9 570	689,278	2 191,894	3,180	2,717
40	37	96 834	29 685,036	645 601,865	21,748	21,285	90	87	7 218	504,759	1 502,616	2,977	2,514
41	38	96 658	28 768,090	615 916,829	21,410	20,946	91	88	5 304	360,080	997,857	2,771	2,308
42	39	96 472	27 876,405	587 148,740	21,063	20,599	92	89	3 725	245,529	637,777	2,598	2,134
43	40	96 260	27 005,202	559 272,334	20,710	20,247	93	90	2 506	160,368	392,248	2,446	1,983
44	41	96 021	26 153,406	532 267,133	20,352	19,889	94	91	1 621	100,715	231,880	2,302	1,839
45	42	95 753	25 320,830	506 113,727	19,988	19,525	95	92	995	60,021	131,165	2,185	1,722
46	43	95 456	24 507,046	480 792,897	19,619	19,155	96	93	587	34,351	71,144	2,071	1,608
47	44	95 122	23 710,093	456 285,850	19,244	18,781	97	94	329	18,698	36,793	1,968	1,505
48	45	94 741	22 927,278	432 575,757	18,867	18,404	98	95	175	9,655	18,095	1,874	1,411
49	46	94 318	22 159,939	409 648,479	18,486	18,023	99	96	88	4,716	8,441	1,790	1,326
							100	97	42	2,174	3,724	1,713	1,250

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß 3,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	46	93 980	21 437,399	390 447,503	18,213	17,750
1							51	47	93 472	20 700,531	369 010,104	17,826	17,363
2							52	48	92 877	19 969,814	348 309,573	17,442	16,979
3							53	49	92 249	19 256,996	328 339,759	17,050	16,587
4	0	99 548	88 447,094	2 620 334,315	29,626	29,163	54	50	91 551	18 554,657	309 082,763	16,658	16,195
5	1	99 221	85 588,873	2 531 887,222	29,582	29,119	55	51	90 784	17 863,231	290 528,106	16,264	15,801
6	2	99 184	83 065,084	2 446 298,348	29,450	28,987	56	52	89 949	17 183,451	272 664,875	15,868	15,405
7	3	99 159	80 625,181	2 363 233,265	29,311	28,848	57	53	89 048	16 515,889	255 481,425	15,469	15,006
8	4	99 140	78 261,680	2 282 608,083	29,166	28,703	58	54	88 066	15 858,019	238 965,536	15,069	14,606
9	5	99 119	75 966,830	2 204 346,403	29,017	28,554	59	55	87 013	15 212,037	223 107,516	14,667	14,203
10	6	99 102	73 740,958	2 128 379,573	28,863	28,400	60	56	85 877	14 576,198	207 895,479	14,263	13,799
11	7	99 084	71 580,530	2 054 638,615	28,704	28,241	61	57	84 664	13 951,758	193 319,281	13,856	13,393
12	8	99 067	69 483,732	1 983 058,085	28,540	28,077	62	58	83 384	13 340,630	179 367,522	13,445	12,982
13	9	99 049	67 447,460	1 913 574,353	28,371	27,908	63	59	82 021	12 740,328	166 026,893	13,032	12,568
14	10	99 031	65 471,192	1 846 126,893	28,198	27,734	64	60	80 602	12 155,191	153 286,565	12,611	12,148
15	11	99 009	63 550,213	1 780 655,701	28,020	27,556	65	61	79 037	11 572,104	141 131,374	12,196	11,733
16	12	98 984	61 683,319	1 717 105,488	27,837	27,374	66	62	77 400	11 002,272	129 559,270	11,776	11,312
17	13	98 950	59 866,345	1 655 422,169	27,652	27,189	67	63	75 639	10 438,866	118 556,998	11,357	10,894
18	14	98 908	58 097,770	1 595 555,824	27,463	27,000	68	64	73 786	9 886,544	108 118,132	10,936	10,473
19	15	98 849	56 372,333	1 537 458,055	27,273	26,810	69	65	71 842	9 345,595	98 231,588	10,511	10,048
20	16	98 788	54 696,793	1 481 085,722	27,078	26,615	70	66	69 788	8 813,994	88 885,993	10,085	9,621
21	17	98 720	53 066,952	1 426 388,928	26,879	26,416	71	67	67 615	8 290,908	80 071,999	9,658	9,195
22	18	98 651	51 485,207	1 373 321,976	26,674	26,211	72	68	65 328	7 777,091	71 781,091	9,230	8,767
23	19	98 576	49 947,666	1 321 836,769	26,464	26,001	73	69	62 940	7 274,556	64 004,000	8,798	8,335
24	20	98 504	48 457,517	1 271 889,103	26,248	25,784	74	70	60 412	6 779,080	56 729,445	8,368	7,905
25	21	98 427	47 009,370	1 223 431,586	26,025	25,562	75	71	57 689	6 284,936	49 950,365	7,948	7,484
26	22	98 353	45 605,544	1 176 422,216	25,796	25,332	76	72	54 814	5 797,807	43 665,429	7,531	7,068
27	23	98 273	44 241,574	1 130 816,672	25,560	25,097	77	73	51 772	5 316,572	37 867,623	7,123	6,659
28	24	98 189	42 915,985	1 086 575,098	25,319	24,855	78	74	48 550	4 840,420	32 551,050	6,725	6,262
29	25	98 110	41 632,550	1 043 659,113	25,068	24,605	79	75	45 130	4 368,386	27 710,630	6,343	5,880
30	26	98 024	40 384,486	1 002 026,563	24,812	24,349	80	76	41 562	3 905,892	23 342,244	5,976	5,513
31	27	97 938	39 173,876	961 642,077	24,548	24,085	81	77	37 907	3 458,602	19 436,352	5,620	5,156
32	28	97 842	37 995,533	922 468,201	24,278	23,815	82	78	34 171	3 026,925	15 977,750	5,279	4,815
33	29	97 745	36 852,429	884 472,668	24,000	23,537	83	79	30 418	2 616,026	12 950,825	4,951	4,487
34	30	97 642	35 741,488	847 620,239	23,715	23,252	84	80	26 737	2 232,464	10 334,800	4,629	4,166
35	31	97 537	34 663,137	811 878,751	23,422	22,959	85	81	23 105	1 872,981	8 102,336	4,326	3,863
36	32	97 426	33 615,106	777 215,614	23,121	22,658	86	82	19 614	1 543,745	6 229,355	4,035	3,572
37	33	97 306	32 595,720	743 600,508	22,813	22,350	87	83	16 292	1 244,904	4 685,609	3,764	3,301
38	34	97 178	31 604,741	711 004,788	22,497	22,034	88	84	13 205	979,635	3 440,705	3,512	3,049
39	35	97 030	30 637,468	679 400,047	22,175	21,712	89	85	10 433	751,465	2 461,070	3,275	2,812
40	36	96 880	29 699,149	648 762,579	21,844	21,381	90	86	7 969	557,266	1 709,605	3,068	2,605
41	37	96 709	28 783,451	619 063,430	21,508	21,044	91	87	5 948	403,809	1 152,339	2,854	2,390
42	38	96 525	27 891,933	590 279,979	21,163	20,700	92	88	4 244	279,737	748,529	2,676	2,213
43	39	96 324	27 023,079	562 388,046	20,811	20,348	93	89	2 919	186,804	468,793	2,510	2,046
44	40	96 089	26 171,889	535 364,967	20,456	19,993	94	90	1 918	119,161	281,989	2,366	1,903
45	41	95 830	25 341,141	509 193,078	20,094	19,630	95	91	1 210	72,990	162,828	2,231	1,768
46	42	95 541	24 528,879	483 851,937	19,726	19,263	96	92	723	42,368	89,838	2,120	1,657
47	43	95 220	23 734,396	459 323,058	19,353	18,889	97	93	415	23,586	47,470	2,013	1,549
48	44	94 848	22 953,058	435 588,662	18,977	18,514	98	94	226	12,472	23,883	1,915	1,452
49	45	94 437	22 188,101	412 635,604	18,597	18,134	99	95	117	6,247	11,412	1,827	1,363
							100	96	57	2,957	5,164	1,747	1,284

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$
0							50	45	94 099	21 464,643	393 172,792	18,317	17,854
1							51	46	93 604	20 729,741	371 708,148	17,931	17,468
2							52	47	93 029	20 002,520	350 978,407	17,547	17,083
3							53	48	92 412	19 291,111	330 975,887	17,157	16,694
4							54	49	91 740	18 592,915	311 684,776	16,764	16,300
5	0	99 535	85 859,561	2 535 366,564	29,529	29,066	55	50	90 984	17 902,670	293 091,861	16,371	15,908
6	1	99 210	83 087,016	2 449 507,003	29,481	29,018	56	51	90 169	17 225,598	275 189,191	15,976	15,512
7	2	99 174	80 637,192	2 366 419,987	29,347	28,883	57	52	89 293	16 561,356	257 963,593	15,576	15,113
8	3	99 151	78 270,426	2 285 782,795	29,204	28,740	58	53	88 332	15 905,841	241 402,237	15,177	14,714
9	4	99 131	75 975,885	2 207 512,369	29,055	28,592	59	54	87 291	15 260,738	225 496,396	14,776	14,313
10	5	99 112	73 748,412	2 131 536,484	28,903	28,440	60	55	86 183	14 628,028	210 235,658	14,372	13,909
11	6	99 093	71 586,765	2 057 788,073	28,745	28,282	61	56	84 985	14 004,587	195 607,630	13,967	13,504
12	7	99 076	69 489,696	1 986 201,308	28,583	28,119	62	57	83 719	13 394,160	181 603,044	13,558	13,095
13	8	99 056	67 452,427	1 916 711,612	28,416	27,953	63	58	82 385	12 796,791	168 208,883	13,145	12,681
14	9	99 038	65 475,709	1 849 259,185	28,243	27,780	64	59	80 984	12 212,861	155 412,092	12,725	12,262
15	10	99 016	63 554,723	1 783 783,476	28,067	27,604	65	60	79 466	11 634,808	143 199,232	12,308	11,845
16	11	98 992	61 688,252	1 720 228,752	27,886	27,423	66	61	77 847	11 065,864	131 564,424	11,889	11,426
17	12	98 958	59 871,165	1 658 540,501	27,702	27,239	67	62	76 119	10 505,129	120 498,559	11,470	11,007
18	13	98 916	58 102,974	1 598 669,336	27,514	27,051	68	63	74 287	9 953,610	109 993,431	11,051	10,587
19	14	98 860	56 378,444	1 540 566,362	27,325	26,862	69	64	72 373	9 414,788	100 039,821	10,626	10,163
20	15	98 801	54 703,674	1 484 187,918	27,131	26,668	70	65	70 337	8 883,372	90 625,033	10,202	9,738
21	16	98 735	53 075,119	1 429 484,244	26,933	26,470	71	66	68 199	8 362,442	81 741,661	9,775	9,312
22	17	98 667	51 493,470	1 376 409,124	26,730	26,267	72	67	65 930	7 848,768	73 379,219	9,349	8,886
23	18	98 599	49 959,077	1 324 915,654	26,520	26,057	73	68	63 557	7 345,889	65 530,450	8,921	8,457
24	19	98 525	48 467,528	1 274 956,577	26,305	25,842	74	69	61 061	6 851,857	58 184,561	8,492	8,029
25	20	98 449	47 019,808	1 226 489,049	26,085	25,621	75	70	58 366	6 358,727	51 332,705	8,073	7,610
26	21	98 373	45 615,091	1 179 469,241	25,857	25,394	76	71	55 529	5 873,440	44 973,977	7,657	7,194
27	22	98 295	44 251,501	1 133 854,150	25,623	25,160	77	72	52 533	5 394,675	39 100,537	7,248	6,785
28	23	98 211	42 925,797	1 089 602,649	25,383	24,920	78	73	49 352	4 920,432	33 705,863	6,850	6,387
29	24	98 130	41 640,967	1 046 676,853	25,136	24,673	79	74	45 985	4 451,212	28 785,430	6,467	6,004
30	25	98 045	40 393,371	1 005 035,886	24,881	24,418	80	75	42 474	3 991,542	24 334,218	6,096	5,633
31	26	97 961	39 183,149	964 642,514	24,619	24,156	81	76	38 858	3 545,440	20 342,676	5,738	5,274
32	27	97 868	38 005,743	925 459,365	24,351	23,887	82	77	35 145	3 113,235	16 797,236	5,395	4,932
33	28	97 770	36 861,750	887 453,621	24,075	23,612	83	78	31 426	2 702,696	13 684,001	5,063	4,600
34	29	97 670	35 751,746	850 591,871	23,792	23,328	84	79	27 744	2 316,569	10 981,305	4,740	4,277
35	30	97 565	34 672,950	814 840,125	23,501	23,038	85	80	24 112	1 954,617	8 664,735	4,433	3,970
36	31	97 455	33 625,262	780 167,175	23,202	22,739	86	81	20 595	1 620,884	6 710,119	4,140	3,677
37	32	97 340	32 607,278	746 541,913	22,895	22,432	87	82	17 243	1 317,560	5 089,235	3,863	3,399
38	33	97 213	31 616,301	713 934,635	22,581	22,118	88	83	14 089	1 045,179	3 771,674	3,609	3,145
39	34	97 071	30 650,487	682 318,334	22,261	21,798	89	84	11 247	810,044	2 726,495	3,366	2,903
40	35	96 918	29 710,967	651 667,846	21,934	21,470	90	85	8 688	607,543	1 916,451	3,154	2,691
41	36	96 755	28 797,136	621 956,879	21,598	21,135	91	86	6 567	445,815	1 308,907	2,936	2,473
42	37	96 577	27 906,827	593 159,743	21,255	20,792	92	87	4 759	313,709	863,092	2,751	2,288
43	38	96 378	27 038,131	565 252,917	20,906	20,443	93	88	3 326	212,830	549,384	2,581	2,118
44	39	96 152	26 189,215	538 214,786	20,551	20,088	94	89	2 234	138,804	336,553	2,425	1,961
45	40	95 898	25 359,050	512 025,571	20,191	19,728	95	90	1 432	86,358	197,749	2,290	1,827
46	41	95 618	24 548,555	486 666,521	19,825	19,361	96	91	880	51,523	111,391	2,162	1,699
47	42	95 305	23 755,540	462 117,966	19,453	18,990	97	92	512	29,091	59,868	2,058	1,595
48	43	94 945	22 976,584	438 362,426	19,079	18,615	98	93	285	15,732	30,777	1,956	1,493
49	44	94 544	22 213,050	415 385,841	18,700	18,237	99	94	151	8,070	15,045	1,864	1,401
							100	95	75	3,916	6,975	1,781	1,318

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	44	94 205	21 488,778	395 678,896	18,413	17,950
1							51	45	93 723	20 756,085	374 190,118	18,028	17,565
2							52	46	93 161	20 030,746	353 434,033	17,645	17,181
3							53	47	92 564	19 322,706	333 403,287	17,254	16,791
4							54	48	91 902	18 625,854	314 080,581	16,863	16,399
5							55	49	91 172	17 939,584	295 454,727	16,469	16,006
6	0	99 524	83 349,792	2 452 720,459	29,427	28,964	56	50	90 368	17 263,630	277 515,144	16,075	15,612
7	1	99 200	80 658,483	2 369 370,668	29,375	28,912	57	51	89 512	16 601,978	260 251,514	15,676	15,213
8	2	99 165	78 282,085	2 288 712,185	29,237	28,774	58	52	88 575	15 949,629	243 649,536	15,276	14,813
9	3	99 142	75 984,375	2 210 430,100	29,091	28,627	59	53	87 555	15 306,758	227 699,908	14,876	14,413
10	4	99 124	73 757,202	2 134 445,725	28,939	28,476	60	54	86 458	14 674,858	212 393,150	14,473	14,010
11	5	99 103	71 594,001	2 060 688,523	28,783	28,320	61	55	85 287	14 054,384	197 718,291	14,068	13,605
12	6	99 084	69 495,749	1 989 094,522	28,622	28,159	62	56	84 036	13 444,877	183 663,908	13,661	13,197
13	7	99 065	67 458,217	1 919 598,773	28,456	27,993	63	57	82 715	12 848,140	170 219,030	13,249	12,785
14	8	99 045	65 480,531	1 852 140,556	28,285	27,822	64	58	81 343	12 266,986	157 370,891	12,829	12,366
15	9	99 023	63 559,108	1 786 660,025	28,110	27,647	65	59	79 843	11 690,008	145 103,905	12,413	11,949
16	10	98 999	61 692,630	1 723 100,917	27,930	27,467	66	60	78 269	11 125,825	133 413,896	11,991	11,528
17	11	98 966	59 875,953	1 661 408,287	27,748	27,284	67	61	76 559	10 565,847	122 288,071	11,574	11,111
18	12	98 924	58 107,652	1 601 532,334	27,561	27,098	68	62	74 758	10 016,792	111 722,223	11,153	10,690
19	13	98 869	56 383,494	1 543 424,682	27,374	26,910	69	63	72 864	9 478,654	101 705,431	10,730	10,267
20	14	98 812	54 709,604	1 487 041,188	27,181	26,717	70	64	70 858	8 949,143	92 226,777	10,306	9,842
21	15	98 748	53 081,796	1 432 331,584	26,983	26,520	71	65	68 736	8 428,266	83 277,634	9,881	9,418
22	16	98 682	51 501,395	1 379 249,787	26,781	26,318	72	66	66 499	7 916,488	74 849,368	9,455	8,992
23	17	98 614	49 967,095	1 327 748,392	26,572	26,109	73	67	64 143	7 413,592	66 932,880	9,028	8,565
24	18	98 547	48 478,601	1 277 781,297	26,358	25,894	74	68	61 660	6 919,045	59 519,288	8,602	8,139
25	19	98 469	47 029,522	1 229 302,696	26,139	25,676	75	69	58 993	6 426,992	52 600,243	8,184	7,721
26	20	98 395	45 625,219	1 182 273,175	25,913	25,449	76	70	56 181	5 942,400	46 173,252	7,770	7,307
27	21	98 316	44 260,764	1 136 647,956	25,681	25,217	77	71	53 218	5 465,049	40 230,852	7,361	6,898
28	22	98 233	42 935,429	1 092 387,191	25,443	24,979	78	72	50 077	4 992,715	34 765,802	6,963	6,500
29	23	98 152	41 650,487	1 049 451,763	25,197	24,733	79	73	46 745	4 524,791	29 773,087	6,580	6,117
30	24	98 065	40 401,538	1 007 801,275	24,945	24,481	80	74	43 279	4 067,223	25 248,297	6,208	5,745
31	25	97 983	39 191,771	967 399,737	24,684	24,221	81	75	39 711	3 623,186	21 181,073	5,846	5,383
32	26	97 891	38 014,740	928 207,967	24,417	23,954	82	76	36 027	3 191,402	17 557,887	5,502	5,038
33	27	97 796	36 871,656	890 193,226	24,143	23,680	83	77	32 322	2 779,762	14 366,486	5,168	4,705
34	28	97 695	35 760,789	853 321,571	23,862	23,399	84	78	28 663	2 393,319	11 586,724	4,841	4,378
35	29	97 593	34 682,901	817 560,782	23,572	23,109	85	79	25 020	2 028,254	9 193,405	4,533	4,069
36	30	97 483	33 634,782	782 877,880	23,276	22,813	86	80	21 492	1 691,531	7 165,151	4,236	3,773
37	31	97 370	32 617,129	749 243,099	22,971	22,508	87	81	18 104	1 383,397	5 473,619	3,957	3,493
38	32	97 248	31 627,512	716 625,969	22,658	22,195	88	82	14 911	1 106,179	4 090,222	3,698	3,234
39	33	97 106	30 661,698	684 998,457	22,341	21,877	89	83	11 999	864,242	2 984,044	3,453	2,990
40	34	96 959	29 723,593	654 336,759	22,014	21,551	90	84	9 365	654,903	2 119,801	3,237	2,774
41	35	96 794	28 808,594	624 613,166	21,681	21,218	91	85	7 159	486,037	1 464,898	3,014	2,551
42	36	96 623	27 920,095	595 804,571	21,340	20,876	92	86	5 254	346,342	978,861	2,826	2,363
43	37	96 429	27 052,569	567 884,476	20,992	20,529	93	87	3 730	238,677	632,519	2,650	2,187
44	38	96 206	26 203,803	540 831,908	20,639	20,176	94	88	2 545	158,143	393,842	2,490	2,027
45	39	95 961	25 375,838	514 628,105	20,280	19,817	95	89	1 668	100,593	235,699	2,343	1,880
46	40	95 685	24 565,904	489 252,267	19,916	19,453	96	90	1 041	60,959	135,105	2,216	1,753
47	41	95 381	23 774,595	464 686,363	19,546	19,082	97	91	622	35,377	74,146	2,096	1,633
48	42	95 030	22 997,054	440 911,768	19,173	18,709	98	92	352	19,404	38,769	1,998	1,535
49	43	94 641	22 235,818	417 914,714	18,795	18,331	99	93	190	10,180	19,365	1,902	1,439
							100	94	97	5,059	9,185	1,816	1,352

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7	0	99 513	80 913,578	2 372 336,905	29,319	28,856
8	1	99 192	78 302,754	2 291 423,328	29,264	28,800
9	2	99 157	75 995,694	2 213 120,573	29,122	28,658
10	3	99 135	73 765,444	2 137 124,879	28,972	28,509
11	4	99 115	71 602,534	2 063 359,435	28,817	28,354
12	5	99 094	69 502,774	1 991 756,901	28,657	28,194
13	6	99 073	67 464,092	1 922 254,127	28,493	28,030
14	7	99 054	65 486,152	1 854 790,035	28,323	27,860
15	8	99 030	63 563,789	1 789 303,883	28,150	27,687
16	9	99 005	61 696,886	1 725 740,094	27,971	27,508
17	10	98 973	59 880,203	1 664 043,208	27,790	27,326
18	11	98 932	58 112,299	1 604 163,005	27,605	27,141
19	12	98 877	56 388,033	1 546 050,706	27,418	26,955
20	13	98 820	54 714,505	1 489 662,673	27,226	26,763
21	14	98 758	53 087,550	1 434 948,167	27,030	26,567
22	15	98 694	51 507,874	1 381 860,617	26,828	26,365
23	16	98 630	49 974,785	1 330 352,743	26,620	26,157
24	17	98 563	48 486,381	1 280 377,958	26,407	25,944
25	18	98 492	47 040,266	1 231 891,576	26,188	25,725
26	19	98 415	45 634,645	1 184 851,310	25,964	25,501
27	20	98 338	44 270,592	1 139 216,666	25,733	25,270
28	21	98 254	42 944,416	1 094 946,074	25,497	25,034
29	22	98 174	41 659,833	1 052 001,657	25,252	24,789
30	23	98 088	40 410,775	1 010 341,824	25,002	24,539
31	24	98 002	39 199,695	969 931,049	24,743	24,280
32	25	97 913	38 023,105	930 731,355	24,478	24,015
33	26	97 819	36 880,384	892 708,250	24,206	23,742
34	27	97 721	35 770,399	855 827,866	23,926	23,462
35	28	97 618	34 691,674	820 057,467	23,638	23,175
36	29	97 511	33 644,435	785 365,794	23,343	22,880
37	30	97 397	32 626,364	751 721,359	23,040	22,577
38	31	97 277	31 637,068	719 094,995	22,730	22,266
39	32	97 141	30 672,571	687 457,927	22,413	21,950
40	33	96 995	29 734,465	656 785,356	22,088	21,625
41	34	96 835	28 820,837	627 050,891	21,757	21,294
42	35	96 661	27 931,204	598 230,055	21,418	20,955
43	36	96 475	27 065,431	570 298,850	21,071	20,608
44	37	96 257	26 217,795	543 233,420	20,720	20,257
45	38	96 015	25 389,973	517 015,625	20,363	19,900
46	39	95 749	24 582,166	491 625,652	19,999	19,536
47	40	95 449	23 791,398	467 043,486	19,631	19,168
48	41	95 106	23 015,501	443 252,089	19,259	18,796
49	42	94 725	22 255,627	420 236,588	18,882	18,419

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
50	43	94 301	21 510,804	397 980,961	18,501	18,038
51	44	93 828	20 779,424	376 470,157	18,117	17,654
52	45	93 279	20 056,202	355 690,733	17,735	17,271
53	46	92 694	19 349,972	335 634,531	17,345	16,882
54	47	92 053	18 656,359	316 284,559	16,953	16,490
55	48	91 333	17 971,365	297 628,200	16,561	16,098
56	49	90 555	17 299,226	279 656,835	16,166	15,703
57	50	89 710	16 638,633	262 357,610	15,768	15,305
58	51	88 792	15 988,750	245 718,977	15,368	14,905
59	52	87 796	15 348,897	229 730,227	14,967	14,504
60	53	86 719	14 719,112	214 381,331	14,565	14,102
61	54	85 560	14 099,378	199 662,219	14,161	13,698
62	55	84 335	13 492,684	185 562,841	13,753	13,290
63	56	83 028	12 896,789	172 070,157	13,342	12,879
64	57	81 669	12 316,209	159 173,368	12,924	12,461
65	58	80 196	11 741,817	146 857,159	12,507	12,044
66	59	78 640	11 178,611	135 115,342	12,087	11,624
67	60	76 974	10 623,099	123 936,731	11,667	11,203
68	61	75 190	10 074,688	113 313,632	11,247	10,784
69	62	73 327	9 538,821	103 238,944	10,823	10,360
70	63	71 338	9 009,850	93 700,122	10,400	9,937
71	64	69 244	8 490,667	84 690,272	9,975	9,511
72	65	67 022	7 978,802	76 199,605	9,550	9,087
73	66	64 696	7 477,557	68 220,803	9,123	8,660
74	67	62 228	6 982,814	60 743,246	8,699	8,236
75	68	59 571	6 490,014	53 760,432	8,284	7,820
76	69	56 784	6 006,195	47 270,418	7,870	7,407
77	70	53 843	5 529,214	41 264,224	7,463	7,000
78	71	50 730	5 057,846	35 735,009	7,065	6,602
79	72	47 432	4 591,262	30 677,163	6,682	6,218
80	73	43 994	4 134,455	26 085,901	6,309	5,846
81	74	40 463	3 691,883	21 951,447	5,946	5,483
82	75	36 818	3 261,384	18 259,564	5,599	5,135
83	76	33 133	2 849,555	14 998,180	5,263	4,800
84	77	29 481	2 461,562	12 148,625	4,935	4,472
85	78	25 849	2 095,452	9 687,062	4,623	4,160
86	79	22 302	1 755,258	7 591,610	4,325	3,862
87	80	18 894	1 443,693	5 836,353	4,043	3,579
88	81	15 656	1 161,453	4 392,659	3,782	3,319
89	82	12 699	914,682	3 231,206	3,533	3,069
90	83	9 992	698,721	2 316,524	3,315	2,852
91	84	7 717	523,925	1 617,803	3,088	2,625
92	85	5 729	377,589	1 093,879	2,897	2,434
93	86	4 118	263,505	716,289	2,718	2,255
94	87	2 854	177,348	452,784	2,553	2,090
95	88	1 900	114,609	275,435	2,403	1,940
96	89	1 212	71,008	160,827	2,265	1,802
97	90	736	41,856	89,819	2,146	1,683
98	91	427	23,597	47,963	2,033	1,569
99	92	234	12,556	24,366	1,941	1,477
100	93	123	6,382	11,810	1,851	1,387

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	42	94 385	21 529,968	400 092,835	18,583	18,120
1							51	43	93 924	20 800,723	378 562,867	18,200	17,736
2							52	44	93 384	20 078,753	357 762,145	17,818	17,355
3							53	45	92 812	19 374,563	337 683,391	17,429	16,966
4							54	46	92 183	18 682,685	318 308,828	17,038	16,574
5							55	47	91 483	18 000,798	299 626,143	16,645	16,182
6							56	48	90 715	17 329,872	281 625,345	16,251	15,788
7							57	49	89 895	16 672,940	264 295,473	15,852	15,389
8	0	99 505	78 550,399	2 294 160,371	29,206	28,743	58	50	88 988	16 024,051	247 622,534	15,453	14,990
9	1	99 183	76 015,759	2 215 609,972	29,147	28,683	59	51	88 011	15 386,544	231 598,483	15,052	14,589
10	2	99 149	73 776,433	2 139 594,213	29,001	28,538	60	52	86 958	14 759,633	216 211,939	14,649	14,186
11	3	99 126	71 610,536	2 065 817,780	28,848	28,385	61	53	85 818	14 141,896	201 452,306	14,245	13,782
12	4	99 106	69 511,058	1 994 207,245	28,689	28,226	62	54	84 605	13 535,880	187 310,410	13,838	13,375
13	5	99 083	67 470,912	1 924 696,187	28,526	28,063	63	55	83 324	12 942,647	173 774,530	13,427	12,963
14	6	99 062	65 491,855	1 857 225,275	28,358	27,895	64	56	81 979	12 362,844	160 831,883	13,009	12,546
15	7	99 039	63 569,245	1 791 733,419	28,186	27,722	65	57	80 518	11 788,932	148 469,039	12,594	12,131
16	8	99 013	61 701,430	1 728 164,174	28,008	27,545	66	58	78 989	11 228,153	136 680,107	12,173	11,710
17	9	98 980	59 884,334	1 666 462,744	27,828	27,365	67	59	77 339	10 673,500	125 451,954	11,754	11,290
18	10	98 939	58 116,423	1 606 578,410	27,644	27,181	68	60	75 598	10 129,279	114 778,454	11,331	10,868
19	11	98 885	56 392,543	1 548 461,987	27,459	26,995	69	61	73 751	9 593,955	104 649,175	10,908	10,445
20	12	98 828	54 718,910	1 492 069,444	27,268	26,805	70	62	71 791	9 067,042	95 055,220	10,484	10,020
21	13	98 767	53 092,306	1 437 350,534	27,073	26,609	71	63	69 714	8 548,264	85 988,178	10,059	9,596
22	14	98 705	51 513,458	1 384 258,228	26,872	26,409	72	64	67 518	8 037,875	77 439,914	9,634	9,171
23	15	98 642	49 981,072	1 332 744,770	26,665	26,202	73	65	65 205	7 536,416	69 402,039	9,209	8,746
24	16	98 578	48 493,843	1 282 763,698	26,452	25,989	74	66	62 765	7 043,062	61 865,624	8,784	8,321
25	17	98 508	47 047,816	1 234 269,854	26,234	25,771	75	67	60 120	6 549,829	54 822,561	8,370	7,907
26	18	98 438	45 645,071	1 187 222,038	26,010	25,547	76	68	57 341	6 065,091	48 272,732	7,959	7,496
27	19	98 358	44 279,737	1 141 576,968	25,781	25,318	77	69	54 421	5 588,573	42 207,642	7,552	7,089
28	20	98 276	42 953,952	1 097 297,231	25,546	25,083	78	70	51 326	5 117,230	36 619,068	7,156	6,693
29	21	98 195	41 668,554	1 054 343,279	25,303	24,840	79	71	48 051	4 651,155	31 501,838	6,773	6,310
30	22	98 110	40 419,843	1 012 674,725	25,054	24,591	80	72	44 641	4 195,191	26 850,683	6,400	5,937
31	23	98 025	39 208,657	972 254,883	24,797	24,334	81	73	41 132	3 752,910	22 655,491	6,037	5,574
32	24	97 932	38 030,792	933 046,226	24,534	24,071	82	74	37 516	3 323,221	18 902,582	5,688	5,225
33	25	97 841	36 888,499	895 015,434	24,263	23,799	83	75	33 860	2 912,042	15 579,360	5,350	4,887
34	26	97 744	35 778,866	858 126,935	23,984	23,521	84	76	30 221	2 523,367	12 667,319	5,020	4,557
35	27	97 644	34 700,996	822 348,069	23,698	23,235	85	77	26 586	2 155,202	10 143,952	4,707	4,244
36	28	97 536	33 652,945	787 647,072	23,405	22,942	86	78	23 041	1 813,411	7 988,750	4,405	3,942
37	29	97 425	32 635,727	753 994,128	23,103	22,640	87	79	19 605	1 498,083	6 175,339	4,122	3,659
38	30	97 305	31 646,024	721 358,400	22,795	22,331	88	80	16 338	1 212,076	4 677,257	3,859	3,396
39	31	97 170	30 681,838	689 712,376	22,480	22,016	89	81	13 334	960,387	3 465,181	3,608	3,145
40	32	97 029	29 745,009	659 030,538	22,156	21,693	90	82	10 575	739,500	2 504,794	3,387	2,924
41	33	96 871	28 831,379	629 285,529	21,826	21,363	91	83	8 233	558,979	1 765,293	3,158	2,695
42	34	96 702	27 943,074	600 454,151	21,488	21,025	92	84	6 175	407,023	1 206,314	2,964	2,501
43	35	96 514	27 076,200	572 511,077	21,144	20,681	93	85	4 489	287,279	799,291	2,782	2,319
44	36	96 303	26 230,260	545 434,876	20,794	20,331	94	86	3 151	195,797	512,012	2,615	2,152
45	37	96 066	25 403,530	519 204,617	20,438	19,975	95	87	2 131	128,527	316,215	2,460	1,997
46	38	95 802	24 595,859	493 801,087	20,077	19,613	96	88	1 381	80,901	187,688	2,320	1,857
47	39	95 512	23 807,147	469 205,228	19,709	19,245	97	89	858	48,756	106,787	2,190	1,727
48	40	95 173	23 031,766	445 398,080	19,338	18,875	98	90	506	27,918	58,030	2,079	1,615
49	41	94 801	22 273,479	422 366,314	18,963	18,500	99	91	285	15,269	30,112	1,972	1,509
							100	92	151	7,871	14,843	1,886	1,423

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß 3,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	41	94 461	21 547,238	402 028,700	18,658	18,195
1							51	42	94 008	20 819,253	380 481,463	18,275	17,812
2							52	43	93 480	20 099,334	359 662,209	17,894	17,431
3							53	44	92 917	19 396,348	339 562,876	17,507	17,043
4							54	45	92 300	18 706,428	320 166,527	17,115	16,652
5							55	46	91 612	18 026,199	301 460,100	16,723	16,260
6							56	47	90 864	17 358,255	283 433,901	16,328	15,865
7							57	48	90 054	16 702,477	266 075,646	15,930	15,467
8							58	49	89 171	16 057,091	249 373,169	15,530	15,067
9	0	99 497	76 256,171	2 218 135,074	29,088	28,625	59	50	88 205	15 420,516	233 316,078	15,130	14,667
10	1	99 176	73 795,912	2 141 878,903	29,024	28,561	60	51	87 171	14 795,835	217 895,563	14,727	14,264
11	2	99 140	71 621,203	2 068 082,991	28,875	28,412	61	52	86 054	14 180,828	203 099,728	14,322	13,859
12	3	99 117	69 518,826	1 996 461,788	28,718	28,255	62	53	84 860	13 576,699	188 918,900	13,915	13,452
13	4	99 095	67 478,954	1 926 942,962	28,556	28,093	63	54	83 590	12 984,082	175 342,201	13,504	13,041
14	5	99 072	65 498,475	1 859 464,008	28,389	27,926	64	55	82 270	12 406,803	162 358,119	13,086	12,623
15	6	99 047	63 574,782	1 793 965,533	28,218	27,755	65	56	80 823	11 833,571	149 951,316	12,672	12,208
16	7	99 021	61 706,726	1 730 390,751	28,042	27,579	66	57	79 306	11 273,207	138 117,745	12,252	11,789
17	8	98 987	59 888,744	1 668 684,025	27,863	27,400	67	58	77 682	10 720,803	126 844,538	11,832	11,368
18	9	98 946	58 120,433	1 608 795,281	27,680	27,217	68	59	75 957	10 177,336	116 123,735	11,410	10,947
19	10	98 892	56 396,546	1 550 674,848	27,496	27,033	69	60	74 150	9 645,940	105 946,398	10,984	10,520
20	11	98 836	54 723,286	1 494 278,302	27,306	26,843	70	61	72 206	9 119,449	96 300,458	10,560	10,097
21	12	98 775	53 096,580	1 439 555,016	27,112	26,649	71	62	70 157	8 602,526	87 181,009	10,134	9,671
22	13	98 714	51 518,073	1 386 458,435	26,912	26,449	72	63	67 976	8 092,401	78 578,483	9,710	9,247
23	14	98 653	49 986,490	1 334 940,363	26,706	26,243	73	64	65 688	7 592,214	70 486,083	9,284	8,821
24	15	98 590	48 499,944	1 284 953,873	26,494	26,031	74	65	63 259	7 098,501	62 893,869	8,860	8,397
25	16	98 523	47 055,056	1 236 453,929	26,277	25,814	75	66	60 639	6 606,341	55 795,368	8,446	7,983
26	17	98 454	45 652,396	1 189 398,872	26,053	25,590	76	67	57 870	6 120,989	49 189,027	8,036	7,573
27	18	98 381	44 289,854	1 143 746,476	25,824	25,361	77	68	54 955	5 643,374	43 068,038	7,632	7,168
28	19	98 296	42 962,825	1 099 456,622	25,591	25,128	78	69	51 877	5 172,166	37 424,663	7,236	6,773
29	20	98 216	41 677,806	1 056 493,797	25,349	24,886	79	70	48 615	4 705,765	32 252,497	6,854	6,391
30	21	98 130	40 428,304	1 014 815,991	25,102	24,638	80	71	45 223	4 249,918	27 546,733	6,482	6,018
31	22	98 047	39 217,455	974 387,687	24,846	24,383	81	72	41 737	3 808,041	23 296,814	6,118	5,655
32	23	97 955	38 039,487	935 170,233	24,584	24,121	82	73	38 136	3 378,154	19 488,773	5,769	5,306
33	24	97 860	36 895,957	897 130,746	24,315	23,852	83	74	34 502	2 967,255	16 110,619	5,429	4,966
34	25	97 766	35 786,739	860 234,789	24,038	23,575	84	75	30 884	2 578,700	13 143,364	5,097	4,634
35	26	97 667	34 709,211	824 448,050	23,753	23,290	85	76	27 253	2 209,314	10 564,663	4,782	4,319
36	27	97 562	33 661,988	789 738,840	23,461	22,998	86	77	23 698	1 865,119	8 355,349	4,480	4,017
37	28	97 450	32 643,982	756 076,852	23,161	22,698	87	78	20 255	1 547,715	6 490,230	4,193	3,730
38	29	97 333	31 655,107	723 432,869	22,854	22,390	88	79	16 954	1 257,739	4 942,515	3,930	3,466
39	30	97 198	30 690,524	691 777,763	22,540	22,077	89	80	13 915	1 002,246	3 684,776	3,677	3,213
40	31	97 059	29 753,995	661 087,238	22,218	21,755	90	81	11 104	776,452	2 682,529	3,455	2,992
41	32	96 905	28 841,602	631 333,243	21,890	21,426	91	82	8 714	591,603	1 906,078	3,222	2,759
42	33	96 738	27 953,295	602 491,641	21,554	21,090	92	83	6 588	434,256	1 314,475	3,027	2,564
43	34	96 555	27 087,707	574 538,346	21,210	20,747	93	84	4 839	309,673	880,218	2,842	2,379
44	35	96 341	26 240,697	547 450,640	20,863	20,399	94	85	3 436	213,462	570,545	2,673	2,210
45	36	96 112	25 415,608	521 209,943	20,507	20,044	95	86	2 352	141,897	357,083	2,516	2,053
46	37	95 853	24 608,992	495 794,335	20,147	19,684	96	87	1 549	90,726	215,186	2,372	1,909
47	38	95 565	23 820,408	471 185,342	19,781	19,318	97	88	977	55,549	124,460	2,241	1,777
48	39	95 236	23 047,013	447 364,934	19,411	18,948	98	89	589	32,521	68,911	2,119	1,656
49	40	94 868	22 289,221	424 317,921	19,037	18,574	99	90	337	18,065	36,390	2,014	1,551
							100	91	184	9,572	18,325	1,914	1,451

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10	0	99 489	74 029,303	2 144 208,433	28,964	28,501
11	1	99 167	71 640,114	2 070 179,130	28,897	28,434
12	2	99 132	69 529,181	1 998 539,016	28,744	28,281
13	3	99 106	67 486,494	1 929 009,835	28,584	28,120
14	4	99 084	65 506,282	1 861 523,340	28,417	27,954
15	5	99 057	63 581,208	1 796 017,058	28,248	27,784
16	6	99 030	61 712,101	1 732 435,849	28,073	27,610
17	7	98 995	59 893,885	1 670 723,749	27,895	27,432
18	8	98 953	58 124,713	1 610 829,864	27,713	27,250
19	9	98 899	56 400,436	1 552 705,151	27,530	27,067
20	10	98 843	54 727,170	1 496 304,714	27,341	26,878
21	11	98 783	53 100,827	1 441 577,544	27,148	26,685
22	12	98 722	51 522,220	1 388 476,717	26,949	26,486
23	13	98 661	49 990,968	1 336 954,497	26,744	26,281
24	14	98 601	48 505,202	1 286 963,529	26,532	26,069
25	15	98 535	47 060,976	1 238 458,328	26,316	25,853
26	16	98 469	45 659,422	1 191 397,351	26,093	25,630
27	17	98 396	44 296,962	1 145 737,929	25,865	25,402
28	18	98 318	42 972,641	1 101 440,967	25,631	25,168
29	19	98 237	41 686,416	1 058 468,327	25,391	24,928
30	20	98 152	40 437,280	1 016 781,911	25,145	24,681
31	21	98 067	39 225,664	976 344,630	24,890	24,427
32	22	97 977	38 048,022	937 118,966	24,630	24,167
33	23	97 883	36 904,392	899 070,944	24,362	23,899
34	24	97 786	35 793,974	862 166,551	24,087	23,624
35	25	97 688	34 716,848	826 372,578	23,803	23,340
36	26	97 585	33 669,957	791 655,730	23,512	23,049
37	27	97 476	32 652,754	757 985,773	23,214	22,750
38	28	97 357	31 663,114	725 333,019	22,908	22,445
39	29	97 226	30 699,332	693 669,905	22,596	22,132
40	30	97 086	29 762,419	662 970,573	22,275	21,812
41	31	96 934	28 850,316	633 208,154	21,948	21,485
42	32	96 772	27 963,207	604 357,838	21,613	21,149
43	33	96 590	27 097,614	576 394,631	21,271	20,808
44	34	96 382	26 251,848	549 297,017	20,924	20,461
45	35	96 150	25 425,721	523 045,169	20,571	20,108
46	36	95 899	24 620,692	497 619,448	20,211	19,748
47	37	95 616	23 833,128	472 998,755	19,846	19,383
48	38	95 289	23 059,851	449 165,627	19,478	19,015
49	39	94 931	22 303,976	426 105,777	19,104	18,641
50	40	94 528	21 562,466	403 801,801	18,727	18,264
51	41	94 083	20 835,953	382 239,335	18,345	17,882
52	42	93 563	20 117,240	361 403,382	17,965	17,502
53	43	93 012	19 416,229	341 286,142	17,577	17,114
54	44	92 404	18 727,462	321 869,913	17,187	16,724
55	45	91 728	18 049,107	303 142,451	16,795	16,332
56	46	90 992	17 382,749	285 093,344	16,401	15,938
57	47	90 201	16 729,832	267 710,595	16,002	15,539
58	48	89 329	16 085,537	250 980,763	15,603	15,140
59	49	88 387	15 452,311	234 895,226	15,201	14,738
60	50	87 364	14 828,502	219 442,915	14,799	14,336
61	51	86 265	14 215,610	204 614,413	14,394	13,930
62	52	85 093	13 614,075	190 398,802	13,985	13,522
63	53	83 842	13 023,237	176 784,728	13,575	13,111
64	54	82 534	12 446,523	163 761,491	13,157	12,694
65	55	81 110	11 875,648	151 314,968	12,742	12,278
66	56	79 606	11 315,893	139 439,320	12,322	11,859
67	57	77 994	10 763,821	128 123,427	11,903	11,440
68	58	76 293	10 222,441	117 359,605	11,481	11,017
69	59	74 502	9 691,705	107 137,164	11,055	10,591
70	60	72 597	9 168,863	97 445,459	10,628	10,165
71	61	70 562	8 652,248	88 276,596	10,203	9,740
72	62	68 408	8 143,769	79 624,349	9,777	9,314
73	63	66 134	7 643,716	71 480,580	9,352	8,888
74	64	63 727	7 151,057	63 836,864	8,927	8,464
75	65	61 116	6 658,342	56 685,807	8,514	8,050
76	66	58 369	6 173,802	50 027,465	8,103	7,640
77	67	55 461	5 695,386	43 853,663	7,700	7,237
78	68	52 386	5 222,884	38 158,277	7,306	6,843
79	69	49 137	4 756,283	32 935,393	6,925	6,461
80	70	45 754	4 299,817	28 179,110	6,554	6,090
81	71	42 281	3 857,718	23 879,293	6,190	5,727
82	72	38 696	3 427,781	20 021,575	5,841	5,378
83	73	35 072	3 016,304	16 593,795	5,501	5,038
84	74	31 469	2 627,593	13 577,491	5,167	4,704
85	75	27 851	2 257,761	10 949,898	4,850	4,387
86	76	24 293	1 911,948	8 692,136	4,546	4,083
87	77	20 832	1 591,847	6 780,189	4,259	3,796
88	78	17 515	1 299,409	5 188,342	3,993	3,530
89	79	14 439	1 040,005	3 888,933	3,739	3,276
90	80	11 588	810,294	2 848,928	3,516	3,053
91	81	9 149	621,164	2 038,634	3,282	2,819
92	82	6 973	459,601	1 417,469	3,084	2,621
93	83	5 163	330,393	957,869	2,899	2,436
94	84	3 704	230,102	627,476	2,727	2,264
95	85	2 565	154,699	397,374	2,569	2,105
96	86	1 710	100,163	242,675	2,423	1,960
97	87	1 096	62,295	142,511	2,288	1,824
98	88	671	37,052	80,216	2,165	1,702
99	89	393	21,043	43,165	2,051	1,588
100	90	218	11,325	22,121	1,953	1,490

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11	0	99 480	71 866 687	2 072 328 514	28,836	28,373
12	1	99 158	69 547 539	2 000 461 827	28,764	28,301
13	2	99 121	67 496 548	1 930 914 288	28,608	28,144
14	3	99 095	65 513 602	1 863 417 740	28,443	27,980
15	4	99 069	63 588 787	1 797 904 138	28,274	27,811
16	5	99 040	61 718 339	1 734 315 351	28,100	27,637
17	6	99 004	59 899 101	1 672 597 012	27,924	27,460
18	7	98 962	58 129 703	1 612 697 911	27,743	27,280
19	8	98 906	56 404 590	1 554 568 208	27,561	27,098
20	9	98 850	54 730 946	1 498 163 618	27,373	26,910
21	10	98 790	53 104 596	1 443 432 672	27,181	26,718
22	11	98 730	51 526 340	1 390 328 077	26,983	26,520
23	12	98 669	49 994 992	1 338 801 736	26,779	26,315
24	13	98 610	48 509 547	1 288 806 744	26,568	26,105
25	14	98 546	47 066 078	1 240 297 197	26,352	25,889
26	15	98 481	45 665 166	1 193 231 119	26,130	25,667
27	16	98 411	44 303 779	1 147 565 953	25,902	25,439
28	17	98 334	42 979 538	1 103 262 174	25,669	25,206
29	18	98 259	41 695 940	1 060 282 636	25,429	24,966
30	19	98 172	40 445 634	1 018 586 696	25,184	24,721
31	20	98 089	39 234 374	978 141 062	24,931	24,467
32	21	97 997	38 055 987	938 906 689	24,672	24,208
33	22	97 905	36 912 673	900 850 702	24,405	23,942
34	23	97 808	35 802 158	863 938 028	24,131	23,668
35	24	97 708	34 723 867	828 135 871	23,849	23,386
36	25	97 606	33 677 365	793 412 004	23,559	23,096
37	26	97 499	32 660 484	759 734 639	23,262	22,798
38	27	97 383	31 671 622	727 074 155	22,957	22,493
39	28	97 250	30 707 097	695 402 533	22,646	22,183
40	29	97 114	29 770 961	664 695 436	22,327	21,864
41	30	96 962	28 858 484	634 924 475	22,001	21,538
42	31	96 801	27 971 655	606 065 991	21,667	21,204
43	32	96 624	27 107 223	578 094 336	21,326	20,863
44	33	96 418	26 261 450	550 987 113	20,981	20,518
45	34	96 191	25 436 526	524 725 663	20,629	20,166
46	35	95 937	24 630 489	499 289 137	20,271	19,808
47	36	95 661	23 844 459	474 658 648	19,906	19,443
48	37	95 340	23 072 164	450 814 189	19,539	19,076
49	38	94 983	22 316 400	427 742 025	19,167	18,704
50	39	94 590	21 576 740	405 425 625	18,790	18,327
51	40	94 150	20 850 679	383 848 885	18,409	17,946
52	41	93 638	20 133 377	362 998 207	18,030	17,566
53	42	93 095	19 433 527	342 864 830	17,643	17,180
54	43	92 498	18 746 657	323 431 303	17,253	16,790
55	44	91 831	18 069 402	304 684 646	16,862	16,399
56	45	91 108	17 404 840	286 615 244	16,468	16,004
57	46	90 329	16 753 439	269 210 404	16,069	15,606
58	47	89 476	16 111 882	252 456 965	15,669	15,206
59	48	88 544	15 479 686	236 345 083	15,268	14,805
60	49	87 544	14 859 077	220 865 397	14,864	14,401
61	50	86 456	14 246 997	206 006 320	14,460	13,996
62	51	85 302	13 647 467	191 759 324	14,051	13,588
63	52	84 073	13 059 089	178 111 857	13,639	13,176
64	53	82 782	12 484 057	165 052 768	13,221	12,758
65	54	81 370	11 913 667	152 568 711	12,806	12,343
66	55	79 889	11 356 130	140 655 044	12,386	11,923
67	56	78 289	10 804 578	129 298 914	11,967	11,504
68	57	76 599	10 263 459	118 494 335	11,545	11,082
69	58	74 832	9 734 657	108 230 876	11,118	10,655
70	59	72 942	9 212 364	98 496 219	10,692	10,229
71	60	70 945	8 699 130	89 283 855	10,264	9,800
72	61	68 803	8 190 839	80 584 724	9,838	9,375
73	62	66 553	7 692 236	72 393 885	9,411	8,948
74	63	64 160	7 199 567	64 701 649	8,987	8,524
75	64	61 569	6 707 639	57 502 083	8,573	8,109
76	65	58 828	6 222 398	50 794 444	8,163	7,700
77	66	55 940	5 744 526	44 572 046	7,759	7,296
78	67	52 869	5 271 020	38 827 519	7,366	6,903
79	68	49 619	4 802 923	33 556 499	6,987	6,523
80	69	46 245	4 345 977	28 753 576	6,616	6,153
81	70	42 777	3 903 011	24 407 599	6,254	5,790
82	71	39 201	3 472 497	20 504 587	5,905	5,442
83	72	35 588	3 060 614	17 032 091	5,565	5,102
84	73	31 989	2 671 028	13 971 476	5,231	4,768
85	74	28 379	2 300 569	11 300 449	4,912	4,449
86	75	24 825	1 953 874	8 999 880	4,606	4,143
87	76	21 355	1 631 815	7 046 006	4,318	3,855
88	77	18 015	1 336 461	5 414 191	4,051	3,588
89	78	14 918	1 074 461	4 077 730	3,795	3,332
90	79	12 024	840 821	3 003 270	3,572	3,109
91	80	9 548	648 238	2 162 449	3,336	2,873
92	81	7 321	482 566	1 514 210	3,138	2,675
93	82	5 464	349 675	1 031 644	2,950	2,487
94	83	3 951	245 497	681 969	2,778	2,315
95	84	2 765	166 758	436 471	2,617	2,154
96	85	1 865	109 200	269 713	2,470	2,007
97	86	1 210	68 775	160 513	2,334	1,871
98	87	753	41 551	91 737	2,208	1,745
99	88	447	23 975	50 186	2,093	1,630
100	89	254	13 192	26 211	1,987	1,524

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12	0	99 472	69 767,495	2 002 445,499	28,702	28,238
13	1	99 147	67 514,369	1 932 678,004	28,626	28,163
14	2	99 110	65 523,362	1 865 163,635	28,466	28,002
15	3	99 080	63 595,893	1 799 640,273	28,298	27,835
16	4	99 052	61 725,695	1 736 044,381	28,125	27,662
17	5	99 014	59 905,156	1 674 318,686	27,949	27,486
18	6	98 971	58 134,765	1 614 413,529	27,770	27,307
19	7	98 914	56 409,432	1 556 278,764	27,589	27,126
20	8	98 857	54 734,977	1 499 869,332	27,402	26,939
21	9	98 797	53 108,259	1 445 134,355	27,211	26,748
22	10	98 737	51 529,998	1 392 026,096	27,014	26,551
23	11	98 677	49 998,991	1 340 496,099	26,810	26,347
24	12	98 618	48 513,452	1 290 497,108	26,601	26,138
25	13	98 555	47 070,294	1 241 983,656	26,386	25,922
26	14	98 492	45 670,117	1 194 913,362	26,164	25,701
27	15	98 424	44 309,353	1 149 243,245	25,937	25,474
28	16	98 349	42 986,152	1 104 933,892	25,704	25,241
29	17	98 275	41 702,632	1 061 947,740	25,465	25,002
30	18	98 195	40 454,874	1 020 245,109	25,219	24,756
31	19	98 109	39 242,479	979 790,234	24,968	24,504
32	20	98 019	38 064,437	940 547,755	24,709	24,246
33	21	97 925	36 920,400	902 483,318	24,444	23,981
34	22	97 830	35 810,191	865 562,918	24,171	23,708
35	23	97 731	34 731,806	829 752,727	23,890	23,427
36	24	97 626	33 684,174	795 020,921	23,602	23,139
37	25	97 520	32 667,670	761 336,748	23,306	22,842
38	26	97 406	31 679,120	728 669,078	23,002	22,538
39	27	97 276	30 715,349	696 989,958	22,692	22,229
40	28	97 139	29 778,491	666 274,609	22,374	21,911
41	29	96 989	28 866,766	636 496,118	22,049	21,586
42	30	96 829	27 979,574	607 629,352	21,717	21,254
43	31	96 653	27 115,413	579 649,778	21,377	20,914
44	32	96 452	26 270,762	552 534,365	21,032	20,569
45	33	96 226	25 445,830	526 263,603	20,682	20,218
46	34	95 978	24 640,956	500 817,773	20,325	19,861
47	35	95 700	23 853,947	476 176,817	19,962	19,499
48	36	95 385	23 083,133	452 322,870	19,595	19,132
49	37	95 034	22 328,316	429 239,736	19,224	18,761
50	38	94 643	21 588,758	406 911,420	18,848	18,385
51	39	94 212	20 864,482	385 322,662	18,468	18,005
52	40	93 704	20 147,605	364 458,180	18,089	17,626
53	41	93 169	19 449,115	344 310,575	17,703	17,240
54	42	92 581	18 763,358	324 861,460	17,314	16,850
55	43	91 926	18 087,923	306 098,102	16,923	16,460
56	44	91 210	17 424,410	288 010,179	16,529	16,066
57	45	90 443	16 774,731	270 585,768	16,131	15,667
58	46	89 602	16 134,617	253 811,038	15,731	15,268
59	47	88 689	15 505,038	237 676,421	15,329	14,866
60	48	87 699	14 885,401	222 171,382	14,925	14,462
61	49	86 634	14 276,372	207 285,982	14,520	14,056
62	50	85 490	13 677,599	193 009,609	14,111	13,648
63	51	84 280	13 091,120	179 332,010	13,699	13,236
64	52	83 010	12 518,424	166 240,890	13,280	12,816
65	53	81 616	11 949,594	153 722,466	12,864	12,401
66	54	80 145	11 392,486	141 772,872	12,444	11,981
67	55	78 568	10 842,997	130 380,386	12,024	11,561
68	56	76 889	10 302,322	119 537,389	11,603	11,140
69	57	75 133	9 773,719	109 235,067	11,176	10,713
70	58	73 265	9 253,192	99 461,348	10,749	10,286
71	59	71 281	8 740,403	90 208,156	10,321	9,858
72	60	69 176	8 235,222	81 467,754	9,893	9,429
73	61	66 938	7 736,697	73 232,532	9,466	9,002
74	62	64 567	7 245,267	65 495,835	9,040	8,577
75	63	61 987	6 753,141	58 250,568	8,626	8,162
76	64	59 264	6 268,467	51 497,428	8,215	7,752
77	65	56 380	5 789,744	45 228,960	7,812	7,349
78	66	53 325	5 316,499	39 439,217	7,418	6,955
79	67	50 076	4 847,189	34 122,718	7,040	6,576
80	68	46 699	4 388,593	29 275,529	6,671	6,208
81	69	43 237	3 944,912	24 886,935	6,309	5,845
82	70	39 661	3 513,267	20 942,023	5,961	5,498
83	71	36 052	3 100,541	17 428,756	5,621	5,158
84	72	32 459	2 710,266	14 328,215	5,287	4,823
85	73	28 848	2 338,598	11 617,949	4,968	4,505
86	74	25 296	1 990,920	9 279,352	4,661	4,198
87	75	21 824	1 667,598	7 288,432	4,371	3,907
88	76	18 467	1 370,016	5 620,834	4,103	3,640
89	77	15 343	1 105,098	4 250,817	3,847	3,383
90	78	12 423	868,678	3 145,719	3,621	3,158
91	79	9 908	672,660	2 277,041	3,385	2,922
92	80	7 640	503,599	1 604,381	3,186	2,723
93	81	5 737	367,148	1 100,782	2,998	2,535
94	82	4 182	259,825	733,634	2,824	2,360
95	83	2 950	177,916	473,809	2,663	2,200
96	84	2 010	117,713	295,893	2,514	2,050
97	85	1 319	74,980	178,180	2,376	1,913
98	86	831	45,874	103,200	2,250	1,786
99	87	502	26,887	57,326	2,132	1,669
100	88	289	15,030	30,439	2,025	1,562

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß 3,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	37	94 694	21 600,286	408 271,295	18,901	18,438
1							51	38	94 264	20 876,104	386 671,009	18,522	18,059
2							52	39	93 766	20 160,943	365 794,905	18,144	17,681
3							53	40	93 235	19 462,860	345 633,962	17,759	17,295
4							54	41	92 655	18 778,409	326 171,102	17,369	16,906
5							55	42	92 007	18 104,037	307 392,693	16,979	16,516
6							56	43	91 304	17 442,270	289 288,656	16,585	16,122
7							57	44	90 545	16 793,592	271 846,386	16,188	15,724
8							58	45	89 716	16 155,122	255 052,793	15,788	15,325
9							59	46	88 814	15 526,918	238 897,672	15,386	14,923
10							60	47	87 843	14 909,780	223 370,754	14,981	14,518
11							61	48	86 788	14 301,664	208 460,974	14,576	14,113
12							62	49	85 667	13 705,801	194 159,310	14,166	13,703
13	0	99 461	67 727,894	1 934 509,385	28,563	28,100	63	50	84 466	13 120,024	180 453,510	13,754	13,291
14	1	99 136	65 540,662	1 866 781,491	28,483	28,020	64	51	83 214	12 549,130	167 333,486	13,334	12,871
15	2	99 095	63 605,366	1 801 240,829	28,319	27,856	65	52	81 840	11 982,491	154 784,356	12,918	12,454
16	3	99 063	61 732,593	1 737 635,463	28,148	27,685	66	53	80 386	11 426,841	142 801,866	12,497	12,034
17	4	99 026	59 912,297	1 675 902,870	27,973	27,509	67	54	78 819	10 877,710	131 375,025	12,077	11,614
18	5	98 981	58 140,642	1 615 990,573	27,795	27,331	68	55	77 163	10 338,955	120 497,315	11,655	11,191
19	6	98 923	56 414,345	1 557 849,931	27,614	27,151	69	56	75 417	9 810,727	110 158,360	11,228	10,765
20	7	98 866	54 739,675	1 501 435,587	27,429	26,965	70	57	73 559	9 290,321	100 347,634	10,801	10,338
21	8	98 804	53 112,171	1 446 695,912	27,239	26,775	71	58	71 597	8 779,139	91 057,312	10,372	9,909
22	9	98 744	51 533,553	1 393 583,741	27,042	26,579	72	59	69 504	8 274,293	82 278,173	9,944	9,481
23	10	98 684	50 002,539	1 342 050,189	26,840	26,376	73	60	67 301	7 778,618	74 003,880	9,514	9,051
24	11	98 626	48 517,332	1 292 047,649	26,631	26,167	74	61	64 940	7 287,144	66 225,262	9,088	8,625
25	12	98 563	47 074,083	1 243 530,317	26,416	25,953	75	62	62 380	6 796,008	58 938,118	8,672	8,209
26	13	98 501	45 674,208	1 196 456,234	26,195	25,732	76	63	59 666	6 310,990	52 142,110	8,262	7,799
27	14	98 435	44 314,156	1 150 782,026	25,969	25,505	77	64	56 798	5 832,610	45 831,120	7,858	7,395
28	15	98 362	42 991,560	1 106 467,870	25,737	25,274	78	65	53 745	5 358,347	39 998,510	7,465	7,001
29	16	98 290	41 709,050	1 063 476,310	25,497	25,034	79	66	50 508	4 889,011	34 640,163	7,085	6,622
30	17	98 210	40 461,367	1 021 767,260	25,253	24,790	80	67	47 129	4 429,041	29 751,153	6,717	6,254
31	18	98 132	39 251,444	981 305,893	25,001	24,537	81	68	43 661	3 983,595	25 322,112	6,357	5,893
32	19	98 039	38 072,300	942 054,449	24,744	24,281	82	69	40 087	3 550,984	21 338,516	6,009	5,546
33	20	97 947	36 928,598	903 982,148	24,479	24,016	83	70	36 475	3 136,944	17 787,532	5,670	5,207
34	21	97 851	35 817,687	867 053,550	24,207	23,744	84	71	32 883	2 745,622	14 650,588	5,336	4,873
35	22	97 752	34 739,599	831 235,863	23,928	23,464	85	72	29 272	2 372,953	11 904,966	5,017	4,554
36	23	97 648	33 691,875	796 496,264	23,641	23,177	86	73	25 714	2 023,830	9 532,014	4,710	4,247
37	24	97 540	32 674,275	762 804,389	23,346	22,882	87	74	22 238	1 699,216	7 508,184	4,419	3,955
38	25	97 428	31 686,090	730 130,114	23,043	22,579	88	75	18 872	1 400,059	5 808,968	4,149	3,686
39	26	97 299	30 722,620	698 444,024	22,734	22,271	89	76	15 728	1 132,845	4 408,909	3,892	3,429
40	27	97 165	29 786,493	667 721,405	22,417	21,954	90	77	12 777	893,448	3 276,064	3,667	3,204
41	28	97 014	28 874,067	637 934,911	22,094	21,630	91	78	10 236	694,946	2 382,617	3,428	2,965
42	29	96 857	27 987,604	609 060,844	21,762	21,299	92	79	7 928	522,572	1 687,671	3,230	2,766
43	30	96 681	27 123,089	581 073,240	21,424	20,960	93	80	5 987	383,151	1 165,099	3,041	2,578
44	31	96 481	26 278,699	553 950,150	21,080	20,617	94	81	4 391	272,808	781,949	2,866	2,403
45	32	96 260	25 454,853	527 671,451	20,730	20,266	95	82	3 122	188,299	509,140	2,704	2,241
46	33	96 013	24 649,969	502 216,598	20,374	19,911	96	83	2 144	125,589	320,841	2,555	2,091
47	34	95 740	23 864,084	477 566,629	20,012	19,549	97	84	1 422	80,825	195,252	2,416	1,953
48	35	95 423	23 092,319	453 702,545	19,647	19,184	98	85	906	50,012	114,427	2,288	1,825
49	36	95 079	22 338,932	430 610,226	19,276	18,813	99	86	554	29,684	64,415	2,170	1,707
							100	87	324	16,855	34,731	2,061	1,597

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	36	94 739	21 610,556	409 515,619	18,950	18,487
1							51	37	94 315	20 887,251	387 905,064	18,571	18,108
2							52	38	93 818	20 172,173	367 017,813	18,194	17,731
3							53	39	93 297	19 475,744	346 845,640	17,809	17,346
4							54	40	92 720	18 791,680	327 369,895	17,421	16,958
5							55	41	92 081	18 118,559	308 578,215	17,031	16,568
6							56	42	91 385	17 457,809	290 459,656	16,638	16,175
7							57	43	90 638	16 810,806	273 001,847	16,240	15,776
8							58	44	89 817	16 173,287	256 191,042	15,840	15,377
9							59	45	88 927	15 546,650	240 017,755	15,439	14,975
10							60	46	87 966	14 930,819	224 471,105	15,034	14,571
11							61	47	86 930	14 325,087	209 540,286	14,628	14,164
12							62	48	85 819	13 730,081	195 215,199	14,218	13,755
13							63	49	84 640	13 147,076	181 485,117	13,804	13,341
14	0	99 450	65 747,945	1 868 473,001	28,419	27,956	64	50	83 398	12 576,836	168 338,042	13,385	12,922
15	1	99 121	63 622,160	1 802 725,056	28,335	27,872	65	51	82 041	12 011,881	155 761,205	12,967	12,504
16	2	99 077	61 741,789	1 739 102,896	28,167	27,704	66	52	80 608	11 458,298	143 749,324	12,545	12,082
17	3	99 037	59 918,992	1 677 361,107	27,994	27,531	67	53	79 057	10 910,513	132 291,026	12,125	11,662
18	4	98 992	58 147,572	1 617 442,116	27,816	27,353	68	54	77 410	10 372,054	121 380,513	11,703	11,239
19	5	98 933	56 420,047	1 559 294,544	27,637	27,174	69	55	75 685	9 845,611	111 008,459	11,275	10,812
20	6	98 875	54 744,443	1 502 874,496	27,453	26,989	70	56	73 838	9 325,499	101 162,848	10,848	10,385
21	7	98 813	53 116,730	1 448 130,054	27,263	26,800	71	57	71 884	8 814,366	91 837,349	10,419	9,956
22	8	98 751	51 537,348	1 395 013,324	27,068	26,605	72	58	69 812	8 310,963	83 022,982	9,990	9,526
23	9	98 691	50 005,989	1 343 475,976	26,866	26,403	73	59	67 620	7 815,523	74 712,019	9,559	9,096
24	10	98 633	48 520,776	1 293 469,987	26,658	26,195	74	60	65 292	7 326,630	66 896,495	9,131	8,667
25	11	98 571	47 077,848	1 244 949,211	26,444	25,981	75	61	62 741	6 835,288	59 569,865	8,715	8,252
26	12	98 509	45 677,885	1 197 871,363	26,224	25,761	76	62	60 045	6 351,050	52 734,577	8,303	7,840
27	13	98 443	44 318,126	1 152 193,478	25,998	25,535	77	63	57 183	5 872,176	46 383,527	7,899	7,436
28	14	98 372	42 996,220	1 107 875,353	25,767	25,304	78	64	54 142	5 398,019	40 511,352	7,505	7,042
29	15	98 302	41 714,297	1 064 879,132	25,528	25,065	79	65	50 906	4 927,494	35 113,332	7,126	6,663
30	16	98 225	40 467,594	1 023 164,836	25,284	24,820	80	66	47 536	4 467,255	30 185,838	6,757	6,294
31	17	98 148	39 257,744	982 697,241	25,032	24,569	81	67	44 063	4 020,310	25 718,583	6,397	5,934
32	18	98 062	38 080,999	943 439,497	24,775	24,311	82	68	40 480	3 585,804	21 698,273	6,051	5,588
33	19	97 967	36 936,227	905 358,499	24,511	24,048	83	69	36 867	3 170,621	18 112,469	5,713	5,249
34	20	97 872	35 825,640	868 422,272	24,240	23,777	84	70	33 269	2 777,858	14 941,848	5,379	4,916
35	21	97 773	34 746,871	832 596,632	23,962	23,499	85	71	29 654	2 403,908	12 163,990	5,060	4,597
36	22	97 670	33 699,435	797 849,761	23,675	23,212	86	72	26 092	2 053,561	9 760,082	4,753	4,290
37	23	97 562	32 681,745	764 150,326	23,382	22,918	87	73	22 605	1 727,304	7 706,521	4,462	3,998
38	24	97 448	31 692,496	731 468,581	23,080	22,617	88	74	19 230	1 426,604	5 979,217	4,191	3,728
39	25	97 321	30 729,380	699 776,085	22,772	22,309	89	75	16 073	1 157,686	4 552,613	3,933	3,469
40	26	97 188	29 793,544	669 046,705	22,456	21,993	90	76	13 098	915,880	3 394,926	3,707	3,244
41	27	97 040	28 881,827	639 253,161	22,133	21,670	91	77	10 528	714,761	2 479,046	3,468	3,005
42	28	96 881	27 994,683	610 371,334	21,803	21,340	92	78	8 191	539,885	1 764,285	3,268	2,805
43	29	96 708	27 130,874	582 376,651	21,465	21,002	93	79	6 213	397,585	1 224,400	3,080	2,616
44	30	96 508	26 286,139	555 245,777	21,123	20,660	94	80	4 582	284,699	826,815	2,904	2,441
45	31	96 289	25 462,543	528 959,638	20,774	20,311	95	81	3 278	197,708	542,116	2,742	2,279
46	32	96 047	24 658,710	503 497,094	20,419	19,955	96	82	2 270	132,918	344,407	2,591	2,128
47	33	95 775	23 872,813	478 838,384	20,058	19,595	97	83	1 517	86,233	211,489	2,453	1,989
48	34	95 464	23 102,132	454 965,572	19,694	19,230	98	84	977	53,911	125,256	2,323	1,860
49	35	95 117	22 347,821	431 863,440	19,325	18,861	99	85	604	32,362	71,345	2,205	1,741
							100	86	358	18,609	38,983	2,095	1,632

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	35	94 776	21 619,155	410 653,438	18,995	18,532
1							51	36	94 360	20 897,181	389 034,283	18,617	18,153
2							52	37	93 869	20 182,944	368 137,101	18,240	17,777
3							53	38	93 349	19 486,593	347 954,157	17,856	17,393
4							54	39	92 782	18 804,120	328 467,564	17,468	17,005
5							55	40	92 146	18 131,364	309 663,444	17,079	16,616
6							56	41	91 458	17 471,813	291 532,080	16,686	16,223
7							57	42	90 719	16 825,782	274 060,267	16,288	15,825
8							58	43	89 909	16 189,864	257 234,485	15,889	15,425
9							59	44	89 027	15 564,131	241 044,621	15,487	15,024
10							60	45	88 078	14 949,794	225 480,490	15,083	14,619
11							61	46	87 052	14 345,301	210 530,696	14,676	14,213
12							62	47	85 959	13 752,568	196 185,395	14,265	13,802
13							63	48	84 790	13 170,367	182 432,827	13,852	13,389
14							64	49	83 570	12 602,768	169 262,460	13,431	12,967
15	0	99 435	63 823,375	1 804 288,127	28,270	27,807	65	50	82 222	12 038,402	156 659,692	13,013	12,550
16	1	99 104	61 758,091	1 740 464,752	28,182	27,719	66	51	80 805	11 486,403	144 621,290	12,591	12,127
17	2	99 052	59 927,917	1 678 706,662	28,012	27,549	67	52	79 274	10 940,549	133 134,887	12,169	11,706
18	3	99 003	58 154,070	1 618 778,744	27,836	27,373	68	53	77 643	10 403,332	122 194,338	11,746	11,282
19	4	98 945	56 426,772	1 560 624,675	27,658	27,194	69	54	75 928	9 877,131	111 791,006	11,318	10,855
20	5	98 885	54 749,976	1 504 197,902	27,474	27,011	70	55	74 100	9 358,658	101 913,875	10,890	10,427
21	6	98 821	53 121,356	1 449 447,926	27,286	26,822	71	56	72 156	8 847,742	92 555,216	10,461	9,998
22	7	98 759	51 541,772	1 396 326,570	27,091	26,628	72	57	70 092	8 344,312	83 707,475	10,032	9,568
23	8	98 698	50 009,672	1 344 784,798	26,890	26,427	73	58	67 920	7 850,161	75 363,163	9,600	9,137
24	9	98 640	48 524,123	1 294 775,126	26,683	26,220	74	59	65 602	7 361,391	67 513,002	9,171	8,708
25	10	98 578	47 081,189	1 246 251,003	26,470	26,007	75	60	63 081	6 872,325	60 151,611	8,753	8,290
26	11	98 516	45 681,538	1 199 169,814	26,251	25,787	76	61	60 392	6 387,759	53 279,286	8,341	7,878
27	12	98 451	44 321,694	1 153 488,276	26,025	25,562	77	62	57 546	5 909,450	46 891,527	7,935	7,472
28	13	98 381	43 000,072	1 109 166,582	25,795	25,331	78	63	54 510	5 434,637	40 982,077	7,541	7,078
29	14	98 313	41 718,819	1 066 166,510	25,556	25,093	79	64	51 283	4 963,976	35 547,439	7,161	6,698
30	15	98 238	40 472,685	1 024 447,692	25,312	24,849	80	65	47 910	4 502,418	30 583,463	6,793	6,329
31	16	98 163	39 263,786	983 975,006	25,061	24,597	81	66	44 443	4 054,998	26 081,045	6,432	5,969
32	17	98 077	38 087,111	944 711,221	24,804	24,341	82	67	40 853	3 618,853	22 026,048	6,086	5,623
33	18	97 990	36 944,665	906 624,110	24,540	24,077	83	68	37 228	3 201,711	18 407,195	5,749	5,286
34	19	97 892	35 833,041	869 679,445	24,270	23,807	84	69	33 626	2 807,680	15 205,483	5,416	4,952
35	20	97 795	34 754,586	833 846,404	23,992	23,529	85	70	30 002	2 432,132	12 397,803	5,098	4,634
36	21	97 691	33 706,489	799 091,818	23,707	23,244	86	71	26 432	2 080,350	9 965,671	4,790	4,327
37	22	97 584	32 689,078	765 385,328	23,414	22,951	87	72	22 937	1 752,679	7 885,321	4,499	4,036
38	23	97 470	31 699,742	732 696,250	23,114	22,650	88	73	19 548	1 450,186	6 132,642	4,229	3,766
39	24	97 340	30 735,593	700 996,508	22,807	22,344	89	74	16 378	1 179,636	4 682,456	3,969	3,506
40	25	97 209	29 800,100	670 260,915	22,492	22,029	90	75	13 385	935,964	3 502,820	3,742	3,279
41	26	97 063	28 888,664	640 460,816	22,170	21,707	91	76	10 792	732,708	2 566,856	3,503	3,040
42	27	96 907	28 002,206	611 572,152	21,840	21,377	92	77	8 424	555,279	1 834,148	3,303	2,840
43	28	96 733	27 137,736	583 569,946	21,504	21,041	93	78	6 419	410,757	1 278,869	3,113	2,650
44	29	96 536	26 293,683	556 432,210	21,162	20,699	94	79	4 755	295,425	868,111	2,939	2,475
45	30	96 316	25 469,752	530 138,527	20,814	20,351	95	80	3 420	206,326	572,687	2,776	2,312
46	31	96 076	24 666,160	504 668,774	20,460	19,997	96	81	2 383	139,560	366,361	2,625	2,162
47	32	95 809	23 881,278	480 002,615	20,100	19,636	97	82	1 605	91,266	226,801	2,485	2,022
48	33	95 499	23 110,582	456 121,337	19,736	19,273	98	83	1 042	57,518	135,535	2,356	1,893
49	34	95 158	22 357,318	433 010,755	19,368	18,905	99	84	651	34,884	78,017	2,236	1,773
							100	85	390	20,288	43,132	2,126	1,663

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	34	94 817	21 628,342	411 695,182	19,035	18,572
1							51	35	94 397	20 905,497	390 066,840	18,659	18,195
2							52	36	93 913	20 192,540	369 161,343	18,282	17,819
3							53	37	93 399	19 496,998	348 968,803	17,899	17,435
4							54	38	92 834	18 814,594	329 471,805	17,512	17,048
5							55	39	92 207	18 143,367	310 657,211	17,122	16,659
6							56	40	91 523	17 484,160	292 513,844	16,730	16,267
7							57	41	90 792	16 839,279	275 029,684	16,333	15,869
8							58	42	89 989	16 204,287	258 190,405	15,933	15,470
9							59	43	89 118	15 580,084	241 986,118	15,532	15,069
10							60	44	88 177	14 966,604	226 406,034	15,127	14,664
11							61	45	87 163	14 363,532	211 439,430	14,721	14,257
12							62	46	86 080	13 771,975	197 075,898	14,310	13,847
13							63	47	84 929	13 191,937	183 303,924	13,895	13,432
14							64	48	83 718	12 625,095	170 111,987	13,474	13,011
15							65	49	82 392	12 063,224	157 486,892	13,055	12,592
16	0	99 417	61 953,410	1 741 909,878	28,116	27,653	66	50	80 984	11 511,764	145 423,668	12,633	12,169
17	1	99 078	59 943,740	1 679 956,468	28,026	27,562	67	51	79 469	10 967,384	133 911,904	12,210	11,747
18	2	99 018	58 162,733	1 620 012,727	27,853	27,390	68	52	77 857	10 431,921	122 944,521	11,785	11,322
19	3	98 956	56 433,078	1 561 849,995	27,676	27,213	69	53	76 157	9 906,917	112 512,549	11,357	10,894
20	4	98 896	54 756,502	1 505 416,917	27,493	27,030	70	54	74 337	9 388,619	102 605,632	10,929	10,465
21	5	98 831	53 126,726	1 450 660,415	27,306	26,842	71	55	72 413	8 879,202	93 217,013	10,498	10,035
22	6	98 768	51 546,261	1 397 533,689	27,112	26,649	72	56	70 358	8 375,908	84 337,810	10,069	9,606
23	7	98 707	50 013,965	1 345 987,428	26,912	26,449	73	57	68 192	7 881,660	75 961,903	9,638	9,175
24	8	98 647	48 527,697	1 295 973,463	26,706	26,243	74	58	65 892	7 394,015	68 080,242	9,207	8,744
25	9	98 584	47 084,438	1 247 445,767	26,494	26,031	75	59	63 380	6 904,931	60 686,227	8,789	8,326
26	10	98 523	45 684,780	1 200 361,329	26,275	25,812	76	60	60 719	6 422,371	53 781,296	8,374	7,911
27	11	98 459	44 325,238	1 154 676,549	26,050	25,587	77	61	57 878	5 943,607	47 358,925	7,968	7,505
28	12	98 389	43 003,534	1 110 351,311	25,820	25,357	78	62	54 856	5 469,135	41 415,319	7,573	7,109
29	13	98 322	41 722,556	1 067 347,777	25,582	25,119	79	63	51 631	4 997,650	35 946,184	7,193	6,729
30	14	98 248	40 477,072	1 025 625,221	25,338	24,875	80	64	48 264	4 535,753	30 948,534	6,823	6,360
31	15	98 175	39 268,725	985 148,149	25,087	24,624	81	65	44 793	4 086,916	26 412,781	6,463	6,000
32	16	98 093	38 092,972	945 879,423	24,831	24,368	82	66	41 205	3 650,076	22 325,865	6,117	5,653
33	17	98 005	36 950,595	907 786,451	24,568	24,104	83	67	37 571	3 231,220	18 675,789	5,780	5,317
34	18	97 915	35 841,228	870 835,856	24,297	23,834	84	68	33 956	2 835,212	15 444,569	5,447	4,984
35	19	97 815	34 761,766	834 994,629	24,020	23,557	85	69	30 324	2 458,243	12 609,357	5,129	4,666
36	20	97 712	33 713,973	800 232,863	23,736	23,273	86	70	26 743	2 104,775	10 151,114	4,823	4,360
37	21	97 605	32 695,921	766 518,889	23,444	22,981	87	71	23 236	1 775,543	8 046,339	4,532	4,069
38	22	97 492	31 706,855	733 822,968	23,144	22,681	88	72	19 835	1 471,490	6 270,796	4,262	3,798
39	23	97 363	30 742,620	702 116,113	22,839	22,375	89	73	16 649	1 199,136	4 799,306	4,002	3,539
40	24	97 229	29 806,125	671 373,494	22,525	22,061	90	74	13 639	953,710	3 600,171	3,775	3,312
41	25	97 084	28 895,020	641 567,369	22,203	21,740	91	75	11 029	748,775	2 646,460	3,534	3,071
42	26	96 930	28 008,835	612 672,349	21,874	21,411	92	76	8 636	569,221	1 897,686	3,334	2,871
43	27	96 759	27 145,029	584 663,514	21,539	21,075	93	77	6 602	422,470	1 328,464	3,145	2,681
44	28	96 560	26 300,334	557 518,486	21,198	20,735	94	78	4 912	305,212	905,995	2,968	2,505
45	29	96 344	25 477,062	531 218,152	20,851	20,388	95	79	3 549	214,099	600,782	2,806	2,343
46	30	96 103	24 673,143	505 741,090	20,498	20,034	96	80	2 487	145,643	386,684	2,655	2,192
47	31	95 838	23 888,493	481 067,947	20,138	19,675	97	81	1 685	95,826	241,041	2,515	2,052
48	32	95 533	23 118,777	457 179,454	19,775	19,312	98	82	1 103	60,875	145,214	2,385	1,922
49	33	95 192	22 365,495	434 060,677	19,408	18,944	99	83	694	37,218	84,339	2,266	1,803
							100	84	420	21,869	47,121	2,155	1,691

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	33	94 851	21 636,253	412 648,528	19,072	18,609
1							51	34	94 437	20 914,381	391 012,275	18,696	18,233
2							52	35	93 951	20 200,575	370 097,894	18,321	17,858
3							53	36	93 443	19 506,268	349 897,319	17,938	17,474
4							54	37	92 883	18 824,641	330 391,051	17,551	17,088
5							55	38	92 259	18 153,473	311 566,411	17,163	16,700
6							56	39	91 583	17 495,735	293 412,937	16,771	16,307
7							57	40	90 856	16 851,179	275 917,203	16,374	15,911
8							58	41	90 061	16 217,285	259 066,023	15,975	15,511
9							59	42	89 198	15 593,964	242 848,738	15,573	15,110
10							60	43	88 268	14 981,944	227 254,774	15,169	14,705
11							61	44	87 261	14 379,682	212 272,830	14,762	14,299
12							62	45	86 190	13 789,477	197 893,147	14,351	13,888
13							63	46	85 048	13 210,552	184 103,671	13,936	13,473
14							64	47	83 855	12 645,772	170 893,119	13,514	13,051
15							65	48	82 538	12 084,594	158 247,346	13,095	12,632
16							66	49	81 151	11 535,500	146 162,752	12,671	12,207
17	0	99 391	60 133,322	1 681 293,237	27,959	27,496	67	50	79 644	10 991,598	134 627,252	12,248	11,785
18	1	99 044	58 178,090	1 621 159,915	27,865	27,402	68	51	78 048	10 457,559	123 635,654	11,823	11,359
19	2	98 970	56 441,484	1 562 981,826	27,692	27,229	69	52	76 366	9 934,190	113 178,095	11,393	10,930
20	3	98 907	54 762,621	1 506 540,341	27,510	27,047	70	53	74 562	9 416,932	103 243,905	10,964	10,500
21	4	98 843	53 133,058	1 451 777,720	27,323	26,860	71	54	72 645	8 907,629	93 826,973	10,533	10,070
22	5	98 778	51 551,471	1 398 644,662	27,131	26,668	72	55	70 608	8 405,690	84 919,345	10,103	9,639
23	6	98 715	50 018,321	1 347 093,191	26,932	26,469	73	56	68 450	7 911,504	76 513,654	9,671	9,208
24	7	98 655	48 531,862	1 297 074,870	26,726	26,263	74	57	66 157	7 423,685	68 602,150	9,241	8,778
25	8	98 592	47 087,905	1 248 543,008	26,515	26,052	75	58	63 661	6 935,532	61 178,465	8,821	8,358
26	9	98 530	45 687,932	1 201 455,103	26,297	25,834	76	59	61 007	6 452,842	54 242,933	8,406	7,943
27	10	98 466	44 328,384	1 155 767,171	26,073	25,610	77	60	58 192	5 975,812	47 790,091	7,997	7,534
28	11	98 397	43 006,973	1 111 438,787	25,843	25,380	78	61	55 173	5 500,746	41 814,279	7,602	7,138
29	12	98 330	41 725,915	1 068 431,814	25,606	25,143	79	62	51 958	5 029,373	36 313,533	7,220	6,757
30	13	98 257	40 480,699	1 026 705,899	25,363	24,900	80	63	48 592	4 566,522	31 284,160	6,851	6,388
31	14	98 186	39 272,982	986 225,200	25,112	24,649	81	64	45 125	4 117,175	26 717,638	6,489	6,026
32	15	98 105	38 097,764	946 952,218	24,856	24,393	82	65	41 530	3 678,807	22 600,464	6,143	5,680
33	16	98 020	36 956,281	908 854,454	24,593	24,129	83	66	37 895	3 259,099	18 921,656	5,806	5,343
34	17	97 931	35 846,980	871 898,172	24,323	23,860	84	67	34 269	2 861,342	15 662,557	5,474	5,011
35	18	97 837	34 769,708	836 051,193	24,045	23,582	85	68	30 622	2 482,348	12 801,215	5,157	4,694
36	19	97 733	33 720,938	801 281,485	23,762	23,299	86	69	27 030	2 127,371	10 318,867	4,851	4,387
37	20	97 626	32 703,181	767 560,547	23,471	23,007	87	70	23 509	1 796,390	8 191,496	4,560	4,097
38	21	97 512	31 713,492	734 857,365	23,172	22,709	88	71	20 094	1 490,686	6 395,106	4,290	3,827
39	22	97 385	30 749,518	703 143,873	22,867	22,404	89	72	16 893	1 216,752	4 904,421	4,031	3,568
40	23	97 251	29 812,939	672 394,356	22,554	22,091	90	73	13 864	969,475	3 687,669	3,804	3,341
41	24	97 104	28 900,862	642 581,416	22,234	21,771	91	74	11 238	762,972	2 718,194	3,563	3,099
42	25	96 951	28 014,998	613 680,555	21,905	21,442	92	75	8 825	581,703	1 955,222	3,361	2,898
43	26	96 782	27 151,454	585 665,557	21,570	21,107	93	76	6 767	433,077	1 373,519	3,172	2,708
44	27	96 586	26 307,401	558 514,103	21,230	20,767	94	77	5 053	313,915	940,442	2,996	2,533
45	28	96 368	25 483,506	532 206,701	20,884	20,421	95	78	3 667	221,192	626,526	2,833	2,369
46	29	96 131	24 680,224	506 723,195	20,532	20,068	96	79	2 581	151,130	405,334	2,682	2,219
47	30	95 865	23 895,256	482 042,971	20,173	19,710	97	80	1 759	100,003	254,205	2,542	2,079
48	31	95 561	23 125,761	458 147,715	19,811	19,348	98	81	1 158	63,917	154,202	2,413	1,949
49	32	95 226	22 373,426	435 021,954	19,444	18,980	99	82	735	39,391	90,285	2,292	1,829
							100	83	448	23,332	50,894	2,181	1,718

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	32	94 885	21 643,925	413 521,408	19,106	18,642
1							51	33	94 472	20 922,030	391 877,483	18,730	18,267
2							52	34	93 990	20 209,159	370 955,453	18,356	17,893
3							53	35	93 480	19 514,030	350 746,293	17,974	17,511
4							54	36	92 927	18 833,591	331 232,264	17,587	17,124
5							55	37	92 308	18 163,167	312 398,673	17,200	16,736
6							56	38	91 634	17 505,480	294 235,507	16,808	16,345
7							57	39	90 916	16 862,335	276 730,026	16,411	15,948
8							58	40	90 125	16 228,747	259 867,692	16,013	15,550
9							59	41	89 269	15 606,472	243 638,945	15,611	15,148
10							60	42	88 346	14 995,291	228 032,473	15,207	14,744
11							61	43	87 350	14 394,421	213 037,181	14,800	14,337
12							62	44	86 287	13 804,982	198 642,760	14,389	13,926
13							63	45	85 156	13 227,341	184 837,778	13,974	13,511
14							64	46	83 973	12 663,617	171 610,438	13,551	13,088
15							65	47	82 673	12 104,386	158 946,821	13,131	12,668
16							66	48	81 295	11 555,935	146 842,434	12,707	12,244
17							67	49	79 809	11 014,262	135 286,499	12,283	11,820
18	0	99 358	58 362,087	1 622 397,082	27,799	27,336	68	50	78 220	10 480,648	124 272,237	11,857	11,394
19	1	98 997	56 456,387	1 564 034,996	27,703	27,240	69	51	76 553	9 958,556	113 791,589	11,427	10,963
20	2	98 922	54 770,779	1 507 578,609	27,525	27,062	70	52	74 767	9 442,856	103 833,032	10,996	10,533
21	3	98 854	53 138,995	1 452 807,830	27,340	26,877	71	53	72 864	8 934,490	94 390,176	10,565	10,101
22	4	98 790	51 557,616	1 399 668,835	27,148	26,684	72	54	70 834	8 432,601	85 455,686	10,134	9,671
23	5	98 725	50 023,377	1 348 111,219	26,950	26,486	73	55	68 694	7 939,636	77 023,085	9,701	9,238
24	6	98 664	48 536,089	1 298 087,842	26,745	26,282	74	56	66 407	7 451,794	69 083,450	9,271	8,807
25	7	98 600	47 091,947	1 249 551,753	26,534	26,071	75	57	63 916	6 963,362	61 631,656	8,851	8,388
26	8	98 537	45 691,297	1 202 459,806	26,317	25,854	76	58	61 277	6 481,440	54 668,294	8,435	7,971
27	9	98 473	44 331,442	1 156 768,509	26,094	25,630	77	59	58 468	6 004,164	48 186,854	8,026	7,562
28	10	98 404	43 010,025	1 112 437,067	25,865	25,401	78	60	55 472	5 530,552	42 182,690	7,627	7,164
29	11	98 338	41 729,252	1 069 427,041	25,628	25,165	79	61	52 259	5 058,442	36 652,138	7,246	6,783
30	12	98 265	40 483,958	1 027 697,789	25,385	24,922	80	62	48 900	4 595,509	31 593,695	6,875	6,412
31	13	98 194	39 276,500	987 213,832	25,135	24,672	81	63	45 431	4 145,104	26 998,187	6,513	6,050
32	14	98 116	38 101,894	947 937,331	24,879	24,416	82	64	41 837	3 706,045	22 853,083	6,166	5,703
33	15	98 033	36 960,931	909 835,437	24,616	24,153	83	65	38 194	3 284,753	19 147,038	5,829	5,366
34	16	97 946	35 852,497	872 874,507	24,346	23,883	84	66	34 564	2 886,030	15 862,285	5,496	5,033
35	17	97 853	34 775,288	837 022,010	24,069	23,606	85	67	30 904	2 505,226	12 976,255	5,180	4,716
36	18	97 755	33 728,642	802 246,722	23,785	23,322	86	68	27 295	2 148,232	10 471,029	4,874	4,411
37	19	97 647	32 709,937	768 518,080	23,495	23,032	87	69	23 762	1 815,675	8 322,797	4,584	4,121
38	20	97 534	31 720,534	735 808,143	23,197	22,733	88	70	20 330	1 508,188	6 507,122	4,315	3,851
39	21	97 405	30 755,955	704 087,609	22,893	22,430	89	71	17 114	1 232,624	4 998,935	4,056	3,592
40	22	97 273	29 819,629	673 331,654	22,580	22,117	90	72	14 068	983,717	3 766,310	3,829	3,365
41	23	97 126	28 907,469	643 512,025	22,261	21,798	91	73	11 424	775,584	2 782,593	3,588	3,125
42	24	96 971	28 020,662	614 604,556	21,934	21,471	92	74	8 993	592,733	2 007,010	3,386	2,923
43	25	96 803	27 157,429	586 583,894	21,599	21,136	93	75	6 916	442,574	1 414,277	3,196	2,732
44	26	96 609	26 313,629	559 426,466	21,260	20,797	94	76	5 179	321,797	971,703	3,020	2,556
45	27	96 394	25 490,354	533 112,837	20,914	20,451	95	77	3 772	227,499	649,906	2,857	2,394
46	28	96 155	24 686,467	507 622,483	20,563	20,100	96	78	2 666	156,137	422,407	2,705	2,242
47	29	95 893	23 902,114	482 936,016	20,205	19,742	97	79	1 825	103,771	266,270	2,566	2,103
48	30	95 589	23 132,308	459 033,902	19,844	19,381	98	80	1 208	66,703	162,500	2,436	1,973
49	31	95 255	22 380,185	435 901,594	19,477	19,014	99	81	772	41,359	95,797	2,316	1,853
							100	82	475	24,694	54,438	2,205	1,741

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	31	94 914	21 650,464	414 320,116	19,137	18,674
1							51	32	94 505	20 929,449	392 669,652	18,762	18,298
2							52	33	94 025	20 216,551	371 740,202	18,388	17,925
3							53	34	93 520	19 522,322	351 523,651	18,006	17,543
4							54	35	92 964	18 841,085	332 001,329	17,621	17,158
5							55	36	92 352	18 171,802	313 160,244	17,233	16,770
6							56	37	91 683	17 514,828	294 988,442	16,842	16,379
7							57	38	90 966	16 871,727	277 473,614	16,446	15,983
8							58	39	90 184	16 239,490	260 601,887	16,047	15,584
9							59	40	89 332	15 617,502	244 362,397	15,647	15,183
10							60	41	88 417	15 007,320	228 744,895	15,242	14,779
11							61	42	87 428	14 407,245	213 737,576	14,835	14,372
12							62	43	86 375	13 819,132	199 330,331	14,424	13,961
13							63	44	85 252	13 242,214	185 511,199	14,009	13,546
14							64	45	84 080	12 679,710	172 268,985	13,586	13,123
15							65	46	82 789	12 121,467	159 589,275	13,166	12,703
16							66	47	81 428	11 574,862	147 467,808	12,740	12,277
17							67	48	79 950	11 033,774	135 892,946	12,316	11,853
18							68	49	78 382	10 502,258	124 859,172	11,889	11,426
19	0	99 310	56 634,939	1 565 180,534	27,636	27,173	69	50	76 722	9 980,544	114 356,914	11,458	10,995
20	1	98 948	54 785,240	1 508 545,595	27,536	27,072	70	51	74 950	9 466,017	104 376,370	11,026	10,563
21	2	98 869	53 146,911	1 453 760,355	27,354	26,890	71	52	73 065	8 959,086	94 910,353	10,594	10,131
22	3	98 801	51 563,377	1 400 613,444	27,163	26,700	72	53	71 048	8 458,030	85 951,266	10,162	9,699
23	4	98 737	50 029,339	1 349 050,066	26,965	26,502	73	54	68 914	7 965,054	77 493,236	9,729	9,266
24	5	98 674	48 540,995	1 299 020,727	26,761	26,298	74	55	66 643	7 478,291	69 528,182	9,297	8,834
25	6	98 609	47 096,049	1 250 479,732	26,552	26,088	75	56	64 158	6 989,729	62 049,891	8,877	8,414
26	7	98 546	45 695,219	1 203 383,683	26,335	25,872	76	57	61 523	6 507,447	55 060,163	8,461	7,998
27	8	98 480	44 334,707	1 157 688,464	26,112	25,649	77	58	58 727	6 030,774	48 552,716	8,051	7,588
28	9	98 411	43 012,993	1 113 353,757	25,884	25,421	78	59	55 735	5 556,791	42 521,942	7,652	7,189
29	10	98 345	41 732,214	1 070 340,764	25,648	25,185	79	60	52 542	5 085,852	36 965,151	7,268	6,805
30	11	98 273	40 487,195	1 028 608,551	25,406	24,943	80	61	49 183	4 622,070	31 879,299	6,897	6,434
31	12	98 202	39 279,662	988 121,356	25,156	24,693	81	62	45 719	4 171,416	27 257,228	6,534	6,071
32	13	98 124	38 105,307	948 841,693	24,901	24,437	82	63	42 121	3 731,185	23 085,813	6,187	5,724
33	14	98 043	36 964,937	910 736,386	24,638	24,175	83	64	38 477	3 309,072	19 354,628	5,849	5,386
34	15	97 958	35 857,007	873 771,449	24,368	23,905	84	65	34 836	2 908,747	16 045,555	5,516	5,053
35	16	97 868	34 780,640	837 914,442	24,091	23,628	85	66	31 170	2 526,842	13 136,808	5,199	4,736
36	17	97 771	33 734,056	803 133,802	23,808	23,345	86	67	27 547	2 168,031	10 609,967	4,894	4,431
37	18	97 669	32 717,410	769 399,746	23,517	23,053	87	68	23 995	1 833,479	8 441,936	4,604	4,141
38	19	97 554	31 727,087	736 682,336	23,219	22,756	88	69	20 548	1 524,379	6 608,457	4,335	3,872
39	20	97 427	30 762,784	704 955,249	22,916	22,453	89	70	17 315	1 247,097	5 084,078	4,077	3,614
40	21	97 293	29 825,871	674 192,466	22,604	22,141	90	71	14 251	996,550	3 836,981	3,850	3,387
41	22	97 148	28 913,956	644 366,595	22,286	21,822	91	72	11 592	786,977	2 840,431	3,609	3,146
42	23	96 993	28 027,068	615 452,639	21,959	21,496	92	73	9 141	602,531	2 053,454	3,408	2,945
43	24	96 823	27 162,919	587 425,571	21,626	21,163	93	74	7 047	450,965	1 450,924	3,217	2,754
44	25	96 630	26 319,419	560 262,652	21,287	20,824	94	75	5 293	328,853	999,958	3,041	2,578
45	26	96 417	25 496,388	533 943,233	20,942	20,479	95	76	3 866	233,211	671,105	2,878	2,414
46	27	96 181	24 693,101	508 446,845	20,591	20,127	96	77	2 742	160,589	437,894	2,727	2,264
47	28	95 917	23 908,160	483 753,744	20,234	19,771	97	78	1 886	107,209	277,305	2,587	2,123
48	29	95 616	23 138,948	459 845,585	19,873	19,410	98	79	1 254	69,216	170,096	2,457	1,994
49	30	95 282	22 386,521	436 706,637	19,508	19,044	99	80	805	43,162	100,881	2,337	1,874
							100	81	498	25,928	57,719	2,226	1,763

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	30	94 940	21 656,594	415 051,008	19,165	18,702
1							51	31	94 534	20 935,773	393 394,415	18,791	18,327
2							52	32	94 058	20 223,720	372 458,642	18,417	17,954
3							53	33	93 554	19 529,463	352 234,922	18,036	17,573
4							54	34	93 004	18 849,091	332 705,459	17,651	17,188
5							55	35	92 389	18 179,033	313 856,368	17,265	16,802
6							56	36	91 727	17 523,155	295 677,335	16,874	16,410
7							57	37	91 015	16 880,736	278 154,180	16,478	16,014
8							58	38	90 235	16 248,536	261 273,444	16,080	15,617
9							59	39	89 391	15 627,840	245 024,908	15,679	15,216
10							60	40	88 480	15 017,926	229 397,068	15,275	14,812
11							61	41	87 498	14 418,802	214 379,142	14,868	14,405
12							62	42	86 452	13 831,443	199 960,340	14,457	13,994
13							63	43	85 340	13 255,787	186 128,897	14,041	13,578
14							64	44	84 174	12 693,968	172 873,111	13,619	13,155
15							65	45	82 895	12 136,871	160 179,143	13,198	12,735
16							66	46	81 543	11 591,195	148 042,271	12,772	12,309
17							67	47	80 081	11 051,845	136 451,077	12,346	11,883
18							68	48	78 520	10 520,863	125 399,231	11,919	11,456
19							69	49	76 881	10 001,122	114 878,368	11,487	11,023
20	0	99 261	54 958,507	1 509 606,793	27,468	27,005	70	50	75 116	9 486,917	104 877,245	11,055	10,592
21	1	98 895	53 160,944	1 454 648,286	27,363	26,900	71	51	73 244	8 981,061	95 390,328	10,621	10,158
22	2	98 815	51 571,058	1 401 487,342	27,176	26,713	72	52	71 243	8 481,315	86 409,267	10,188	9,725
23	3	98 748	50 034,930	1 349 916,284	26,979	26,516	73	53	69 122	7 989,073	77 927,952	9,754	9,291
24	4	98 686	48 546,781	1 299 881,354	26,776	26,313	74	54	66 857	7 502,232	69 938,879	9,322	8,859
25	5	98 619	47 100,809	1 251 334,573	26,567	26,104	75	55	64 386	7 014,582	62 436,647	8,901	8,438
26	6	98 554	45 699,199	1 204 233,764	26,351	25,888	76	56	61 756	6 532,088	55 422,064	8,485	8,021
27	7	98 489	44 338,513	1 158 534,565	26,129	25,666	77	57	58 963	6 054,973	48 889,977	8,074	7,611
28	8	98 418	43 016,161	1 114 196,052	25,902	25,439	78	58	55 982	5 581,418	42 835,004	7,675	7,211
29	9	98 351	41 735,093	1 071 179,892	25,666	25,203	79	59	52 791	5 109,981	37 253,586	7,290	6,827
30	10	98 280	40 490,069	1 029 444,799	25,425	24,961	80	60	49 449	4 647,115	32 143,604	6,917	6,454
31	11	98 210	39 282,804	988 954,730	25,175	24,712	81	61	45 983	4 195,526	27 496,489	6,554	6,091
32	12	98 132	38 108,375	949 671,927	24,920	24,457	82	62	42 388	3 754,869	23 300,963	6,206	5,742
33	13	98 052	36 968,249	911 563,552	24,658	24,195	83	63	38 738	3 331,520	19 546,094	5,867	5,404
34	14	97 969	35 860,894	874 595,303	24,389	23,925	84	64	35 094	2 930,283	16 214,574	5,533	5,070
35	15	97 880	34 785,016	838 734,409	24,112	23,649	85	65	31 416	2 546,731	13 284,291	5,216	4,753
36	16	97 786	33 739,247	803 949,393	23,828	23,365	86	66	27 784	2 186,737	10 737,560	4,910	4,447
37	17	97 685	32 722,661	770 210,146	23,538	23,074	87	67	24 216	1 850,378	8 550,823	4,621	4,158
38	18	97 576	31 734,335	737 487,485	23,239	22,776	88	68	20 749	1 539,327	6 700,446	4,353	3,890
39	19	97 447	30 769,139	705 753,150	22,937	22,474	89	69	17 501	1 260,485	5 161,119	4,095	3,631
40	20	97 315	29 832,493	674 984,011	22,626	22,163	90	70	14 418	1 008,250	3 900,634	3,869	3,405
41	21	97 168	28 920,008	645 151,518	22,308	21,845	91	71	11 743	797,244	2 892,384	3,628	3,165
42	22	97 015	28 033,357	616 231,509	21,982	21,519	92	72	9 275	611,382	2 095,140	3,427	2,964
43	23	96 845	27 169,130	588 198,153	21,650	21,186	93	73	7 163	458,420	1 483,758	3,237	2,773
44	24	96 650	26 324,740	561 029,023	21,312	20,849	94	74	5 393	335,089	1 025,339	3,060	2,597
45	25	96 438	25 501,998	534 704,283	20,967	20,504	95	75	3 951	238,325	690,250	2,896	2,433
46	26	96 203	24 698,946	509 202,285	20,616	20,153	96	76	2 811	164,621	451,925	2,745	2,282
47	27	95 943	23 914,584	484 503,339	20,260	19,797	97	77	1 939	110,265	287,304	2,606	2,142
48	28	95 640	23 144,800	460 588,755	19,900	19,437	98	78	1 295	71,509	177,039	2,476	2,013
49	29	95 309	22 392,946	437 443,955	19,535	19,072	99	79	836	44,788	105,530	2,356	1,893
							100	80	520	27,058	60,742	2,245	1,782

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
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19						
20						
21	0	99 208	53 329,074	1 455 631,781	27,295	26,832
22	1	98 842	51 584,675	1 402 302,707	27,184	26,721
23	2	98 763	50 042,383	1 350 718,033	26,991	26,528
24	3	98 697	48 552,206	1 300 675,649	26,789	26,326
25	4	98 630	47 106,423	1 252 123,443	26,581	26,118
26	5	98 564	45 703,818	1 205 017,020	26,366	25,903
27	6	98 497	44 342,375	1 159 313,202	26,145	25,681
28	7	98 426	43 019,853	1 114 970,827	25,918	25,454
29	8	98 359	41 738,166	1 071 950,974	25,683	25,220
30	9	98 287	40 492,862	1 030 212,808	25,442	24,979
31	10	98 217	39 285,592	989 719,946	25,193	24,730
32	11	98 140	38 111,423	950 434,354	24,938	24,475
33	12	98 060	36 971,225	912 322,931	24,677	24,213
34	13	97 977	35 864,107	875 351,706	24,407	23,944
35	14	97 891	34 788,786	839 487,600	24,131	23,668
36	15	97 798	33 743,492	804 698,813	23,848	23,384
37	16	97 700	32 727,697	770 955,322	23,557	23,093
38	17	97 592	31 739,428	738 227,625	23,259	22,796
39	18	97 469	30 776,168	706 488,196	22,956	22,492
40	19	97 335	29 838,656	675 712,028	22,646	22,182
41	20	97 190	28 926,430	645 873,372	22,328	21,865
42	21	97 035	28 039,225	616 946,942	22,003	21,540
43	22	96 867	27 175,226	588 907,717	21,671	21,208
44	23	96 672	26 330,759	561 732,491	21,334	20,870
45	24	96 458	25 507,154	535 401,732	20,990	20,527
46	25	96 225	24 704,380	509 894,578	20,640	20,177
47	26	95 966	23 920,245	485 190,198	20,284	19,820
48	27	95 666	23 151,020	461 269,953	19,924	19,461
49	28	95 333	22 398,610	438 118,933	19,560	19,097
50	29	94 968	21 662,809	415 720,323	19,191	18,727
51	30	94 561	20 941,700	394 057,513	18,817	18,354
52	31	94 087	20 229,830	373 115,814	18,444	17,981
53	32	93 587	19 536,388	352 885,984	18,063	17,600
54	33	93 038	18 855,986	333 349,596	17,679	17,215
55	34	92 428	18 186,758	314 493,610	17,292	16,829
56	35	91 763	17 530,128	296 306,852	16,903	16,439
57	36	91 058	16 888,762	278 776,724	16,507	16,043
58	37	90 283	16 257,212	261 887,962	16,109	15,646
59	38	89 441	15 636,546	245 630,750	15,709	15,246
60	39	88 538	15 027,867	229 994,205	15,305	14,841
61	40	87 560	14 428,992	214 966,337	14,898	14,435
62	41	86 521	13 842,538	200 537,346	14,487	14,024
63	42	85 416	13 267,596	186 694,808	14,071	13,608
64	43	84 261	12 706,979	173 427,212	13,648	13,185
65	44	82 988	12 150,518	160 720,233	13,227	12,764
66	45	81 646	11 605,926	148 569,715	12,801	12,338
67	46	80 194	11 067,441	136 963,789	12,375	11,912
68	47	78 649	10 538,094	125 896,348	11,947	11,484
69	48	77 017	10 018,840	115 358,254	11,514	11,051
70	49	75 271	9 506,478	105 339,414	11,081	10,618
71	50	73 405	9 000,890	95 832,936	10,647	10,184
72	51	71 418	8 502,117	86 832,046	10,213	9,750
73	52	69 312	8 011,067	78 329,928	9,778	9,314
74	53	67 058	7 524,856	70 318,862	9,345	8,882
75	54	64 592	7 037,039	62 794,005	8,923	8,460
76	55	61 976	6 555,314	55 756,966	8,506	8,042
77	56	59 186	6 077,900	49 201,652	8,095	7,632
78	57	56 207	5 603,814	43 123,752	7,695	7,232
79	58	53 025	5 132,628	37 519,938	7,310	6,847
80	59	49 684	4 669,163	32 387,310	6,936	6,473
81	60	46 233	4 218,260	27 718,147	6,571	6,108
82	61	42 633	3 776,572	23 499,887	6,223	5,759
83	62	38 983	3 352,667	19 723,315	5,883	5,420
84	63	35 332	2 950,161	16 370,648	5,549	5,086
85	64	31 648	2 565,587	13 420,487	5,231	4,768
86	65	28 003	2 203,949	10 854,900	4,925	4,462
87	66	24 425	1 866,343	8 650,951	4,635	4,172
88	67	20 941	1 553,514	6 784,608	4,367	3,904
89	68	17 672	1 272,845	5 231,094	4,110	3,647
90	69	14 573	1 019,074	3 958,249	3,884	3,421
91	70	11 881	806,604	2 939,175	3,644	3,181
92	71	9 396	619,358	2 132,571	3,443	2,980
93	72	7 269	465,154	1 513,213	3,253	2,790
94	73	5 483	340,628	1 048,059	3,077	2,614
95	74	4 026	242,844	707,432	2,913	2,450
96	75	2 873	168,231	464,588	2,762	2,298
97	76	1 988	113,034	296,357	2,622	2,159
98	77	1 332	73,548	183,323	2,493	2,029
99	78	863	46,271	109,775	2,372	1,909
100	79	540	28,077	63,504	2,262	1,799

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	28	94 992	21 668,289	416 332,902	19,214	18,751
1							51	29	94 588	20 947,710	394 664,613	18,840	18,377
2							52	30	94 113	20 235,557	373 716,903	18,468	18,005
3							53	31	93 616	19 542,290	353 481,346	18,088	17,625
4							54	32	93 071	18 862,672	333 939,056	17,704	17,240
5							55	33	92 462	18 193,410	315 076,384	17,318	16,855
6							56	34	91 802	17 537,577	296 882,974	16,928	16,465
7							57	35	91 095	16 895,482	279 345,396	16,534	16,071
8							58	36	90 326	16 264,941	262 449,914	16,136	15,673
9							59	37	89 489	15 644,895	246 184,973	15,736	15,273
10							60	38	88 588	15 036,238	230 540,078	15,332	14,869
11							61	39	87 618	14 438,544	215 503,840	14,926	14,462
12							62	40	86 583	13 852,321	201 065,296	14,515	14,052
13							63	41	85 484	13 278,239	187 212,975	14,099	13,636
14							64	42	84 336	12 718,299	173 934,737	13,676	13,213
15							65	43	83 073	12 162,973	161 216,438	13,255	12,791
16							66	44	81 738	11 618,976	149 053,465	12,828	12,365
17							67	45	80 296	11 081,506	137 434,490	12,402	11,939
18							68	46	78 760	10 552,965	126 352,984	11,973	11,510
19							69	47	77 143	10 035,249	115 800,019	11,539	11,076
20							70	48	75 404	9 523,319	105 764,771	11,106	10,643
21							71	49	73 557	9 019,449	96 241,451	10,670	10,207
22	0	99 154	51 747,820	1 403 214,562	27,116	26,653	72	50	71 576	8 520,889	87 222,002	10,236	9,773
23	1	98 789	50 055,596	1 351 466,742	26,999	26,536	73	51	69 482	8 030,716	78 701,113	9,800	9,337
24	2	98 711	48 559,438	1 301 411,146	26,800	26,337	74	52	67 243	7 545,572	70 670,397	9,366	8,903
25	3	98 641	47 111,687	1 252 851,708	26,593	26,130	75	53	64 787	7 058,260	63 124,825	8,943	8,480
26	4	98 576	45 709,266	1 205 740,020	26,378	25,915	76	54	62 174	6 576,301	56 066,565	8,526	8,062
27	5	98 507	44 346,857	1 160 030,754	26,158	25,695	77	55	59 397	6 099,512	49 490,265	8,114	7,651
28	6	98 435	43 023,600	1 115 683,897	25,932	25,469	78	56	56 419	5 625,033	43 390,753	7,714	7,251
29	7	98 367	41 741,749	1 072 660,298	25,698	25,234	79	57	53 238	5 153,223	37 765,720	7,329	6,865
30	8	98 294	40 495,844	1 030 918,549	25,457	24,994	80	58	49 904	4 689,856	32 612,497	6,954	6,491
31	9	98 224	39 288,302	990 422,704	25,209	24,746	81	59	46 452	4 238,273	27 922,641	6,588	6,125
32	10	98 147	38 114,128	951 134,402	24,955	24,492	82	60	42 864	3 797,036	23 684,368	6,238	5,774
33	11	98 068	36 974,182	913 020,274	24,693	24,230	83	61	39 209	3 372,045	19 887,332	5,898	5,434
34	12	97 985	35 866,994	876 046,093	24,425	23,962	84	62	35 557	2 968,887	16 515,287	5,563	5,100
35	13	97 900	34 791,903	840 179,099	24,149	23,685	85	63	31 863	2 582,991	13 546,399	5,244	4,781
36	14	97 809	33 747,149	805 387,196	23,865	23,402	86	64	28 210	2 220,267	10 963,409	4,938	4,475
37	15	97 712	32 731,814	771 640,047	23,575	23,111	87	65	24 617	1 881,033	8 743,142	4,648	4,185
38	16	97 607	31 744,313	738 908,232	23,277	22,814	88	66	21 121	1 566,918	6 862,109	4,379	3,916
39	17	97 485	30 781,108	707 163,919	22,974	22,511	89	67	17 835	1 284,576	5 295,191	4,122	3,659
40	18	97 357	29 845,473	676 382,811	22,663	22,200	90	68	14 716	1 029,067	4 010,615	3,897	3,434
41	19	97 210	28 932,405	646 537,338	22,346	21,883	91	69	12 008	815,263	2 981,547	3,657	3,194
42	20	97 057	28 045,451	617 604,933	22,022	21,558	92	70	9 507	626,629	2 166,284	3,457	2,994
43	21	96 887	27 180,914	589 559,482	21,690	21,227	93	71	7 364	471,222	1 539,655	3,267	2,804
44	22	96 694	26 336,667	562 378,567	21,353	20,890	94	72	5 563	345,632	1 068,433	3,091	2,628
45	23	96 480	25 512,986	536 041,901	21,011	20,547	95	73	4 092	246,858	722,801	2,928	2,465
46	24	96 244	24 709,375	510 528,915	20,661	20,198	96	74	2 927	171,421	475,943	2,776	2,313
47	25	95 987	23 925,508	485 819,540	20,306	19,842	97	75	2 032	115,513	304,522	2,636	2,173
48	26	95 688	23 156,500	461 894,031	19,947	19,483	98	76	1 366	75,394	189,010	2,507	2,044
49	27	95 359	22 404,629	438 737,531	19,582	19,119	99	77	888	47,591	113,615	2,387	1,924
							100	78	557	29,007	66,025	2,276	1,813

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	27	95 017	21 674,111	416 894,183	19,235	18,771
1							51	28	94 612	20 953,008	395 220,072	18,862	18,399
2							52	29	94 140	20 241,365	374 267,063	18,490	18,027
3							53	30	93 642	19 547,823	354 025,699	18,111	17,648
4							54	31	93 099	18 868,371	334 477,876	17,727	17,264
5							55	32	92 494	18 199,862	315 609,505	17,341	16,878
6							56	33	91 836	17 543,992	297 409,643	16,952	16,489
7							57	34	91 133	16 902,662	279 865,651	16,557	16,094
8							58	35	90 362	16 271,413	262 962,989	16,161	15,698
9							59	36	89 531	15 652,333	246 691,576	15,761	15,297
10							60	37	88 635	15 044,267	231 039,243	15,357	14,894
11							61	38	87 667	14 446,586	215 994,976	14,951	14,488
12							62	39	86 640	13 861,491	201 548,389	14,540	14,077
13							63	40	85 545	13 287,623	187 686,899	14,125	13,662
14							64	41	84 403	12 728,501	174 399,276	13,701	13,238
15							65	42	83 147	12 173,808	161 670,775	13,280	12,817
16							66	43	81 822	11 630,885	149 496,967	12,853	12,390
17							67	44	80 386	11 093,966	137 866,082	12,427	11,964
18							68	45	78 860	10 566,376	126 772,116	11,998	11,534
19							69	46	77 252	10 049,410	116 205,740	11,563	11,100
20							70	47	75 527	9 538,917	106 156,331	11,129	10,666
21							71	48	73 687	9 035,428	96 617,414	10,693	10,230
22							72	49	71 723	8 538,458	87 581,986	10,257	9,794
23	0	99 101	50 213,905	1 352 312,497	26,931	26,468	73	50	69 635	8 048,447	79 043,528	9,821	9,358
24	1	98 737	48 572,260	1 302 098,592	26,807	26,344	74	51	67 408	7 564,079	70 995,082	9,386	8,923
25	2	98 656	47 118,705	1 253 526,332	26,604	26,140	75	52	64 966	7 077,691	63 431,002	8,962	8,499
26	3	98 587	45 714,374	1 206 407,626	26,390	25,927	76	53	62 362	6 596,132	56 353,311	8,543	8,080
27	4	98 519	44 352,143	1 160 693,253	26,170	25,707	77	54	59 587	6 119,039	49 757,179	8,132	7,668
28	5	98 445	43 027,949	1 116 341,110	25,945	25,481	78	55	56 620	5 645,034	43 638,140	7,730	7,267
29	6	98 376	41 745,385	1 073 313,161	25,711	25,248	79	56	53 439	5 172,736	37 993,106	7,345	6,882
30	7	98 302	40 499,320	1 031 567,777	25,471	25,008	80	57	50 104	4 708,675	32 820,370	6,970	6,507
31	8	98 231	39 291,196	991 068,456	25,224	24,760	81	58	46 658	4 257,056	28 111,695	6,604	6,140
32	9	98 154	38 116,757	951 777,261	24,970	24,507	82	59	43 068	3 815,051	23 854,639	6,253	5,790
33	10	98 075	36 976,806	913 660,503	24,709	24,246	83	60	39 421	3 390,317	20 039,588	5,911	5,448
34	11	97 993	35 869,862	876 683,698	24,441	23,977	84	61	35 762	2 986,047	16 649,272	5,576	5,112
35	12	97 908	34 794,704	840 813,835	24,165	23,702	85	62	32 065	2 599,387	13 663,224	5,256	4,793
36	13	97 817	33 750,173	806 019,132	23,882	23,419	86	63	28 402	2 235,328	11 063,838	4,950	4,486
37	14	97 722	32 735,362	772 268,959	23,591	23,128	87	64	24 799	1 894,960	8 828,509	4,659	4,196
38	15	97 619	31 748,307	739 533,596	23,294	22,830	88	65	21 288	1 579,252	6 933,549	4,390	3,927
39	16	97 500	30 785,845	707 785,290	22,991	22,527	89	66	17 989	1 295,660	5 354,298	4,132	3,669
40	17	97 373	29 850,263	676 999,445	22,680	22,217	90	67	14 852	1 038,552	4 058,638	3,908	3,445
41	18	97 232	28 939,015	647 149,181	22,363	21,899	91	68	12 126	823,258	3 020,087	3,668	3,205
42	19	97 077	28 051,245	618 210,166	22,039	21,575	92	69	9 609	633,357	2 196,829	3,469	3,005
43	20	96 908	27 186,950	590 158,921	21,707	21,244	93	70	7 450	476,755	1 563,472	3,279	2,816
44	21	96 714	26 342,180	562 971,972	21,372	20,908	94	71	5 636	350,140	1 086,718	3,104	2,640
45	22	96 501	25 518,710	536 629,792	21,029	20,566	95	72	4 153	250,484	736,577	2,941	2,477
46	23	96 266	24 715,025	511 111,081	20,680	20,217	96	73	2 975	174,254	486,093	2,790	2,326
47	24	96 006	23 930,346	486 396,057	20,325	19,862	97	74	2 070	117,703	311,839	2,649	2,186
48	25	95 710	23 161,595	462 465,711	19,967	19,504	98	75	1 396	77,048	194,136	2,520	2,056
49	26	95 382	22 409,933	439 304,116	19,603	19,140	99	76	910	48,786	117,088	2,400	1,937
							100	77	573	29,835	68,302	2,289	1,826

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$
0							50	26	95 040	21 679,242	417 408,102	19,254	18,791
1							51	27	94 637	20 958,639	395 728,860	18,881	18,418
2							52	28	94 164	20 246,485	374 770,221	18,510	18,047
3							53	29	93 669	19 553,433	354 523,737	18,131	17,668
4							54	30	93 125	18 873,713	334 970,304	17,748	17,285
5							55	31	92 522	18 205,360	316 096,591	17,363	16,900
6							56	32	91 869	17 550,213	297 891,231	16,974	16,510
7							57	33	91 167	16 908,845	280 341,018	16,580	16,116
8							58	34	90 400	16 278,328	263 432,173	16,183	15,720
9							59	35	89 567	15 658,561	247 153,846	15,784	15,321
10							60	36	88 677	15 051,420	231 495,284	15,380	14,917
11							61	37	87 714	14 454,300	216 443,864	14,974	14,511
12							62	38	86 688	13 869,212	201 989,564	14,564	14,101
13							63	39	85 601	13 296,419	188 120,352	14,148	13,685
14							64	40	84 463	12 737,497	174 823,933	13,725	13,262
15							65	41	83 214	12 183,573	162 086,437	13,304	12,840
16							66	42	81 895	11 641,247	149 902,863	12,877	12,414
17							67	43	80 468	11 105,337	138 261,617	12,450	11,987
18							68	44	78 949	10 578,257	127 156,280	12,021	11,557
19							69	45	77 350	10 062,181	116 578,023	11,586	11,123
20							70	46	75 634	9 552,377	106 515,842	11,151	10,687
21							71	47	73 808	9 050,226	96 963,465	10,714	10,251
22							72	48	71 850	8 553,585	87 913,239	10,278	9,815
23							73	49	69 779	8 065,042	79 359,655	9,840	9,377
24	0	99 050	48 725,877	1 302 883,320	26,739	26,276	74	50	67 557	7 580,780	71 294,613	9,405	8,941
25	1	98 682	47 131,146	1 254 157,442	26,610	26,147	75	51	65 125	7 095,051	63 713,833	8,980	8,517
26	2	98 602	45 721,183	1 207 026,296	26,400	25,936	76	52	62 533	6 614,291	56 618,782	8,560	8,097
27	3	98 530	44 357,099	1 161 305,113	26,181	25,718	77	53	59 766	6 137,491	50 004,491	8,147	7,684
28	4	98 457	43 033,077	1 116 948,014	25,956	25,492	78	54	56 801	5 663,106	43 867,000	7,746	7,283
29	5	98 386	41 749,604	1 073 914,936	25,723	25,260	79	55	53 629	5 191,129	38 203,893	7,359	6,896
30	6	98 311	40 502,848	1 032 165,332	25,484	25,021	80	56	50 294	4 726,504	33 012,764	6,985	6,521
31	7	98 240	39 294,568	991 662,484	25,237	24,773	81	57	46 845	4 274,138	28 286,260	6,618	6,155
32	8	98 161	38 119,565	952 367,916	24,984	24,520	82	58	43 259	3 831,958	24 012,122	6,266	5,803
33	9	98 082	36 979,357	914 248,351	24,723	24,260	83	59	39 608	3 406,402	20 180,164	5,924	5,461
34	10	98 000	35 872,408	877 268,994	24,455	23,992	84	60	35 956	3 002,227	16 773,762	5,587	5,124
35	11	97 915	34 797,486	841 396,586	24,180	23,717	85	61	32 251	2 614,411	13 771,534	5,268	4,804
36	12	97 825	33 752,890	806 599,100	23,897	23,434	86	62	28 582	2 249,517	11 157,123	4,960	4,497
37	13	97 731	32 738,295	772 846,210	23,607	23,144	87	63	24 967	1 907,815	8 907,606	4,669	4,206
38	14	97 630	31 751,748	740 107,915	23,309	22,846	88	64	21 445	1 590,944	6 999,791	4,400	3,937
39	15	97 512	30 789,718	708 356,167	23,006	22,543	89	65	18 130	1 305,858	5 408,847	4,142	3,679
40	16	97 388	29 854,857	677 566,449	22,695	22,232	90	66	14 980	1 047,512	4 102,989	3,917	3,454
41	17	97 248	28 943,660	647 711,592	22,378	21,915	91	67	12 238	830,845	3 055,477	3,678	3,214
42	18	97 099	28 057,653	618 767,932	22,053	21,590	92	68	9 703	639,567	2 224,632	3,478	3,015
43	19	96 928	27 192,566	590 710,278	21,723	21,260	93	69	7 530	481,873	1 585,064	3,289	2,826
44	20	96 736	26 348,029	563 517,712	21,387	20,924	94	70	5 702	354,251	1 103,191	3,114	2,651
45	21	96 522	25 524,052	537 169,683	21,046	20,582	95	71	4 207	253,752	748,940	2,951	2,488
46	22	96 288	24 720,570	511 645,631	20,697	20,234	96	72	3 019	176,814	495,188	2,801	2,337
47	23	96 028	23 935,817	486 925,061	20,343	19,880	97	73	2 104	119,648	318,374	2,661	2,198
48	24	95 729	23 166,278	462 989,244	19,985	19,522	98	74	1 422	78,509	198,726	2,531	2,068
49	25	95 403	22 414,864	439 822,966	19,622	19,159	99	75	930	49,856	120,217	2,411	1,948
							100	76	588	30,584	70,362	2,301	1,837

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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25	0	98 994	47 280,206	1 254 885,793	26,541	26,078
26	1	98 628	45 733,255	1 207 605,587	26,405	25,942
27	2	98 545	44 363,707	1 161 872,331	26,190	25,726
28	3	98 468	43 037,886	1 117 508,625	25,966	25,502
29	4	98 397	41 754,581	1 074 470,739	25,733	25,270
30	5	98 321	40 506,942	1 032 716,158	25,495	25,032
31	6	98 248	39 297,991	992 209,216	25,248	24,785
32	7	98 169	38 122,836	952 911,225	24,996	24,533
33	8	98 089	36 982,080	914 788,389	24,736	24,273
34	9	98 007	35 874,883	877 806,309	24,469	24,005
35	10	97 922	34 799,956	841 931,426	24,193	23,730
36	11	97 833	33 755,589	807 131,469	23,911	23,448
37	12	97 739	32 740,931	773 375,880	23,621	23,158
38	13	97 638	31 754,593	740 634,950	23,324	22,860
39	14	97 522	30 793,056	708 880,357	23,021	22,558
40	15	97 400	29 858,613	678 087,301	22,710	22,247
41	16	97 263	28 948,114	648 228,688	22,393	21,930
42	17	97 115	28 062,156	619 280,574	22,068	21,605
43	18	96 951	27 198,779	591 218,417	21,737	21,274
44	19	96 756	26 353,472	564 019,639	21,402	20,939
45	20	96 543	25 529,720	537 666,167	21,060	20,597
46	21	96 308	24 725,745	512 136,447	20,713	20,249
47	22	96 050	23 941,188	487 410,702	20,359	19,895
48	23	95 751	23 171,574	463 469,515	20,002	19,538
49	24	95 422	22 419,396	440 297,940	19,639	19,176
50	25	95 061	21 684,012	417 878,545	19,271	18,808
51	26	94 660	20 963,600	396 194,533	18,899	18,436
52	27	94 189	20 251,925	375 230,932	18,528	18,065
53	28	93 693	19 558,379	354 979,007	18,150	17,686
54	29	93 152	18 879,130	335 420,628	17,767	17,304
55	30	92 549	18 210,514	316 541,499	17,382	16,919
56	31	91 896	17 555,515	298 330,984	16,994	16,530
57	32	91 199	16 914,840	280 775,469	16,599	16,136
58	33	90 433	16 284,282	263 860,629	16,203	15,740
59	34	89 605	15 665,216	247 576,347	15,804	15,341
60	35	88 712	15 057,409	231 911,131	15,402	14,939
61	36	87 755	14 461,172	216 853,722	14,996	14,532
62	37	86 734	13 876,618	202 392,550	14,585	14,122
63	38	85 649	13 303,825	188 515,932	14,170	13,707
64	39	84 519	12 745,929	175 212,107	13,747	13,283
65	40	83 272	12 192,184	162 466,178	13,325	12,862
66	41	81 960	11 650,584	150 273,994	12,898	12,435
67	42	80 540	11 115,231	138 623,410	12,471	12,008
68	43	79 030	10 589,100	127 508,179	12,041	11,578
69	44	77 437	10 073,495	116 919,080	11,607	11,143
70	45	75 730	9 564,517	106 845,585	11,171	10,708
71	46	73 912	9 062,997	97 281,068	10,734	10,271
72	47	71 968	8 567,594	88 218,072	10,297	9,833
73	48	69 903	8 079,330	79 650,478	9,859	9,395
74	49	67 696	7 596,410	71 571,149	9,422	8,958
75	50	65 269	7 110,716	63 974,738	8,997	8,534
76	51	62 687	6 630,514	56 864,022	8,576	8,113
77	52	59 931	6 154,387	50 233,508	8,162	7,699
78	53	56 973	5 680,184	44 079,120	7,760	7,297
79	54	53 801	5 207,748	38 398,936	7,373	6,910
80	55	50 473	4 743,311	33 191,188	6,997	6,534
81	56	47 022	4 290,322	28 447,878	6,631	6,167
82	57	43 432	3 847,334	24 157,555	6,279	5,816
83	58	39 784	3 421,499	20 310,221	5,936	5,473
84	59	36 127	3 016,471	16 888,722	5,599	5,136
85	60	32 425	2 628,577	13 872,251	5,277	4,814
86	61	28 747	2 262,519	11 243,674	4,970	4,506
87	62	25 126	1 919,925	8 981,155	4,678	4,215
88	63	21 591	1 601,736	7 061,230	4,408	3,945
89	64	18 265	1 315,526	5 459,493	4,150	3,687
90	65	15 098	1 055,758	4 143,967	3,925	3,462
91	66	12 344	838,014	3 088,209	3,685	3,222
92	67	9 793	645,462	2 250,195	3,486	3,023
93	68	7 604	486,598	1 604,734	3,298	2,835
94	69	5 763	358,054	1 118,135	3,123	2,660
95	70	4 256	256,731	760,081	2,961	2,497
96	71	3 059	179,121	503,350	2,810	2,347
97	72	2 135	121,406	324,229	2,671	2,207
98	73	1 446	79,806	202,823	2,541	2,078
99	74	948	50,801	123,017	2,422	1,958
100	75	601	31,254	72,216	2,311	1,847

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	0	100 000	100 000,000	2 820 150,954	28,202	27,738	50	50	93 336	18 860,099	324 615,684	17,212	16,748
1	1	99 299	96 173,529	2 720 150,954	28,284	27,820	51	51	92 757	18 153,280	305 755,585	16,843	16,379
2	2	99 240	93 091,217	2 623 977,425	28,187	27,724	52	52	92 093	17 455,873	287 602,305	16,476	16,012
3	3	99 207	90 130,542	2 530 886,207	28,080	27,617	53	53	91 380	16 775,599	270 146,432	16,104	15,640
4	4	99 182	87 271,612	2 440 755,665	27,967	27,504	54	54	90 602	16 109,292	253 370,833	15,728	15,265
5	5	99 157	84 503,267	2 353 484,054	27,851	27,387	55	55	89 754	15 456,115	237 261,541	15,351	14,887
6	6	99 136	81 826,244	2 268 980,787	27,729	27,266	56	56	88 831	14 815,636	221 805,426	14,971	14,507
7	7	99 117	79 235,325	2 187 154,543	27,603	27,140	57	57	87 851	14 190,955	206 989,790	14,586	14,122
8	8	99 101	76 728,326	2 107 919,218	27,473	27,009	58	58	86 796	13 579,204	192 798,835	14,198	13,734
9	9	99 085	74 301,486	2 031 190,892	27,337	26,874	59	59	85 653	12 978,592	179 219,631	13,809	13,345
10	10	99 070	71 952,083	1 956 889,406	27,197	26,733	60	60	84 435	12 391,319	166 241,039	13,416	12,952
11	11	99 055	69 676,074	1 884 937,323	27,053	26,589	61	61	83 107	11 812,555	153 849,720	13,024	12,561
12	12	99 038	67 471,694	1 815 261,248	26,904	26,440	62	62	81 707	11 247,801	142 037,166	12,628	12,164
13	13	99 019	65 335,355	1 747 789,555	26,751	26,287	63	63	80 218	10 695,435	130 789,185	12,229	11,765
14	14	98 999	63 266,110	1 682 454,199	26,593	26,130	64	64	78 670	10 158,891	120 093,750	11,822	11,358
15	15	98 974	61 258,845	1 619 188,090	26,432	25,968	65	65	76 991	9 629,135	109 934,859	11,417	10,953
16	16	98 944	59 312,576	1 557 929,245	26,266	25,803	66	66	75 240	9 113,860	100 305,724	11,006	10,542
17	17	98 903	57 421,839	1 498 616,669	26,098	25,635	67	67	73 362	8 606,716	91 191,864	10,595	10,132
18	18	98 853	55 586,609	1 441 194,830	25,927	25,463	68	68	71 392	8 111,993	82 585,148	10,181	9,717
19	19	98 783	53 798,697	1 385 608,221	25,755	25,292	69	69	69 345	7 631,377	74 473,155	9,759	9,295
20	20	98 714	52 069,056	1 331 809,523	25,578	25,114	70	70	67 172	7 159,513	66 841,777	9,336	8,872
21	21	98 639	50 391,764	1 279 740,467	25,396	24,932	71	71	64 881	6 697,638	59 682,264	8,911	8,447
22	22	98 566	48 768,999	1 229 348,703	25,208	24,744	72	72	62 449	6 243,663	52 984,627	8,486	8,023
23	23	98 491	47 198,208	1 180 579,704	25,013	24,550	73	73	59 876	5 798,027	46 740,964	8,062	7,598
24	24	98 417	45 678,208	1 133 381,496	24,812	24,349	74	74	57 144	5 359,311	40 942,937	7,640	7,176
25	25	98 342	44 206,703	1 087 703,287	24,605	24,141	75	75	54 182	4 921,510	35 583,625	7,230	6,767
26	26	98 266	42 782,273	1 043 496,585	24,391	23,927	76	76	51 034	4 489,693	30 662,116	6,829	6,366
27	27	98 186	41 401,739	1 000 714,312	24,171	23,707	77	77	47 712	4 065,331	26 172,422	6,438	5,974
28	28	98 098	40 062,391	959 312,572	23,945	23,482	78	78	44 221	3 649,255	22 107,092	6,058	5,594
29	29	98 014	38 768,225	919 250,182	23,711	23,248	79	79	40 542	3 240,346	18 457,836	5,696	5,233
30	30	97 921	37 512,460	880 481,957	23,472	23,008	80	80	36 771	2 846,410	15 217,490	5,346	4,883
31	31	97 831	36 298,155	842 969,497	23,223	22,760	81	81	32 943	2 469,826	12 371,080	5,009	4,545
32	32	97 732	35 119,896	806 671,342	22,969	22,505	82	82	29 089	2 112,266	9 901,254	4,688	4,224
33	33	97 625	33 977,375	771 551,446	22,708	22,244	83	83	25 277	1 777,693	7 788,989	4,382	3,918
34	34	97 515	32 870,726	737 574,071	22,439	21,975	84	84	21 610	1 471,908	6 011,295	4,084	3,620
35	35	97 396	31 797,290	704 703,345	22,162	21,699	85	85	18 078	1 192,628	4 539,387	3,806	3,343
36	36	97 276	30 758,299	672 906,055	21,877	21,414	86	86	14 781	944,401	3 346,759	3,544	3,080
37	37	97 144	29 749,736	642 147,756	21,585	21,121	87	87	11 769	728,316	2 402,359	3,299	2,835
38	38	97 000	28 770,600	612 398,020	21,286	20,822	88	88	9 075	543,932	1 674,043	3,078	2,614
39	39	96 839	27 818,864	583 627,420	20,980	20,516	89	89	6 784	393,812	1 130,111	2,870	2,406
40	40	96 664	26 894,475	555 808,556	20,666	20,203	90	90	4 850	272,669	736,299	2,700	2,237
41	41	96 472	25 996,130	528 914,081	20,346	19,882	91	91	3 378	183,923	463,630	2,521	2,057
42	42	96 263	25 123,216	502 917,952	20,018	19,554	92	92	2 223	117,212	279,706	2,386	1,923
43	43	96 030	24 273,574	477 794,736	19,684	19,220	93	93	1 412	72,128	162,494	2,253	1,789
44	44	95 760	23 443,563	453 521,162	19,345	18,882	94	94	857	42,384	90,367	2,132	1,668
45	45	95 463	22 635,007	430 077,600	19,001	18,537	95	95	495	23,720	47,983	2,023	1,559
46	46	95 130	21 846,204	407 442,592	18,650	18,187	96	96	272	12,610	24,262	1,924	1,460
47	47	94 761	21 076,474	385 596,388	18,295	17,831	97	97	141	6,351	11,652	1,835	1,371
48	48	94 333	20 320,843	364 519,914	17,938	17,475	98	98	69	3,023	5,301	1,754	1,290
49	49	93 864	19 583,387	344 199,071	17,576	17,112	99	99	32	1,356	2,278	1,681	1,217
							100	100	14	0,571	0,923	1,614	1,151

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß 3,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	1	99 685	99 684,731	2 815 758,411	28,247	27,783	50	51	93 130	18 818,550	321 236,906	17,070	16,607
1	2	99 273	96 148,143	2 716 073,679	28,249	27,785	51	52	92 530	18 108,863	302 418,356	16,700	16,236
2	3	99 226	93 077,352	2 619 925,536	28,148	27,684	52	53	91 840	17 407,950	284 309,493	16,332	15,869
3	4	99 196	90 120,471	2 526 848,184	28,039	27,575	53	54	91 105	16 725,162	266 901,543	15,958	15,494
4	5	99 170	87 261,211	2 436 727,713	27,925	27,461	54	55	90 313	16 057,884	250 176,380	15,580	15,116
5	6	99 147	84 494,725	2 349 466,502	27,806	27,342	55	56	89 436	15 401,351	234 118,497	15,201	14,738
6	7	99 128	81 819,118	2 264 971,777	27,683	27,219	56	57	88 496	14 759,748	218 717,146	14,818	14,355
7	8	99 109	79 228,524	2 183 152,659	27,555	27,092	57	58	87 500	14 134,240	203 957,397	14,430	13,966
8	9	99 093	76 722,675	2 103 924,135	27,422	26,959	58	59	86 413	13 519,288	189 823,157	14,041	13,577
9	10	99 078	74 296,361	2 027 201,459	27,285	26,822	59	60	85 248	12 917,307	176 303,869	13,649	13,185
10	11	99 063	71 946,977	1 952 905,099	27,144	26,680	60	61	83 980	12 324,538	163 386,562	13,257	12,793
11	12	99 047	69 670,503	1 880 958,122	26,998	26,534	61	62	82 629	11 744,671	151 062,024	12,862	12,399
12	13	99 030	67 466,262	1 811 287,619	26,847	26,384	62	63	81 191	11 177,033	139 317,353	12,465	12,001
13	14	99 010	65 329,503	1 743 821,357	26,693	26,229	63	64	79 678	10 623,370	128 140,320	12,062	11,598
14	15	98 989	63 259,252	1 678 491,854	26,534	26,070	64	65	78 092	10 084,229	117 516,950	11,654	11,190
15	16	98 961	61 251,139	1 615 232,602	26,371	25,907	65	66	76 390	9 553,933	107 432,721	11,245	10,781
16	17	98 928	59 303,450	1 553 981,463	26,204	25,740	66	67	74 596	9 035,898	97 878,788	10,832	10,369
17	18	98 887	57 412,624	1 494 678,013	26,034	25,570	67	68	72 692	8 528,117	88 842,890	10,418	9,954
18	19	98 831	55 573,912	1 437 265,389	25,862	25,399	68	69	70 699	8 033,221	80 314,774	9,998	9,534
19	20	98 763	53 787,586	1 381 691,477	25,688	25,224	69	70	68 609	7 550,321	72 281,553	9,573	9,110
20	21	98 693	52 057,497	1 327 903,891	25,508	25,045	70	71	66 392	7 076,429	64 731,232	9,147	8,684
21	22	98 619	50 381,218	1 275 846,393	25,324	24,860	71	72	64 045	6 611,391	57 654,803	8,721	8,257
22	23	98 543	48 758,059	1 225 465,175	25,134	24,670	72	73	61 545	6 153,269	51 043,412	8,295	7,832
23	24	98 469	47 187,419	1 176 707,117	24,937	24,473	73	74	58 903	5 703,744	44 890,144	7,870	7,407
24	25	98 397	45 668,975	1 129 519,698	24,733	24,269	74	75	56 081	5 259,588	39 186,399	7,450	6,987
25	26	98 321	44 196,978	1 083 850,722	24,523	24,060	75	76	53 019	4 815,904	33 926,812	7,045	6,581
26	27	98 243	42 772,148	1 039 653,744	24,307	23,843	76	77	49 784	4 379,728	29 110,908	6,647	6,183
27	28	98 160	41 390,617	996 881,596	24,085	23,621	77	78	46 390	3 952,625	24 731,179	6,257	5,793
28	29	98 073	40 052,260	955 490,979	23,856	23,392	78	79	42 803	3 532,230	20 778,555	5,883	5,419
29	30	97 986	38 757,101	915 438,719	23,620	23,156	79	80	39 070	3 122,702	17 246,325	5,523	5,059
30	31	97 894	37 501,843	876 681,618	23,377	22,913	80	81	35 235	2 727,528	14 123,622	5,178	4,715
31	32	97 801	36 287,193	839 179,776	23,126	22,662	81	82	31 375	2 352,286	11 396,094	4,845	4,381
32	33	97 697	35 107,447	802 892,583	22,870	22,406	82	83	27 485	1 995,787	9 043,808	4,531	4,068
33	34	97 589	33 964,951	767 785,136	22,605	22,142	83	84	23 692	1 666,211	7 048,022	4,230	3,766
34	35	97 474	32 856,764	733 820,185	22,334	21,870	84	85	20 047	1 365,466	5 381,810	3,941	3,478
35	36	97 358	31 784,643	700 963,421	22,054	21,590	85	86	16 582	1 093,933	4 016,345	3,671	3,208
36	37	97 230	30 743,682	669 178,779	21,766	21,303	86	87	13 388	855,417	2 922,412	3,416	2,953
37	38	97 092	29 733,859	638 435,096	21,472	21,008	87	88	10 495	649,445	2 066,996	3,183	2,719
38	39	96 946	28 754,583	608 701,238	21,169	20,705	88	89	7 966	477,416	1 417,550	2,969	2,506
39	40	96 775	27 800,460	579 946,655	20,861	20,397	89	90	5 824	338,081	940,134	2,781	2,317
40	41	96 596	26 875,481	552 146,194	20,545	20,081	90	91	4 099	230,461	602,053	2,612	2,149
41	42	96 395	25 975,294	525 270,713	20,222	19,758	91	92	2 778	151,243	371,592	2,457	1,993
42	43	96 177	25 100,854	499 295,419	19,892	19,428	92	93	1 802	95,032	220,349	2,319	1,855
43	44	95 932	24 248,719	474 194,565	19,555	19,092	93	94	1 119	57,179	125,317	2,192	1,728
44	45	95 653	23 417,232	449 945,846	19,214	18,751	94	95	663	32,810	68,138	2,077	1,613
45	46	95 341	22 606,278	426 528,614	18,868	18,404	95	96	374	17,908	35,328	1,973	1,509
46	47	94 996	21 815,420	403 922,336	18,515	18,052	96	97	200	9,272	17,420	1,879	1,415
47	48	94 606	21 042,012	382 106,916	18,159	17,696	97	98	101	4,543	8,148	1,794	1,330
48	49	94 166	20 284,907	361 064,904	17,800	17,336	98	99	48	2,100	3,605	1,717	1,253
49	50	93 671	19 543,092	340 779,998	17,437	16,974	99	100	22	0,914	1,505	1,647	1,183

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	2	99 658	99 658,418	2 811 360,803	28,210	27,746	50	52	92 902	18 772,505	317 604,489	16,919	16,455
1	3	99 258	96 133,822	2 711 702,385	28,208	27,744	51	53	92 276	18 059,147	298 831,983	16,547	16,084
2	4	99 215	93 066,952	2 615 568,563	28,104	27,641	52	54	91 564	17 355,613	280 772,836	16,178	15,714
3	5	99 184	90 109,731	2 522 501,610	27,994	27,530	53	55	90 815	16 671,789	263 417,224	15,800	15,337
4	6	99 160	87 252,391	2 432 391,880	27,878	27,414	54	56	89 993	16 000,988	246 745,435	15,421	14,957
5	7	99 138	84 487,367	2 345 139,489	27,757	27,294	55	57	89 099	15 343,254	230 744,447	15,039	14,575
6	8	99 119	81 812,095	2 260 652,122	27,632	27,169	56	58	88 142	14 700,760	215 401,193	14,652	14,189
7	9	99 101	79 222,690	2 178 840,027	27,503	27,039	57	59	87 113	14 071,876	200 700,433	14,263	13,799
8	10	99 086	76 717,383	2 099 617,337	27,368	26,905	58	60	86 005	13 455,450	186 628,558	13,870	13,406
9	11	99 071	74 291,088	2 022 899,954	27,229	26,766	59	61	84 789	12 847,691	173 173,108	13,479	13,015
10	12	99 055	71 941,223	1 948 608,867	27,086	26,622	60	62	83 497	12 253,712	160 325,417	13,084	12,620
11	13	99 039	69 664,894	1 876 667,643	26,938	26,475	61	63	82 108	11 670,590	148 071,705	12,688	12,224
12	14	99 021	67 460,219	1 807 002,749	26,786	26,323	62	64	80 644	11 101,724	136 401,115	12,286	11,823
13	15	99 000	65 322,422	1 739 542,530	26,630	26,166	63	65	79 092	10 545,295	125 299,391	11,882	11,418
14	16	98 976	63 251,295	1 674 220,108	26,469	26,006	64	66	77 482	10 005,472	114 754,096	11,469	11,006
15	17	98 946	61 241,714	1 610 968,813	26,305	25,841	65	67	75 736	9 472,206	104 748,624	11,059	10,595
16	18	98 913	59 293,933	1 549 727,099	26,136	25,673	66	68	73 915	8 953,379	95 276,418	10,641	10,178
17	19	98 864	57 399,511	1 490 433,166	25,966	25,502	67	69	71 986	8 445,303	86 323,039	10,221	9,758
18	20	98 810	55 562,434	1 433 033,655	25,791	25,328	68	70	69 948	7 947,896	77 877,735	9,799	9,335
19	21	98 741	53 775,645	1 377 471,221	25,615	25,152	69	71	67 813	7 462,701	69 929,839	9,371	8,907
20	22	98 672	52 046,602	1 323 695,576	25,433	24,969	70	72	65 537	6 985,304	62 467,138	8,943	8,479
21	23	98 597	50 369,916	1 271 648,973	25,246	24,783	71	73	63 118	6 515,673	55 481,834	8,515	8,052
22	24	98 521	48 746,913	1 221 279,057	25,053	24,590	72	74	60 544	6 053,209	48 966,161	8,089	7,626
23	25	98 449	47 177,881	1 172 532,144	24,853	24,390	73	75	57 807	5 597,611	42 912,952	7,666	7,203
24	26	98 376	45 658,929	1 125 354,263	24,647	24,183	74	76	54 878	5 146,728	37 315,340	7,250	6,787
25	27	98 297	44 186,518	1 079 695,334	24,435	23,971	75	77	51 721	4 697,949	32 168,612	6,847	6,384
26	28	98 217	42 760,657	1 035 508,816	24,216	23,753	76	78	48 404	4 258,306	27 470,663	6,451	5,987
27	29	98 135	41 380,150	992 748,159	23,991	23,527	77	79	44 902	3 825,871	23 212,357	6,067	5,604
28	30	98 045	40 040,768	951 368,008	23,760	23,296	78	80	41 249	3 403,989	19 386,486	5,695	5,232
29	31	97 958	38 746,132	911 327,240	23,520	23,057	79	81	37 438	2 992,281	15 982,497	5,341	4,878
30	32	97 864	37 490,516	872 581,109	23,275	22,811	80	82	33 558	2 597,724	12 990,216	5,001	4,537
31	33	97 767	36 274,330	835 090,592	23,022	22,558	81	83	29 645	2 222,571	10 392,492	4,676	4,212
32	34	97 661	35 094,610	798 816,263	22,762	22,298	82	84	25 762	1 870,628	8 169,922	4,367	3,904
33	35	97 548	33 950,524	763 721,652	22,495	22,032	83	85	21 979	1 545,718	6 299,294	4,075	3,612
34	36	97 435	32 843,695	729 771,129	22,220	21,756	84	86	18 388	1 252,467	4 753,576	3,795	3,332
35	37	97 311	31 769,538	696 927,434	21,937	21,473	85	87	15 020	990,859	3 501,109	3,533	3,070
36	38	97 178	30 727,275	665 157,896	21,647	21,184	86	88	11 938	762,782	2 510,249	3,291	2,827
37	39	97 038	29 717,305	634 430,621	21,349	20,885	87	89	9 211	570,027	1 747,467	3,066	2,602
38	40	96 882	28 735,561	604 713,315	21,044	20,580	88	90	6 838	409,854	1 177,441	2,873	2,409
39	41	96 707	27 780,827	575 977,755	20,733	20,269	89	91	4 923	285,747	767,587	2,686	2,223
40	42	96 518	26 853,941	548 196,928	20,414	19,950	90	92	3 371	189,511	481,840	2,543	2,079
41	43	96 309	25 952,174	521 342,987	20,089	19,625	91	93	2 252	122,624	292,328	2,384	1,920
42	44	96 078	25 075,152	495 390,814	19,756	19,293	92	94	1 429	75,337	169,705	2,253	1,789
43	45	95 824	24 221,484	470 315,661	19,417	18,954	93	95	867	44,263	94,368	2,132	1,668
44	46	95 532	23 387,510	446 094,178	19,074	18,610	94	96	501	24,770	50,105	2,023	1,559
45	47	95 207	22 574,423	422 706,668	18,725	18,261	95	97	275	13,167	25,335	1,924	1,460
46	48	94 841	21 779,750	400 132,244	18,372	17,908	96	98	143	6,632	12,167	1,835	1,371
47	49	94 439	21 004,800	378 352,495	18,013	17,549	97	99	70	3,156	5,535	1,754	1,290
48	50	93 973	20 243,167	357 347,694	17,653	17,189	98	100	33	1,416	2,379	1,681	1,217
49	51	93 465	19 500,038	337 104,527	17,287	16,824							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	3	99 644	99 643,575	2 806 653,827	28,167	27,703	50	53	92 647	18 720,968	313 709,095	16,757	16,293
1	4	99 247	96 123,081	2 707 010,253	28,162	27,698	51	54	91 999	18 004,851	294 988,128	16,384	15,920
2	5	99 203	93 055,861	2 610 887,172	28,057	27,594	52	55	91 271	17 300,227	276 983,276	16,010	15,547
3	6	99 174	90 100,623	2 517 831,311	27,945	27,481	53	56	90 493	16 612,718	259 683,049	15,632	15,168
4	7	99 152	87 244,792	2 427 730,688	27,827	27,363	54	57	89 654	15 940,629	243 070,332	15,248	14,785
5	8	99 130	84 480,116	2 340 485,896	27,705	27,241	55	58	88 742	15 281,934	227 129,703	14,863	14,399
6	9	99 112	81 806,070	2 256 005,780	27,577	27,114	56	59	87 753	14 635,896	211 847,769	14,475	14,011
7	10	99 095	79 217,225	2 174 199,710	27,446	26,982	57	60	86 702	14 005,428	197 211,873	14,081	13,617
8	11	99 079	76 711,938	2 094 982,485	27,310	26,846	58	61	85 541	13 382,934	183 206,445	13,690	13,226
9	12	99 063	74 285,147	2 018 270,547	27,169	26,706	59	62	84 302	12 773,859	169 823,512	13,295	12,831
10	13	99 047	71 935,432	1 943 985,400	27,024	26,560	60	63	82 970	12 176,420	157 049,652	12,898	12,434
11	14	99 030	69 658,654	1 872 049,968	26,875	26,411	61	64	81 555	11 591,955	144 873,233	12,498	12,034
12	15	99 011	67 452,907	1 802 391,315	26,721	26,257	62	65	80 052	11 020,132	133 281,277	12,094	11,631
13	16	98 987	65 314,205	1 734 938,408	26,563	26,099	63	66	78 474	10 462,937	122 261,145	11,685	11,222
14	17	98 961	63 241,562	1 669 624,202	26,401	25,937	64	67	76 819	9 919,883	111 798,207	11,270	10,806
15	18	98 930	61 231,887	1 606 382,640	26,234	25,771	65	68	75 045	9 385,703	101 878,325	10,855	10,391
16	19	98 890	59 280,390	1 545 150,753	26,065	25,601	66	69	73 197	8 866,436	92 492,622	10,432	9,968
17	20	98 844	57 387,655	1 485 870,364	25,892	25,428	67	70	71 222	8 355,602	83 626,185	10,008	9,545
18	21	98 788	55 550,100	1 428 482,708	25,715	25,252	68	71	69 136	7 855,663	75 270,584	9,582	9,118
19	22	98 720	53 764,391	1 372 932,609	25,536	25,072	69	72	66 939	7 366,603	67 414,921	9,151	8,688
20	23	98 650	52 034,927	1 319 168,218	25,352	24,888	70	73	64 589	6 884,173	60 048,318	8,723	8,259
21	24	98 574	50 358,402	1 267 133,291	25,162	24,699	71	74	62 092	6 409,720	53 164,146	8,294	7,831
22	25	98 501	48 737,060	1 216 774,889	24,966	24,502	72	75	59 417	5 940,574	46 754,425	7,870	7,407
23	26	98 427	47 167,503	1 168 037,829	24,764	24,300	73	76	56 566	5 477,498	40 813,851	7,451	6,988
24	27	98 352	45 648,123	1 120 870,326	24,555	24,091	74	77	53 534	5 020,670	35 336,353	7,038	6,575
25	28	98 271	44 174,648	1 075 222,203	24,340	23,877	75	78	50 287	4 567,705	30 315,683	6,637	6,173
26	29	98 192	42 749,844	1 031 047,555	24,118	23,655	76	79	46 852	4 121,749	25 747,978	6,247	5,783
27	30	98 107	41 368,277	988 297,711	23,890	23,427	77	80	43 272	3 686,969	21 626,229	5,866	5,402
28	31	98 017	40 029,435	946 929,434	23,656	23,192	78	81	39 526	3 261,820	17 939,260	5,500	5,036
29	32	97 928	38 734,429	906 899,998	23,413	22,950	79	82	35 657	2 849,877	14 677,440	5,150	4,687
30	33	97 829	37 477,227	868 165,569	23,165	22,702	80	83	31 708	2 454,474	11 827,563	4,819	4,355
31	34	97 731	36 261,066	830 688,342	22,909	22,445	81	84	27 786	2 083,190	9 373,089	4,499	4,036
32	35	97 620	35 079,703	794 427,276	22,646	22,183	82	85	23 899	1 735,352	7 289,899	4,201	3,737
33	36	97 509	33 937,020	759 347,573	22,375	21,912	83	86	20 160	1 417,803	5 554,547	3,918	3,454
34	37	97 388	32 828,087	725 410,553	22,097	21,634	84	87	16 655	1 134,456	4 136,744	3,646	3,183
35	38	97 259	31 752,583	692 582,466	21,812	21,348	85	88	13 393	883,558	3 002,288	3,398	2,934
36	39	97 124	30 710,169	660 829,883	21,518	21,055	86	89	10 478	669,504	2 118,730	3,165	2,701
37	40	96 974	29 697,646	630 119,714	21,218	20,754	87	90	7 908	489,358	1 449,227	2,961	2,498
38	41	96 813	28 715,267	600 422,068	20,910	20,446	88	91	5 780	346,410	959,869	2,771	2,307
39	42	96 629	27 758,561	571 706,801	20,596	20,132	89	92	4 048	234,974	613,458	2,611	2,147
40	43	96 433	26 830,038	543 948,241	20,274	19,810	90	93	2 733	153,651	378,484	2,463	2,000
41	44	96 210	25 925,600	517 118,203	19,946	19,483	91	94	1 785	97,210	224,834	2,313	1,849
42	45	95 971	25 046,989	491 192,602	19,611	19,147	92	95	1 106	58,319	127,624	2,188	1,725
43	46	95 702	24 190,741	466 145,613	19,270	18,806	93	96	654	33,416	69,305	2,074	1,610
44	47	95 397	23 354,554	441 954,872	18,924	18,460	94	97	368	18,213	35,888	1,970	1,507
45	48	95 051	22 537,512	418 600,318	18,573	18,110	95	98	197	9,418	17,675	1,877	1,413
46	49	94 673	21 741,234	396 062,806	18,217	17,754	96	99	99	4,608	8,257	1,792	1,328
47	50	94 245	20 961,580	374 321,573	17,858	17,394	97	100	47	2,128	3,649	1,715	1,252
48	51	93 766	20 198,572	353 359,993	17,494	17,031							
49	52	93 236	19 452,326	333 161,421	17,127	16,663							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	4	99 632	99 632,441	2 801 610,792	28,119	27,656	50	54	92 368	18 664,682	309 543,158	16,584	16,121
1	5	99 235	96 111,625	2 701 978,351	28,113	27,649	51	55	91 705	17 947,394	290 878,476	16,207	15,744
2	6	99 193	93 046,455	2 605 866,725	28,006	27,542	52	56	90 948	17 238,929	272 931,082	15,832	15,369
3	7	99 165	90 092,776	2 512 820,270	27,891	27,428	53	57	90 151	16 550,051	255 692,152	15,450	14,986
4	8	99 143	87 237,304	2 422 727,494	27,772	27,308	54	58	89 295	15 876,921	239 142,101	15,062	14,599
5	9	99 123	84 473,894	2 335 490,190	27,647	27,184	55	59	88 351	15 214,505	223 265,180	14,674	14,211
6	10	99 105	81 800,427	2 251 016,296	27,518	27,055	56	60	87 339	14 566,785	208 050,675	14,283	13,819
7	11	99 088	79 211,603	2 169 215,869	27,385	26,921	57	61	86 235	13 929,948	193 483,890	13,890	13,426
8	12	99 071	76 705,804	2 090 004,267	27,247	26,783	58	62	85 050	13 306,026	179 553,942	13,494	13,031
9	13	99 055	74 279,167	2 013 298,463	27,104	26,641	59	63	83 770	12 693,286	166 247,916	13,097	12,634
10	14	99 039	71 928,988	1 939 019,296	26,957	26,494	60	64	82 411	12 094,377	153 554,630	12,696	12,233
11	15	99 019	69 651,104	1 867 090,308	26,806	26,343	61	65	80 956	11 506,761	141 460,253	12,294	11,830
12	16	98 998	67 444,422	1 797 439,204	26,651	26,187	62	66	79 427	10 934,067	129 953,492	11,885	11,422
13	17	98 972	65 304,155	1 729 994,782	26,491	26,028	63	67	77 803	10 373,435	119 019,426	11,473	11,010
14	18	98 945	63 231,414	1 664 690,627	26,327	25,863	64	68	76 118	9 829,291	108 645,991	11,053	10,590
15	19	98 908	61 217,901	1 601 459,213	26,160	25,696	65	69	74 316	9 294,562	98 816,699	10,632	10,168
16	20	98 869	59 268,146	1 540 241,312	25,988	25,524	66	70	72 420	8 772,261	89 522,138	10,205	9,742
17	21	98 822	57 374,916	1 480 973,167	25,812	25,349	67	71	70 395	8 258,637	80 749,876	9,778	9,314
18	22	98 768	55 538,474	1 423 598,251	25,633	25,169	68	72	68 246	7 754,504	72 491,239	9,348	8,885
19	23	98 698	53 752,330	1 368 059,777	25,451	24,988	69	73	65 970	7 259,951	64 736,735	8,917	8,453
20	24	98 627	52 023,033	1 314 307,447	25,264	24,800	70	74	63 538	6 772,228	57 476,784	8,487	8,024
21	25	98 554	50 348,223	1 262 284,414	25,071	24,607	71	75	60 936	6 290,451	50 704,556	8,061	7,597
22	26	98 479	48 726,339	1 211 936,192	24,872	24,409	72	76	58 142	5 813,102	44 414,105	7,640	7,177
23	27	98 404	47 156,340	1 163 209,853	24,667	24,203	73	77	55 181	5 343,339	38 601,004	7,224	6,761
24	28	98 326	45 635,860	1 116 053,513	24,456	23,992	74	78	52 049	4 881,479	33 257,665	6,813	6,349
25	29	98 246	44 163,477	1 070 417,653	24,238	23,774	75	79	48 674	4 421,226	28 376,186	6,418	5,955
26	30	98 164	42 737,578	1 026 254,176	24,013	23,549	76	80	45 151	3 972,106	23 954,960	6,031	5,567
27	31	98 079	41 356,569	983 516,598	23,781	23,318	77	81	41 464	3 532,981	19 982,854	5,656	5,192
28	32	97 987	40 017,345	942 160,029	23,544	23,080	78	82	37 645	3 106,588	16 449,874	5,295	4,832
29	33	97 894	38 720,699	902 142,683	23,299	22,835	79	83	33 690	2 692,723	13 343,285	4,955	4,492
30	34	97 794	37 463,524	863 421,984	23,047	22,583	80	84	29 719	2 300,551	10 650,563	4,630	4,166
31	35	97 690	36 245,664	825 958,460	22,788	22,324	81	85	25 776	1 932,542	8 350,012	4,321	3,857
32	36	97 581	35 065,750	789 712,797	22,521	22,057	82	86	21 921	1 591,743	6 417,470	4,032	3,568
33	37	97 463	33 920,892	754 647,047	22,247	21,784	83	87	18 260	1 284,214	4 825,726	3,758	3,294
34	38	97 337	32 810,567	720 726,154	21,966	21,503	84	88	14 852	1 011,604	3 541,513	3,501	3,037
35	39	97 205	31 734,906	687 915,587	21,677	21,213	85	89	11 756	775,510	2 529,909	3,262	2,799
36	40	97 059	30 689,852	656 180,681	21,381	20,917	86	90	8 996	574,758	1 754,399	3,052	2,589
37	41	96 905	29 676,673	625 490,829	21,077	20,613	87	91	6 684	413,608	1 179,641	2,852	2,388
38	42	96 736	28 692,252	595 814,156	20,766	20,302	88	92	4 753	284,858	766,033	2,689	2,226
39	43	96 543	27 733,853	567 121,905	20,449	19,985	89	93	3 282	190,511	481,176	2,526	2,062
40	44	96 334	26 802,566	539 388,052	20,124	19,661	90	94	2 167	121,806	290,665	2,386	1,923
41	45	96 102	25 896,482	512 585,486	19,794	19,330	91	95	1 382	75,252	168,859	2,244	1,780
42	46	95 849	25 015,198	486 689,004	19,456	18,992	92	96	835	44,028	93,607	2,126	1,662
43	47	95 567	24 156,654	461 673,805	19,112	18,648	93	97	481	24,571	49,579	2,018	1,554
44	48	95 241	23 316,367	437 517,152	18,764	18,301	94	98	263	13,027	25,008	1,920	1,456
45	49	94 883	22 497,656	414 200,785	18,411	17,947	95	99	137	6,544	11,981	1,831	1,367
46	50	94 478	21 696,498	391 703,129	18,054	17,590	96	100	67	3,106	5,438	1,751	1,287
47	51	94 037	20 915,402	370 006,631	17,691	17,227							
48	52	93 536	20 149,150	349 091,230	17,325	16,862							
49	53	92 980	19 398,922	328 942,080	16,957	16,493							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	5	99 621	99 620,567	2 796 213,192	28,069	27,605	50	55	92 074	18 605,119	305 099,160	16,399	15,935
1	6	99 225	96 101,911	2 696 592,625	28,060	27,596	51	56	91 380	17 883,803	286 494,041	16,020	15,556
2	7	99 184	93 038,352	2 600 490,714	27,951	27,487	52	57	90 605	17 173,901	268 610,238	15,641	15,177
3	8	99 157	90 085,044	2 507 452,362	27,834	27,371	53	58	89 791	16 483,908	251 436,337	15,253	14,790
4	9	99 136	87 230,879	2 417 367,319	27,712	27,249	54	59	88 901	15 806,867	234 952,429	14,864	14,400
5	10	99 116	84 468,067	2 330 136,439	27,586	27,122	55	60	87 934	15 142,662	219 145,562	14,472	14,008
6	11	99 098	81 794,622	2 245 668,373	27,455	26,991	56	61	86 868	14 488,279	204 002,900	14,081	13,617
7	12	99 080	79 205,268	2 163 873,751	27,320	26,856	57	62	85 739	13 849,896	189 514,621	13,683	13,220
8	13	99 064	76 699,629	2 084 668,483	27,180	26,716	58	63	84 513	13 222,096	175 664,725	13,286	12,822
9	14	99 046	74 272,513	2 007 968,854	27,035	26,572	59	64	83 205	12 607,760	162 442,629	12,884	12,421
10	15	99 028	71 921,192	1 933 696,341	26,886	26,423	60	65	81 806	12 005,490	149 834,868	12,481	12,017
11	16	99 007	69 642,342	1 861 775,148	26,733	26,270	61	66	80 323	11 416,895	137 829,378	12,072	11,609
12	17	98 983	67 434,044	1 792 132,806	26,576	26,112	62	67	78 747	10 840,534	126 412,483	11,661	11,197
13	18	98 956	65 293,675	1 724 698,762	26,414	25,951	63	68	77 092	10 278,701	115 571,949	11,244	10,780
14	19	98 922	63 216,971	1 659 405,086	26,249	25,786	64	69	75 379	9 733,843	105 293,248	10,817	10,354
15	20	98 887	61 205,257	1 596 188,115	26,079	25,616	65	70	73 527	9 195,839	95 559,405	10,392	9,928
16	21	98 848	59 254,989	1 534 982,858	25,905	25,441	66	71	71 579	8 670,462	86 363,566	9,961	9,497
17	22	98 801	57 362,908	1 475 727,870	25,726	25,263	67	72	69 489	8 152,289	77 693,104	9,530	9,067
18	23	98 746	55 526,015	1 418 364,962	25,544	25,081	68	73	67 258	7 642,236	69 540,815	9,100	8,636
19	24	98 675	53 740,043	1 362 838,947	25,360	24,896	69	74	64 897	7 141,896	61 898,578	8,667	8,203
20	25	98 607	52 012,517	1 309 098,904	25,169	24,705	70	75	62 356	6 646,213	54 756,683	8,239	7,775
21	26	98 533	50 337,147	1 257 086,387	24,973	24,510	71	76	59 629	6 155,471	48 110,469	7,816	7,352
22	27	98 456	48 714,807	1 206 749,240	24,772	24,308	72	77	56 718	5 670,722	41 954,998	7,399	6,935
23	28	98 377	47 143,671	1 158 034,433	24,564	24,100	73	78	53 651	5 195,202	36 284,276	6,984	6,521
24	29	98 301	45 624,320	1 110 890,761	24,349	23,885	74	79	50 380	4 724,938	31 089,074	6,580	6,116
25	30	98 218	44 150,806	1 065 266,442	24,128	23,664	75	80	46 907	4 260,709	26 364,136	6,188	5,724
26	31	98 136	42 725,482	1 021 115,636	23,899	23,436	76	81	43 265	3 806,208	22 103,426	5,807	5,344
27	32	98 049	41 344,078	978 390,154	23,665	23,201	77	82	39 491	3 364,845	18 297,218	5,438	4,974
28	33	97 953	40 003,160	937 046,075	23,424	22,961	78	83	35 569	2 935,278	14 932,373	5,087	4,624
29	34	97 858	38 706,541	897 042,915	23,175	22,712	79	84	31 578	2 523,858	11 997,096	4,753	4,290
30	35	97 752	37 447,610	858 336,374	22,921	22,457	80	85	27 570	2 134,185	9 473,238	4,439	3,975
31	36	97 651	36 231,247	820 888,763	22,657	22,193	81	86	23 643	1 772,615	7 339,053	4,140	3,677
32	37	97 535	35 049,086	784 657,517	22,387	21,924	82	87	19 855	1 441,765	5 566,438	3,861	3,397
33	38	97 411	33 902,789	749 608,430	22,111	21,647	83	88	16 283	1 145,144	4 124,673	3,602	3,138
34	39	97 282	32 792,301	715 705,641	21,825	21,362	84	89	13 036	887,898	2 979,529	3,356	2,892
35	40	97 141	31 713,912	682 913,340	21,534	21,070	85	90	10 092	665,762	2 091,631	3,142	2,678
36	41	96 991	30 668,178	651 199,428	21,234	20,770	86	91	7 603	485,788	1 425,869	2,935	2,472
37	42	96 828	29 652,887	620 531,250	20,927	20,463	87	92	5 496	340,115	940,081	2,764	2,300
38	43	96 650	28 666,713	590 878,363	20,612	20,148	88	93	3 853	230,955	599,966	2,598	2,134
39	44	96 445	27 705,455	562 211,650	20,292	19,829	89	94	2 602	151,027	369,011	2,443	1,980
40	45	96 226	26 772,463	534 506,195	19,965	19,501	90	95	1 677	94,292	217,984	2,312	1,848
41	46	95 980	25 863,613	507 733,732	19,631	19,168	91	96	1 043	56,811	123,691	2,177	1,714
42	47	95 714	24 979,949	481 870,119	19,290	18,827	92	97	614	32,374	66,880	2,066	1,602
43	48	95 411	24 117,155	456 890,170	18,945	18,481	93	98	344	17,574	34,507	1,964	1,500
44	49	95 072	23 275,134	432 773,015	18,594	18,130	94	99	183	9,051	16,933	1,871	1,407
45	50	94 688	22 451,363	409 497,881	18,239	17,776	95	100	92	4,411	7,882	1,787	1,323
46	51	94 270	21 648,701	387 046,518	17,879	17,415							
47	52	93 807	20 864,226	365 397,817	17,513	17,050							
48	53	93 279	20 093,833	344 533,592	17,146	16,683							
49	54	92 701	19 340,598	324 439,759	16,775	16,311							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	6	99 610	99 610,498	2 790 447,635	28,014	27,550	50	56	91 747	18 539,198	300 368,939	16,202	15,738
1	7	99 217	96 093,541	2 690 837,137	28,002	27,539	51	57	91 036	17 816,342	281 829,740	15,819	15,355
2	8	99 176	93 030,367	2 594 743,596	27,891	27,428	52	58	90 243	17 105,264	264 013,398	15,435	14,971
3	9	99 150	90 078,409	2 501 713,230	27,773	27,309	53	59	89 395	16 411,176	246 908,134	15,045	14,581
4	10	99 129	87 224,862	2 411 634,820	27,648	27,185	54	60	88 482	15 732,227	230 496,959	14,651	14,188
5	11	99 109	84 462,072	2 324 409,958	27,520	27,057	55	61	87 460	15 061,053	214 764,732	14,260	13,796
6	12	99 090	81 788,081	2 239 947,886	27,387	26,924	56	62	86 369	14 405,019	199 703,679	13,863	13,400
7	13	99 072	79 198,892	2 158 159,806	27,250	26,786	57	63	85 198	13 762,536	185 298,660	13,464	13,000
8	14	99 055	76 692,758	2 078 960,913	27,108	26,644	58	64	83 944	13 133,008	171 536,124	13,061	12,598
9	15	99 036	74 264,463	2 002 268,155	26,961	26,498	59	65	82 594	12 515,101	158 403,116	12,657	12,193
10	16	99 015	71 912,145	1 928 003,692	26,811	26,347	60	66	81 167	11 911,729	145 888,015	12,247	11,784
11	17	98 991	69 631,626	1 856 091,547	26,656	26,192	61	67	79 636	11 319,232	133 976,286	11,836	11,373
12	18	98 967	67 423,223	1 786 459,920	26,496	26,033	62	68	78 028	10 741,535	122 657,054	11,419	10,955
13	19	98 933	65 278,762	1 719 036,697	26,334	25,870	63	69	76 344	10 178,889	111 915,520	10,995	10,531
14	20	98 902	63 203,914	1 653 757,936	26,165	25,702	64	70	74 578	9 630,455	101 736,631	10,564	10,100
15	21	98 865	61 191,670	1 590 554,022	25,993	25,529	65	71	72 673	9 089,124	92 106,176	10,134	9,670
16	22	98 827	59 242,587	1 529 362,352	25,815	25,352	66	72	70 657	8 558,811	83 017,052	9,700	9,236
17	23	98 779	57 350,040	1 470 119,764	25,634	25,171	67	73	68 483	8 034,262	74 458,242	9,268	8,804
18	24	98 723	55 513,323	1 412 769,725	25,449	24,986	68	74	66 164	7 517,964	66 423,979	8,835	8,372
19	25	98 656	53 729,180	1 357 256,402	25,261	24,797	69	75	63 690	7 009,002	58 906,015	8,404	7,941
20	26	98 586	52 001,075	1 303 527,222	25,067	24,604	70	76	61 018	6 503,599	51 897,012	7,980	7,516
21	27	98 509	50 325,234	1 251 526,147	24,869	24,405	71	77	58 168	6 004,706	45 393,413	7,560	7,096
22	28	98 430	48 701,720	1 201 200,912	24,664	24,201	72	78	55 146	5 513,509	39 388,706	7,144	6,680
23	29	98 352	47 131,750	1 152 499,193	24,453	23,989	73	79	51 930	5 028,601	33 875,198	6,737	6,273
24	30	98 273	45 611,229	1 105 367,443	24,235	23,771	74	80	48 551	4 553,394	28 846,597	6,335	5,872
25	31	98 190	44 138,310	1 059 756,213	24,010	23,546	75	81	44 948	4 082,759	24 293,202	5,950	5,487
26	32	98 106	42 712,578	1 015 617,904	23,778	23,314	76	82	41 206	3 625,069	20 210,444	5,575	5,112
27	33	98 015	41 329,423	972 905,326	23,540	23,077	77	83	37 313	3 179,293	16 585,374	5,217	4,753
28	34	97 917	39 988,534	931 575,903	23,296	22,832	78	84	33 339	2 751,202	13 406,081	4,873	4,409
29	35	97 816	38 690,100	891 587,369	23,044	22,581	79	85	29 294	2 341,343	10 654,879	4,551	4,087
30	36	97 713	37 432,715	852 897,269	22,785	22,321	80	86	25 288	1 957,571	8 313,536	4,247	3,783
31	37	97 604	36 214,029	815 464,554	22,518	22,054	81	87	21 416	1 605,595	6 355,965	3,959	3,495
32	38	97 483	35 030,381	779 250,525	22,245	21,781	82	88	17 705	1 285,634	4 750,370	3,695	3,231
33	39	97 357	33 883,915	744 220,144	21,964	21,500	83	89	14 292	1 005,108	3 464,736	3,447	2,984
34	40	97 218	32 770,607	710 336,228	21,676	21,212	84	90	11 191	762,245	2 459,629	3,227	2,763
35	41	97 072	31 691,515	677 565,621	21,380	20,916	85	91	8 530	562,705	1 697,383	3,016	2,553
36	42	96 913	30 643,598	645 874,106	21,077	20,613	86	92	6 252	399,470	1 134,678	2,840	2,377
37	43	96 741	29 626,493	615 230,509	20,766	20,303	87	93	4 456	275,757	735,209	2,666	2,203
38	44	96 551	28 637,360	585 604,015	20,449	19,985	88	94	3 055	183,089	459,452	2,509	2,046
39	45	96 336	27 674,338	556 966,655	20,126	19,662	89	95	2 014	116,913	276,363	2,364	1,900
40	46	96 103	26 738,482	529 292,318	19,795	19,332	90	96	1 266	71,186	159,450	2,240	1,776
41	47	95 845	25 827,168	502 553,835	19,458	18,995	91	97	767	41,773	88,265	2,113	1,649
42	48	95 557	24 939,104	476 726,667	19,116	18,652	92	98	439	23,155	46,492	2,008	1,544
43	49	95 242	24 074,505	451 787,563	18,766	18,303	93	99	239	12,210	23,337	1,911	1,448
44	50	94 877	23 227,241	427 713,058	18,414	17,951	94	100	123	6,101	11,127	1,824	1,360
45	51	94 480	22 401,903	404 485,816	18,056	17,592							
46	52	94 040	21 595,731	382 083,913	17,693	17,229							
47	53	93 549	20 806,946	360 488,183	17,325	16,862							
48	54	92 999	20 033,420	339 681,237	16,956	16,492							
49	55	92 405	19 278,878	319 647,817	16,580	16,117							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	7	99 602	99 601,823	2 784 298,777	27,954	27,491	50	57	91 401	18 469,265	295 348,369	15,991	15,528
1	8	99 208	96 085,294	2 684 696,954	27,941	27,477	51	58	90 672	17 745,138	276 879,104	15,603	15,139
2	9	99 168	93 023,515	2 588 611,660	27,827	27,364	52	59	89 845	17 029,790	259 133,967	15,217	14,753
3	10	99 143	90 072,195	2 495 588,144	27,707	27,243	53	60	88 973	16 333,682	242 104,176	14,822	14,359
4	11	99 122	87 218,672	2 405 515,949	27,580	27,117	54	61	88 005	15 647,440	225 770,495	14,429	13,965
5	12	99 101	84 455,318	2 318 297,277	27,450	26,986	55	62	86 957	14 974,501	210 123,054	14,032	13,568
6	13	99 082	81 781,497	2 233 841,960	27,315	26,851	56	63	85 824	14 314,157	195 148,553	13,633	13,170
7	14	99 063	79 191,798	2 152 060,463	27,175	26,712	57	64	84 624	13 669,806	180 834,395	13,229	12,765
8	15	99 044	76 684,446	2 072 868,665	27,031	26,568	58	65	83 327	13 036,488	167 164,589	12,823	12,359
9	16	99 023	74 255,121	1 996 184,219	26,883	26,419	59	66	81 949	12 417,359	154 128,102	12,412	11,949
10	17	99 000	71 901,080	1 921 929,098	26,730	26,267	60	67	80 472	11 809,833	141 710,742	11,999	11,536
11	18	98 975	69 620,452	1 850 028,018	26,573	26,109	61	68	78 909	11 215,861	129 900,909	11,582	11,118
12	19	98 944	67 407,823	1 780 407,566	26,412	25,949	62	69	77 270	10 637,228	118 685,048	11,158	10,694
13	20	98 913	65 265,279	1 712 999,743	26,247	25,783	63	70	75 533	10 070,774	108 047,820	10,729	10,265
14	21	98 880	63 189,884	1 647 734,464	26,076	25,612	64	71	73 713	9 518,696	97 977,047	10,293	9,829
15	22	98 844	61 178,863	1 584 544,580	25,900	25,437	65	72	71 738	8 972,082	88 458,351	9,859	9,396
16	23	98 805	59 229,298	1 523 365,717	25,720	25,256	66	73	69 634	8 434,899	79 486,269	9,424	8,960
17	24	98 756	57 336,931	1 464 136,420	25,536	25,072	67	74	67 369	7 903,616	71 051,371	8,990	8,526
18	25	98 703	55 502,101	1 406 799,489	25,347	24,883	68	75	64 933	7 378,074	63 147,755	8,559	8,095
19	26	98 634	53 717,361	1 351 297,388	25,156	24,692	69	76	62 323	6 858,604	55 769,681	8,131	7,668
20	27	98 562	51 988,768	1 297 580,027	24,959	24,495	70	77	59 524	6 344,308	48 911,078	7,709	7,246
21	28	98 483	50 311,714	1 245 591,259	24,757	24,294	71	78	56 556	5 838,234	42 566,770	7,291	6,827
22	29	98 405	48 689,404	1 195 279,544	24,549	24,085	72	79	53 377	5 336,700	36 728,536	6,882	6,419
23	30	98 324	47 118,227	1 146 590,140	24,334	23,871	73	80	50 045	4 846,033	31 391,836	6,478	6,014
24	31	98 245	45 598,320	1 099 471,913	24,112	23,648	74	81	46 523	4 363,220	26 545,803	6,084	5,620
25	32	98 160	44 124,979	1 053 873,593	23,884	23,420	75	82	42 809	3 888,459	22 182,583	5,705	5,241
26	33	98 072	42 697,438	1 009 748,614	23,649	23,185	76	83	38 934	3 425,168	18 294,125	5,341	4,877
27	34	97 979	41 314,311	967 051,176	23,407	22,944	77	84	34 973	2 979,914	14 868,957	4,990	4,526
28	35	97 875	39 971,548	925 736,865	23,160	22,696	78	85	30 928	2 552,247	11 889,043	4,658	4,195
29	36	97 777	38 674,711	885 765,318	22,903	22,439	79	86	26 870	2 147,586	9 336,796	4,348	3,884
30	37	97 667	37 414,927	847 090,607	22,640	22,177	80	87	22 906	1 773,123	7 189,210	4,055	3,591
31	38	97 552	36 194,702	809 675,680	22,370	21,906	81	88	19 096	1 431,722	5 416,087	3,783	3,319
32	39	97 428	35 010,879	773 480,978	22,093	21,629	82	89	15 540	1 128,418	3 984,364	3,531	3,067
33	40	97 292	33 861,499	738 470,099	21,809	21,345	83	90	12 269	862,868	2 855,947	3,310	2,846
34	41	97 149	32 747,464	704 608,599	21,516	21,053	84	91	9 458	644,253	1 993,079	3,094	2,630
35	42	96 994	31 666,114	671 861,136	21,217	20,753	85	92	7 014	462,720	1 348,826	2,915	2,451
36	43	96 827	30 616,323	640 195,022	20,910	20,447	86	93	5 069	323,880	886,106	2,736	2,272
37	44	96 642	29 596,157	609 578,699	20,597	20,133	87	94	3 533	218,605	562,226	2,572	2,108
38	45	96 442	28 605,196	579 982,542	20,275	19,812	88	95	2 365	141,732	343,621	2,424	1,961
39	46	96 214	27 639,213	551 377,346	19,949	19,485	89	96	1 521	88,263	201,888	2,287	1,824
40	47	95 968	26 700,805	523 738,133	19,615	19,151	90	97	931	52,342	113,626	2,171	1,707
41	48	95 688	25 784,938	497 037,328	19,276	18,813	91	98	549	29,877	61,283	2,051	1,588
42	49	95 388	24 895,001	471 252,390	18,930	18,466	92	99	305	16,088	31,406	1,952	1,489
43	50	95 046	24 024,968	446 357,389	18,579	18,115	93	100	161	8,231	15,318	1,861	1,397
44	51	94 668	23 176,072	422 332,421	18,223	17,759							
45	52	94 248	22 347,090	399 156,349	17,862	17,398							
46	53	93 781	21 536,442	376 809,259	17,496	17,033							
47	54	93 268	20 744,389	355 272,817	17,126	16,663							
48	55	92 702	19 969,489	334 528,428	16,752	16,288							
49	56	92 077	19 210,570	314 558,939	16,374	15,911							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	8	99 593	99 593,274	2 777 752,273	27,891	27,427	50	58	91 036	18 395,451	290 031,860	15,766	15,303
1	9	99 201	96 078,218	2 678 158,998	27,875	27,411	51	59	90 272	17 666,841	271 636,410	15,375	14,912
2	10	99 161	93 017,098	2 582 080,780	27,759	27,296	52	60	89 420	16 949,375	253 969,569	14,984	14,520
3	11	99 136	90 065,803	2 489 063,682	27,636	27,172	53	61	88 493	16 245,654	237 020,193	14,590	14,126
4	12	99 114	87 211,697	2 398 997,879	27,508	27,044	54	62	87 499	15 557,519	220 774,540	14,191	13,727
5	13	99 093	84 448,519	2 311 786,182	27,375	26,911	55	63	86 409	14 880,048	205 217,021	13,791	13,328
6	14	99 073	81 774,171	2 227 337,663	27,238	26,774	56	64	85 246	14 217,711	190 336,973	13,387	12,924
7	15	99 052	79 183,214	2 145 563,492	27,096	26,633	57	65	84 002	13 569,341	176 119,262	12,979	12,516
8	16	99 031	76 674,800	2 066 380,278	26,950	26,486	58	66	82 676	12 934,674	162 549,921	12,567	12,103
9	17	99 008	74 243,696	1 989 705,478	26,800	26,336	59	67	81 248	12 311,138	149 615,247	12,153	11,689
10	18	98 984	71 889,542	1 915 461,782	26,645	26,181	60	68	79 738	11 701,982	137 304,109	11,733	11,270
11	19	98 953	69 604,550	1 843 572,241	26,486	26,023	61	69	78 143	11 106,948	125 602,127	11,308	10,845
12	20	98 924	67 393,100	1 773 967,691	26,322	25,859	62	70	76 450	10 524,244	114 495,179	10,879	10,416
13	21	98 891	65 250,791	1 706 573,790	26,154	25,690	63	71	74 656	9 953,905	103 970,935	10,445	9,982
14	22	98 859	63 176,659	1 641 322,999	25,980	25,516	64	72	72 763	9 396,122	94 017,030	10,006	9,542
15	23	98 822	61 165,139	1 578 146,341	25,801	25,338	65	73	70 699	8 842,186	84 620,908	9,570	9,107
16	24	98 782	59 215,759	1 516 981,202	25,618	25,154	66	74	68 502	8 297,737	75 778,721	9,132	8,669
17	25	98 736	57 325,341	1 457 765,443	25,430	24,966	67	75	66 115	7 756,549	67 480,984	8,700	8,236
18	26	98 681	55 489,892	1 400 440,102	25,238	24,774	68	76	63 540	7 219,755	59 724,436	8,272	7,809
19	27	98 610	53 704,648	1 344 950,210	25,043	24,580	69	77	60 797	6 690,617	52 504,680	7,848	7,384
20	28	98 536	51 974,801	1 291 245,563	24,844	24,380	70	78	57 873	6 168,420	45 814,063	7,427	6,964
21	29	98 458	50 298,992	1 239 270,761	24,638	24,174	71	79	54 742	5 651,012	39 645,643	7,016	6,552
22	30	98 376	48 675,434	1 188 971,769	24,427	23,963	72	80	51 439	5 142,946	33 994,631	6,610	6,146
23	31	98 296	47 104,891	1 140 296,335	24,208	23,744	73	81	47 955	4 643,635	28 851,685	6,213	5,750
24	32	98 215	45 584,548	1 093 191,444	23,982	23,518	74	82	44 309	4 155,572	24 208,049	5,825	5,362
25	33	98 126	44 109,338	1 047 606,896	23,750	23,287	75	83	40 448	3 674,032	20 052,477	5,458	4,994
26	34	98 036	42 681,826	1 003 497,558	23,511	23,047	76	84	36 492	3 210,370	16 378,444	5,102	4,638
27	35	97 937	41 296,762	960 815,732	23,266	22,803	77	85	32 444	2 764,420	13 168,075	4,763	4,300
28	36	97 836	39 955,649	919 518,970	23,013	22,550	78	86	28 368	2 341,037	10 403,655	4,444	3,980
29	37	97 731	38 656,332	879 563,321	22,753	22,290	79	87	24 338	1 945,235	8 062,618	4,145	3,681
30	38	97 615	37 394,959	840 906,989	22,487	22,024	80	88	20 425	1 581,109	6 117,384	3,869	3,405
31	39	97 498	36 174,552	803 512,030	22,212	21,748	81	89	16 761	1 256,641	4 536,275	3,610	3,146
32	40	97 364	34 987,718	767 337,478	21,932	21,468	82	90	13 341	968,727	3 279,633	3,386	2,922
33	41	97 224	33 837,585	732 349,761	21,643	21,179	83	91	10 370	729,300	2 310,906	3,169	2,705
34	42	97 071	32 721,217	698 512,175	21,347	20,884	84	92	7 778	529,778	1 581,606	2,985	2,522
35	43	96 908	31 637,929	665 790,958	21,044	20,580	85	93	5 687	375,161	1 051,828	2,804	2,340
36	44	96 728	30 584,973	634 153,030	20,734	20,271	86	94	4 018	256,755	676,667	2,635	2,172
37	45	96 534	29 562,916	603 568,056	20,416	19,953	87	95	2 735	169,226	419,912	2,481	2,018
38	46	96 320	28 568,889	574 005,140	20,092	19,628	88	96	1 785	107,000	250,686	2,343	1,879
39	47	96 078	27 600,266	545 436,251	19,762	19,298	89	97	1 118	64,899	143,686	2,214	1,750
40	48	95 811	26 657,146	517 835,985	19,426	18,962	90	98	666	37,437	78,787	2,105	1,641
41	49	95 519	25 739,339	491 178,839	19,083	18,619	91	99	381	20,759	41,350	1,992	1,528
42	50	95 192	24 843,776	465 439,500	18,735	18,271	92	100	206	10,845	20,591	1,899	1,435
43	51	94 837	23 972,041	440 595,724	18,380	17,916							
44	52	94 436	23 119,365	416 623,683	18,021	17,557							
45	53	93 990	22 285,739	393 504,318	17,657	17,194							
46	54	93 499	21 471,692	371 218,579	17,289	16,825							
47	55	92 971	20 678,189	349 746,887	16,914	16,450							
48	56	92 374	19 898,734	329 068,698	16,537	16,074							
49	57	91 730	19 138,104	309 169,964	16,155	15,691							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	9	99 586	99 585,940	2 770 795,676	27,823	27,360	50	59	90 634	18 314,285	284 414,557	15,530	15,066
1	10	99 194	96 071,590	2 671 209,736	27,804	27,341	51	60	89 846	17 583,418	266 100,272	15,134	14,670
2	11	99 154	93 010,497	2 575 138,146	27,687	27,223	52	61	88 939	16 858,029	248 516,854	14,742	14,278
3	12	99 128	90 058,601	2 482 127,650	27,561	27,098	53	62	87 985	16 152,295	231 658,825	14,342	13,879
4	13	99 106	87 204,676	2 392 069,049	27,431	26,967	54	63	86 947	15 459,388	215 506,531	13,940	13,477
5	14	99 084	84 440,955	2 304 864,373	27,296	26,832	55	64	85 827	14 779,788	200 047,143	13,535	13,072
6	15	99 063	81 765,308	2 220 423,418	27,156	26,692	56	65	84 619	14 113,219	185 267,355	13,127	12,664
7	16	99 040	79 173,254	2 138 658,110	27,012	26,549	57	66	83 346	13 463,366	171 154,136	12,713	12,249
8	17	99 016	76 663,001	2 059 484,856	26,864	26,401	58	67	81 969	12 824,028	157 690,770	12,297	11,833
9	18	98 992	74 231,782	1 982 821,855	26,711	26,248	59	68	80 506	12 198,709	144 866,742	11,876	11,412
10	19	98 962	71 873,121	1 908 590,073	26,555	26,091	60	69	78 963	11 588,348	132 668,033	11,448	10,985
11	20	98 932	69 590,174	1 836 716,952	26,393	25,930	61	70	77 313	10 988,975	121 079,685	11,018	10,555
12	21	98 902	67 378,940	1 767 126,778	26,227	25,763	62	71	75 562	10 402,113	110 090,709	10,583	10,120
13	22	98 870	65 237,134	1 699 747,838	26,055	25,591	63	72	73 695	9 825,727	99 688,596	10,146	9,682
14	23	98 837	63 162,486	1 634 510,704	25,878	25,414	64	73	71 710	9 260,087	89 862,869	9,704	9,241
15	24	98 800	61 151,158	1 571 348,217	25,696	25,233	65	74	69 549	8 698,402	80 602,782	9,266	8,803
16	25	98 762	59 203,789	1 510 197,060	25,508	25,045	66	75	67 227	8 143,336	71 904,380	8,830	8,366
17	26	98 715	57 312,730	1 450 993,271	25,317	24,853	67	76	64 697	7 590,109	63 761,044	8,401	7,937
18	27	98 658	55 476,759	1 393 680,540	25,122	24,658	68	77	61 984	7 042,923	56 170,934	7,976	7,512
19	28	98 584	53 690,220	1 338 203,781	24,925	24,461	69	78	59 111	6 505,128	49 128,011	7,552	7,089
20	29	98 511	51 961,659	1 284 513,561	24,720	24,257	70	79	56 017	5 970,610	42 622,883	7,139	6,675
21	30	98 430	50 284,560	1 232 551,902	24,512	24,048	71	80	52 755	5 445,847	36 652,273	6,730	6,267
22	31	98 349	48 661,658	1 182 267,342	24,296	23,832	72	81	49 291	4 928,148	31 206,426	6,332	5,869
23	32	98 267	47 090,664	1 133 605,684	24,073	23,609	73	82	45 673	4 422,643	26 278,278	5,942	5,478
24	33	98 180	45 568,389	1 086 515,020	23,844	23,380	74	83	41 866	3 926,416	21 855,635	5,566	5,103
25	34	98 090	44 093,210	1 040 946,631	23,608	23,144	75	84	37 911	3 443,628	17 929,219	5,206	4,743
26	35	97 994	42 663,696	996 853,421	23,365	22,902	76	85	33 853	2 978,210	14 485,591	4,864	4,400
27	36	97 898	41 280,336	954 189,725	23,115	22,651	77	86	29 759	2 535,651	11 507,381	4,538	4,075
28	37	97 790	39 936,661	912 909,389	22,859	22,395	78	87	25 695	2 120,458	8 971,730	4,231	3,767
29	38	97 679	38 635,702	872 972,728	22,595	22,131	79	88	21 702	1 734,582	6 851,272	3,950	3,486
30	39	97 560	37 374,141	834 337,026	22,324	21,860	80	89	17 927	1 387,760	5 116,690	3,687	3,223
31	40	97 433	36 150,621	796 962,886	22,046	21,582	81	90	14 389	1 078,805	3 728,930	3,457	2,993
32	41	97 295	34 963,008	760 812,265	21,760	21,297	82	91	11 276	818,773	2 650,125	3,237	2,773
33	42	97 146	33 810,465	725 849,256	21,468	21,005	83	92	8 527	599,713	1 831,352	3,054	2,590
34	43	96 985	32 692,092	692 038,791	21,168	20,705	84	93	6 306	429,530	1 231,639	2,867	2,404
35	44	96 809	31 605,533	659 346,699	20,862	20,398	85	94	4 508	297,408	802,109	2,697	2,233
36	45	96 619	30 550,622	627 741,166	20,548	20,084	86	95	3 111	198,758	504,701	2,539	2,076
37	46	96 411	29 525,394	597 190,544	20,226	19,763	87	96	2 065	127,757	305,943	2,395	1,931
38	47	96 184	28 528,632	567 665,150	19,898	19,434	88	97	1 313	78,677	178,186	2,265	1,801
39	48	95 921	27 555,136	539 136,518	19,566	19,102	89	98	800	46,418	99,509	2,144	1,680
40	49	95 642	26 610,004	511 581,382	19,225	18,762	90	99	463	26,011	53,092	2,041	1,577
41	50	95 322	25 686,377	484 971,377	18,880	18,417	91	100	257	13,993	27,080	1,935	1,472
42	51	94 982	24 789,045	459 285,000	18,528	18,064							
43	52	94 605	23 913,387	434 495,955	18,170	17,706							
44	53	94 177	23 055,894	410 582,569	17,808	17,345							
45	54	93 707	22 218,736	387 526,675	17,441	16,978							
46	55	93 201	21 403,171	365 307,939	17,068	16,604							
47	56	92 641	20 604,923	343 904,768	16,690	16,227							
48	57	92 025	19 823,672	323 299,845	16,309	15,845							
49	58	91 363	19 061,617	303 476,173	15,921	15,457							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$
0	10	99 579	99 579,070	2 763 415,983	27,751	27,287	50	60	90 206	18 227,804	278 496,020	15,279	14,815
1	11	99 187	96 064,772	2 663 836,913	27,730	27,266	51	61	89 361	17 488,654	260 268,216	14,882	14,418
2	12	99 146	93 003,059	2 567 772,141	27,610	27,146	52	62	88 427	16 761,151	242 779,562	14,485	14,021
3	13	99 120	90 051,351	2 474 769,082	27,482	27,018	53	63	87 430	16 050,412	226 018,411	14,082	13,618
4	14	99 097	87 196,865	2 384 717,731	27,349	26,885	54	64	86 361	15 355,224	209 967,999	13,674	13,210
5	15	99 073	84 431,802	2 297 520,866	27,212	26,748	55	65	85 196	14 671,165	194 612,774	13,265	12,801
6	16	99 050	81 755,023	2 213 089,064	27,070	26,606	56	66	83 958	14 002,996	179 941,609	12,850	12,387
7	17	99 024	79 161,071	2 131 334,041	26,924	26,460	57	67	82 633	13 348,197	165 938,613	12,432	11,968
8	18	99 000	76 650,699	2 052 172,970	26,773	26,309	58	68	81 220	12 706,915	152 590,416	12,008	11,545
9	19	98 969	74 214,826	1 975 522,271	26,619	26,155	59	69	79 724	12 080,252	139 883,501	11,580	11,116
10	20	98 941	71 858,277	1 901 307,445	26,459	25,996	60	70	78 125	11 465,263	127 803,249	11,147	10,683
11	21	98 910	69 574,726	1 829 449,168	26,295	25,831	61	71	76 416	10 861,451	116 337,986	10,711	10,247
12	22	98 881	67 364,838	1 759 874,442	26,125	25,661	62	72	74 589	10 268,163	105 476,535	10,272	9,809
13	23	98 848	65 222,500	1 692 509,604	25,950	25,486	63	73	72 628	9 683,473	95 208,372	9,832	9,368
14	24	98 815	63 148,048	1 627 287,104	25,769	25,306	64	74	70 544	9 109,507	85 524,899	9,389	8,925
15	25	98 780	61 138,797	1 564 139,056	25,583	25,120	65	75	68 255	8 536,546	76 415,392	8,952	8,488
16	26	98 740	59 190,766	1 503 000,259	25,392	24,929	66	76	65 785	7 968,597	67 878,846	8,518	8,055
17	27	98 691	57 299,166	1 443 809,494	25,198	24,734	67	77	63 112	7 404,206	59 910,249	8,091	7,628
18	28	98 631	55 461,856	1 386 510,328	24,999	24,536	68	78	60 265	6 847,661	52 506,042	7,668	7,204
19	29	98 559	53 676,643	1 331 048,472	24,798	24,334	69	79	57 216	6 296,520	45 658,375	7,251	6,788
20	30	98 483	51 946,750	1 277 371,828	24,590	24,126	70	80	53 984	5 753,841	39 361,855	6,841	6,377
21	31	98 402	50 270,328	1 225 425,079	24,377	23,913	71	81	50 551	5 218,398	33 608,013	6,440	5,977
22	32	98 319	48 646,961	1 175 154,751	24,157	23,693	72	82	46 945	4 693,616	28 389,616	6,049	5,585
23	33	98 232	47 073,972	1 126 507,790	23,931	23,467	73	83	43 154	4 178,760	23 696,000	5,671	5,207
24	34	98 145	45 551,728	1 079 433,818	23,697	23,233	74	84	39 240	3 680,184	19 517,240	5,303	4,840
25	35	98 048	44 074,480	1 033 882,090	23,458	22,994	75	85	35 170	3 194,599	15 837,056	4,957	4,494
26	36	97 955	42 646,726	989 807,610	23,209	22,746	76	86	31 052	2 731,749	12 642,456	4,628	4,164
27	37	97 852	41 260,719	947 160,884	22,956	22,492	77	87	26 955	2 296,735	9 910,707	4,315	3,852
28	38	97 738	39 915,348	905 900,165	22,696	22,232	78	88	22 913	1 890,830	7 613,972	4,027	3,563
29	39	97 624	38 614,193	865 984,817	22,427	21,963	79	89	19 049	1 522,465	5 723,142	3,759	3,296
30	40	97 496	37 349,416	827 370,625	22,152	21,689	80	90	15 390	1 191,368	4 200,677	3,526	3,062
31	41	97 365	36 125,090	790 021,209	21,869	21,405	81	91	12 162	911,811	3 009,309	3,300	2,837
32	42	97 217	34 934,986	753 896,118	21,580	21,116	82	92	9 272	673,288	2 097,498	3,115	2,652
33	43	97 059	33 780,371	718 961,133	21,283	20,820	83	93	6 914	486,232	1 424,210	2,929	2,465
34	44	96 886	32 658,617	685 180,762	20,980	20,516	84	94	4 999	340,509	937,978	2,755	2,291
35	45	96 700	31 570,035	652 522,145	20,669	20,205	85	95	3 490	230,229	597,469	2,595	2,131
36	46	96 496	30 511,846	620 952,109	20,351	19,888	86	96	2 348	150,052	367,241	2,447	1,984
37	47	96 275	29 483,790	590 440,264	20,026	19,562	87	97	1 518	93,939	217,189	2,312	1,848
38	48	96 027	28 481,985	560 956,474	19,695	19,232	88	98	939	56,272	123,250	2,190	1,727
39	49	95 752	27 506,407	532 474,489	19,358	18,895	89	99	556	32,251	66,978	2,077	1,613
40	50	95 445	26 555,250	504 968,082	19,016	18,552	90	100	312	17,534	34,727	1,981	1,517
41	51	95 112	25 629,790	478 412,832	18,666	18,203							
42	52	94 750	24 728,391	452 783,042	18,310	17,847							
43	53	94 345	23 847,736	428 054,651	17,949	17,486							
44	54	93 894	22 986,575	404 206,915	17,584	17,121							
45	55	93 408	22 147,831	381 220,340	17,213	16,749							
46	56	92 871	21 327,336	359 072,509	16,836	16,373							
47	57	92 292	20 527,197	337 745,173	16,454	15,990							
48	58	91 657	19 744,445	317 217,976	16,066	15,603							
49	59	90 960	18 977,511	297 473,531	15,675	15,211							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	11	99 572	99 572,003	2 755 601,427	27,674	27,211	50	61	89 720	18 129,568	272 274,593	15,018	14,555
1	12	99 179	96 057,090	2 656 029,424	27,651	27,187	51	62	88 848	17 388,152	254 145,025	14,616	14,152
2	13	99 139	92 995,572	2 559 972,334	27,528	27,064	52	63	87 870	16 655,428	236 756,873	14,215	13,751
3	14	99 111	90 043,284	2 466 976,762	27,398	26,934	53	64	86 841	15 942,266	220 101,445	13,806	13,343
4	15	99 086	87 187,414	2 376 933,478	27,262	26,799	54	65	85 727	15 242,373	204 159,179	13,394	12,931
5	16	99 061	84 421,182	2 289 746,064	27,123	26,659	55	66	84 530	14 556,585	188 916,806	12,978	12,514
6	17	99 035	81 742,443	2 205 324,882	26,979	26,515	56	67	83 240	13 883,211	174 360,221	12,559	12,095
7	18	99 008	79 148,368	2 123 582,440	26,830	26,367	57	68	81 879	13 226,297	160 477,010	12,133	11,670
8	19	98 978	76 633,191	2 044 434,071	26,678	26,215	58	69	80 431	12 583,523	147 250,712	11,702	11,238
9	20	98 949	74 199,498	1 967 800,880	26,520	26,057	59	70	78 877	11 951,941	134 667,190	11,267	10,804
10	21	98 919	71 842,325	1 893 601,382	26,358	25,894	60	71	77 218	11 332,211	122 715,248	10,829	10,365
11	22	98 890	69 560,165	1 821 759,057	26,190	25,726	61	72	75 431	10 721,586	111 383,037	10,389	9,925
12	23	98 859	67 349,726	1 752 198,893	26,016	25,553	62	73	73 509	10 119,504	100 661,450	9,947	9,484
13	24	98 825	65 207,591	1 684 849,167	25,838	25,375	63	74	71 447	9 526,008	90 541,947	9,505	9,041
14	25	98 795	63 135,284	1 619 641,576	25,654	25,190	64	75	69 231	8 940,002	81 015,939	9,062	8,599
15	26	98 758	61 125,347	1 556 506,292	25,464	25,001	65	76	66 791	8 353,369	72 075,938	8,628	8,165
16	27	98 717	59 176,757	1 495 380,944	25,270	24,806	66	77	64 174	7 773,424	63 722,568	8,197	7,734
17	28	98 665	57 283,773	1 436 204,187	25,072	24,608	67	78	61 362	7 198,934	55 949,144	7,772	7,308
18	29	98 607	55 447,831	1 378 920,414	24,869	24,405	68	79	58 333	6 628,075	48 750,210	7,355	6,891
19	30	98 531	53 661,242	1 323 472,583	24,663	24,200	69	80	55 138	6 067,919	42 122,135	6,942	6,478
20	31	98 455	51 932,047	1 269 811,341	24,451	23,988	70	81	51 729	5 513,529	36 054,216	6,539	6,076
21	32	98 372	50 255,145	1 217 879,294	24,234	23,770	71	82	48 145	4 970,052	30 540,687	6,145	5,681
22	33	98 284	48 629,717	1 167 624,149	24,011	23,547	72	83	44 357	4 434,790	25 570,635	5,766	5,302
23	34	98 196	47 056,760	1 118 994,432	23,780	23,316	73	84	40 448	3 916,703	21 135,845	5,396	4,933
24	35	98 103	45 532,379	1 071 937,672	23,542	23,079	74	85	36 403	3 414,049	17 219,142	5,044	4,580
25	36	98 009	44 056,949	1 026 405,293	23,297	22,834	75	86	32 259	2 930,232	13 805,093	4,711	4,248
26	37	97 909	42 626,460	982 348,344	23,046	22,582	76	87	28 126	2 474,356	10 874,861	4,395	3,931
27	38	97 799	41 238,699	939 721,884	22,787	22,324	77	88	24 036	2 048,018	8 400,505	4,102	3,638
28	39	97 683	39 893,126	898 483,185	22,522	22,059	78	89	20 111	1 659,606	6 352,487	3,828	3,364
29	40	97 560	38 588,647	858 590,059	22,250	21,786	79	90	16 353	1 307,010	4 692,881	3,591	3,127
30	41	97 427	37 323,039	820 001,412	21,970	21,507	80	91	13 008	1 006,950	3 385,871	3,363	2,899
31	42	97 287	36 096,136	782 678,373	21,683	21,220	81	92	10 001	749,794	2 378,921	3,173	2,709
32	43	97 131	34 903,890	746 582,237	21,390	20,926	82	93	7 518	545,884	1 629,127	2,984	2,521
33	44	96 960	33 745,782	711 678,346	21,089	20,626	83	94	5 481	385,459	1 083,243	2,810	2,347
34	45	96 777	32 621,937	677 932,565	20,781	20,318	84	95	3 870	263,594	697,784	2,647	2,184
35	46	96 577	31 529,966	645 310,628	20,467	20,003	85	96	2 635	173,810	434,190	2,498	2,034
36	47	96 360	30 468,851	613 780,662	20,145	19,681	86	97	1 727	110,332	260,379	2,360	1,896
37	48	96 118	29 435,580	583 311,811	19,817	19,353	87	98	1 086	67,188	150,047	2,233	1,770
38	49	95 857	28 431,616	553 876,231	19,481	19,017	88	99	652	39,098	82,859	2,119	1,656
39	50	95 555	27 449,808	525 444,615	19,142	18,678	89	100	375	21,741	43,761	2,013	1,549
40	51	95 235	26 496,749	497 994,806	18,795	18,331							
41	52	94 880	25 567,079	471 498,057	18,442	17,978							
42	53	94 490	24 660,503	445 930,978	18,083	17,619							
43	54	94 062	23 776,036	421 270,476	17,718	17,255							
44	55	93 594	22 913,220	397 494,439	17,348	16,884							
45	56	93 077	22 069,358	374 581,219	16,973	16,509							
46	57	92 521	21 246,885	352 511,862	16,591	16,128							
47	58	91 923	20 445,158	331 264,976	16,203	15,739							
48	59	91 253	19 657,327	310 819,818	15,812	15,348							
49	60	90 531	18 887,899	291 162,492	15,415	14,952							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	12	99 564	99 564,040	2 747 341,338	27,594	27,130	50	62	89 205	18 025,383	265 756,042	14,743	14,280
1	13	99 171	96 049,357	2 647 777,297	27,567	27,103	51	63	88 287	17 278,474	247 730,660	14,338	13,874
2	14	99 130	92 987,242	2 551 727,940	27,442	26,978	52	64	87 278	16 543,206	230 452,186	13,930	13,467
3	15	99 100	90 033,525	2 458 740,698	27,309	26,846	53	65	86 202	15 825,100	213 908,980	13,517	13,053
4	16	99 074	87 176,447	2 368 707,174	27,171	26,708	54	66	85 057	15 123,332	198 083,880	13,098	12,634
5	17	99 046	84 408,191	2 281 530,727	27,030	26,566	55	67	83 807	14 432,064	182 960,549	12,677	12,214
6	18	99 019	81 729,325	2 197 122,536	26,883	26,419	56	68	82 480	13 756,425	168 528,484	12,251	11,787
7	19	98 986	79 130,290	2 115 393,210	26,733	26,269	57	69	81 084	13 097,862	154 772,059	11,817	11,353
8	20	98 957	76 617,364	2 036 262,920	26,577	26,113	58	70	79 577	12 449,867	141 674,197	11,380	10,916
9	21	98 927	74 183,026	1 959 645,557	26,416	25,953	59	71	77 962	11 813,242	129 224,330	10,939	10,475
10	22	98 899	71 827,289	1 885 462,530	26,250	25,786	60	72	76 224	11 186,284	117 411,088	10,496	10,032
11	23	98 868	69 544,560	1 813 635,241	26,079	25,615	61	73	74 339	10 566,362	106 224,804	10,053	9,589
12	24	98 836	67 334,331	1 744 090,681	25,902	25,438	62	74	72 314	9 954,948	95 658,441	9,609	9,146
13	25	98 806	65 194,410	1 676 756,350	25,719	25,256	63	75	70 118	9 348,752	85 703,493	9,167	8,704
14	26	98 773	63 121,395	1 611 561,940	25,531	25,068	64	76	67 746	8 748,168	76 354,741	8,728	8,264
15	27	98 735	61 110,881	1 548 440,545	25,338	24,875	65	77	65 155	8 148,772	67 606,573	8,297	7,833
16	28	98 691	59 160,859	1 487 329,664	25,140	24,677	66	78	62 394	7 557,916	59 457,801	7,867	7,403
17	29	98 640	57 269,287	1 428 168,804	24,938	24,474	67	79	59 395	6 968,077	51 899,885	7,448	6,985
18	30	98 578	55 431,922	1 370 899,517	24,731	24,268	68	80	56 215	6 387,126	44 931,809	7,034	6,571
19	31	98 503	53 646,055	1 315 467,595	24,521	24,058	69	81	52 835	5 814,489	38 544,372	6,629	6,165
20	32	98 425	51 916,362	1 261 821,540	24,305	23,841	70	82	49 267	5 251,138	32 729,883	6,233	5,769
21	33	98 337	50 237,331	1 209 905,178	24,084	23,620	71	83	45 491	4 695,982	27 478,745	5,852	5,388
22	34	98 248	48 611,936	1 159 667,847	23,856	23,392	72	84	41 575	4 156,677	22 782,763	5,481	5,017
23	35	98 154	47 036,771	1 111 055,911	23,621	23,157	73	85	37 523	3 633,464	18 626,086	5,126	4,663
24	36	98 064	45 514,268	1 064 019,139	23,378	22,914	74	86	33 390	3 131,521	14 992,622	4,788	4,324
25	37	97 962	44 036,013	1 018 504,871	23,129	22,665	75	87	29 220	2 654,137	11 861,101	4,469	4,005
26	38	97 856	42 603,711	974 468,859	22,873	22,409	76	88	25 080	2 206,404	9 206,964	4,173	3,709
27	39	97 745	41 215,741	931 865,148	22,609	22,146	77	89	21 097	1 797,572	7 000,560	3,894	3,431
28	40	97 619	39 866,735	890 649,407	22,341	21,877	78	90	17 265	1 424,743	5 202,988	3,652	3,188
29	41	97 491	38 561,395	850 782,672	22,063	21,599	79	91	13 822	1 104,691	3 778,244	3,420	2,957
30	42	97 349	37 293,124	812 221,277	21,779	21,316	80	92	10 697	828,028	2 673,553	3,229	2,765
31	43	97 200	36 064,008	774 928,153	21,488	21,024	81	93	8 108	607,914	1 845,525	3,036	2,572
32	44	97 031	34 868,151	738 864,145	21,190	20,727	82	94	5 960	432,748	1 237,611	2,860	2,396
33	45	96 851	33 707,880	703 995,994	20,885	20,422	83	95	4 243	298,390	804,863	2,697	2,234
34	46	96 654	32 580,532	670 288,114	20,573	20,110	84	96	2 922	198,999	506,473	2,545	2,081
35	47	96 441	31 485,537	637 707,583	20,254	19,790	85	97	1 937	127,802	307,473	2,406	1,942
36	48	96 203	30 419,031	606 222,046	19,929	19,465	86	98	1 235	78,913	179,672	2,277	1,813
37	49	95 948	29 383,525	575 803,015	19,596	19,132	87	99	754	46,683	100,759	2,158	1,695
38	50	95 660	28 373,114	546 419,490	19,258	18,795	88	100	440	26,356	54,076	2,052	1,588
39	51	95 344	27 389,336	518 046,375	18,914	18,451							
40	52	95 002	26 431,917	490 657,039	18,563	18,099							
41	53	94 619	25 496,888	464 225,122	18,207	17,744							
42	54	94 206	24 586,360	438 728,234	17,844	17,381							
43	55	93 761	23 700,162	414 141,874	17,474	17,011							
44	56	93 263	22 832,034	390 441,712	17,101	16,637							
45	57	92 726	21 986,108	367 609,678	16,720	16,256							
46	58	92 151	21 161,971	345 623,570	16,332	15,869							
47	59	91 517	20 354,948	324 461,600	15,940	15,477							
48	60	90 822	19 564,504	304 106,652	15,544	15,080							
49	61	90 043	18 786,105	284 542,148	15,146	14,683							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	13	99 556	99 556,026	2 738 626,096	27,508	27,045	50	63	88 642	17 911,685	258 941,012	14,457	13,993
1	14	99 162	96 040,753	2 639 070,070	27,479	27,015	51	64	87 692	17 162,054	241 029,327	14,044	13,581
2	15	99 119	92 977,163	2 543 029,317	27,351	26,887	52	65	86 636	16 421,623	223 867,273	13,632	13,169
3	16	99 088	90 022,199	2 450 052,153	27,216	26,752	53	66	85 529	15 701,508	207 445,650	13,212	12,748
4	17	99 059	87 163,032	2 360 029,954	27,076	26,612	54	67	84 330	14 993,963	191 744,142	12,788	12,324
5	18	99 030	84 394,646	2 272 866,921	26,931	26,468	55	68	83 042	14 300,266	176 750,179	12,360	11,896
6	19	98 996	81 710,657	2 188 472,275	26,783	26,320	56	69	81 679	13 622,842	162 449,913	11,925	11,461
7	20	98 965	79 113,946	2 106 761,618	26,629	26,166	57	70	80 223	12 958,742	148 827,071	11,485	11,021
8	21	98 935	76 600,355	2 027 647,671	26,470	26,007	58	71	78 654	12 305,389	135 868,329	11,041	10,578
9	22	98 906	74 167,501	1 951 047,316	26,306	25,842	59	72	76 958	11 661,121	123 562,939	10,596	10,133
10	23	98 876	71 811,176	1 876 879,816	26,136	25,673	60	73	75 120	11 024,332	111 901,818	10,150	9,687
11	24	98 845	69 528,664	1 805 068,640	25,962	25,498	61	74	73 131	10 394,541	100 877,486	9,705	9,241
12	25	98 817	67 320,720	1 735 539,976	25,780	25,317	62	75	70 968	9 769,711	90 482,945	9,262	8,798
13	26	98 784	65 180,069	1 668 219,256	25,594	25,130	63	76	68 613	9 148,147	80 713,234	8,823	8,359
14	27	98 749	63 106,457	1 603 039,187	25,402	24,939	64	77	66 086	8 533,901	71 565,087	8,386	7,922
15	28	98 708	61 094,464	1 539 932,730	25,206	24,742	65	78	63 348	7 922,858	63 031,186	7,956	7,492
16	29	98 666	59 145,899	1 478 838,266	25,003	24,540	66	79	60 394	7 315,547	55 108,328	7,533	7,069
17	30	98 612	57 252,856	1 419 692,367	24,797	24,333	67	80	57 238	6 715,094	47 792,782	7,117	6,654
18	31	98 550	55 416,233	1 362 439,511	24,586	24,122	68	81	53 867	6 120,661	41 077,687	6,711	6,248
19	32	98 473	53 629,852	1 307 023,279	24,371	23,908	69	82	50 321	5 537,776	34 957,026	6,312	5,849
20	33	98 390	51 897,959	1 253 393,426	24,151	23,687	70	83	46 550	4 961,568	29 419,250	5,929	5,466
21	34	98 301	50 218,963	1 201 495,467	23,925	23,462	71	84	42 638	4 401,490	24 457,683	5,557	5,093
22	35	98 206	48 591,287	1 151 276,504	23,693	23,229	72	85	38 568	3 856,084	20 056,193	5,201	4,738
23	36	98 115	47 018,062	1 102 685,218	23,452	22,989	73	86	34 418	3 332,778	16 200,109	4,861	4,397
24	37	98 017	45 492,635	1 055 667,155	23,205	22,742	74	87	30 244	2 836,461	12 867,331	4,536	4,073
25	38	97 910	44 012,511	1 010 174,516	22,952	22,488	75	88	26 056	2 366,716	10 030,871	4,238	3,775
26	39	97 802	42 579,993	966 162,005	22,691	22,227	76	89	22 013	1 936,589	7 664,154	3,958	3,494
27	40	97 680	41 188,474	923 582,012	22,423	21,960	77	90	18 111	1 543,185	5 727,565	3,712	3,248
28	41	97 550	39 838,580	882 393,538	22,149	21,686	78	91	14 592	1 204,199	4 184,380	3,475	3,011
29	42	97 413	38 530,488	842 554,958	21,867	21,404	79	92	11 366	908,402	2 980,180	3,281	2,817
30	43	97 262	37 259,930	804 024,470	21,579	21,115	80	93	8 673	671,344	2 071,778	3,086	2,622
31	44	97 100	36 027,080	766 764,539	21,283	20,819	81	94	6 428	481,922	1 400,434	2,906	2,442
32	45	96 922	34 828,989	730 737,459	20,981	20,517	82	95	4 613	334,998	918,512	2,742	2,278
33	46	96 728	33 665,097	695 908,470	20,672	20,208	83	96	3 203	225,269	583,514	2,590	2,127
34	47	96 518	32 534,622	662 243,374	20,355	19,891	84	97	2 148	146,323	358,246	2,448	1,985
35	48	96 284	31 434,054	629 708,751	20,033	19,569	85	98	1 386	91,408	211,922	2,318	1,855
36	49	96 033	30 365,237	598 274,697	19,703	19,239	86	99	858	54,829	120,515	2,198	1,734
37	50	95 751	29 323,064	567 909,460	19,367	18,904	87	100	509	31,469	65,686	2,087	1,624
38	51	95 449	28 310,608	538 586,396	19,024	18,561							
39	52	95 111	27 322,320	510 275,788	18,676	18,213							
40	53	94 741	26 359,352	482 953,467	18,322	17,858							
41	54	94 335	25 420,230	456 594,116	17,962	17,498							
42	55	93 905	24 507,899	431 173,885	17,593	17,130							
43	56	93 429	23 616,188	406 665,986	17,220	16,756							
44	57	92 911	22 745,907	383 049,798	16,840	16,377							
45	58	92 355	21 898,239	360 303,890	16,454	15,990							
46	59	91 744	21 068,597	338 405,652	16,062	15,598							
47	60	91 085	20 258,832	317 337,054	15,664	15,201							
48	61	90 333	19 459,064	297 078,223	15,267	14,803							
49	62	89 525	18 678,147	277 619,159	14,863	14,400							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	14	99 547	99 547,108	2 729 445,451	27,419	26,955	50	64	88 045	17 790,998	251 834,421	14,155	13,692
1	15	99 151	96 030,344	2 629 898,343	27,386	26,922	51	65	87 048	17 035,923	234 043,423	13,738	13,275
2	16	99 106	92 965,468	2 533 867,999	27,256	26,792	52	66	85 960	16 293,372	217 007,500	13,319	12,855
3	17	99 072	90 008,348	2 440 902,531	27,119	26,655	53	67	84 798	15 567,193	200 714,128	12,893	12,430
4	18	99 043	87 149,045	2 350 894,184	26,976	26,512	54	68	83 559	14 857,033	185 146,934	12,462	11,998
5	19	99 007	84 375,370	2 263 745,139	26,829	26,366	55	69	82 236	14 161,402	170 289,901	12,025	11,561
6	20	98 976	81 693,781	2 179 369,769	26,677	26,214	56	70	80 812	13 478,147	156 128,499	11,584	11,120
7	21	98 943	79 096,384	2 097 675,988	26,521	26,057	57	71	79 292	12 808,360	142 650,353	11,137	10,674
8	22	98 915	76 584,324	2 018 579,604	26,358	25,894	58	72	77 641	12 146,931	129 841,993	10,689	10,226
9	23	98 884	74 150,863	1 941 995,281	26,190	25,726	59	73	75 844	11 492,295	117 695,062	10,241	9,778
10	24	98 854	71 794,761	1 867 844,418	26,016	25,553	60	74	73 899	10 845,064	106 202,768	9,793	9,329
11	25	98 825	69 514,609	1 796 049,657	25,837	25,373	61	75	71 770	10 201,124	95 357,704	9,348	8,884
12	26	98 795	67 305,911	1 726 535,048	25,652	25,188	62	76	69 446	9 560,073	85 156,580	8,908	8,444
13	27	98 760	65 164,643	1 659 229,136	25,462	24,998	63	77	66 933	8 924,083	75 596,507	8,471	8,007
14	28	98 723	63 089,503	1 594 064,494	25,267	24,803	64	78	64 254	8 297,309	66 672,424	8,035	7,572
15	29	98 683	61 079,015	1 530 974,990	25,065	24,602	65	79	61 317	7 668,785	58 375,115	7,612	7,148
16	30	98 637	59 128,929	1 469 895,976	24,859	24,396	66	80	58 201	7 049,949	50 706,329	7,192	6,729
17	31	98 584	57 236,651	1 410 767,047	24,648	24,184	67	81	54 848	6 434,635	43 656,380	6,785	6,321
18	32	98 521	55 399,496	1 353 530,395	24,432	23,969	68	82	51 303	5 829,377	37 221,745	6,385	5,922
19	33	98 438	53 610,842	1 298 130,899	24,214	23,750	69	83	47 546	5 232,399	31 392,369	6,000	5,536
20	34	98 354	51 878,984	1 244 520,058	23,989	23,525	70	84	43 631	4 650,420	26 159,970	5,625	5,162
21	35	98 259	50 197,631	1 192 641,074	23,759	23,295	71	85	39 554	4 083,193	21 509,550	5,268	4,804
22	36	98 167	48 571,959	1 142 443,443	23,521	23,057	72	86	35 377	3 536,975	17 426,357	4,927	4,463
23	37	98 069	46 995,719	1 093 871,484	23,276	22,812	73	87	31 175	3 018,754	13 889,382	4,601	4,137
24	38	97 965	45 468,360	1 046 875,765	23,024	22,561	74	88	26 969	2 529,296	10 870,627	4,298	3,834
25	39	97 856	43 988,009	1 001 407,405	22,765	22,302	75	89	22 869	2 077,297	8 341,332	4,015	3,552
26	40	97 737	42 551,824	957 419,396	22,500	22,036	76	90	18 898	1 662,529	6 264,034	3,768	3,304
27	41	97 611	41 159,386	914 867,572	22,227	21,764	77	91	15 308	1 304,307	4 601,505	3,528	3,064
28	42	97 471	39 806,650	873 708,186	21,949	21,485	78	92	11 999	990,229	3 297,198	3,330	2,866
29	43	97 326	38 496,193	833 901,536	21,662	21,198	79	93	9 215	736,509	2 306,969	3,132	2,669
30	44	97 163	37 221,778	795 405,343	21,369	20,906	80	94	6 875	532,206	1 570,460	2,951	2,487
31	45	96 991	35 986,616	758 183,565	21,068	20,605	81	95	4 976	373,064	1 038,254	2,783	2,319
32	46	96 799	34 784,783	722 196,949	20,762	20,298	82	96	3 483	252,905	665,190	2,630	2,167
33	47	96 592	33 617,659	687 412,166	20,448	19,984	83	97	2 355	165,639	412,284	2,489	2,025
34	48	96 360	32 481,424	653 794,507	20,128	19,665	84	98	1 536	104,655	246,645	2,357	1,893
35	49	96 113	31 378,465	621 313,083	19,801	19,337	85	99	963	63,511	141,991	2,236	1,772
36	50	95 835	30 302,756	589 934,618	19,468	19,004	86	100	578	36,960	78,480	2,123	1,660
37	51	95 540	29 258,466	559 631,862	19,127	18,664							
38	52	95 215	28 241,338	530 373,396	18,780	18,316							
39	53	94 850	27 247,310	502 132,058	18,429	17,965							
40	54	94 456	26 280,101	474 884,748	18,070	17,607							
41	55	94 034	25 339,109	448 604,646	17,704	17,240							
42	56	93 572	24 421,064	423 265,538	17,332	16,868							
43	57	93 077	23 527,103	398 844,474	16,953	16,489							
44	58	92 539	22 655,002	375 317,371	16,567	16,103							
45	59	91 948	21 801,617	352 662,369	16,176	15,712							
46	60	91 311	20 969,111	330 860,752	15,778	15,315							
47	61	90 594	20 149,649	309 891,641	15,380	14,916							
48	62	89 814	19 347,239	289 741,992	14,976	14,512							
49	63	88 961	18 560,332	270 394,753	14,568	14,105							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	15	99 536	99 536,318	2 719 790,137	27,325	26,861	50	65	87 398	17 660,245	244 439,198	13,841	13,378
1	16	99 139	96 018,264	2 620 253,819	27,289	26,825	51	66	86 368	16 902,875	226 778,953	13,417	12,953
2	17	99 091	92 951,163	2 524 235,555	27,157	26,693	52	67	85 224	16 153,994	209 876,079	12,992	12,529
3	18	99 057	89 993,904	2 431 284,392	27,016	26,552	53	68	84 023	15 425,029	193 722,085	12,559	12,095
4	19	99 020	87 129,139	2 341 290,489	26,871	26,408	54	69	82 748	14 712,762	178 297,056	12,119	11,655
5	20	98 987	84 357,943	2 254 161,349	26,721	26,258	55	70	81 362	14 010,986	163 584,294	11,675	11,212
6	21	98 954	81 675,646	2 169 803,407	26,566	26,102	56	71	79 874	13 321,736	149 573,307	11,228	10,764
7	22	98 923	79 079,830	2 088 127,761	26,405	25,942	57	72	78 271	12 643,424	136 251,571	10,776	10,313
8	23	98 892	76 567,143	2 009 047,931	26,239	25,775	58	73	76 517	11 971,071	123 608,147	10,326	9,862
9	24	98 862	74 133,913	1 932 480,788	26,067	25,604	59	74	74 611	11 305,416	111 637,076	9,875	9,411
10	25	98 834	71 780,249	1 858 346,875	25,889	25,426	60	75	72 523	10 643,264	100 331,660	9,427	8,963
11	26	98 803	69 499,317	1 786 566,626	25,706	25,243	61	76	70 230	9 982,229	89 688,396	8,985	8,521
12	27	98 771	67 289,587	1 717 067,308	25,517	25,054	62	77	67 745	9 325,920	79 706,168	8,547	8,083
13	28	98 734	65 147,137	1 649 777,326	25,324	24,860	63	78	65 077	8 676,675	70 380,247	8,111	7,648
14	29	98 698	63 073,550	1 584 630,190	25,124	24,660	64	79	62 194	8 031,229	61 703,573	7,683	7,219
15	30	98 655	61 061,490	1 521 556,640	24,918	24,455	65	80	59 091	7 390,363	53 672,344	7,262	6,799
16	31	98 609	59 112,194	1 460 495,150	24,707	24,244	66	81	55 770	6 755,504	46 281,981	6,851	6,387
17	32	98 554	57 219,365	1 401 382,956	24,491	24,028	67	82	52 237	6 128,408	39 526,477	6,450	5,986
18	33	98 486	55 379,858	1 344 163,592	24,272	23,808	68	83	48 474	5 507,920	33 398,069	6,064	5,600
19	34	98 402	53 591,240	1 288 783,734	24,048	23,585	69	84	44 564	4 904,267	27 890,149	5,687	5,223
20	35	98 312	51 856,947	1 235 192,494	23,819	23,356	70	85	40 476	4 314,121	22 985,882	5,328	4,864
21	36	98 220	50 177,664	1 183 335,547	23,583	23,119	71	86	36 281	3 745,290	18 671,761	4,985	4,522
22	37	98 121	48 548,877	1 133 157,883	23,341	22,877	72	87	32 043	3 203,712	14 926,471	4,659	4,195
23	38	98 016	46 970,638	1 084 609,005	23,091	22,628	73	88	27 799	2 691,849	11 722,759	4,355	3,891
24	39	97 910	45 443,047	1 037 638,368	22,834	22,370	74	89	23 671	2 219,995	9 030,910	4,068	3,604
25	40	97 791	43 958,909	992 195,320	22,571	22,107	75	90	19 633	1 783,325	6 810,915	3,819	3,356
26	41	97 668	42 521,773	948 236,411	22,300	21,836	76	91	15 973	1 405,177	5 027,590	3,578	3,114
27	42	97 533	41 126,397	905 714,639	22,023	21,559	77	92	12 588	1 072,549	3 622,413	3,377	2,914
28	43	97 385	39 771,218	864 588,242	21,739	21,275	78	93	9 729	802,852	2 549,864	3,176	2,712
29	44	97 226	38 456,775	824 817,024	21,448	20,984	79	94	7 305	583,866	1 747,012	2,992	2,529
30	45	97 053	37 179,973	786 360,248	21,150	20,686	80	95	5 322	411,990	1 163,146	2,823	2,360
31	46	96 868	35 940,941	749 180,276	20,845	20,381	81	96	3 757	281,643	751,156	2,667	2,203
32	47	96 663	34 735,767	713 239,335	20,533	20,070	82	97	2 561	185,960	469,513	2,525	2,061
33	48	96 434	33 562,690	678 503,568	20,216	19,752	83	98	1 685	118,470	283,553	2,393	1,930
34	49	96 190	32 423,983	644 940,878	19,891	19,427	84	99	1 068	72,715	165,083	2,270	1,807
35	50	95 916	31 313,899	612 516,895	19,561	19,097	85	100	649	42,812	92,368	2,158	1,694
36	51	95 624	30 235,999	581 202,996	19,222	18,759							
37	52	95 306	29 186,876	550 966,996	18,877	18,414							
38	53	94 954	28 163,805	521 780,120	18,527	18,063							
39	54	94 565	27 165,390	493 616,315	18,171	17,707							
40	55	94 155	26 196,236	466 450,925	17,806	17,342							
41	56	93 701	25 249,328	440 254,689	17,436	16,973							
42	57	93 219	24 328,943	415 005,361	17,058	16,594							
43	58	92 705	23 433,075	390 676,419	16,672	16,208							
44	59	92 131	22 555,041	367 243,343	16,282	15,818							
45	60	91 514	21 698,669	344 688,302	15,885	15,422							
46	61	90 819	20 856,101	322 989,633	15,487	15,023							
47	62	90 074	20 033,855	302 133,532	15,081	14,618							
48	63	89 247	19 225,203	282 099,677	14,673	14,210							
49	64	88 361	18 435,275	262 874,474	14,259	13,796							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$
0	16	99 524	99 523,797	2 709 651,910	27,226	26,763	50	66	86 715	17 522,321	236 761,887	13,512	13,048
1	17	99 124	96 003,489	2 610 128,113	27,188	26,724	51	67	85 629	16 758,283	219 239,566	13,082	12,619
2	18	99 075	92 936,247	2 514 124,624	27,052	26,589	52	68	84 446	16 006,471	202 481,283	12,650	12,186
3	19	99 034	89 973,348	2 421 188,377	26,910	26,446	53	69	83 207	15 275,242	186 474,812	12,208	11,744
4	20	99 000	87 111,144	2 331 215,029	26,761	26,298	54	70	81 869	14 556,490	171 199,570	11,761	11,297
5	21	98 965	84 339,216	2 244 103,885	26,608	26,144	55	71	80 418	13 848,393	156 643,079	11,311	10,848
6	22	98 933	81 658,552	2 159 764,669	26,449	25,985	56	72	78 845	13 150,190	142 794,687	10,859	10,395
7	23	98 901	79 062,090	2 078 106,117	26,284	25,821	57	73	77 137	12 460,376	129 644,497	10,405	9,941
8	24	98 870	76 549,642	1 999 044,027	26,114	25,651	58	74	75 272	11 776,407	117 184,121	9,951	9,487
9	25	98 842	74 118,928	1 922 494,386	25,938	25,474	59	75	73 222	11 095,050	105 407,714	9,500	9,037
10	26	98 812	71 764,459	1 848 375,458	25,756	25,293	60	76	70 967	10 414,881	94 312,664	9,056	8,592
11	27	98 780	69 482,869	1 776 610,999	25,569	25,105	61	77	68 510	9 737,736	83 897,783	8,616	8,152
12	28	98 745	67 271,905	1 707 128,130	25,377	24,913	62	78	65 867	9 067,371	74 160,047	8,179	7,715
13	29	98 709	65 130,663	1 639 856,225	25,178	24,714	63	79	62 990	8 398,429	65 092,676	7,751	7,287
14	30	98 670	63 055,453	1 574 725,562	24,974	24,510	64	80	59 936	7 739,648	56 694,247	7,325	6,862
15	31	98 627	61 044,208	1 511 670,110	24,764	24,300	65	81	56 623	7 081,700	48 954,599	6,913	6,449
16	32	98 580	59 094,340	1 450 625,902	24,548	24,084	66	82	53 116	6 434,007	41 872,899	6,508	6,044
17	33	98 519	57 199,082	1 391 531,562	24,328	23,864	67	83	49 357	5 790,461	35 438,892	6,120	5,657
18	34	98 450	55 359,609	1 334 332,480	24,103	23,639	68	84	45 434	5 162,510	29 648,430	5,743	5,279
19	35	98 360	53 568,476	1 278 972,871	23,875	23,412	69	85	41 342	4 549,611	24 485,921	5,382	4,918
20	36	98 273	51 836,320	1 225 404,395	23,640	23,176	70	86	37 126	3 957,108	19 936,310	5,038	4,574
21	37	98 174	50 153,819	1 173 568,075	23,399	22,936	71	87	32 863	3 392,398	15 979,202	4,710	4,247
22	38	98 068	48 522,968	1 123 414,255	23,152	22,689	72	88	28 573	2 856,777	12 586,803	4,406	3,942
23	39	97 962	46 944,488	1 074 891,288	22,897	22,433	73	89	24 399	2 362,670	9 730,026	4,118	3,655
24	40	97 846	45 412,985	1 027 946,799	22,636	22,172	74	90	20 321	1 905,828	7 367,356	3,866	3,402
25	41	97 722	43 927,864	982 533,815	22,367	21,903	75	91	16 594	1 507,274	5 461,528	3,623	3,160
26	42	97 590	42 487,692	938 605,951	22,091	21,628	76	92	13 134	1 155,496	3 954,254	3,422	2,959
27	43	97 446	41 089,791	896 118,259	21,809	21,345	77	93	10 206	869,595	2 798,758	3,218	2,755
28	44	97 285	39 730,495	855 028,468	21,521	21,057	78	94	7 713	636,459	1 929,163	3,031	2,567
29	45	97 117	38 413,582	815 297,973	21,224	20,761	79	95	5 655	451,981	1 292,704	2,860	2,396
30	46	96 930	37 132,783	776 884,391	20,922	20,458	80	96	4 018	311,030	840,723	2,703	2,239
31	47	96 732	35 890,296	739 751,609	20,611	20,148	81	97	2 762	207,091	529,693	2,558	2,094
32	48	96 505	34 678,970	703 861,313	20,296	19,833	82	98	1 832	133,004	322,602	2,426	1,962
33	49	96 263	33 503,337	669 182,343	19,974	19,510	83	99	1 170	82,314	189,598	2,303	1,840
34	50	95 992	32 357,266	635 679,006	19,646	19,182	84	100	720	49,017	107,284	2,189	1,725
35	51	95 704	31 244,915	603 321,740	19,309	18,846							
36	52	95 390	30 162,018	572 076,825	18,967	18,503							
37	53	95 044	29 106,748	541 914,807	18,618	18,155							
38	54	94 669	28 079,129	512 808,060	18,263	17,799							
39	55	94 263	27 078,699	484 728,930	17,901	17,437							
40	56	93 821	26 103,418	457 650,231	17,532	17,069							
41	57	93 347	25 154,082	431 546,813	17,156	16,693							
42	58	92 847	24 231,710	406 392,730	16,771	16,307							
43	59	92 296	23 329,682	382 161,020	16,381	15,917							
44	60	91 696	22 448,536	358 831,339	15,985	15,521							
45	61	91 020	21 581,727	336 382,803	15,586	15,123							
46	62	90 297	20 736,247	314 801,076	15,181	14,718							
47	63	89 505	19 907,489	294 064,829	14,772	14,308							
48	64	88 646	19 095,666	274 157,340	14,357	13,893							
49	65	87 712	18 299,787	255 061,673	13,938	13,474							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	17	99 508	99 508,483	2 699 022,331	27,124	26,660	50	67	85 973	17 372,430	228 806,484	13,171	12,707
1	18	99 108	95 988,083	2 599 513,847	27,082	26,618	51	68	84 847	16 605,241	211 434,053	12,733	12,269
2	19	99 053	92 915,019	2 503 525,764	26,944	26,481	52	69	83 626	15 851,038	194 828,812	12,291	11,828
3	20	99 013	89 954,765	2 410 610,745	26,798	26,334	53	70	82 323	15 112,996	178 977,774	11,843	11,379
4	21	98 978	87 091,806	2 320 655,980	26,646	26,182	54	71	80 919	14 387,566	163 864,778	11,389	10,926
5	22	98 944	84 321,565	2 233 564,174	26,489	26,025	55	72	79 382	13 670,064	149 477,212	10,935	10,471
6	23	98 911	81 640,233	2 149 242,609	26,326	25,862	56	73	77 704	12 959,805	135 807,148	10,479	10,015
7	24	98 878	79 044,018	2 067 602,376	26,158	25,694	57	74	75 883	12 257,756	122 847,342	10,022	9,558
8	25	98 850	76 534,168	1 988 558,358	25,983	25,519	58	75	73 872	11 557,277	110 589,587	9,569	9,105
9	26	98 820	74 102,623	1 912 024,190	25,802	25,339	59	76	71 651	10 856,973	99 032,310	9,122	8,658
10	27	98 789	71 747,475	1 837 921,567	25,617	25,153	60	77	69 229	10 159,791	88 175,337	8,679	8,215
11	28	98 753	69 464,203	1 766 174,092	25,426	24,962	61	78	66 610	9 467,770	78 015,545	8,240	7,776
12	29	98 720	67 254,894	1 696 709,889	25,228	24,764	62	79	63 754	8 776,596	68 547,776	7,810	7,347
13	30	98 681	65 111,975	1 629 454,996	25,025	24,562	63	80	60 703	8 093,516	59 771,179	7,385	6,921
14	31	98 642	63 037,606	1 564 343,020	24,816	24,352	64	81	57 432	7 416,397	51 677,663	6,968	6,504
15	32	98 597	61 025,771	1 501 305,414	24,601	24,138	65	82	53 928	6 744,680	44 261,266	6,562	6,099
16	33	98 545	59 073,393	1 440 279,644	24,381	23,918	66	83	50 187	6 079,208	37 516,587	6,171	5,708
17	34	98 483	57 178,168	1 381 206,251	24,156	23,693	67	84	46 262	5 427,332	31 437,378	5,792	5,329
18	35	98 408	55 336,094	1 324 028,083	23,927	23,463	68	85	42 149	4 789,179	26 010,046	5,431	4,967
19	36	98 321	53 547,168	1 268 691,989	23,693	23,229	69	86	37 920	4 173,110	21 220,867	5,085	4,622
20	37	98 227	51 811,687	1 215 144,820	23,453	22,989	70	87	33 628	3 584,259	17 047,757	4,756	4,293
21	38	98 121	50 127,053	1 163 333,133	23,208	22,744	71	88	29 304	3 025,030	13 463,499	4,451	3,987
22	39	98 014	48 495,954	1 113 206,080	22,955	22,491	72	89	25 079	2 507,430	10 438,469	4,163	3,699
23	40	97 897	46 913,432	1 064 710,126	22,695	22,232	73	90	20 946	2 028,312	7 931,039	3,910	3,447
24	41	97 777	45 380,913	1 017 796,694	22,428	21,964	74	91	17 176	1 610,815	5 902,727	3,664	3,201
25	42	97 644	43 892,656	972 415,781	22,154	21,691	75	92	13 645	1 239,452	4 291,912	3,463	2,999
26	43	97 503	42 449,874	928 523,125	21,873	21,410	76	93	10 649	936,846	3 052,460	3,258	2,795
27	44	97 347	41 047,718	886 073,251	21,586	21,123	77	94	8 091	689,369	2 115,614	3,069	2,605
28	45	97 176	39 685,871	845 025,534	21,293	20,829	78	95	5 970	492,694	1 426,245	2,895	2,431
29	46	96 994	38 364,826	805 339,663	20,992	20,528	79	96	4 269	341,221	933,551	2,736	2,272
30	47	96 794	37 080,458	766 974,836	20,684	20,220	80	97	2 954	228,699	592,330	2,590	2,126
31	48	96 574	35 831,611	729 894,378	20,370	19,906	81	98	1 976	148,117	363,631	2,455	1,991
32	49	96 334	34 617,643	694 062,767	20,049	19,586	82	99	1 273	92,412	215,514	2,332	1,868
33	50	96 065	33 434,399	659 445,124	19,724	19,260	83	100	789	55,487	123,101	2,219	1,755
34	51	95 780	32 285,983	626 010,725	19,390	18,926							
35	52	95 470	31 168,465	593 724,742	19,049	18,585							
36	53	95 128	30 079,212	562 556,277	18,702	18,239							
37	54	94 759	29 019,237	532 477,065	18,349	17,885							
38	55	94 366	27 989,523	503 457,829	17,987	17,524							
39	56	93 929	26 982,755	475 468,306	17,621	17,158							
40	57	93 467	26 004,951	448 485,551	17,246	16,783							
41	58	92 974	25 053,552	422 480,600	16,863	16,399							
42	59	92 437	24 124,793	397 427,048	16,474	16,010							
43	60	91 860	23 219,518	373 302,255	16,077	15,613							
44	61	91 202	22 327,552	350 082,737	15,679	15,216							
45	62	90 497	21 457,703	327 755,184	15,274	14,811							
46	63	89 727	20 605,450	306 297,481	14,865	14,401							
47	64	88 902	19 773,355	285 692,031	14,448	13,985							
48	65	87 994	18 955,324	265 918,676	14,029	13,565							
49	66	87 027	18 156,868	246 963,351	13,602	13,138							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$
0	18	99 493	99 492,515	2 687 893,913	27,016	26,552	50	68	85 188	17 213,780	220 582,219	12,814	12,351
1	19	99 085	95 966,159	2 588 401,398	26,972	26,508	51	69	84 023	16 443,994	203 368,439	12,367	11,904
2	20	99 032	92 895,829	2 492 435,240	26,830	26,367	52	70	82 738	15 682,676	186 924,445	11,919	11,456
3	21	98 992	89 934,796	2 399 539,411	26,681	26,217	53	71	81 368	14 937,614	171 241,769	11,464	11,000
4	22	98 957	87 073,579	2 309 604,615	26,525	26,061	54	72	79 877	14 202,295	156 304,155	11,006	10,542
5	23	98 922	84 302,649	2 222 531,037	26,364	25,900	55	73	78 233	13 472,153	142 101,861	10,548	10,084
6	24	98 888	81 621,572	2 138 228,388	26,197	25,733	56	74	76 440	12 749,063	128 629,708	10,089	9,626
7	25	98 858	79 028,040	2 056 606,816	26,024	25,560	57	75	74 471	12 029,669	115 880,645	9,633	9,169
8	26	98 828	76 517,332	1 977 578,776	25,845	25,381	58	76	72 287	11 309,282	103 850,976	9,183	8,719
9	27	98 796	74 085,086	1 901 061,444	25,661	25,197	59	77	69 896	10 591,055	92 541,694	8,738	8,274
10	28	98 762	71 728,200	1 826 976,358	25,471	25,007	60	78	67 310	9 878,124	81 950,639	8,296	7,833
11	29	98 728	69 446,637	1 755 248,158	25,275	24,811	61	79	64 474	9 164,155	72 072,514	7,865	7,401
12	30	98 692	67 235,597	1 685 801,521	25,073	24,609	62	80	61 440	8 457,954	62 908,360	7,438	6,974
13	31	98 653	65 093,547	1 618 565,924	24,865	24,402	63	81	58 168	7 755,486	54 450,406	7,021	6,557
14	32	98 612	63 018,567	1 553 472,378	24,651	24,187	64	82	54 699	7 063,448	46 694,920	6,611	6,147
15	33	98 562	61 004,139	1 490 453,811	24,432	23,968	65	83	50 954	6 372,749	39 631,472	6,219	5,755
16	34	98 509	59 051,794	1 429 449,672	24,207	23,743	66	84	47 040	5 697,971	33 258,723	5,837	5,373
17	35	98 441	57 153,880	1 370 397,878	23,977	23,514	67	85	42 916	5 034,851	27 560,752	5,474	5,010
18	36	98 369	55 314,084	1 313 243,998	23,742	23,278	68	86	38 661	4 392,852	22 525,901	5,128	4,664
19	37	98 275	53 521,722	1 257 929,914	23,503	23,040	69	87	34 348	3 779,908	18 133,048	4,797	4,334
20	38	98 174	51 784,036	1 204 408,192	23,258	22,795	70	88	29 987	3 196,113	14 353,140	4,491	4,027
21	39	98 067	50 099,147	1 152 624,156	23,007	22,543	71	89	25 720	2 655,108	11 157,027	4,202	3,738
22	40	97 949	48 463,872	1 102 525,010	22,749	22,286	72	90	21 530	2 152,586	8 501,919	3,950	3,486
23	41	97 828	46 880,301	1 054 061,138	22,484	22,020	73	91	17 704	1 714,339	6 349,333	3,704	3,240
24	42	97 698	45 344,540	1 007 180,837	22,212	21,748	74	92	14 124	1 324,595	4 634,994	3,499	3,036
25	43	97 557	43 853,588	961 836,297	21,933	21,469	75	93	11 063	1 004,915	3 310,400	3,294	2,831
26	44	97 403	42 406,408	917 982,710	21,647	21,184	76	94	8 442	742,682	2 305,485	3,104	2,641
27	45	97 237	41 001,615	875 576,302	21,355	20,891	77	95	6 263	533,653	1 562,802	2,929	2,465
28	46	97 052	39 635,501	834 574,687	21,056	20,593	78	96	4 507	371,957	1 029,150	2,767	2,303
29	47	96 857	38 310,766	794 939,186	20,750	20,286	79	97	3 139	250,898	657,192	2,619	2,156
30	48	96 635	37 019,827	756 628,420	20,438	19,975	80	98	2 113	163,572	406,294	2,484	2,020
31	49	96 403	35 768,246	719 608,593	20,119	19,655	81	99	1 373	102,913	242,722	2,359	1,895
32	50	96 136	34 546,412	683 840,347	19,795	19,331	82	100	858	62,295	139,809	2,244	1,781
33	51	95 853	33 360,743	649 293,936	19,463	18,999							
34	52	95 546	32 206,986	615 933,193	19,124	18,661							
35	53	95 208	31 082,896	583 726,207	18,780	18,316							
36	54	94 842	29 988,778	552 643,311	18,428	17,965							
37	55	94 456	28 926,630	522 654,534	18,068	17,605							
38	56	94 032	27 890,351	493 727,904	17,702	17,239							
39	57	93 574	26 880,971	465 837,552	17,330	16,866							
40	58	93 093	25 901,020	438 956,582	16,947	16,484							
41	59	92 564	24 943,008	413 055,562	16,560	16,096							
42	60	92 001	24 010,875	388 112,553	16,164	15,700							
43	61	91 365	23 094,380	364 101,679	15,766	15,302							
44	62	90 678	22 199,243	341 007,299	15,361	14,898							
45	63	89 927	21 322,356	318 808,056	14,952	14,488							
46	64	89 123	20 466,614	297 485,700	14,535	14,072							
47	65	88 249	19 628,033	277 019,086	14,113	13,650							
48	66	87 307	18 807,286	257 391,054	13,686	13,222							
49	67	86 283	18 001,549	238 583,768	13,254	12,790							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	19	99 470	99 469,790	2 676 256,755	26,905	26,442	50	69	84 361	17 046,623	212 095,380	12,442	11,978
1	20	99 065	95 946,338	2 576 786,965	26,857	26,393	51	70	83 131	16 269,334	195 048,757	11,989	11,525
2	21	99 010	92 875,207	2 480 840,627	26,712	26,248	52	71	81 778	15 500,683	178 779,423	11,534	11,070
3	22	98 971	89 915,974	2 387 965,421	26,558	26,094	53	72	80 320	14 745,259	163 278,740	11,073	10,610
4	23	98 935	87 054,045	2 298 049,447	26,398	25,934	54	73	78 721	13 996,678	148 533,481	10,612	10,148
5	24	98 899	84 283,379	2 210 995,402	26,233	25,769	55	74	76 961	13 253,080	134 536,803	10,151	9,688
6	25	98 868	81 605,073	2 126 712,023	26,061	25,597	56	75	75 018	12 511,834	121 283,723	9,694	9,230
7	26	98 836	79 010,655	2 045 106,950	25,884	25,420	57	76	72 873	11 771,537	108 771,889	9,240	8,777
8	27	98 805	76 499,223	1 966 096,294	25,701	25,237	58	77	70 516	11 032,285	97 000,352	8,792	8,329
9	28	98 770	74 065,183	1 889 597,071	25,513	25,049	59	78	67 958	10 297,432	85 968,067	8,348	7,885
10	29	98 737	71 710,062	1 815 531,888	25,318	24,854	60	79	65 151	9 561,350	75 670,634	7,914	7,451
11	30	98 700	69 426,712	1 743 821,827	25,117	24,654	61	80	62 133	8 831,442	66 109,284	7,486	7,022
12	31	98 664	67 216,567	1 674 395,115	24,910	24,447	62	81	58 874	8 104,703	57 277,843	7,067	6,604
13	32	98 623	65 073,887	1 607 178,548	24,698	24,234	63	82	55 400	7 386,399	49 173,140	6,657	6,194
14	33	98 577	62 996,229	1 542 104,661	24,479	24,016	64	83	51 683	6 673,939	41 786,740	6,261	5,798
15	34	98 526	60 981,833	1 479 108,433	24,255	23,791	65	84	47 759	5 973,104	35 112,802	5,878	5,415
16	35	98 467	59 026,710	1 418 126,599	24,025	23,562	66	85	43 638	5 285,918	29 139,698	5,513	5,049
17	36	98 402	57 131,147	1 359 099,889	23,789	23,325	67	86	39 365	4 618,194	23 853,779	5,165	4,702
18	37	98 322	55 287,798	1 301 968,743	23,549	23,085	68	87	35 018	3 978,946	19 235,585	4,834	4,371
19	38	98 222	53 493,158	1 246 680,945	23,305	22,842	69	88	30 628	3 370,576	15 256,640	4,526	4,063
20	39	98 119	51 755,207	1 193 187,787	23,054	22,591	70	89	26 320	2 805,270	11 886,064	4,237	3,773
21	40	98 002	50 066,003	1 141 432,580	22,799	22,335	71	90	22 080	2 279,365	9 080,794	3,984	3,520
22	41	97 880	48 429,645	1 091 366,576	22,535	22,071	72	91	18 197	1 819,375	6 801,429	3,738	3,275
23	42	97 749	46 842,727	1 042 936,931	22,265	21,801	73	92	14 558	1 409,724	4 982,054	3,534	3,070
24	43	97 611	45 304,180	996 094,205	21,987	21,523	74	93	11 451	1 073,947	3 572,330	3,326	2,863
25	44	97 457	43 808,684	950 790,025	21,703	21,240	75	94	8 770	796,644	2 498,383	3,136	2,673
26	45	97 294	42 358,779	906 981,341	21,412	20,948	76	95	6 535	574,923	1 701,739	2,960	2,496
27	46	97 114	40 949,574	864 622,562	21,114	20,651	77	96	4 728	402,879	1 126,816	2,797	2,333
28	47	96 916	39 579,650	823 672,988	20,811	20,347	78	97	3 314	273,499	723,937	2,647	2,183
29	48	96 699	38 248,123	784 093,338	20,500	20,037	79	98	2 245	179,450	450,439	2,510	2,046
30	49	96 464	36 954,360	745 845,214	20,183	19,719	80	99	1 468	113,651	270,989	2,384	1,921
31	50	96 204	35 694,647	708 890,854	19,860	19,396	81	100	925	69,373	157,338	2,268	1,804
32	51	95 924	34 470,306	673 196,207	19,530	19,066							
33	52	95 619	33 279,116	638 725,901	19,193	18,729							
34	53	95 284	32 118,566	605 446,785	18,850	18,387							
35	54	94 922	30 989,444	573 328,219	18,501	18,037							
36	55	94 539	29 893,077	542 338,775	18,143	17,679							
37	56	94 121	28 824,138	512 445,699	17,778	17,315							
38	57	93 677	27 785,143	483 621,560	17,406	16,942							
39	58	93 200	26 773,539	455 836,417	17,026	16,562							
40	59	92 683	25 786,737	429 062,878	16,639	16,175							
41	60	92 127	24 825,227	403 276,142	16,245	15,781							
42	61	91 505	23 881,472	378 450,915	15,847	15,383							
43	62	90 840	22 961,663	354 569,443	15,442	14,978							
44	63	90 106	22 059,218	331 607,780	15,033	14,569							
45	64	89 321	21 178,689	309 548,562	14,616	14,152							
46	65	88 468	20 316,196	288 369,873	14,194	13,730							
47	66	87 560	19 474,740	268 053,677	13,764	13,301							
48	67	86 560	18 646,403	248 578,937	13,331	12,868							
49	68	85 495	17 837,153	229 932,534	12,891	12,427							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	20	99 449	99 449,245	2 664 106,954	26,789	26,325	50	70	83 465	16 865,562	203 352,197	12,057	11,594
1	21	99 043	95 925,039	2 564 657,709	26,736	26,272	51	71	82 166	16 080,533	186 486,634	11,597	11,133
2	22	98 989	92 855,769	2 468 732,670	26,587	26,123	52	72	80 724	15 301,078	170 406,102	11,137	10,673
3	23	98 949	89 895,803	2 375 876,901	26,429	25,966	53	73	79 157	14 531,781	155 105,024	10,674	10,210
4	24	98 912	87 034,146	2 285 981,099	26,265	25,802	54	74	77 440	13 769,075	140 573,243	10,209	9,746
5	25	98 879	84 266,342	2 198 946,952	26,095	25,632	55	75	75 529	13 006,472	126 804,167	9,749	9,286
6	26	98 847	81 587,122	2 114 680,610	25,919	25,456	56	76	73 408	12 243,356	113 797,695	9,295	8,831
7	27	98 813	78 991,956	2 033 093,488	25,738	25,274	57	77	71 088	11 483,219	101 554,339	8,844	8,380
8	28	98 778	76 478,672	1 954 101,532	25,551	25,087	58	78	68 561	10 726,430	90 071,120	8,397	7,933
9	29	98 745	74 046,454	1 877 622,860	25,357	24,894	59	79	65 779	9 967,211	79 344,690	7,961	7,497
10	30	98 709	71 689,487	1 803 576,407	25,158	24,695	60	80	62 786	9 214,216	69 377,479	7,529	7,066
11	31	98 672	69 407,062	1 731 886,920	24,953	24,489	61	81	59 538	8 462,591	60 163,262	7,109	6,646
12	32	98 634	67 196,266	1 662 479,858	24,741	24,277	62	82	56 072	7 718,997	51 700,671	6,698	6,234
13	33	98 588	65 050,820	1 595 283,592	24,524	24,060	63	83	52 345	6 979,082	43 981,674	6,302	5,838
14	34	98 541	62 973,195	1 530 232,773	24,300	23,836	64	84	48 442	6 255,406	37 002,592	5,915	5,452
15	35	98 484	60 955,930	1 467 259,578	24,071	23,607	65	85	44 305	5 541,155	30 747,187	5,549	5,085
16	36	98 428	59 003,232	1 406 303,648	23,834	23,371	66	86	40 027	4 848,484	25 206,032	5,199	4,735
17	37	98 355	57 103,997	1 347 300,416	23,594	23,130	67	87	35 656	4 183,055	20 357,548	4,867	4,403
18	38	98 269	55 258,291	1 290 196,419	23,348	22,885	68	88	31 226	3 548,059	16 174,493	4,559	4,095
19	39	98 167	53 463,378	1 234 938,127	23,099	22,635	69	89	26 883	2 958,398	12 626,433	4,268	3,804
20	40	98 055	51 720,968	1 181 474,749	22,843	22,380	70	90	22 595	2 408,277	9 668,036	4,015	3,551
21	41	97 933	50 030,646	1 129 753,781	22,581	22,118	71	91	18 663	1 926,529	7 259,759	3,768	3,305
22	42	97 801	48 390,829	1 079 723,136	22,313	21,849	72	92	14 964	1 496,097	5 333,230	3,565	3,101
23	43	97 662	46 801,032	1 031 332,307	22,037	21,573	73	93	11 803	1 142,967	3 837,133	3,357	2,894
24	44	97 511	45 257,791	984 531,274	21,754	21,290	74	94	9 078	851,369	2 694,165	3,165	2,701
25	45	97 347	43 759,480	939 273,483	21,464	21,001	75	95	6 789	616,696	1 842,797	2,988	2,525
26	46	97 170	42 305,016	895 514,003	21,168	20,704	76	96	4 934	434,036	1 226,101	2,825	2,361
27	47	96 977	40 891,871	853 208,987	20,865	20,401	77	97	3 477	296,235	792,065	2,674	2,210
28	48	96 757	39 514,933	812 317,116	20,557	20,094	78	98	2 370	195,614	495,830	2,535	2,071
29	49	96 528	38 180,484	772 802,183	20,241	19,777	79	99	1 560	124,683	300,216	2,408	1,944
30	50	96 266	36 878,321	734 621,699	19,920	19,457	80	100	990	76,612	175,533	2,291	1,828
31	51	95 992	35 616,012	697 743,377	19,591	19,127							
32	52	95 689	34 385,964	662 127,366	19,256	18,792							
33	53	95 356	33 187,752	627 741,401	18,915	18,451							
34	54	94 997	32 022,000	594 553,649	18,567	18,103							
35	55	94 619	30 890,550	562 531,649	18,210	17,747							
36	56	94 204	29 787,161	531 641,099	17,848	17,384							
37	57	93 766	28 715,408	501 853,939	17,477	17,013							
38	58	93 303	27 674,098	473 138,531	17,097	16,633							
39	59	92 789	26 655,406	445 464,433	16,712	16,248							
40	60	92 245	25 664,971	418 809,027	16,318	15,855							
41	61	91 630	24 691,435	393 144,056	15,922	15,459							
42	62	90 979	23 744,232	368 452,621	15,518	15,054							
43	63	90 267	22 816,829	344 708,389	15,108	14,644							
44	64	89 499	21 910,586	321 891,560	14,691	14,228							
45	65	88 664	21 023,038	299 980,974	14,269	13,806							
46	66	87 777	20 157,529	278 957,936	13,839	13,375							
47	67	86 811	19 308,148	258 800,407	13,404	12,940							
48	68	85 770	18 476,119	239 492,259	12,962	12,499							
49	69	84 664	17 663,943	221 016,140	12,512	12,049							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$(12) ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$(12) ä_{xy}$
0	21	99 427	99 427,169	2 651 431,177	26,667	26,203	50	71	82 496	16 669,842	194 364,643	11,660	11,196
1	22	99 022	95 904,963	2 552 004,009	26,610	26,146	51	72	81 108	15 873,461	177 694,801	11,194	10,731
2	23	98 967	92 834,938	2 456 099,046	26,457	25,993	52	73	79 556	15 079,553	161 821,341	10,731	10,268
3	24	98 926	89 875,254	2 363 264,108	26,295	25,831	53	74	77 870	14 295,477	146 741,788	10,265	9,801
4	25	98 892	87 016,554	2 273 388,854	26,126	25,662	54	75	76 000	13 512,867	132 446,310	9,801	9,338
5	26	98 857	84 247,805	2 186 372,300	25,952	25,488	55	76	73 908	12 727,380	118 933,444	9,345	8,881
6	27	98 823	81 567,813	2 102 124,495	25,771	25,308	56	77	71 610	11 943,482	106 206,063	8,892	8,429
7	28	98 786	78 970,735	2 020 556,682	25,586	25,123	57	78	69 117	11 164,862	94 262,581	8,443	7,979
8	29	98 753	76 459,332	1 941 585,947	25,394	24,930	58	79	66 363	10 382,452	83 097,720	8,004	7,540
9	30	98 717	74 025,208	1 865 126,614	25,196	24,732	59	80	63 391	9 605,343	72 715,268	7,570	7,107
10	31	98 681	71 669,196	1 791 101,406	24,991	24,528	60	81	60 164	8 829,379	63 109,925	7,148	6,684
11	32	98 642	69 386,099	1 719 432,210	24,781	24,317	61	82	56 705	8 059,854	54 280,546	6,735	6,271
12	33	98 599	67 172,447	1 650 046,111	24,564	24,101	62	83	52 980	7 293,338	46 220,692	6,337	5,874
13	34	98 552	65 027,035	1 582 873,664	24,342	23,878	63	84	49 062	6 541,412	38 927,354	5,951	5,487
14	35	98 499	62 946,445	1 517 846,629	24,113	23,650	64	85	44 939	5 803,042	32 385,942	5,581	5,117
15	36	98 445	60 931,684	1 454 900,184	23,878	23,414	65	86	40 639	5 082,598	26 582,900	5,230	4,767
16	37	98 381	58 975,193	1 393 968,499	23,637	23,173	66	87	36 255	4 391,647	21 500,302	4,896	4,432
17	38	98 303	57 073,522	1 334 993,307	23,391	22,927	67	88	31 794	3 730,065	17 108,655	4,587	4,123
18	39	98 215	55 227,528	1 277 919,785	23,139	22,676	68	89	27 407	3 114,177	13 378,590	4,296	3,832
19	40	98 103	53 428,009	1 222 692,257	22,885	22,421	69	90	23 078	2 539,734	10 264,412	4,042	3,578
20	41	97 985	51 684,442	1 169 264,247	22,623	22,160	70	91	19 097	2 035,486	7 724,678	3,795	3,331
21	42	97 854	49 990,546	1 117 579,806	22,356	21,892	71	92	15 346	1 584,211	5 689,192	3,591	3,128
22	43	97 714	48 347,757	1 067 589,259	22,081	21,618	72	93	12 132	1 212,996	4 104,981	3,384	2,921
23	44	97 562	46 753,111	1 019 241,502	21,801	21,337	73	94	9 357	906,084	2 891,984	3,192	2,728
24	45	97 402	45 206,959	972 488,391	21,512	21,048	74	95	7 027	659,059	1 985,900	3,013	2,550
25	46	97 224	43 703,939	927 281,432	21,217	20,754	75	96	5 126	465,572	1 326,841	2,850	2,386
26	47	97 033	42 245,403	883 577,493	20,915	20,452	76	97	3 628	319,145	861,269	2,699	2,235
27	48	96 818	40 825,008	841 332,089	20,608	20,145	77	98	2 487	211,876	542,124	2,559	2,095
28	49	96 586	39 445,053	800 507,081	20,294	19,831	78	99	1 647	135,914	330,248	2,430	1,966
29	50	96 329	38 101,922	761 062,028	19,974	19,511	79	100	1 052	84,048	194,334	2,312	1,849
30	51	96 054	36 797,078	722 960,105	19,647	19,184							
31	52	95 758	35 528,867	686 163,027	19,313	18,849							
32	53	95 427	34 291,562	650 634,160	18,974	18,510							
33	54	95 070	33 087,972	616 342,598	18,627	18,164							
34	55	94 694	31 919,811	583 254,626	18,272	17,809							
35	56	94 284	30 781,099	551 334,816	17,911	17,448							
36	57	93 849	29 674,797	520 553,716	17,542	17,078							
37	58	93 392	28 600,645	490 878,919	17,163	16,700							
38	59	92 891	27 551,991	462 278,274	16,778	16,315							
39	60	92 351	26 529,539	434 726,283	16,386	15,923							
40	61	91 748	25 526,654	408 196,744	15,991	15,527							
41	62	91 104	24 549,541	382 670,091	15,588	15,124							
42	63	90 405	23 594,462	358 120,550	15,178	14,715							
43	64	89 659	22 663,093	334 526,089	14,761	14,297							
44	65	88 841	21 749,556	311 862,996	14,339	13,875							
45	66	87 972	20 858,851	290 113,440	13,908	13,445							
46	67	87 026	19 985,096	269 254,589	13,473	13,009							
47	68	86 018	19 131,820	249 269,493	13,029	12,565							
48	69	84 937	18 296,704	230 137,673	12,578	12,114							
49	70	83 765	17 476,326	211 840,969	12,122	11,658							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$
0	22	99 406	99 406,360	2 638 219,425	26,540	26,076	50	72	81 434	16 455,181	185 145,817	11,252	10,788
1	23	99 000	95 883,448	2 538 813,065	26,478	26,014	51	73	79 934	15 643,649	168 690,636	10,783	10,320
2	24	98 945	92 813,718	2 442 929,617	26,321	25,857	52	74	78 262	14 834,341	153 046,987	10,317	9,853
3	25	98 906	89 857,087	2 350 115,899	26,154	25,690	53	75	76 421	14 029,474	138 212,646	9,852	9,388
4	26	98 870	86 997,412	2 260 258,812	25,981	25,517	54	76	74 369	13 222,908	124 183,172	9,392	8,928
5	27	98 834	84 227,867	2 173 261,400	25,802	25,339	55	77	72 098	12 415,651	110 960,264	8,937	8,474
6	28	98 797	81 545,900	2 089 033,533	25,618	25,154	56	78	69 625	11 612,365	98 544,613	8,486	8,023
7	29	98 761	78 950,766	2 007 487,633	25,427	24,963	57	79	66 901	10 806,824	86 932,248	8,044	7,581
8	30	98 725	76 437,395	1 928 536,868	25,230	24,767	58	80	63 953	10 005,507	76 125,424	7,608	7,145
9	31	98 689	74 004,257	1 852 099,473	25,027	24,563	59	81	60 743	9 204,170	66 119,917	7,184	6,720
10	32	98 651	71 647,550	1 778 095,216	24,817	24,354	60	82	57 300	8 409,186	56 915,747	6,768	6,305
11	33	98 607	69 361,504	1 706 447,666	24,602	24,139	61	83	53 578	7 615,399	48 506,561	6,370	5,906
12	34	98 563	67 147,886	1 637 086,162	24,380	23,917	62	84	49 657	6 835,961	40 891,162	5,982	5,518
13	35	98 510	64 999,413	1 569 938,276	24,153	23,689	63	85	45 514	6 068,365	34 055,201	5,612	5,148
14	36	98 460	62 921,408	1 504 938,863	23,918	23,454	64	86	41 220	5 322,813	27 986,835	5,258	4,794
15	37	98 398	60 902,729	1 442 017,455	23,677	23,214	65	87	36 810	4 603,702	22 664,022	4,923	4,459
16	38	98 328	58 943,718	1 381 114,726	23,431	22,967	66	88	32 329	3 916,069	18 060,320	4,612	4,148
17	39	98 248	57 041,748	1 322 171,008	23,179	22,715	67	89	27 906	3 273,926	14 144,252	4,320	3,857
18	40	98 150	55 190,993	1 265 129,260	22,923	22,459	68	90	23 529	2 673,468	10 870,325	4,066	3,602
19	41	98 033	53 390,277	1 209 938,267	22,662	22,199	69	91	19 506	2 146,595	8 196,857	3,819	3,355
20	42	97 907	51 643,017	1 156 547,990	22,395	21,931	70	92	15 704	1 673,808	6 050,262	3,615	3,151
21	43	97 767	49 946,050	1 104 904,973	22,122	21,658	71	93	12 442	1 284,437	4 376,455	3,407	2,944
22	44	97 614	48 298,252	1 054 958,923	21,843	21,379	72	94	9 618	961,600	3 092,017	3,215	2,752
23	45	97 453	46 700,600	1 006 660,671	21,556	21,092	73	95	7 244	701,416	2 130,418	3,037	2,574
24	46	97 278	45 149,581	959 960,071	21,262	20,798	74	96	5 305	497,554	1 429,002	2,872	2,408
25	47	97 087	43 642,356	914 810,490	20,962	20,498	75	97	3 769	342,333	931,448	2,721	2,257
26	48	96 875	42 176,327	871 168,134	20,655	20,192	76	98	2 595	228,261	589,115	2,581	2,117
27	49	96 647	40 752,812	828 991,807	20,342	19,878	77	99	1 728	147,213	360,853	2,451	1,988
28	50	96 387	39 363,889	788 238,995	20,024	19,561	78	100	1 110	91,619	213,640	2,332	1,868
29	51	96 117	38 017,984	748 875,106	19,698	19,234							
30	52	95 819	36 707,044	710 857,122	19,366	18,902							
31	53	95 495	35 431,327	674 150,078	19,027	18,563							
32	54	95 140	34 188,463	638 718,751	18,682	18,219							
33	55	94 766	32 982,381	604 530,288	18,329	17,865							
34	56	94 358	31 806,713	571 547,908	17,969	17,506							
35	57	93 928	30 664,987	539 741,194	17,601	17,138							
36	58	93 474	29 556,200	509 076,207	17,224	16,760							
37	59	92 980	28 474,450	479 520,007	16,840	16,377							
38	60	92 453	27 421,890	451 045,558	16,448	15,985							
39	61	91 853	26 386,561	423 623,667	16,055	15,591							
40	62	91 221	25 379,959	397 237,106	15,652	15,188							
41	63	90 529	24 394,691	371 857,147	15,243	14,780							
42	64	89 796	23 435,485	347 462,456	14,826	14,363							
43	65	89 000	22 496,532	324 026,970	14,403	13,940							
44	66	88 147	21 579,695	301 530,438	13,973	13,509							
45	67	87 219	20 680,419	279 950,743	13,537	13,073							
46	68	86 231	19 802,586	259 270,325	13,093	12,629							
47	69	85 183	18 946,038	239 467,738	12,639	12,176							
48	70	84 035	18 102,365	220 521,700	12,182	11,718							
49	71	82 793	17 273,518	202 419,335	11,718	11,255							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	23	99 384	99 384,060	2 624 458,364	26,407	25,944	50	73	80 255	16 216,948	175 713,604	10,835	10,372
1	24	98 977	95 861,531	2 525 074,304	26,341	25,877	51	74	78 634	15 389,265	159 496,656	10,364	9,901
2	25	98 925	92 794,957	2 429 212,773	26,178	25,715	52	75	76 806	14 558,311	144 107,391	9,899	9,435
3	26	98 884	89 837,320	2 336 417,816	26,007	25,544	53	76	74 781	13 728,430	129 549,080	9,437	8,973
4	27	98 847	86 976,822	2 246 580,496	25,830	25,366	54	77	72 547	12 899,042	115 820,650	8,979	8,515
5	28	98 807	84 205,239	2 159 603,673	25,647	25,183	55	78	70 099	12 071,443	102 921,608	8,526	8,062
6	29	98 772	81 525,279	2 075 398,434	25,457	24,993	56	79	67 392	11 239,976	90 850,165	8,083	7,619
7	30	98 733	78 928,113	1 993 873,155	25,262	24,798	57	80	64 472	10 414,472	79 610,189	7,644	7,181
8	31	98 697	76 415,760	1 914 945,042	25,060	24,596	58	81	61 282	9 587,621	69 195,717	7,217	6,754
9	32	98 659	73 981,906	1 838 529,282	24,851	24,387	59	82	57 852	8 766,140	59 608,095	6,800	6,336
10	33	98 616	71 622,153	1 764 547,376	24,637	24,173	60	83	54 141	7 945,467	50 841,955	6,399	5,935
11	34	98 571	69 336,142	1 692 925,223	24,416	23,953	61	84	50 218	7 137,825	42 896,488	6,010	5,546
12	35	98 521	67 119,363	1 623 589,080	24,190	23,726	62	85	46 066	6 341,614	35 758,663	5,639	5,175
13	36	98 471	64 973,559	1 556 469,717	23,955	23,492	63	86	41 748	5 566,180	29 417,049	5,285	4,821
14	37	98 413	62 891,507	1 491 496,158	23,715	23,252	64	87	37 336	4 821,283	23 850,869	4,947	4,483
15	38	98 346	60 870,226	1 428 604,651	23,470	23,006	65	88	32 823	4 105,160	19 029,585	4,636	4,172
16	39	98 274	58 910,904	1 367 734,425	23,217	22,753	66	89	28 376	3 437,184	14 924,425	4,342	3,878
17	40	98 183	57 004,012	1 308 823,521	22,960	22,497	67	90	23 957	2 810,610	11 487,242	4,087	3,623
18	41	98 080	55 152,015	1 251 819,509	22,698	22,234	68	91	19 887	2 259,627	8 676,631	3,840	3,376
19	42	97 955	53 347,485	1 196 667,494	22,432	21,968	69	92	16 040	1 765,174	6 417,004	3,635	3,172
20	43	97 820	51 597,050	1 143 320,009	22,159	21,695	70	93	12 732	1 357,080	4 651,830	3,428	2,964
21	44	97 667	49 894,909	1 091 722,959	21,880	21,417	71	94	9 864	1 018,234	3 294,751	3,236	2,772
22	45	97 505	48 244,005	1 041 828,050	21,595	21,131	72	95	7 445	744,391	2 276,516	3,058	2,595
23	46	97 329	46 641,326	993 584,045	21,303	20,839	73	96	5 468	529,531	1 532,125	2,893	2,430
24	47	97 141	45 085,961	946 942,719	21,003	20,539	74	97	3 901	365,849	1 002,594	2,740	2,277
25	48	96 928	43 570,995	901 856,758	20,699	20,235	75	98	2 696	244,846	636,745	2,601	2,137
26	49	96 703	42 101,741	858 285,763	20,386	19,922	76	99	1 803	158,598	391,899	2,471	2,007
27	50	96 448	40 668,957	816 184,022	20,069	19,605	77	100	1 165	99,236	233,301	2,351	1,887
28	51	96 175	39 277,171	775 515,064	19,745	19,281							
29	52	95 882	37 924,962	736 237,894	19,413	18,949							
30	53	95 556	36 606,269	698 312,932	19,076	18,613							
31	54	95 208	35 324,801	661 706,663	18,732	18,268							
32	55	94 836	34 079,360	626 381,862	18,380	17,916							
33	56	94 431	32 865,519	592 302,502	18,022	17,558							
34	57	94 003	31 686,732	559 436,983	17,655	17,192							
35	58	93 553	30 542,432	527 750,251	17,279	16,816							
36	59	93 062	29 425,789	497 207,819	16,897	16,433							
37	60	92 541	28 339,993	467 782,030	16,506	16,042							
38	61	91 954	27 274,104	439 442,037	16,112	15,648							
39	62	91 326	26 234,926	412 167,933	15,711	15,247							
40	63	90 645	25 219,872	385 933,008	15,303	14,839							
41	64	89 919	24 230,323	360 713,136	14,887	14,423							
42	65	89 136	23 263,248	336 482,813	14,464	14,001							
43	66	88 305	22 320,837	313 219,565	14,033	13,569							
44	67	87 393	21 395,096	290 898,727	13,597	13,133							
45	68	86 423	20 491,559	269 503,631	13,152	12,688							
46	69	85 394	19 610,291	249 012,073	12,698	12,234							
47	70	84 278	18 744,803	229 401,782	12,238	11,775							
48	71	83 059	17 892,292	210 656,979	11,774	11,310							
49	72	81 727	17 051,083	192 764,687	11,305	10,842							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$
0	24	99 361	99 361,342	2 610 136,976	26,269	25,806	50	74	78 950	15 953,241	166 091,203	10,411	9,948
1	25	98 957	95 842,154	2 510 775,633	26,197	25,733	51	75	77 171	15 102,908	150 137,962	9,941	9,477
2	26	98 903	92 774,544	2 414 933,479	26,030	25,567	52	76	75 158	14 245,919	135 035,054	9,479	9,015
3	27	98 861	89 816,059	2 322 158,935	25,855	25,391	53	77	72 950	13 392,182	120 789,134	9,019	8,556
4	28	98 821	86 953,456	2 232 342,876	25,673	25,209	54	78	70 536	12 541,433	107 396,952	8,563	8,100
5	29	98 782	84 183,946	2 145 389,420	25,485	25,021	55	79	67 851	11 684,333	94 855,519	8,118	7,655
6	30	98 743	81 501,888	2 061 205,474	25,290	24,827	56	80	64 945	10 831,898	83 171,186	7,678	7,215
7	31	98 705	78 905,774	1 979 703,586	25,089	24,626	57	81	61 779	9 979,506	72 339,288	7,249	6,785
8	32	98 667	76 392,681	1 900 797,812	24,882	24,418	58	82	58 366	9 131,343	62 359,782	6,829	6,366
9	33	98 624	73 955,681	1 824 405,131	24,669	24,205	59	83	54 662	8 282,737	53 228,439	6,426	5,963
10	34	98 580	71 595,966	1 750 449,450	24,449	23,985	60	84	50 745	7 447,195	44 945,702	6,035	5,572
11	35	98 529	69 306,690	1 678 853,485	24,224	23,760	61	85	46 586	6 621,648	37 498,507	5,663	5,199
12	36	98 482	67 092,666	1 609 546,794	23,990	23,526	62	86	42 254	5 816,816	30 876,859	5,308	4,845
13	37	98 424	64 942,683	1 542 454,128	23,751	23,287	63	87	37 814	5 041,720	25 060,043	4,971	4,507
14	38	98 361	62 857,943	1 477 511,445	23,506	23,042	64	88	33 293	4 299,179	20 018,323	4,656	4,193
15	39	98 291	60 836,339	1 414 653,502	23,253	22,790	65	89	28 810	3 603,152	15 719,144	4,363	3,899
16	40	98 209	58 871,931	1 353 817,164	22,996	22,532	66	90	24 360	2 950,764	12 115,993	4,106	3,642
17	41	98 114	56 963,754	1 294 945,233	22,733	22,269	67	91	20 249	2 375,540	9 165,229	3,858	3,395
18	42	98 002	55 107,811	1 237 981,478	22,465	22,001	68	92	16 353	1 858,122	6 789,689	3,654	3,190
19	43	97 867	53 300,001	1 182 873,667	22,193	21,729	69	93	13 005	1 431,157	4 931,567	3,446	2,982
20	44	97 719	51 544,218	1 129 573,666	21,915	21,451	70	94	10 094	1 075,821	3 500,410	3,254	2,790
21	45	97 557	49 838,869	1 078 029,448	21,630	21,167	71	95	7 636	788,233	2 424,588	3,076	2,612
22	46	97 381	48 182,772	1 028 190,579	21,339	20,876	72	96	5 621	561,975	1 636,355	2,912	2,448
23	47	97 192	46 575,603	980 007,807	21,041	20,578	73	97	4 021	389,362	1 074,380	2,759	2,296
24	48	96 982	45 012,240	933 432,204	20,737	20,274	74	98	2 790	261,666	685,019	2,618	2,154
25	49	96 757	43 493,943	888 419,964	20,426	19,963	75	99	1 873	170,121	423,353	2,489	2,025
26	50	96 504	42 015,111	844 926,021	20,110	19,646	76	100	1 215	106,910	253,232	2,369	1,905
27	51	96 236	40 579,364	802 910,910	19,786	19,323							
28	52	95 940	39 181,067	762 331,547	19,457	18,993							
29	53	95 619	37 820,844	723 150,479	19,120	18,657							
30	54	95 269	36 496,211	685 329,636	18,778	18,314							
31	55	94 904	35 212,072	648 833,425	18,426	17,963							
32	56	94 500	33 958,611	613 621,353	18,070	17,606							
33	57	94 074	32 741,543	579 662,742	17,704	17,241							
34	58	93 627	31 560,094	546 921,198	17,330	16,866							
35	59	93 140	30 407,669	515 361,104	16,948	16,485							
36	60	92 622	29 286,840	484 953,435	16,559	16,095							
37	61	92 042	28 187,259	455 666,595	16,166	15,702							
38	62	91 426	27 117,368	427 479,337	15,764	15,300							
39	63	90 749	26 069,445	400 361,969	15,358	14,894							
40	64	90 035	25 049,944	374 292,524	14,942	14,478							
41	65	89 258	24 052,244	349 242,580	14,520	14,057							
42	66	88 440	23 081,565	325 190,336	14,089	13,625							
43	67	87 549	22 129,899	302 108,771	13,652	13,188							
44	68	86 595	21 199,710	279 978,872	13,207	12,743							
45	69	85 583	20 292,573	258 779,162	12,752	12,289							
46	70	84 487	19 402,000	238 486,589	12,292	11,828							
47	71	83 300	18 527,274	219 084,589	11,825	11,361							
48	72	81 990	17 661,890	200 557,315	11,355	10,892							
49	73	80 544	16 804,222	182 895,425	10,884	10,420							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$
0	25	99 341	99 341,258	2 595 242,677	26,125	25,661	50	75	77 481	15 656,390	156 304,489	9,983	9,520
1	26	98 935	95 821,071	2 495 901,419	26,048	25,584	51	76	75 515	14 778,831	140 648,098	9,517	9,053
2	27	98 879	92 752,587	2 400 080,348	25,876	25,413	52	77	73 317	13 896,997	125 869,267	9,057	8,594
3	28	98 834	89 791,930	2 307 327,761	25,696	25,233	53	78	70 927	13 020,901	111 972,270	8,599	8,136
4	29	98 796	86 931,468	2 217 535,831	25,509	25,045	54	79	68 274	12 139,251	98 951,369	8,151	7,688
5	30	98 754	84 159,792	2 130 604,363	25,316	24,853	55	80	65 388	11 260,122	86 812,118	7,710	7,246
6	31	98 715	81 478,820	2 046 444,571	25,116	24,653	56	81	62 233	10 379,498	75 551,996	7,279	6,815
7	32	98 675	78 881,942	1 964 965,751	24,910	24,447	57	82	58 839	9 504,578	65 172,498	6,857	6,393
8	33	98 632	76 365,602	1 886 083,808	24,698	24,234	58	83	55 147	8 627,801	55 667,920	6,452	5,989
9	34	98 588	73 928,640	1 809 718,207	24,479	24,016	59	84	51 234	7 763,314	47 040,119	6,059	5,596
10	35	98 538	71 565,553	1 735 789,566	24,255	23,791	60	85	47 076	6 908,645	39 276,805	5,685	5,222
11	36	98 490	69 279,123	1 664 224,013	24,022	23,558	61	86	42 731	6 073,676	32 368,159	5,329	4,866
12	37	98 435	67 060,783	1 594 944,890	23,784	23,320	62	87	38 273	5 268,740	26 294,483	4,991	4,527
13	38	98 371	64 908,024	1 527 884,107	23,539	23,076	63	88	33 719	4 495,744	21 025,743	4,677	4,213
14	39	98 306	62 822,949	1 462 976,083	23,287	22,824	64	89	29 221	3 773,444	16 530,000	4,381	3,917
15	40	98 226	60 796,092	1 400 153,134	23,030	22,567	65	90	24 733	3 093,245	12 756,555	4,124	3,660
16	41	98 139	58 830,354	1 339 357,042	22,766	22,303	66	91	20 589	2 493,999	9 663,311	3,875	3,411
17	42	98 035	56 918,098	1 280 526,687	22,498	22,034	67	92	16 651	1 953,439	7 169,312	3,670	3,206
18	43	97 915	55 058,761	1 223 608,589	22,224	21,760	68	93	13 259	1 506,517	5 215,873	3,462	2,999
19	44	97 767	53 245,425	1 168 549,829	21,946	21,483	69	94	10 309	1 134,546	3 709,356	3,269	2,806
20	45	97 610	51 486,326	1 115 304,404	21,662	21,199	70	95	7 814	832,812	2 574,810	3,092	2,628
21	46	97 433	49 775,612	1 063 818,078	21,372	20,909	71	96	5 765	595,073	1 741,998	2,927	2,464
22	47	97 244	48 114,878	1 014 042,466	21,075	20,612	72	97	4 133	413,218	1 146,925	2,776	2,312
23	48	97 033	46 499,447	965 927,588	20,773	20,309	73	98	2 876	278,483	733,707	2,635	2,171
24	49	96 811	44 932,639	919 428,142	20,462	19,999	74	99	1 939	181,808	455,225	2,504	2,040
25	50	96 557	43 404,448	874 495,503	20,148	19,684	75	100	1 263	114,678	273,417	2,384	1,921
26	51	96 292	41 922,551	831 091,055	19,824	19,361							
27	52	96 000	40 480,074	789 168,504	19,495	19,032							
28	53	95 676	39 073,501	748 688,430	19,161	18,697							
29	54	95 331	37 707,134	709 614,929	18,819	18,355							
30	55	94 965	36 379,743	671 907,795	18,469	18,006							
31	56	94 568	35 087,310	635 528,052	18,113	17,649							
32	57	94 144	33 830,512	600 440,742	17,748	17,285							
33	58	93 698	32 610,690	566 610,230	17,375	16,911							
34	59	93 214	31 420,841	533 999,540	16,995	16,531							
35	60	92 700	30 264,084	502 578,699	16,606	16,143							
36	61	92 123	29 129,003	472 314,615	16,215	15,751							
37	62	91 513	28 025,275	443 185,613	15,814	15,350							
38	63	90 849	26 946,321	415 160,338	15,407	14,943							
39	64	90 138	25 893,793	388 214,017	14,993	14,529							
40	65	89 373	24 865,841	362 320,224	14,571	14,107							
41	66	88 561	23 864,399	337 454,383	14,140	13,677							
42	67	87 683	22 884,120	313 589,984	13,703	13,240							
43	68	86 750	21 927,802	290 705,864	13,257	12,794							
44	69	85 754	20 993,847	268 778,062	12,803	12,339							
45	70	84 674	20 077,035	247 784,215	12,342	11,878							
46	71	83 506	19 176,845	227 707,180	11,874	11,410							
47	72	82 227	18 288,695	208 530,335	11,402	10,939							
48	73	80 803	17 406,186	190 241,640	10,930	10,466							
49	74	79 234	16 530,966	172 835,454	10,455	9,992							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	49	93 528	18 898,987	327 752,564	17,342	16,879
1	0	99 613	96 477,693	2 724 228,745	28,237	27,773	51	50	92 962	18 193,360	308 853,577	16,976	16,513
2	1	99 267	93 115,797	2 627 751,052	28,220	27,757	52	51	92 318	17 498,689	290 660,218	16,610	16,147
3	2	99 222	90 143,968	2 534 635,255	28,118	27,654	53	52	91 632	16 821,781	273 161,529	16,239	15,775
4	3	99 193	87 281,364	2 444 491,288	28,007	27,543	54	53	90 876	16 157,871	256 339,748	15,865	15,401
5	4	99 169	84 513,339	2 357 209,924	27,892	27,428	55	54	90 041	15 505,597	240 181,877	15,490	15,026
6	5	99 146	81 834,515	2 272 696,585	27,772	27,308	56	55	89 147	14 868,317	224 676,280	15,111	14,647
7	6	99 126	79 242,226	2 190 862,070	27,648	27,184	57	56	88 183	14 244,689	209 807,963	14,729	14,265
8	7	99 109	76 734,912	2 111 619,843	27,518	27,055	58	57	87 144	13 633,692	195 563,274	14,344	13,880
9	8	99 092	74 306,959	2 034 884,931	27,385	26,921	59	58	86 032	13 036,111	181 929,582	13,956	13,492
10	9	99 077	71 957,047	1 960 577,973	27,247	26,783	60	59	84 835	12 450,108	168 893,471	13,566	13,102
11	10	99 062	69 681,020	1 888 620,926	27,104	26,640	61	60	83 557	11 876,562	156 443,362	13,172	12,709
12	11	99 046	67 477,090	1 818 939,906	26,956	26,493	62	61	82 179	11 312,994	144 566,801	12,779	12,315
13	12	99 027	65 340,615	1 751 462,816	26,805	26,341	63	62	80 727	10 763,326	133 253,807	12,380	11,917
14	13	99 008	63 271,777	1 686 122,201	26,649	26,185	64	63	79 204	10 227,804	122 490,481	11,976	11,513
15	14	98 984	61 265,485	1 622 850,424	26,489	26,025	65	64	77 561	9 700,427	112 262,677	11,573	11,109
16	15	98 956	59 320,038	1 561 584,939	26,325	25,861	66	65	75 832	9 185,599	102 562,250	11,166	10,702
17	16	98 918	57 430,676	1 502 264,901	26,158	25,694	67	66	73 995	8 680,975	93 376,651	10,756	10,293
18	17	98 869	55 595,531	1 444 834,225	25,988	25,525	68	67	72 050	8 186,757	84 695,676	10,345	9,882
19	18	98 806	53 810,988	1 389 238,694	25,817	25,353	69	68	70 025	7 706,210	76 508,918	9,928	9,465
20	19	98 735	52 079,813	1 335 427,706	25,642	25,178	70	69	67 893	7 236,374	68 802,709	9,508	9,044
21	20	98 661	50 402,953	1 283 347,893	25,462	24,998	71	70	65 643	6 776,275	61 566,335	9,086	8,622
22	21	98 586	48 779,208	1 232 944,940	25,276	24,812	72	71	63 263	6 325,113	54 790,060	8,662	8,199
23	22	98 513	47 208,798	1 184 165,732	25,084	24,620	73	72	60 756	5 883,202	48 464,947	8,238	7,774
24	23	98 440	45 688,652	1 136 956,933	24,885	24,421	74	73	58 089	5 447,901	42 581,745	7,816	7,353
25	24	98 362	44 215,640	1 091 268,281	24,681	24,217	75	74	55 209	5 014,823	37 133,844	7,405	6,941
26	25	98 288	42 791,686	1 047 052,641	24,469	24,005	76	75	52 153	4 588,146	32 119,021	7,000	6,537
27	26	98 209	41 411,540	1 004 260,955	24,251	23,787	77	76	48 910	4 167,402	27 530,876	6,606	6,143
28	27	98 124	40 073,156	962 849,415	24,027	23,564	78	77	45 482	3 753,311	23 363,474	6,225	5,761
29	28	98 039	38 778,030	922 776,258	23,796	23,333	79	78	41 885	3 347,701	19 610,163	5,858	5,394
30	29	97 949	37 523,226	883 998,228	23,559	23,095	80	79	38 156	2 953,645	16 262,462	5,506	5,042
31	30	97 859	36 308,432	846 475,002	23,313	22,850	81	80	34 379	2 577,475	13 308,817	5,164	4,700
32	31	97 761	35 130,506	810 166,570	23,062	22,598	82	81	30 543	2 217,812	10 731,341	4,839	4,375
33	32	97 660	33 989,423	775 036,064	22,802	22,339	83	82	26 753	1 881,444	8 513,529	4,525	4,061
34	33	97 551	32 882,749	741 046,641	22,536	22,072	84	83	23 055	1 570,389	6 632,084	4,223	3,760
35	34	97 438	31 810,803	708 163,892	22,262	21,798	85	84	19 488	1 285,597	5 061,695	3,937	3,474
36	35	97 314	30 770,538	676 353,089	21,981	21,517	86	85	16 114	1 029,605	3 776,098	3,668	3,204
37	36	97 190	29 763,880	645 582,551	21,690	21,227	87	86	12 994	804,078	2 746,493	3,416	2,952
38	37	97 052	28 785,963	615 818,671	21,393	20,929	88	87	10 178	609,989	1 942,415	3,184	2,721
39	38	96 893	27 834,360	587 032,708	21,090	20,627	89	88	7 730	448,680	1 332,426	2,970	2,506
40	39	96 728	26 912,279	559 198,348	20,779	20,315	90	89	5 649	317,617	883,746	2,782	2,319
41	40	96 540	26 014,502	532 286,070	20,461	19,998	91	90	3 996	217,608	566,129	2,602	2,138
42	41	96 340	25 143,368	506 271,568	20,135	19,672	92	91	2 703	142,539	348,521	2,445	1,981
43	42	96 115	24 295,198	481 128,200	19,803	19,340	93	92	1 742	88,962	205,982	2,315	1,852
44	43	95 859	23 467,592	456 833,001	19,467	19,003	94	93	1 081	53,465	117,020	2,189	1,725
45	44	95 570	22 660,458	433 365,410	19,124	18,661	95	94	640	30,642	63,555	2,074	1,610
46	45	95 251	21 873,967	410 704,951	18,776	18,312	96	95	360	16,703	32,913	1,970	1,507
47	46	94 895	21 106,215	388 830,984	18,423	17,959	97	96	192	8,638	16,210	1,877	1,413
48	47	94 488	20 354,124	367 724,769	18,066	17,603	98	97	97	4,226	7,572	1,792	1,328
49	48	94 031	19 618,081	347 370,645	17,707	17,243	99	98	46	1,951	3,346	1,715	1,251
							100	99	21	0,848	1,395	1,645	1,182

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß 3,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	48	93 694	18 932,467	330 656,975	17,465	17,001
1							51	49	93 154	18 230,873	311 724,508	17,099	16,635
2	0	99 581	93 410,290	2 631 532,399	28,172	27,708	52	50	92 522	17 537,324	293 493,635	16,735	16,272
3	1	99 248	90 167,769	2 538 122,109	28,149	27,685	53	51	91 856	16 863,041	275 956,312	16,365	15,901
4	2	99 208	87 294,366	2 447 954,340	28,043	27,579	54	52	91 126	16 202,353	259 093,271	15,991	15,527
5	3	99 180	84 522,783	2 360 659,975	27,929	27,466	55	53	90 313	15 552,356	242 890,918	15,618	15,154
6	4	99 158	81 844,270	2 276 137,192	27,811	27,347	56	54	89 432	14 915,917	227 338,562	15,241	14,778
7	5	99 136	79 250,236	2 194 292,922	27,688	27,225	57	55	88 497	14 295,340	212 422,646	14,860	14,396
8	6	99 118	76 741,595	2 115 042,686	27,561	27,097	58	56	87 474	13 685,316	198 127,306	14,477	14,014
9	7	99 101	74 313,337	2 038 301,091	27,428	26,965	59	57	86 378	13 088,420	184 441,990	14,092	13,628
10	8	99 085	71 962,347	1 963 987,754	27,292	26,828	60	58	85 211	12 505,286	171 353,570	13,702	13,239
11	9	99 068	69 685,827	1 892 025,407	27,151	26,687	61	59	83 954	11 932,909	158 848,284	13,312	12,848
12	10	99 053	67 481,879	1 822 339,580	27,005	26,541	62	60	82 624	11 374,294	146 915,375	12,916	12,453
13	11	99 035	65 345,841	1 754 857,702	26,855	26,391	63	61	81 194	10 825,537	135 541,082	12,520	12,057
14	12	99 016	63 276,871	1 689 511,861	26,700	26,237	64	62	79 707	10 292,727	124 715,544	12,117	11,653
15	13	98 993	61 270,974	1 626 234,990	26,542	26,078	65	63	78 087	9 766,231	114 422,817	11,716	11,253
16	14	98 967	59 326,468	1 564 964,016	26,379	25,915	66	64	76 393	9 253,607	104 656,587	11,310	10,846
17	15	98 930	57 437,901	1 505 637,548	26,213	25,750	67	65	74 577	8 749,306	95 402,979	10,904	10,440
18	16	98 884	55 604,086	1 448 199,647	26,045	25,581	68	66	72 672	8 257,393	86 653,673	10,494	10,030
19	17	98 822	53 819,625	1 392 595,560	25,875	25,412	69	67	70 671	7 777,234	78 396,280	10,080	9,617
20	18	98 757	52 091,711	1 338 775,935	25,700	25,237	70	68	68 559	7 307,333	70 619,046	9,664	9,201
21	19	98 682	50 413,366	1 286 684,224	25,523	25,059	71	69	66 347	6 849,022	63 311,713	9,244	8,780
22	20	98 608	48 790,039	1 236 270,858	25,339	24,875	72	70	64 006	6 399,376	56 462,692	8,823	8,360
23	21	98 534	47 218,681	1 187 480,820	25,149	24,685	73	71	61 548	5 959,950	50 063,316	8,400	7,936
24	22	98 462	45 698,904	1 140 262,139	24,952	24,488	74	72	58 942	5 527,933	44 103,366	7,978	7,515
25	23	98 385	44 225,750	1 094 563,235	24,749	24,286	75	73	56 122	5 097,716	38 575,434	7,567	7,104
26	24	98 308	42 800,338	1 050 337,486	24,540	24,077	76	74	53 142	4 675,138	33 477,716	7,161	6,697
27	25	98 231	41 420,652	1 007 537,148	24,325	23,861	77	75	49 983	4 258,787	28 802,577	6,763	6,299
28	26	98 147	40 082,642	966 116,496	24,103	23,639	78	76	46 624	3 847,548	24 543,790	6,379	5,915
29	27	98 065	38 788,451	926 033,854	23,874	23,410	79	77	43 080	3 443,158	20 696,242	6,011	5,547
30	28	97 974	37 532,717	887 245,403	23,639	23,176	80	78	39 420	3 051,501	17 253,084	5,654	5,190
31	29	97 887	36 318,852	849 712,686	23,396	22,932	81	79	35 674	2 674,578	14 201,583	5,310	4,846
32	30	97 789	35 140,452	813 393,833	23,147	22,683	82	80	31 874	2 314,478	11 527,004	4,980	4,517
33	31	97 689	33 999,692	778 253,381	22,890	22,426	83	81	28 089	1 975,457	9 212,526	4,663	4,200
34	32	97 585	32 894,410	744 253,690	22,626	22,162	84	82	24 401	1 662,041	7 237,069	4,354	3,891
35	33	97 473	31 822,438	711 359,280	22,354	21,890	85	83	20 792	1 371,613	5 575,028	4,065	3,601
36	34	97 356	30 783,614	679 536,842	22,075	21,611	86	84	17 371	1 109,866	4 203,415	3,787	3,324
37	35	97 229	29 775,723	648 753,227	21,788	21,324	87	85	14 166	876,623	3 093,549	3,529	3,065
38	36	97 098	28 799,649	618 977,504	21,493	21,029	88	86	11 236	673,442	2 216,926	3,292	2,828
39	37	96 945	27 849,222	590 177,856	21,192	20,728	89	87	8 668	503,169	1 543,484	3,068	2,604
40	38	96 782	26 927,270	562 328,633	20,883	20,420	90	88	6 437	361,869	1 040,315	2,875	2,411
41	39	96 604	26 031,723	535 401,364	20,567	20,104	91	89	4 655	253,480	678,446	2,677	2,213
42	40	96 408	25 161,138	509 369,641	20,244	19,781	92	90	3 198	168,645	424,966	2,520	2,056
43	41	96 193	24 314,686	484 208,503	19,914	19,451	93	91	2 118	108,185	256,321	2,369	1,906
44	42	95 944	23 488,499	459 893,817	19,580	19,116	94	92	1 333	65,943	148,137	2,246	1,783
45	43	95 668	22 683,685	436 405,318	19,239	18,775	95	93	807	38,653	82,194	2,126	1,663
46	44	95 358	21 898,563	413 721,633	18,893	18,429	96	94	465	21,577	43,541	2,018	1,554
47	45	95 016	21 133,038	391 823,070	18,541	18,077	97	95	255	11,441	21,964	1,920	1,456
48	46	94 621	20 382,846	370 690,032	18,186	17,723	98	96	132	5,747	10,522	1,831	1,367
49	47	94 185	19 650,211	350 307,186	17,827	17,364	99	97	65	2,728	4,775	1,750	1,287
							100	98	30	1,220	2,047	1,678	1,214

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	47	93 847	18 963,475	333 341,607	17,578	17,114
1							51	48	93 319	18 263,170	314 378,133	17,214	16,750
2							52	49	92 713	17 573,484	296 114,963	16,850	16,386
3	0	99 562	90 452,939	2 541 624,307	28,099	27,635	53	50	92 059	16 900,273	278 541,479	16,481	16,018
4	1	99 234	87 317,414	2 451 171,368	28,072	27,608	54	51	91 349	16 242,094	261 641,207	16,109	15,645
5	2	99 195	84 535,374	2 363 853,954	27,963	27,499	55	52	90 561	15 595,170	245 399,113	15,736	15,272
6	3	99 169	81 853,415	2 279 318,580	27,846	27,383	56	53	89 702	14 960,897	229 803,943	15,360	14,897
7	4	99 148	79 259,682	2 197 465,165	27,725	27,261	57	54	88 780	14 341,106	214 843,046	14,981	14,517
8	5	99 128	76 749,353	2 118 205,483	27,599	27,135	58	55	87 785	13 733,977	200 501,940	14,599	14,135
9	6	99 109	74 319,809	2 041 456,130	27,469	27,005	59	56	86 705	13 137,979	186 767,963	14,216	13,752
10	7	99 093	71 968,524	1 967 136,321	27,333	26,870	60	57	85 553	12 555,464	173 629,983	13,829	13,365
11	8	99 076	69 690,959	1 895 167,797	27,194	26,730	61	58	84 326	11 985,794	161 074,519	13,439	12,975
12	9	99 060	67 486,534	1 825 476,838	27,049	26,586	62	59	83 016	11 428,258	149 088,725	13,046	12,582
13	10	99 042	65 350,479	1 757 990,303	26,901	26,437	63	60	81 634	10 884,196	137 660,467	12,648	12,184
14	11	99 024	63 281,931	1 692 639,825	26,748	26,284	64	61	80 167	10 352,218	126 776,271	12,246	11,783
15	12	99 001	61 275,907	1 629 357,893	26,591	26,127	65	62	78 583	9 828,224	116 424,053	11,846	11,382
16	13	98 976	59 331,783	1 568 081,987	26,429	25,965	66	63	76 911	9 316,380	106 595,829	11,442	10,978
17	14	98 941	57 444,127	1 508 750,204	26,265	25,801	67	64	75 130	8 814,085	97 279,449	11,037	10,573
18	15	98 897	55 611,082	1 451 306,077	26,097	25,634	68	65	73 244	8 322,390	88 465,364	10,630	10,166
19	16	98 837	53 827,908	1 395 694,995	25,929	25,465	69	66	71 280	7 844,336	80 142,974	10,217	9,753
20	17	98 773	52 100,072	1 341 867,087	25,756	25,292	70	67	69 191	7 374,681	72 298,638	9,804	9,340
21	18	98 704	50 424,883	1 289 767,015	25,578	25,114	71	68	66 998	6 916,182	64 923,957	9,387	8,924
22	19	98 628	48 800,118	1 239 342,132	25,396	24,933	72	69	64 693	6 468,076	58 007,775	8,968	8,505
23	20	98 556	47 229,165	1 190 542,014	25,208	24,744	73	70	62 271	6 029,925	51 539,699	8,547	8,084
24	21	98 482	45 708,470	1 143 312,849	25,013	24,550	74	71	59 711	5 600,046	45 509,774	8,127	7,663
25	22	98 407	44 235,673	1 097 604,379	24,813	24,349	75	72	56 946	5 172,606	39 909,728	7,716	7,252
26	23	98 330	42 810,123	1 053 368,706	24,606	24,142	76	73	54 021	4 752,418	34 737,123	7,309	6,846
27	24	98 251	41 429,026	1 010 558,583	24,393	23,929	77	74	50 930	4 339,535	29 984,704	6,910	6,446
28	25	98 169	40 091,462	969 129,557	24,173	23,709	78	75	47 646	3 931,919	25 645,169	6,522	6,059
29	26	98 088	38 797,633	929 038,095	23,946	23,482	79	76	44 161	3 529,608	21 713,250	6,152	5,688
30	27	98 001	37 542,803	890 240,462	23,713	23,249	80	77	40 544	3 138,513	18 183,642	5,794	5,330
31	28	97 912	36 328,039	852 697,659	23,472	23,009	81	78	36 856	2 763,189	15 045,129	5,445	4,981
32	29	97 817	35 150,537	816 369,620	23,225	22,761	82	79	33 075	2 401,673	12 281,940	5,114	4,650
33	30	97 717	34 009,317	781 219,083	22,971	22,507	83	80	29 314	2 061,559	9 880,268	4,793	4,329
34	31	97 615	32 904,347	747 209,765	22,709	22,245	84	81	25 620	1 745,091	7 818,708	4,480	4,017
35	32	97 508	31 833,722	714 305,418	22,439	21,975	85	82	22 005	1 451,664	6 073,617	4,184	3,720
36	33	97 391	30 794,874	682 471,696	22,162	21,698	86	83	18 533	1 184,124	4 621,953	3,903	3,440
37	34	97 270	29 788,377	651 676,822	21,877	21,413	87	84	15 270	944,958	3 437,829	3,638	3,174
38	35	97 136	28 811,109	621 888,445	21,585	21,121	88	85	12 250	734,201	2 492,871	3,395	2,932
39	36	96 991	27 862,463	593 077,336	21,286	20,822	89	86	9 570	555,510	1 758,670	3,166	2,702
40	37	96 834	26 941,648	565 214,874	20,979	20,516	90	87	7 218	405,816	1 203,160	2,965	2,501
41	38	96 658	26 046,223	538 273,226	20,666	20,202	91	88	5 304	288,796	797,344	2,761	2,297
42	39	96 472	25 177,794	512 227,002	20,344	19,881	92	89	3 725	196,445	508,548	2,589	2,125
43	40	96 260	24 331,870	487 049,208	20,017	19,553	93	90	2 506	127,998	312,103	2,438	1,975
44	41	96 021	23 507,340	462 717,338	19,684	19,220	94	91	1 621	80,192	184,105	2,296	1,832
45	42	95 753	22 703,894	439 209,998	19,345	18,882	95	92	995	47,674	103,913	2,180	1,716
46	43	95 456	21 921,009	416 506,105	19,000	18,537	96	93	587	27,219	56,239	2,066	1,603
47	44	95 122	21 156,800	394 585,096	18,651	18,187	97	94	329	14,780	29,021	1,964	1,500
48	45	94 741	20 408,749	373 428,296	18,297	17,834	98	95	175	7,613	14,241	1,871	1,407
49	46	94 318	19 677,939	353 019,547	17,940	17,476	99	96	88	3,710	6,628	1,786	1,323
							100	97	42	1,706	2,918	1,710	1,247

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	46	93 980	18 990,234	335 817,483	17,684	17,220
1							51	47	93 472	18 293,081	316 827,249	17,320	16,856
2							52	48	92 877	17 604,616	298 534,168	16,958	16,494
3							53	49	92 249	16 935,119	280 929,552	16,589	16,125
4	0	99 548	87 593,569	2 454 411,644	28,020	27,557	54	50	91 551	16 277,954	263 994,433	16,218	15,754
5	1	99 221	84 557,694	2 366 818,074	27,991	27,527	55	51	90 784	15 633,422	247 716,479	15,845	15,382
6	2	99 184	81 865,608	2 282 260,380	27,878	27,415	56	52	89 949	15 002,084	232 083,057	15,470	15,006
7	3	99 159	79 268,539	2 200 394,772	27,759	27,295	57	53	89 048	14 384,353	217 080,973	15,091	14,628
8	4	99 140	76 758,501	2 121 126,232	27,634	27,170	58	54	88 066	13 777,946	202 696,621	14,712	14,248
9	5	99 119	74 327,322	2 044 367,732	27,505	27,041	59	55	87 013	13 184,695	188 918,675	14,329	13,865
10	6	99 102	71 974,792	1 970 040,410	27,371	26,908	60	56	85 877	12 603,005	175 733,980	13,944	13,480
11	7	99 084	69 696,941	1 898 065,618	27,233	26,770	61	57	84 664	12 033,888	163 130,974	13,556	13,092
12	8	99 067	67 491,505	1 828 368,677	27,090	26,627	62	58	83 384	11 478,907	151 097,086	13,163	12,699
13	9	99 049	65 354,987	1 760 877,172	26,943	26,480	63	59	82 021	10 935,835	139 618,179	12,767	12,303
14	10	99 031	63 286,423	1 695 522,185	26,791	26,328	64	60	80 602	10 408,312	128 682,344	12,363	11,900
15	11	99 009	61 280,807	1 632 235,762	26,635	26,172	65	61	79 037	9 885,030	118 274,032	11,965	11,501
16	12	98 984	59 336,560	1 570 954,955	26,475	26,012	66	62	77 400	9 375,517	108 389,002	11,561	11,097
17	13	98 950	57 449,273	1 511 618,396	26,312	25,849	67	63	75 639	8 873,876	99 013,485	11,158	10,694
18	14	98 908	55 617,110	1 454 169,122	26,146	25,682	68	64	73 786	8 384,008	90 139,609	10,751	10,288
19	15	98 849	53 834,679	1 398 552,012	25,979	25,515	69	65	71 842	7 906,082	81 755,601	10,341	9,877
20	16	98 788	52 108,090	1 344 717,333	25,806	25,343	70	66	69 788	7 438,310	73 849,520	9,928	9,465
21	17	98 720	50 432,976	1 292 609,243	25,630	25,167	71	67	67 615	6 979,925	66 411,210	9,515	9,051
22	18	98 651	48 811,267	1 242 176,267	25,449	24,985	72	68	65 328	6 531,501	59 431,285	9,099	8,636
23	19	98 576	47 238,922	1 193 364,999	25,262	24,799	73	69	62 940	6 094,660	52 899,784	8,680	8,216
24	20	98 504	45 718,619	1 146 126,078	25,069	24,606	74	70	60 412	5 665,796	46 805,124	8,261	7,797
25	21	98 427	44 244,933	1 100 407,459	24,871	24,407	75	71	57 689	5 240,083	41 139,328	7,851	7,387
26	22	98 353	42 819,729	1 056 162,526	24,665	24,202	76	72	54 814	4 822,233	35 899,245	7,445	6,981
27	23	98 273	41 438,498	1 013 342,796	24,454	23,991	77	73	51 772	4 411,267	31 077,012	7,045	6,581
28	24	98 189	40 099,567	971 904,298	24,237	23,774	78	74	48 550	4 006,470	26 665,744	6,656	6,192
29	25	98 110	38 806,170	931 804,731	24,012	23,548	79	75	45 130	3 607,007	22 659,275	6,282	5,818
30	26	98 024	37 551,690	892 998,562	23,781	23,317	80	76	41 562	3 217,314	19 052,268	5,922	5,458
31	27	97 938	36 337,801	855 446,872	23,542	23,078	81	77	37 907	2 841,979	15 834,954	5,572	5,108
32	28	97 842	35 159,428	819 109,071	23,297	22,833	82	78	34 171	2 481,242	12 992,975	5,236	4,773
33	29	97 745	34 019,078	783 949,642	23,044	22,581	83	79	30 418	2 139,226	10 511,733	4,914	4,450
34	30	97 642	32 913,663	749 930,564	22,785	22,321	84	80	26 737	1 821,152	8 372,507	4,597	4,134
35	31	97 537	31 843,340	717 016,901	22,517	22,053	85	81	23 105	1 524,201	6 551,355	4,298	3,835
36	32	97 426	30 805,794	685 173,561	22,242	21,778	86	82	19 614	1 253,233	5 027,153	4,011	3,548
37	33	97 306	29 799,232	654 367,767	21,959	21,496	87	83	16 292	1 008,183	3 773,920	3,743	3,280
38	34	97 178	28 823,352	624 568,495	21,669	21,205	88	84	13 205	791,434	2 765,737	3,495	3,031
39	35	97 030	27 873,550	595 745,143	21,373	20,910	89	85	10 433	605,629	1 974,304	3,260	2,796
40	36	96 880	26 954,457	567 871,593	21,068	20,604	90	86	7 969	448,030	1 368,675	3,055	2,591
41	37	96 709	26 060,131	540 917,136	20,757	20,293	91	87	5 948	323,868	920,644	2,843	2,379
42	38	96 525	25 191,819	514 857,005	20,437	19,974	92	88	4 244	223,815	596,776	2,666	2,203
43	39	96 324	24 347,978	489 665,187	20,111	19,647	93	89	2 919	149,098	372,962	2,501	2,038
44	40	96 089	23 523,953	465 317,209	19,781	19,317	94	90	1 918	94,879	223,863	2,359	1,896
45	41	95 830	22 722,105	441 793,256	19,443	18,980	95	91	1 210	57,975	128,985	2,225	1,761
46	42	95 541	21 940,538	419 071,151	19,100	18,637	96	92	723	33,571	71,009	2,115	1,652
47	43	95 220	21 178,486	397 130,613	18,752	18,288	97	93	415	18,644	37,438	2,008	1,544
48	44	94 848	20 431,697	375 952,127	18,400	17,937	98	94	226	9,834	18,794	1,911	1,447
49	45	94 437	19 702,947	355 520,430	18,044	17,580	99	95	117	4,914	8,960	1,823	1,360
							100	96	57	2,320	4,046	1,744	1,280

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	45	94 099	19 014,368	338 097,239	17,781	17,318
1							51	46	93 604	18 318,894	319 082,871	17,418	16,955
2							52	47	93 029	17 633,449	300 763,976	17,056	16,593
3							53	48	92 412	16 965,121	283 130,527	16,689	16,225
4							54	49	91 740	16 311,517	266 165,407	16,318	15,854
5	0	99 535	84 825,121	2 369 813,425	27,938	27,474	55	50	90 984	15 667,938	249 853,889	15,947	15,483
6	1	99 210	81 887,224	2 284 988,304	27,904	27,440	56	51	90 169	15 038,881	234 185,951	15,572	15,108
7	2	99 174	79 280,348	2 203 101,080	27,789	27,325	57	52	89 293	14 423,952	219 147,070	15,193	14,730
8	3	99 151	76 767,078	2 123 820,733	27,666	27,202	58	53	88 332	13 819,495	204 723,119	14,814	14,350
9	4	99 131	74 336,181	2 047 053,654	27,538	27,074	59	54	87 291	13 226,905	190 903,624	14,433	13,969
10	5	99 112	71 982,067	1 972 717,473	27,406	26,942	60	55	86 183	12 647,819	177 676,719	14,048	13,584
11	6	99 093	69 703,012	1 900 735,406	27,269	26,805	61	56	84 985	12 079,454	165 028,900	13,662	13,198
12	7	99 076	67 497,298	1 831 032,394	27,127	26,664	62	57	83 719	11 524,967	152 949,446	13,271	12,808
13	8	99 056	65 359,801	1 763 535,096	26,982	26,518	63	58	82 385	10 984,301	141 424,479	12,875	12,412
14	9	99 038	63 290,789	1 698 175,296	26,831	26,368	64	59	80 984	10 457,694	130 440,177	12,473	12,010
15	10	99 016	61 285,156	1 634 884,507	26,677	26,213	65	60	79 466	9 938,593	119 982,484	12,072	11,609
16	11	98 992	59 341,305	1 573 599,350	26,518	26,054	66	61	77 847	9 429,707	110 043,891	11,670	11,206
17	12	98 958	57 453,898	1 514 258,045	26,356	25,892	67	62	76 119	8 930,204	100 614,184	11,267	10,803
18	13	98 916	55 622,092	1 456 804,147	26,191	25,727	68	63	74 287	8 440,881	91 683,980	10,862	10,398
19	14	98 860	53 840,515	1 401 182,055	26,025	25,561	69	64	72 373	7 964,617	83 243,099	10,452	9,988
20	15	98 801	52 114,645	1 347 341,540	25,853	25,390	70	65	70 337	7 496,859	75 278,482	10,041	9,578
21	16	98 735	50 440,738	1 295 226,894	25,678	25,215	71	66	68 199	7 040,148	67 781,622	9,628	9,164
22	17	98 667	48 819,101	1 244 786,156	25,498	25,034	72	67	65 930	6 591,699	60 741,474	9,215	8,751
23	18	98 599	47 249,714	1 195 967,055	25,312	24,848	73	68	63 557	6 154,423	54 149,776	8,799	8,335
24	19	98 525	45 728,064	1 148 717,341	25,121	24,657	74	69	61 061	5 726,621	47 995,352	8,381	7,917
25	20	98 449	44 254,757	1 102 989,277	24,924	24,460	75	70	58 366	5 301,607	42 268,731	7,973	7,509
26	21	98 373	42 828,693	1 058 734,520	24,720	24,257	76	71	55 529	4 885,140	36 967,124	7,567	7,104
27	22	98 295	41 447,796	1 015 905,828	24,510	24,047	77	72	52 533	4 476,071	32 081,984	7,167	6,704
28	23	98 211	40 108,735	974 458,031	24,295	23,832	78	73	49 352	4 072,697	27 605,914	6,778	6,315
29	24	98 130	38 814,015	934 349,296	24,072	23,609	79	74	45 985	3 675,397	23 533,217	6,403	5,939
30	25	98 045	37 559,952	895 535,281	23,843	23,379	80	75	42 474	3 287,864	19 857,820	6,040	5,576
31	26	97 961	36 346,403	857 975,328	23,606	23,142	81	76	38 858	2 913,335	16 569,955	5,688	5,224
32	27	97 868	35 168,876	821 628,925	23,362	22,899	82	77	35 145	2 551,993	13 656,620	5,351	4,888
33	28	97 770	34 027,683	786 460,049	23,112	22,649	83	78	31 426	2 210,100	11 104,628	5,024	4,561
34	29	97 670	32 923,109	752 432,366	22,854	22,391	84	79	27 744	1 889,762	8 894,528	4,707	4,243
35	30	97 565	31 852,355	719 509,257	22,589	22,125	85	80	24 112	1 590,635	7 004,766	4,404	3,940
36	31	97 455	30 815,101	687 656,902	22,316	21,852	86	81	20 595	1 315,855	5 414,131	4,115	3,651
37	32	97 340	29 809,839	656 841,801	22,034	21,571	87	82	17 243	1 067,023	4 098,276	3,841	3,377
38	33	97 213	28 833,895	627 031,962	21,746	21,283	88	83	14 089	844,387	3 031,253	3,590	3,126
39	34	97 071	27 885,395	598 198,067	21,452	20,988	89	84	11 247	652,839	2 186,866	3,350	2,886
40	35	96 918	26 965,183	570 312,673	21,150	20,686	90	85	8 688	488,452	1 534,027	3,141	2,677
41	36	96 755	26 072,521	543 347,490	20,840	20,376	91	86	6 567	357,558	1 045,575	2,924	2,461
42	37	96 577	25 205,270	517 274,969	20,522	20,059	92	87	4 759	250,995	688,016	2,741	2,278
43	38	96 378	24 361,540	492 069,699	20,199	19,735	93	88	3 326	169,871	437,021	2,573	2,109
44	39	96 152	23 539,526	467 708,158	19,869	19,405	94	89	2 234	110,519	267,150	2,417	1,954
45	40	95 898	22 738,163	444 168,633	19,534	19,070	95	90	1 432	68,593	156,631	2,283	1,820
46	41	95 618	21 958,137	421 430,469	19,192	18,729	96	91	880	40,825	88,038	2,156	1,693
47	42	95 305	21 197,353	399 472,332	18,845	18,382	97	92	512	22,995	47,212	2,053	1,590
48	43	94 945	20 452,639	378 274,979	18,495	18,032	98	93	285	12,405	24,217	1,952	1,489
49	44	94 544	19 725,101	357 822,340	18,140	17,677	99	94	151	6,348	11,812	1,861	1,397
							100	95	75	3,073	5,464	1,778	1,314

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	44	94 205	19 035,748	340 193,174	17,871	17,408
1							51	45	93 723	18 342,175	321 157,426	17,509	17,046
2							52	46	93 161	17 658,331	302 815,251	17,149	16,685
3							53	47	92 564	16 992,906	285 156,920	16,781	16,317
4							54	48	91 902	16 340,414	268 164,014	16,411	15,947
5							55	49	91 172	15 700,244	251 823,599	16,039	15,576
6	0	99 524	82 146,205	2 287 755,382	27,850	27,386	56	50	90 368	15 072,084	236 123,355	15,666	15,203
7	1	99 200	79 301,280	2 205 609,177	27,813	27,349	57	51	89 512	14 459,331	221 051,271	15,288	14,824
8	2	99 165	76 778,514	2 126 307,897	27,694	27,230	58	52	88 575	13 857,539	206 591,940	14,908	14,445
9	3	99 142	74 344,488	2 049 529,383	27,568	27,104	59	53	87 555	13 266,792	192 734,401	14,528	14,064
10	4	99 124	71 990,647	1 975 184,895	27,437	26,973	60	54	86 458	12 688,310	179 467,609	14,144	13,681
11	5	99 103	69 710,058	1 903 194,248	27,302	26,838	61	55	85 287	12 122,406	166 779,299	13,758	13,294
12	6	99 084	67 503,177	1 833 484,190	27,161	26,698	62	56	84 036	11 568,606	154 656,893	13,369	12,905
13	7	99 065	65 365,411	1 765 981,014	27,017	26,553	63	57	82 715	11 028,377	143 088,287	12,975	12,511
14	8	99 045	63 295,450	1 700 615,603	26,868	26,404	64	58	81 343	10 504,041	132 059,910	12,572	12,109
15	9	99 023	61 289,384	1 637 320,153	26,715	26,251	65	59	79 843	9 985,746	121 555,869	12,173	11,709
16	10	98 999	59 345,517	1 576 030,768	26,557	26,093	66	60	78 269	9 480,802	111 570,123	11,768	11,304
17	11	98 966	57 458,493	1 516 685,252	26,396	25,933	67	61	76 559	8 981,820	102 089,321	11,366	10,903
18	12	98 924	55 626,570	1 459 226,758	26,233	25,769	68	62	74 758	8 494,461	93 107,501	10,961	10,497
19	13	98 869	53 845,338	1 403 600,188	26,067	25,604	69	63	72 864	8 018,645	84 613,040	10,552	10,088
20	14	98 812	52 120,294	1 349 754,850	25,897	25,433	70	64	70 858	7 552,365	76 594,395	10,142	9,678
21	15	98 748	50 447,084	1 297 634,555	25,723	25,259	71	65	68 736	7 095,564	69 042,030	9,730	9,267
22	16	98 682	48 826,614	1 247 187,472	25,543	25,080	72	66	66 499	6 648,572	61 946,466	9,317	8,854
23	17	98 614	47 257,298	1 198 360,857	25,358	24,895	73	67	64 143	6 211,145	55 297,894	8,903	8,439
24	18	98 547	45 738,511	1 151 103,560	25,167	24,703	74	68	61 660	5 782,775	49 086,749	8,488	8,025
25	19	98 469	44 263,899	1 105 365,049	24,972	24,509	75	69	58 993	5 358,522	43 303,973	8,081	7,618
26	20	98 395	42 838,202	1 061 101,150	24,770	24,306	76	70	56 181	4 942,497	37 945,451	7,677	7,214
27	21	98 316	41 456,473	1 018 262,947	24,562	24,099	77	71	53 218	4 534,462	33 002,954	7,278	6,815
28	22	98 233	40 117,735	976 806,475	24,348	23,885	78	72	50 077	4 132,526	28 468,492	6,889	6,425
29	23	98 152	38 822,889	936 688,740	24,127	23,664	79	73	46 745	3 736,151	24 335,966	6,514	6,050
30	24	98 065	37 567,546	897 865,850	23,900	23,436	80	74	43 279	3 350,203	20 599,815	6,149	5,685
31	25	97 983	36 354,400	860 298,304	23,664	23,201	81	75	39 711	2 977,220	17 249,611	5,794	5,330
32	26	97 891	35 177,202	823 943,904	23,423	22,959	82	76	36 027	2 616,068	14 272,391	5,456	4,992
33	27	97 796	34 036,827	788 766,702	23,174	22,710	83	77	32 322	2 273,119	11 656,324	5,128	4,664
34	28	97 695	32 931,437	754 729,876	22,918	22,455	84	78	28 663	1 952,371	9 383,205	4,806	4,342
35	29	97 593	31 861,497	721 798,439	22,654	22,191	85	79	25 020	1 650,560	7 430,834	4,502	4,038
36	30	97 483	30 823,825	689 936,942	22,383	21,920	86	80	21 492	1 373,208	5 780,273	4,209	3,746
37	31	97 370	29 818,845	659 113,117	22,104	21,640	87	81	18 104	1 120,341	4 407,066	3,934	3,470
38	32	97 248	28 844,119	629 294,272	21,817	21,353	88	82	14 911	893,667	3 286,725	3,678	3,214
39	33	97 106	27 895,594	600 450,153	21,525	21,061	89	83	11 999	696,519	2 393,058	3,436	2,972
40	34	96 959	26 976,642	572 554,558	21,224	20,760	90	84	9 365	526,528	1 696,539	3,222	2,758
41	35	96 794	26 082,896	545 577,917	20,917	20,453	91	85	7 159	389,817	1 170,010	3,001	2,538
42	36	96 623	25 217,254	519 495,021	20,601	20,137	92	86	5 254	277,105	780,193	2,816	2,352
43	37	96 429	24 374,548	494 277,767	20,278	19,815	93	87	3 730	190,501	503,088	2,641	2,177
44	38	96 206	23 552,638	469 903,219	19,951	19,488	94	88	2 545	125,917	312,587	2,482	2,019
45	39	95 961	22 753,216	446 350,581	19,617	19,153	95	89	1 668	79,901	186,670	2,336	1,873
46	40	95 685	21 973,655	423 597,365	19,278	18,814	96	90	1 041	48,302	106,769	2,210	1,747
47	41	95 381	21 214,356	401 623,710	18,932	18,468	97	91	622	27,964	58,467	2,091	1,627
48	42	95 030	20 470,860	380 409,353	18,583	18,119	98	92	352	15,301	30,503	1,994	1,530
49	43	94 641	19 745,319	359 938,493	18,229	17,765	99	93	190	8,008	15,203	1,898	1,435
							100	94	97	3,970	7,195	1,812	1,349

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	43	94 301	19 055,259	342 118,126	17,954	17,490
1							51	44	93 828	18 362,799	323 062,866	17,593	17,130
2							52	45	93 279	17 680,772	304 700,067	17,233	16,770
3							53	46	92 694	17 016,885	287 019,295	16,867	16,403
4							54	47	92 053	16 367,177	270 002,410	16,497	16,033
5							55	48	91 333	15 728,058	253 635,233	16,126	15,663
6							56	49	90 555	15 103,161	237 907,176	15,752	15,289
7	0	99 513	79 552,083	2 208 164,136	27,757	27,294	57	50	89 710	14 491,255	222 804,014	15,375	14,911
8	1	99 192	76 798,786	2 128 612,053	27,717	27,253	58	51	88 792	13 891,529	208 312,759	14,996	14,532
9	2	99 157	74 355,563	2 051 813,267	27,595	27,131	59	52	87 796	13 303,315	194 421,230	14,614	14,151
10	3	99 135	71 998,692	1 977 457,704	27,465	27,002	60	53	86 719	12 726,573	181 117,916	14,231	13,768
11	4	99 115	69 718,367	1 905 459,013	27,331	26,867	61	54	85 560	12 161,215	168 391,343	13,847	13,383
12	5	99 094	67 510,000	1 835 740,646	27,192	26,729	62	55	84 335	11 609,741	156 230,128	13,457	12,993
13	6	99 073	65 371,104	1 768 230,646	27,049	26,585	63	56	83 028	11 070,136	144 620,386	13,064	12,600
14	7	99 054	63 300,883	1 702 859,542	26,901	26,437	64	57	81 669	10 546,189	133 550,250	12,663	12,200
15	8	99 030	61 293,898	1 639 558,659	26,749	26,286	65	58	80 196	10 030,001	123 004,061	12,264	11,800
16	9	99 005	59 349,611	1 578 264,760	26,593	26,129	66	59	78 640	9 525,783	112 974,060	11,860	11,396
17	10	98 973	57 462,571	1 518 915,150	26,433	25,969	67	60	76 974	9 030,489	103 448,277	11,455	10,992
18	11	98 932	55 631,019	1 461 452,578	26,270	25,807	68	61	75 190	8 543,559	94 417,788	11,051	10,588
19	12	98 877	53 849,673	1 405 821,559	26,106	25,643	69	62	73 327	8 069,545	85 874,230	10,642	10,178
20	13	98 820	52 124,964	1 351 971,886	25,937	25,474	70	63	71 338	7 603,597	77 804,684	10,233	9,769
21	14	98 758	50 452,552	1 299 846,922	25,764	25,300	71	64	69 244	7 148,098	70 201,088	9,821	9,357
22	15	98 694	48 832,757	1 249 394,370	25,585	25,122	72	65	67 022	6 700,906	63 052,990	9,410	8,946
23	16	98 630	47 264,570	1 200 561,613	25,401	24,937	73	66	64 696	6 264,735	56 352,084	8,995	8,532
24	17	98 563	45 745,852	1 153 297,043	25,211	24,747	74	67	62 228	5 836,072	50 087,349	8,582	8,119
25	18	98 492	44 274,012	1 107 551,191	25,016	24,552	75	68	59 571	5 411,067	44 251,277	8,178	7,714
26	19	98 415	42 847,052	1 063 277,179	24,816	24,352	76	69	56 784	4 995,557	38 840,209	7,775	7,311
27	20	98 338	41 465,677	1 020 430,127	24,609	24,145	77	70	53 843	4 587,701	33 844,652	7,377	6,914
28	21	98 254	40 126,133	978 964,450	24,397	23,934	78	71	50 730	4 186,436	29 256,952	6,989	6,525
29	22	98 174	38 831,601	938 838,317	24,177	23,714	79	72	47 432	3 791,037	25 070,516	6,613	6,149
30	23	98 088	37 576,135	900 006,716	23,952	23,488	80	73	43 994	3 405,582	21 279,479	6,248	5,785
31	24	98 002	36 361,750	862 430,581	23,718	23,254	81	74	40 463	3 033,669	17 873,897	5,892	5,428
32	25	97 913	35 184,942	826 068,831	23,478	23,014	82	75	36 818	2 673,434	14 840,227	5,551	5,087
33	26	97 819	34 044,884	790 883,889	23,231	22,767	83	76	33 133	2 330,192	12 166,793	5,221	4,758
34	27	97 721	32 940,286	756 839,005	22,976	22,512	84	77	29 481	2 008,041	9 836,601	4,899	4,435
35	28	97 618	31 869,556	723 898,719	22,714	22,251	85	78	25 849	1 705,245	7 828,560	4,591	4,127
36	29	97 511	30 832,672	692 029,163	22,445	21,981	86	79	22 302	1 424,941	6 123,315	4,297	3,834
37	30	97 397	29 827,287	661 196,492	22,168	21,704	87	80	18 894	1 169,172	4 698,374	4,019	3,555
38	31	97 277	28 852,833	631 369,204	21,882	21,419	88	81	15 656	938,322	3 529,202	3,761	3,298
39	32	97 141	27 905,486	602 516,371	21,591	21,128	89	82	12 699	737,170	2 590,880	3,515	3,051
40	33	96 995	26 986,509	574 610,885	21,293	20,829	90	83	9 992	561,757	1 853,710	3,300	2,836
41	34	96 835	26 093,980	547 624,376	20,987	20,523	91	84	7 717	420,205	1 291,953	3,075	2,611
42	35	96 661	25 227,288	521 530,396	20,673	20,210	92	85	5 729	302,106	871,748	2,886	2,422
43	36	96 475	24 386,137	496 303,108	20,352	19,888	93	86	4 118	210,318	569,642	2,708	2,245
44	37	96 257	23 565,214	471 916,971	20,026	19,562	94	87	2 854	141,208	359,325	2,545	2,081
45	38	96 015	22 765,890	448 351,757	19,694	19,230	95	88	1 900	91,033	218,116	2,396	1,932
46	39	95 749	21 988,202	425 585,867	19,355	18,892	96	89	1 212	56,264	127,083	2,259	1,795
47	40	95 449	21 229,349	403 597,665	19,011	18,548	97	90	736	33,085	70,819	2,140	1,677
48	41	95 106	20 487,281	382 368,316	18,664	18,200	98	91	427	18,607	37,734	2,028	1,564
49	42	94 725	19 762,910	361 881,036	18,311	17,847	99	92	234	9,877	19,127	1,937	1,473
							100	93	123	5,008	9,250	1,847	1,383

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	42	94 385	19 072,235	343 883,758	18,031	17,567
1							51	43	93 924	18 381,621	324 811,523	17,670	17,207
2							52	44	93 384	17 700,653	306 429,902	17,312	16,848
3							53	45	92 812	17 038,511	288 729,249	16,946	16,482
4							54	46	92 183	16 390,272	271 690,738	16,576	16,113
5							55	47	91 483	15 753,817	255 300,466	16,206	15,742
6							56	48	90 715	15 129,918	239 546,649	15,833	15,369
7							57	49	89 895	14 521,134	224 416,731	15,454	14,991
8	0	99 505	77 041,674	2 130 970,437	27,660	27,196	58	50	88 988	13 922,199	209 895,597	15,076	14,613
9	1	99 183	74 375,195	2 053 928,763	27,616	27,152	59	51	88 011	13 335,945	195 973,398	14,695	14,232
10	2	99 149	72 009,417	1 979 553,568	27,490	27,027	60	52	86 958	12 761,608	182 637,453	14,311	13,848
11	3	99 126	69 726,157	1 907 544,151	27,358	26,894	61	53	85 818	12 197,889	169 875,844	13,927	13,463
12	4	99 106	67 518,047	1 837 817,994	27,220	26,756	62	54	84 605	11 646,909	157 677,956	13,538	13,075
13	5	99 083	65 377,712	1 770 299,947	27,078	26,614	63	55	83 324	11 109,499	146 031,047	13,145	12,681
14	6	99 062	63 306,397	1 704 922,235	26,931	26,468	64	56	81 979	10 586,122	134 921,548	12,745	12,282
15	7	99 039	61 299,160	1 641 615,838	26,780	26,317	65	57	80 518	10 070,248	124 335,426	12,347	11,883
16	8	99 013	59 353,982	1 580 316,679	26,625	26,162	66	58	78 989	9 568,000	114 265,178	11,942	11,479
17	9	98 980	57 466,536	1 520 962,697	26,467	26,003	67	59	77 339	9 073,333	104 697,178	11,539	11,075
18	10	98 939	55 634,967	1 463 496,161	26,305	25,842	68	60	75 598	8 589,852	95 623,845	11,132	10,669
19	11	98 885	53 853,980	1 407 861,194	26,142	25,679	69	61	73 751	8 116,187	87 033,992	10,724	10,260
20	12	98 828	52 129,160	1 354 007,214	25,974	25,510	70	62	71 791	7 651,862	78 917,806	10,314	9,850
21	13	98 767	50 457,072	1 301 878,054	25,802	25,338	71	63	69 714	7 196,587	71 265,944	9,903	9,439
22	14	98 705	48 838,050	1 251 420,982	25,624	25,160	72	64	67 518	6 750,518	64 069,356	9,491	9,027
23	15	98 642	47 270,516	1 202 582,932	25,440	24,977	73	65	65 205	6 314,047	57 318,839	9,078	8,614
24	16	98 578	45 752,892	1 155 312,415	25,251	24,788	74	66	62 765	5 886,426	51 004,791	8,665	8,201
25	17	98 508	44 281,118	1 109 559,523	25,057	24,594	75	67	60 120	5 460,938	45 118,365	8,262	7,798
26	18	98 438	42 856,841	1 065 278,405	24,857	24,393	76	68	57 341	5 044,543	39 657,427	7,861	7,398
27	19	98 358	41 474,244	1 022 421,564	24,652	24,188	77	69	54 421	4 636,952	34 612,884	7,465	7,001
28	20	98 276	40 135,043	980 947,321	24,441	23,978	78	70	51 326	4 235,589	29 975,932	7,077	6,614
29	21	98 195	38 839,729	940 812,278	24,223	23,759	79	71	48 051	3 840,492	25 740,343	6,702	6,239
30	22	98 110	37 584,567	901 972,549	23,998	23,535	80	72	44 641	3 455,612	21 899,852	6,337	5,874
31	23	98 025	36 370,064	864 387,982	23,766	23,303	81	73	41 132	3 083,816	18 444,240	5,981	5,517
32	24	97 932	35 192,055	828 017,919	23,529	23,065	82	74	37 516	2 724,123	15 360,424	5,639	5,175
33	25	97 841	34 052,375	792 825,863	23,283	22,819	83	75	33 860	2 381,290	12 636,301	5,306	4,843
34	26	97 744	32 948,084	758 773,489	23,029	22,566	84	76	30 221	2 058,459	10 255,011	4,982	4,518
35	27	97 644	31 878,120	725 825,405	22,769	22,305	85	77	26 586	1 753,868	8 196,553	4,673	4,210
36	28	97 536	30 840,470	693 947,285	22,501	22,038	86	78	23 041	1 472,151	6 442,684	4,376	3,913
37	29	97 425	29 835,848	663 106,815	22,225	21,762	87	79	19 605	1 213,219	4 970,534	4,097	3,633
38	30	97 305	28 861,002	633 270,967	21,942	21,478	88	80	16 338	979,220	3 757,315	3,837	3,373
39	31	97 170	27 913,917	604 409,965	21,653	21,189	89	81	13 334	774,005	2 778,095	3,589	3,126
40	32	97 029	26 996,078	576 496,048	21,355	20,891	90	82	10 575	594,543	2 004,090	3,371	2,907
41	33	96 871	26 103,524	549 499,970	21,051	20,587	91	83	8 233	448,320	1 409,547	3,144	2,680
42	34	96 702	25 238,009	523 396,446	20,738	20,275	92	84	6 175	325,656	961,227	2,952	2,488
43	35	96 514	24 395,841	498 158,437	20,420	19,956	93	85	4 489	229,293	635,572	2,772	2,308
44	36	96 303	23 576,418	473 762,597	20,095	19,631	94	86	3 151	155,898	406,279	2,606	2,142
45	37	96 066	22 778,046	450 186,179	19,764	19,300	95	87	2 131	102,088	250,381	2,453	1,989
46	38	95 802	22 000,450	427 408,133	19,427	18,964	96	88	1 381	64,103	148,293	2,313	1,850
47	39	95 512	21 243,403	405 407,683	19,084	18,620	97	89	858	38,539	84,190	2,185	1,721
48	40	95 173	20 501,759	384 164,280	18,738	18,274	98	90	506	22,015	45,650	2,074	1,610
49	41	94 801	19 778,763	363 662,521	18,387	17,923	99	91	285	12,011	23,636	1,968	1,504
							100	92	151	6,177	11,625	1,882	1,418

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	41	94 461	19 087,534	345 502,018	18,101	17,637
1							51	42	94 008	18 397,997	326 414,484	17,742	17,278
2							52	43	93 480	17 718,796	308 016,488	17,384	16,920
3							53	44	92 917	17 057,669	290 297,692	17,019	16,555
4							54	45	92 300	16 411,102	273 240,023	16,650	16,186
5							55	46	91 612	15 776,047	256 828,921	16,280	15,816
6							56	47	90 864	15 154,697	241 052,874	15,906	15,443
7							57	48	90 054	14 546,860	225 898,176	15,529	15,065
8							58	49	89 171	13 950,905	211 351,317	15,150	14,686
9	0	99 497	74 610,418	2 056 105,406	27,558	27,094	59	50	88 205	13 365,389	197 400,411	14,770	14,306
10	1	99 176	72 028,430	1 981 494,988	27,510	27,046	60	51	87 171	12 792,910	184 035,023	14,386	13,922
11	2	99 140	69 736,544	1 909 466,558	27,381	26,918	61	52	86 054	12 231,469	171 242,113	14,000	13,537
12	3	99 117	67 525,592	1 839 730,014	27,245	26,781	62	53	84 860	11 682,032	159 010,644	13,612	13,148
13	4	99 095	65 385,504	1 772 204,422	27,104	26,640	63	54	83 590	11 145,065	147 328,612	13,219	12,756
14	5	99 072	63 312,796	1 706 818,918	26,959	26,495	64	55	82 270	10 623,764	136 183,547	12,819	12,355
15	6	99 047	61 304,498	1 643 506,122	26,809	26,345	65	56	80 823	10 108,378	125 559,783	12,421	11,958
16	7	99 021	59 359,077	1 582 201,624	26,655	26,191	66	57	79 306	9 606,393	115 451,405	12,018	11,555
17	8	98 987	57 470,768	1 522 842,547	26,498	26,034	67	58	77 682	9 113,545	105 845,012	11,614	11,150
18	9	98 946	55 638,806	1 465 371,779	26,337	25,874	68	59	75 957	8 630,606	96 731,467	11,208	10,744
19	10	98 892	53 857,802	1 409 732,973	26,175	25,711	69	60	74 150	8 160,165	88 100,861	10,796	10,333
20	11	98 836	52 133,329	1 355 875,171	26,008	25,544	70	61	72 206	7 696,089	79 940,696	10,387	9,924
21	12	98 775	50 461,134	1 303 741,842	25,837	25,373	71	62	70 157	7 242,269	72 244,607	9,975	9,512
22	13	98 714	48 842,425	1 253 280,708	25,660	25,196	72	63	67 976	6 796,310	65 002,338	9,564	9,101
23	14	98 653	47 275,641	1 204 438,283	25,477	25,013	73	64	65 688	6 360,795	58 206,028	9,151	8,687
24	15	98 590	45 758,648	1 157 162,642	25,288	24,825	74	65	63 259	5 932,760	51 845,232	8,739	8,275
25	16	98 523	44 287,933	1 111 403,994	25,095	24,631	75	66	60 639	5 508,056	45 912,472	8,336	7,872
26	17	98 454	42 863,719	1 067 116,062	24,896	24,432	76	67	57 870	5 091,035	40 404,416	7,936	7,473
27	18	98 381	41 483,719	1 024 252,342	24,690	24,227	77	68	54 955	4 682,421	35 313,381	7,542	7,078
28	19	98 296	40 143,334	982 768,623	24,481	24,018	78	69	51 877	4 281,060	30 630,959	7,155	6,691
29	20	98 216	38 848,353	942 625,290	24,264	23,801	79	70	48 615	3 885,583	26 349,899	6,781	6,318
30	21	98 130	37 592,435	903 776,936	24,041	23,578	80	71	45 223	3 500,691	22 464,316	6,417	5,953
31	22	98 047	36 378,224	866 184,502	23,811	23,347	81	72	41 737	3 129,118	18 963,626	6,060	5,597
32	23	97 955	35 200,101	829 806,278	23,574	23,110	82	73	38 136	2 769,153	15 834,508	5,718	5,255
33	24	97 860	34 059,259	794 606,176	23,330	22,866	83	74	34 502	2 426,440	13 065,355	5,385	4,921
34	25	97 766	32 955,333	760 546,917	23,078	22,614	84	75	30 884	2 103,598	10 638,915	5,057	4,594
35	26	97 667	31 885,666	727 591,583	22,819	22,355	85	76	27 253	1 797,904	8 535,317	4,747	4,284
36	27	97 562	30 848,758	695 705,917	22,552	22,089	86	77	23 698	1 514,128	6 737,413	4,450	3,986
37	28	97 450	29 843,394	664 857,160	22,278	21,815	87	78	20 255	1 253,414	5 223,285	4,167	3,704
38	29	97 333	28 869,285	635 013,766	21,996	21,533	88	79	16 954	1 016,111	3 969,872	3,907	3,443
39	30	97 198	27 921,820	606 144,480	21,709	21,245	89	80	13 915	807,741	2 953,761	3,657	3,193
40	31	97 059	27 004,234	578 222,661	21,412	20,949	90	81	11 104	624,251	2 146,020	3,438	2,974
41	32	96 905	26 112,781	551 218,427	21,109	20,646	91	82	8 714	474,485	1 521,769	3,207	2,744
42	33	96 738	25 247,240	525 105,646	20,799	20,335	92	83	6 588	347,444	1 047,284	3,014	2,551
43	34	96 555	24 406,208	499 858,406	20,481	20,017	93	84	4 839	247,167	699,840	2,831	2,368
44	35	96 341	23 585,799	475 452,199	20,158	19,695	94	85	3 436	169,963	452,673	2,663	2,200
45	36	96 112	22 788,876	451 866,399	19,828	19,365	95	86	2 352	112,708	282,710	2,508	2,045
46	37	95 853	22 012,197	429 077,523	19,493	19,029	96	87	1 549	71,888	170,002	2,365	1,901
47	38	95 565	21 255,236	407 065,326	19,151	18,688	97	88	977	43,909	98,114	2,234	1,771
48	39	95 236	20 515,331	385 810,090	18,806	18,342	98	89	589	25,644	54,205	2,114	1,650
49	40	94 868	19 792,741	365 294,759	18,456	17,992	99	90	337	14,211	28,561	2,010	1,546
							100	91	184	7,511	14,351	1,911	1,447

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10	0	99 489	72 256,231	1 983 503,934	27,451	26,987
11	1	99 167	69 754,957	1 911 247,702	27,399	26,936
12	2	99 132	67 535,651	1 841 492,746	27,267	26,803
13	3	99 106	65 392,811	1 773 957,095	27,128	26,664
14	4	99 084	63 320,342	1 708 564,284	26,983	26,519
15	5	99 057	61 310,695	1 645 243,941	26,835	26,371
16	6	99 030	59 364,247	1 583 933,246	26,682	26,218
17	7	98 995	57 475,701	1 524 568,999	26,525	26,062
18	8	98 953	55 642,903	1 467 093,298	26,366	25,903
19	9	98 899	53 861,518	1 411 450,395	26,205	25,742
20	10	98 843	52 137,029	1 357 588,877	26,039	25,575
21	11	98 783	50 465,169	1 305 451,848	25,868	25,405
22	12	98 722	48 846,358	1 254 986,679	25,693	25,229
23	13	98 661	47 279,876	1 206 140,321	25,511	25,047
24	14	98 601	45 763,608	1 158 860,445	25,323	24,859
25	15	98 535	44 293,504	1 113 096,837	25,130	24,666
26	16	98 469	42 870,316	1 068 803,333	24,931	24,467
27	17	98 396	41 490,377	1 025 933,017	24,727	24,263
28	18	98 318	40 152,505	984 442,640	24,518	24,054
29	19	98 237	38 856,379	944 290,135	24,302	23,838
30	20	98 152	37 600,782	905 433,756	24,080	23,617
31	21	98 067	36 385,840	867 832,975	23,851	23,387
32	22	97 977	35 207,999	831 447,135	23,615	23,152
33	23	97 883	34 067,047	796 239,136	23,373	22,909
34	24	97 786	32 961,996	762 172,089	23,123	22,659
35	25	97 688	31 892,682	729 210,093	22,864	22,401
36	26	97 585	30 856,060	697 317,411	22,599	22,135
37	27	97 476	29 851,414	666 461,351	22,326	21,862
38	28	97 357	28 876,587	636 609,937	22,046	21,582
39	29	97 226	27 929,833	607 733,350	21,759	21,296
40	30	97 086	27 011,879	579 803,517	21,465	21,001
41	31	96 934	26 120,670	552 791,638	21,163	20,699
42	32	96 772	25 256,192	526 670,968	20,853	20,390
43	33	96 590	24 415,135	501 414,775	20,537	20,073
44	34	96 382	23 595,822	476 999,640	20,215	19,752
45	35	96 150	22 797,944	453 403,818	19,888	19,424
46	36	95 899	22 022,663	430 605,874	19,553	19,089
47	37	95 616	21 266,585	408 583,212	19,212	18,749
48	38	95 289	20 526,759	387 316,626	18,869	18,405
49	39	94 931	19 805,843	366 789,867	18,519	18,056
50	40	94 528	19 101,023	346 984,024	18,166	17,702
51	41	94 083	18 412,754	327 883,001	17,807	17,344
52	42	93 563	17 734,581	309 470,246	17,450	16,986
53	43	93 012	17 075,153	291 735,665	17,085	16,622
54	44	92 404	16 429,555	274 660,512	16,717	16,254
55	45	91 728	15 796,096	258 230,957	16,348	15,884
56	46	90 992	15 176,082	242 434,861	15,975	15,511
57	47	90 201	14 570,684	227 258,779	15,597	15,133
58	48	89 329	13 975,620	212 688,095	15,219	14,755
59	49	88 387	13 392,947	198 712,474	14,837	14,373
60	50	87 364	12 821,155	185 319,528	14,454	13,991
61	51	86 265	12 261,470	172 498,373	14,068	13,605
62	52	85 093	11 714,191	160 236,903	13,679	13,215
63	53	83 842	11 178,674	148 522,711	13,286	12,823
64	54	82 534	10 657,775	137 344,037	12,887	12,423
65	55	81 110	10 144,321	126 686,262	12,488	12,025
66	56	79 606	9 642,767	116 541,940	12,086	11,622
67	57	77 994	9 150,114	106 899,173	11,683	11,219
68	58	76 293	8 668,856	97 749,059	11,276	10,812
69	59	74 502	8 198,880	89 080,203	10,865	10,401
70	60	72 597	7 737,791	80 881,323	10,453	9,989
71	61	70 562	7 284,129	73 143,532	10,041	9,578
72	62	68 408	6 839,451	65 859,404	9,629	9,166
73	63	66 134	6 403,944	59 019,952	9,216	8,753
74	64	63 727	5 976,685	52 616,008	8,804	8,340
75	65	61 116	5 551,411	46 639,322	8,401	7,938
76	66	58 369	5 134,961	41 087,911	8,002	7,538
77	67	55 461	4 725,577	35 952,950	7,608	7,145
78	68	52 386	4 323,039	31 227,373	7,223	6,760
79	69	49 137	3 927,297	26 904,333	6,851	6,387
80	70	45 754	3 541,792	22 977,037	6,487	6,024
81	71	42 281	3 169,938	19 435,245	6,131	5,667
82	72	38 696	2 809,833	16 265,306	5,789	5,325
83	73	35 072	2 466,549	13 455,474	5,455	4,992
84	74	31 469	2 143,483	10 988,925	5,127	4,663
85	75	27 851	1 837,329	8 845,442	4,814	4,351
86	76	24 293	1 552,144	7 008,113	4,515	4,051
87	77	20 832	1 289,154	5 455,969	4,232	3,769
88	78	17 515	1 049,775	4 166,815	3,969	3,506
89	79	14 439	838,172	3 117,040	3,719	3,255
90	80	11 588	651,460	2 278,868	3,498	3,034
91	81	9 149	498,194	1 627,408	3,267	2,803
92	82	6 973	367,722	1 129,214	3,071	2,607
93	83	5 163	263,704	761,492	2,888	2,424
94	84	3 704	183,212	497,788	2,717	2,253
95	85	2 565	122,876	314,576	2,560	2,096
96	86	1 710	79,367	191,700	2,415	1,952
97	87	1 096	49,241	112,333	2,281	1,818
98	88	671	29,217	63,092	2,159	1,696
99	89	393	16,553	33,875	2,046	1,583
100	90	218	8,887	17,322	1,949	1,486

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß 3,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11	0	99 480	69 975,568	1 913 102,158	27,340	26,876
12	1	99 158	67 553,482	1 843 126,591	27,284	26,820
13	2	99 121	65 402,552	1 775 573,108	27,148	26,685
14	3	99 095	63 327,418	1 710 170,556	27,005	26,542
15	4	99 069	61 318,003	1 646 843,138	26,857	26,394
16	5	99 040	59 370,247	1 585 525,134	26,706	26,242
17	6	99 004	57 480,707	1 526 154,887	26,551	26,087
18	7	98 962	55 647,680	1 468 674,180	26,392	25,929
19	8	98 906	53 865,485	1 413 026,500	26,233	25,769
20	9	98 850	52 140,626	1 359 161,016	26,067	25,604
21	10	98 790	50 468,751	1 307 020,390	25,898	25,434
22	11	98 730	48 850,264	1 256 551,639	25,723	25,259
23	12	98 669	47 283,682	1 207 701,375	25,542	25,078
24	13	98 610	45 767,708	1 160 417,693	25,355	24,891
25	14	98 546	44 298,306	1 114 649,985	25,162	24,699
26	15	98 481	42 875,709	1 070 351,679	24,964	24,500
27	16	98 411	41 496,762	1 027 475,970	24,760	24,297
28	17	98 334	40 158,949	985 979,208	24,552	24,088
29	18	98 259	38 865,256	945 820,258	24,336	23,872
30	19	98 172	37 608,549	906 955,002	24,116	23,652
31	20	98 089	36 393,919	869 346,453	23,887	23,424
32	21	97 997	35 215,370	832 952,534	23,653	23,189
33	22	97 905	34 074,691	797 737,165	23,411	22,948
34	23	97 808	32 969,532	763 662,474	23,163	22,699
35	24	97 708	31 899,130	730 692,942	22,906	22,443
36	25	97 606	30 862,849	698 793,812	22,642	22,178
37	26	97 499	29 858,480	667 930,963	22,370	21,906
38	27	97 383	28 884,347	638 072,482	22,091	21,627
39	28	97 250	27 936,898	609 188,135	21,806	21,342
40	29	97 114	27 019,632	581 251,238	21,512	21,049
41	30	96 962	26 128,065	554 231,606	21,212	20,748
42	31	96 801	25 263,823	528 103,541	20,904	20,440
43	32	96 624	24 423,792	502 839,718	20,588	20,124
44	33	96 418	23 604,453	478 415,926	20,268	19,804
45	34	96 191	22 807,632	454 811,473	19,941	19,478
46	35	95 937	22 031,426	432 003,841	19,609	19,145
47	36	95 661	21 276,696	409 972,416	19,269	18,805
48	37	95 340	20 537,720	388 695,719	18,926	18,462
49	38	94 983	19 816,876	368 157,999	18,578	18,114
50	39	94 590	19 113,668	348 341,124	18,225	17,761
51	40	94 150	18 425,767	329 227,456	17,868	17,404
52	41	93 638	17 748,807	310 801,688	17,511	17,048
53	42	93 095	17 090,365	293 052,882	17,147	16,684
54	43	92 498	16 446,395	275 962,517	16,780	16,316
55	44	91 831	15 813,858	259 516,122	16,411	15,947
56	45	91 108	15 195,369	243 702,264	16,038	15,574
57	46	90 329	14 591,245	228 506,896	15,661	15,197
58	47	89 476	13 998,509	213 915,651	15,281	14,818
59	48	88 544	13 416,673	199 917,141	14,901	14,437
60	49	87 544	12 847,591	186 500,468	14,516	14,053
61	50	86 456	12 288,542	173 652,877	14,131	13,668
62	51	85 302	11 742,924	161 364,336	13,741	13,278
63	52	84 073	11 209,448	149 621,412	13,348	12,884
64	53	82 782	10 689,915	138 411,963	12,948	12,484
65	54	81 370	10 176,798	127 722,048	12,550	12,087
66	55	79 889	9 677,055	117 545,251	12,147	11,683
67	56	78 289	9 184,761	107 868,196	11,744	11,281
68	57	76 599	8 703,641	98 683,435	11,338	10,875
69	58	74 832	8 235,216	89 979,795	10,926	10,463
70	59	72 942	7 774,502	81 744,578	10,514	10,051
71	60	70 945	7 323,598	73 970,076	10,100	9,637
72	61	68 803	6 878,983	66 646,478	9,688	9,225
73	62	66 553	6 444,595	59 767,495	9,274	8,810
74	63	64 160	6 017,229	53 322,900	8,862	8,398
75	64	61 569	5 592,513	47 305,672	8,459	7,995
76	65	58 828	5 175,380	41 713,159	8,060	7,596
77	66	55 940	4 766,350	36 537,778	7,666	7,202
78	67	52 869	4 362,883	31 771,429	7,282	6,819
79	68	49 619	3 965,807	27 408,546	6,911	6,448
80	69	46 245	3 579,815	23 442,739	6,549	6,085
81	70	42 777	3 207,156	19 862,924	6,193	5,730
82	71	39 201	2 846,488	16 655,768	5,851	5,388
83	72	35 588	2 502,783	13 809,280	5,518	5,054
84	73	31 989	2 178,914	11 306,497	5,189	4,725
85	74	28 379	1 872,166	9 127,582	4,875	4,412
86	75	24 825	1 586,181	7 255,416	4,574	4,111
87	76	21 355	1 321,521	5 669,236	4,290	3,826
88	77	18 015	1 079,709	4 347,715	4,027	3,563
89	78	14 918	865,941	3 268,006	3,774	3,310
90	79	12 024	676,003	2 402,065	3,553	3,090
91	80	9 548	519,908	1 726,062	3,320	2,856
92	81	7 321	386,097	1 206,154	3,124	2,660
93	82	5 464	279,094	820,057	2,938	2,475
94	83	3 951	195,470	540,963	2,767	2,304
95	84	2 765	132,455	345,493	2,608	2,145
96	85	1 865	86,527	213,038	2,462	1,998
97	86	1 210	54,364	126,511	2,327	1,863
98	87	753	32,765	72,147	2,202	1,738
99	88	447	18,860	39,382	2,088	1,625
100	89	254	10,352	20,523	1,982	1,519

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	38	94 643	19 124,315	349 582,701	18,279	17,816
1							51	39	94 212	18 437,965	330 458,386	17,923	17,459
2							52	40	93 704	17 761,350	312 020,421	17,567	17,104
3							53	41	93 169	17 104,074	294 259,071	17,204	16,740
4							54	42	92 581	16 461,047	277 154,997	16,837	16,373
5							55	43	91 926	15 830,067	260 693,951	16,468	16,005
6							56	44	91 210	15 212,455	244 863,884	16,096	15,633
7							57	45	90 443	14 609,788	229 651,430	15,719	15,255
8							58	46	89 602	14 018,263	215 041,641	15,340	14,876
9							59	47	88 689	13 438,647	201 023,379	14,959	14,495
10							60	48	87 699	12 870,351	187 584,732	14,575	14,111
11							61	49	86 634	12 313,879	174 714,381	14,188	13,725
12	0	99 472	67 767,131	1 844 838,897	27,223	26,760	62	50	85 490	11 768,851	162 400,501	13,799	13,336
13	1	99 147	65 419,821	1 777 071,766	27,164	26,700	63	51	84 280	11 236,943	150 631,651	13,405	12,941
14	2	99 110	63 336,852	1 711 651,945	27,025	26,561	64	52	83 010	10 719,344	139 394,708	13,004	12,540
15	3	99 080	61 324,855	1 648 315,094	26,878	26,415	65	53	81 616	10 207,487	128 675,364	12,606	12,142
16	4	99 052	59 377,324	1 586 990,238	26,727	26,264	66	54	80 145	9 708,035	118 467,877	12,203	11,739
17	5	99 014	57 486,517	1 527 612,914	26,573	26,110	67	55	78 568	9 217,419	108 759,842	11,799	11,336
18	6	98 971	55 652,526	1 470 126,397	26,416	25,953	68	56	76 889	8 736,597	99 542,422	11,394	10,930
19	7	98 914	53 870,108	1 414 473,871	26,257	25,793	69	57	75 133	8 268,261	90 805,826	10,982	10,519
20	8	98 857	52 144,466	1 360 603,763	26,093	25,629	70	58	73 265	7 808,958	82 537,565	10,570	10,106
21	9	98 797	50 472,233	1 308 459,296	25,924	25,461	71	59	71 281	7 358,345	74 728,607	10,156	9,692
22	10	98 737	48 853,731	1 257 987,063	25,750	25,286	72	60	69 176	6 916,257	67 370,262	9,741	9,277
23	11	98 677	47 287,464	1 209 133,332	25,570	25,106	73	61	66 938	6 481,844	60 454,005	9,327	8,863
24	12	98 618	45 771,392	1 161 845,869	25,384	24,920	74	62	64 567	6 055,424	53 972,162	8,913	8,449
25	13	98 555	44 302,274	1 116 074,476	25,192	24,729	75	63	61 987	5 630,450	47 916,738	8,510	8,047
26	14	98 492	42 880,357	1 071 772,202	24,994	24,531	76	64	59 264	5 213,698	42 286,287	8,111	7,647
27	15	98 424	41 501,983	1 028 891,845	24,791	24,328	77	65	56 380	4 803,867	37 072,589	7,717	7,254
28	16	98 349	40 165,130	987 389,862	24,583	24,120	78	66	53 325	4 400,526	32 268,722	7,333	6,869
29	17	98 275	38 871,494	947 224,733	24,368	23,904	79	67	50 076	4 002,358	27 868,196	6,963	6,499
30	18	98 195	37 617,141	908 353,239	24,147	23,684	80	68	46 699	3 614,918	23 865,838	6,602	6,138
31	19	98 109	36 401,437	870 736,098	23,920	23,457	81	69	43 237	3 241,587	20 250,920	6,247	5,784
32	20	98 019	35 223,189	834 334,661	23,687	23,223	82	70	39 661	2 879,908	17 009,333	5,906	5,443
33	21	97 925	34 081,824	799 111,472	23,447	22,983	83	71	36 052	2 535,433	14 129,425	5,573	5,109
34	22	97 830	32 976,930	765 029,648	23,199	22,735	84	72	32 459	2 210,924	11 593,992	5,244	4,780
35	23	97 731	31 906,423	732 052,718	22,944	22,480	85	73	28 848	1 903,113	9 383,069	4,930	4,467
36	24	97 626	30 869,089	700 146,295	22,681	22,218	86	74	25 296	1 616,255	7 479,956	4,628	4,164
37	25	97 520	29 865,050	669 277,206	22,410	21,946	87	75	21 824	1 350,500	5 863,701	4,342	3,878
38	26	97 406	28 891,185	639 412,156	22,132	21,668	88	76	18 467	1 106,818	4 513,201	4,078	3,614
39	27	97 276	27 944,405	610 520,972	21,848	21,384	89	77	15 343	890,632	3 406,383	3,825	3,361
40	28	97 139	27 026,466	582 576,567	21,556	21,092	90	78	12 423	698,399	2 515,751	3,602	3,139
41	29	96 989	26 135,564	555 550,101	21,256	20,793	91	79	9 908	539,495	1 817,351	3,369	2,905
42	30	96 829	25 270,975	529 414,537	20,950	20,486	92	80	7 640	402,925	1 277,856	3,171	2,708
43	31	96 653	24 431,171	504 143,562	20,635	20,172	93	81	5 737	293,040	874,931	2,986	2,522
44	32	96 452	23 612,823	479 712,391	20,316	19,852	94	82	4 182	206,878	581,891	2,813	2,349
45	33	96 226	22 815,974	456 099,568	19,990	19,527	95	83	2 950	141,317	375,013	2,654	2,190
46	34	95 978	22 040,788	433 283,593	19,658	19,195	96	84	2 010	93,272	233,696	2,506	2,042
47	35	95 700	21 285,163	411 242,805	19,321	18,857	97	85	1 319	59,268	140,423	2,369	1,906
48	36	95 385	20 547,484	389 957,643	18,978	18,515	98	86	831	36,173	81,155	2,244	1,780
49	37	95 034	19 827,457	369 410,159	18,631	18,168	99	87	502	21,150	44,982	2,127	1,663
							100	88	289	11,794	23,832	2,021	1,557

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	37	94 694	19 134 527	350 718 933	18,329	17,865
1							51	38	94 264	18 448 235	331 584 406	17,974	17,510
2							52	39	93 766	17 773 108	313 136 171	17,619	17,155
3							53	40	93 235	17 116 162	295 363 062	17,256	16,793
4							54	41	92 655	16 474 251	278 246 901	16,890	16,426
5							55	42	92 007	15 844 169	261 772 650	16,522	16,058
6							56	43	91 304	15 228 047	245 928 481	16,150	15,686
7							57	44	90 545	14 626 216	230 700 434	15,773	15,309
8							58	45	89 716	14 036 078	216 074 218	15,394	14,931
9							59	46	88 814	13 457 610	202 038 140	15,013	14,549
10							60	47	87 843	12 891 430	188 580 530	14,628	14,165
11							61	48	86 788	12 335 694	175 689 100	14,242	13,779
12							62	49	85 667	11 793 117	163 353 406	13,852	13,388
13	0	99 461	65 626 721	1 778 653 388	27,103	26,639	63	50	84 466	11 261 752	151 560 289	13,458	12,994
14	1	99 136	63 353 575	1 713 026 667	27,039	26,576	64	51	83 214	10 745 636	140 298 537	13,056	12,593
15	2	99 095	61 333 991	1 649 673 092	26,897	26,433	65	52	81 840	10 235 588	129 552 901	12,657	12,193
16	3	99 063	59 383 959	1 588 339 102	26,747	26,283	66	53	80 386	9 737 311	119 317 313	12,254	11,790
17	4	99 026	57 493 369	1 528 955 142	26,594	26,130	67	54	78 819	9 246 928	109 580 002	11,850	11,387
18	5	98 981	55 658 152	1 471 461 773	26,437	25,974	68	55	77 163	8 767 662	100 333 074	11,444	10,980
19	6	98 923	53 874 800	1 415 803 621	26,280	25,816	69	56	75 417	8 299 569	91 565 412	11,033	10,569
20	7	98 866	52 148 942	1 361 928 821	26,116	25,653	70	57	73 559	7 840 292	83 265 843	10,620	10,157
21	8	98 804	50 475 950	1 309 779 879	25,949	25,485	71	58	71 597	7 390 956	75 425 551	10,205	9,741
22	9	98 744	48 857 102	1 259 303 929	25,775	25,312	72	59	69 504	6 949 071	68 034 595	9,790	9,327
23	10	98 684	47 290 820	1 210 446 827	25,596	25,132	73	60	67 301	6 516 966	61 085 525	9,373	8,910
24	11	98 626	45 775 053	1 163 156 008	25,410	24,947	74	61	64 940	6 090 424	54 568 559	8,960	8,496
25	12	98 563	44 305 841	1 117 380 955	25,220	24,756	75	62	62 380	5 666 191	48 478 135	8,556	8,092
26	13	98 501	42 884 198	1 073 075 114	25,023	24,559	76	63	59 666	5 249 065	42 811 944	8,156	7,692
27	14	98 435	41 506 481	1 030 190 915	24,820	24,356	77	64	56 798	4 839 434	37 562 879	7,762	7,298
28	15	98 362	40 170 183	988 684 434	24,612	24,149	78	65	53 745	4 435 164	32 723 445	7,378	6,915
29	16	98 290	38 877 476	948 514 251	24,398	23,934	79	66	50 508	4 036 891	28 288 281	7,007	6,544
30	17	98 210	37 623 179	909 636 775	24,178	23,714	80	67	47 129	3 648 235	24 251 390	6,647	6,184
31	18	98 132	36 409 753	872 013 597	23,950	23,486	81	68	43 661	3 273 373	20 603 155	6,294	5,831
32	19	98 039	35 230 465	835 603 843	23,718	23,255	82	69	40 087	2 910 826	17 329 782	5,954	5,490
33	20	97 947	34 089 391	800 373 378	23,479	23,015	83	70	36 475	2 565 201	14 418 956	5,621	5,157
34	21	97 851	32 983 833	766 283 987	23,232	22,768	84	71	32 883	2 239 765	11 853 755	5,292	4,829
35	22	97 752	31 913 582	733 300 153	22,978	22,514	85	72	29 272	1 931 070	9 613 990	4,979	4,515
36	23	97 648	30 876 147	701 386 571	22,716	22,253	86	73	25 714	1 642 972	7 682 919	4,676	4,213
37	24	97 540	29 871 088	670 510 424	22,447	21,983	87	74	22 238	1 376 106	6 039 948	4,389	3,926
38	25	97 428	28 897 541	640 639 336	22,169	21,706	88	75	18 872	1 131 089	4 663 841	4,123	3,660
39	26	97 299	27 951 020	611 741 795	21,886	21,423	89	76	15 728	912 994	3 532 753	3,869	3,406
40	27	97 165	27 033 729	583 790 775	21,595	21,131	90	77	12 777	718 313	2 619 758	3,647	3,183
41	28	97 014	26 142 174	556 757 047	21,297	20,834	91	78	10 236	557 369	1 901 445	3,411	2,948
42	29	96 857	25 278 228	530 614 872	20,991	20,527	92	79	7 928	418 105	1 344 076	3,215	2,751
43	30	96 681	24 438 088	505 336 644	20,678	20,215	93	80	5 987	305 813	925 971	3,028	2,564
44	31	96 481	23 619 957	480 898 556	20,360	19,896	94	81	4 391	217 216	620 159	2,855	2,391
45	32	96 260	22 824 065	457 278 599	20,035	19,571	95	82	3 122	149 565	402 943	2,694	2,230
46	33	96 013	22 048 850	434 454 535	19,704	19,241	96	83	2 144	99 513	253 378	2,546	2,083
47	34	95 740	21 294 208	412 405 685	19,367	18,903	97	84	1 422	63 888	153 865	2,408	1,945
48	35	95 423	20 555 660	391 111 477	19,027	18,563	98	85	906	39 437	89 977	2,282	1,818
49	36	95 079	19 836 884	370 555 817	18,680	18,217	99	86	554	23 350	50 540	2,164	1,701
							100	87	324	13 227	27 190	2,056	1,592

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	36	94 739	19 143,624	351 758,487	18,375	17,911
1							51	37	94 315	18 458,086	332 614,863	18,020	17,556
2							52	38	93 818	17 783,008	314 156,777	17,666	17,202
3							53	39	93 297	17 127,492	296 373,769	17,304	16,840
4							54	40	92 720	16 485,893	279 246,277	16,938	16,475
5							55	41	92 081	15 856,879	262 760,383	16,571	16,107
6							56	42	91 385	15 241,613	246 903,505	16,199	15,736
7							57	43	90 638	14 641,207	231 661,891	15,823	15,359
8							58	44	89 817	14 051,860	217 020,684	15,444	14,981
9							59	45	88 927	13 474,713	202 968,824	15,063	14,599
10							60	46	87 966	12 909,621	189 494,111	14,679	14,215
11							61	47	86 930	12 355,897	176 584,490	14,292	13,828
12							62	48	85 819	11 814,009	164 228,592	13,901	13,438
13							63	49	84 640	11 284,973	152 414,583	13,506	13,042
14	0	99 450	63 553,940	1 714 488,206	26,977	26,513	64	50	83 398	10 769,361	141 129,610	13,105	12,641
15	1	99 121	61 350,185	1 650 934,265	26,910	26,446	65	51	82 041	10 260,693	130 360,249	12,705	12,241
16	2	99 077	59 392,805	1 589 584,080	26,764	26,300	66	52	80 608	9 764,117	120 099,556	12,300	11,836
17	3	99 037	57 499,794	1 530 191,275	26,612	26,148	67	53	79 057	9 274,814	110 335,439	11,896	11,433
18	4	98 992	55 664,786	1 472 691,481	26,456	25,993	68	54	77 410	8 795,731	101 060,625	11,490	11,026
19	5	98 933	53 880,246	1 417 026,695	26,300	25,836	69	55	75 685	8 329,080	92 264,894	11,077	10,614
20	6	98 875	52 153,484	1 363 146,449	26,137	25,674	70	56	73 838	7 869,979	83 935,814	10,665	10,202
21	7	98 813	50 480,283	1 310 992,965	25,970	25,507	71	57	71 884	7 420,613	76 065,835	10,251	9,787
22	8	98 751	48 860,700	1 260 512,682	25,798	25,334	72	58	69 812	6 979,868	68 645,222	9,835	9,371
23	9	98 691	47 294,082	1 211 651,982	25,620	25,156	73	59	67 620	6 547,885	61 665,354	9,418	8,954
24	10	98 633	45 778,302	1 164 357,900	25,435	24,971	74	60	65 292	6 123,425	55 117,469	9,001	8,537
25	11	98 571	44 309,384	1 118 579,598	25,245	24,781	75	61	62 741	5 698,941	48 994,044	8,597	8,133
26	12	98 509	42 887,651	1 074 270,214	25,048	24,585	76	62	60 045	5 282,385	43 295,103	8,196	7,733
27	13	98 443	41 510,200	1 031 382,563	24,846	24,383	77	63	57 183	4 872,263	38 012,718	7,802	7,338
28	14	98 372	40 174,537	989 872,364	24,639	24,176	78	64	54 142	4 468,001	33 140,455	7,417	6,954
29	15	98 302	38 882,367	949 697,826	24,425	23,961	79	65	50 906	4 068,666	28 672,454	7,047	6,584
30	16	98 225	37 628,969	910 815,460	24,205	23,742	80	66	47 536	3 679,712	24 603,788	6,686	6,223
31	17	98 148	36 415,597	873 186,491	23,978	23,515	81	67	44 063	3 303,542	20 924,076	6,334	5,870
32	18	98 062	35 238,514	836 770,894	23,746	23,282	82	68	40 480	2 939,369	17 620,533	5,995	5,531
33	19	97 967	34 096,433	801 532,379	23,508	23,044	83	69	36 867	2 592,740	14 681,165	5,662	5,199
34	20	97 872	32 991,157	767 435,946	23,262	22,798	84	70	33 269	2 266,062	12 088,425	5,335	4,871
35	21	97 773	31 920,263	734 444,789	23,009	22,545	85	71	29 654	1 956,261	9 822,362	5,021	4,557
36	22	97 670	30 883,075	702 524,526	22,748	22,284	86	72	26 092	1 667,108	7 866,101	4,718	4,255
37	23	97 562	29 877,917	671 641,451	22,480	22,016	87	73	22 605	1 398,853	6 198,993	4,431	3,968
38	24	97 448	28 903,384	641 763,534	22,204	21,740	88	74	19 230	1 152,535	4 800,140	4,165	3,701
39	25	97 321	27 957,170	612 860,150	21,921	21,458	89	75	16 073	933,015	3 647,606	3,909	3,446
40	26	97 188	27 040,128	584 902,980	21,631	21,167	90	76	13 098	736,349	2 714,591	3,687	3,223
41	27	97 040	26 149,199	557 862,852	21,334	20,870	91	77	10 528	573,262	1 978,242	3,451	2,987
42	28	96 881	25 284,622	531 713,653	21,029	20,566	92	78	8 191	431,957	1 404,980	3,253	2,789
43	29	96 708	24 445,102	506 429,031	20,717	20,253	93	79	6 213	317,334	973,023	3,066	2,603
44	30	96 508	23 626,644	481 983,929	20,400	19,936	94	80	4 582	226,683	655,689	2,893	2,429
45	31	96 289	22 830,960	458 357,285	20,076	19,613	95	81	3 278	157,038	429,006	2,732	2,268
46	32	96 047	22 056,668	435 526,325	19,746	19,282	96	82	2 270	105,320	271,968	2,582	2,119
47	33	95 775	21 301,997	413 469,657	19,410	18,946	97	83	1 517	68,163	166,647	2,445	1,981
48	34	95 464	20 564,395	392 167,660	19,070	18,607	98	84	977	42,511	98,484	2,317	1,853
49	35	95 117	19 844,777	371 603,264	18,725	18,262	99	85	604	25,457	55,974	2,199	1,735
							100	86	358	14,603	30,517	2,090	1,626

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15	0	99 435	61 544,214	1 652 285,476	26,847	26,384
16	1	99 104	59 408,487	1 590 741,262	26,776	26,313
17	2	99 052	57 508,359	1 531 332,775	26,628	26,164
18	3	99 003	55 671,006	1 473 824,416	26,474	26,010
19	4	98 945	53 886,668	1 418 153,409	26,317	25,854
20	5	98 885	52 158,756	1 364 266,741	26,156	25,692
21	6	98 821	50 484,679	1 312 107,985	25,990	25,527
22	7	98 759	48 864,894	1 261 623,306	25,819	25,355
23	8	98 698	47 297,565	1 212 758,412	25,641	25,177
24	9	98 640	45 781,460	1 165 460,846	25,457	24,993
25	10	98 578	44 312,529	1 119 679,386	25,268	24,804
26	11	98 516	42 891,081	1 075 366,857	25,072	24,608
27	12	98 451	41 513,542	1 032 475,777	24,871	24,407
28	13	98 381	40 178,136	990 962,235	24,664	24,201
29	14	98 313	38 886,582	950 784,099	24,450	23,987
30	15	98 238	37 633,703	911 897,517	24,231	23,767
31	16	98 163	36 421,201	874 263,814	24,004	23,541
32	17	98 077	35 244,170	837 842,613	23,773	23,309
33	18	97 990	34 104,223	802 598,443	23,534	23,070
34	19	97 892	32 997,972	768 494,220	23,289	22,826
35	20	97 795	31 927,350	735 496,248	23,037	22,573
36	21	97 691	30 889,540	703 568,897	22,777	22,313
37	22	97 584	29 884,621	672 679,358	22,509	22,046
38	23	97 470	28 909,992	642 794,736	22,234	21,771
39	24	97 340	27 962,822	613 884,744	21,954	21,490
40	25	97 209	27 046,078	585 921,922	21,664	21,200
41	26	97 063	26 155,389	558 875,844	21,368	20,904
42	27	96 907	25 291,416	532 720,455	21,063	20,600
43	28	96 733	24 451,285	507 429,038	20,753	20,289
44	29	96 536	23 633,425	482 977,754	20,436	19,973
45	30	96 316	22 837,424	459 344,329	20,114	19,650
46	31	96 076	22 063,332	436 506,905	19,784	19,321
47	32	95 809	21 309,550	414 443,573	19,449	18,985
48	33	95 499	20 571,917	393 134,022	19,110	18,647
49	34	95 158	19 853,211	372 562,105	18,766	18,302
50	35	94 776	19 151,242	352 708,894	18,417	17,953
51	36	94 360	18 466,862	333 557,653	18,062	17,599
52	37	93 869	17 792,504	315 090,791	17,709	17,246
53	38	93 349	17 137,033	297 298,287	17,348	16,885
54	39	92 782	16 496,807	280 161,255	16,983	16,519
55	40	92 146	15 868,085	263 664,448	16,616	16,152
56	41	91 458	15 253,839	247 796,363	16,245	15,781
57	42	90 719	14 654,251	232 542,524	15,869	15,405
58	43	89 909	14 066,263	217 888,273	15,490	15,027
59	44	89 027	13 489,864	203 822,009	15,109	14,646
60	45	88 078	12 926,027	190 332,145	14,725	14,261
61	46	87 052	12 373,333	177 406,118	14,338	13,874
62	47	85 959	11 833,358	165 032,785	13,946	13,483
63	48	84 790	11 304,965	153 199,427	13,552	13,088
64	49	83 570	10 791,566	141 894,462	13,149	12,685
65	50	82 222	10 283,348	131 102,896	12,749	12,285
66	51	80 805	9 788,066	120 819,549	12,344	11,880
67	52	79 274	9 300,346	111 031,482	11,938	11,475
68	53	77 643	8 822,256	101 731,136	11,531	11,068
69	54	75 928	8 355,745	92 908,880	11,119	10,656
70	55	74 100	7 897,963	84 553,135	10,706	10,242
71	56	72 156	7 448,711	76 655,172	10,291	9,827
72	57	70 092	7 007,875	69 206,461	9,876	9,412
73	58	67 920	6 576,905	62 198,586	9,457	8,993
74	59	65 602	6 152,477	55 621,681	9,041	8,577
75	60	63 081	5 729,821	49 469,204	8,634	8,170
76	61	60 392	5 312,917	43 739,383	8,233	7,769
77	62	57 546	4 903,190	38 426,466	7,837	7,373
78	63	54 510	4 498,310	33 523,276	7,452	6,989
79	64	51 283	4 098,790	29 024,966	7,081	6,618
80	65	47 910	3 708,677	24 926,176	6,721	6,257
81	66	44 443	3 332,045	21 217,499	6,368	5,904
82	67	40 853	2 966,459	17 885,454	6,029	5,566
83	68	37 228	2 618,164	14 918,995	5,698	5,235
84	69	33 626	2 290,390	12 300,831	5,371	4,907
85	70	30 002	1 979,230	10 010,441	5,058	4,594
86	71	26 432	1 688,855	8 031,211	4,755	4,292
87	72	22 937	1 419,403	6 342,356	4,468	4,005
88	73	19 548	1 171,586	4 922,953	4,202	3,738
89	74	16 378	950,705	3 751,367	3,946	3,482
90	75	13 385	752,496	2 800,662	3,722	3,258
91	76	10 792	587,655	2 048,166	3,485	3,022
92	77	8 424	444,274	1 460,511	3,287	2,824
93	78	6 419	327,847	1 016,237	3,100	2,636
94	79	4 755	235,223	688,390	2,927	2,463
95	80	3 420	163,883	453,166	2,765	2,302
96	81	2 383	110,583	289,284	2,616	2,152
97	82	1 605	72,141	178,700	2,477	2,013
98	83	1 042	45,355	106,559	2,349	1,886
99	84	651	27,441	61,204	2,230	1,767
100	85	390	15,920	33,763	2,121	1,657

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	34	94 817	19 159,380	353 578,955	18,455	17,991
1							51	35	94 397	18 474,210	334 419,575	18,102	17,638
2							52	36	93 913	17 800,963	315 945,365	17,749	17,285
3							53	37	93 399	17 146,183	298 144,402	17,388	16,925
4							54	38	92 834	16 505,996	280 998,218	17,024	16,560
5							55	39	92 207	15 878,590	264 492,222	16,657	16,194
6							56	40	91 523	15 264,620	248 613,633	16,287	15,823
7							57	41	90 792	14 666,006	233 349,013	15,911	15,447
8							58	42	89 989	14 078,794	218 683,008	15,533	15,069
9							59	43	89 118	13 503,691	204 604,213	15,152	14,688
10							60	44	88 177	12 940,562	191 100,522	14,768	14,304
11							61	45	87 163	12 389,057	178 159,961	14,380	13,917
12							62	46	86 080	11 850,056	165 770,903	13,989	13,525
13							63	47	84 929	11 323,480	153 920,847	13,593	13,129
14							64	48	83 718	10 810,684	142 597,367	13,190	12,727
15							65	49	82 392	10 304,551	131 786,683	12,789	12,326
16	0	99 417	59 596,376	1 591 991,099	26,713	26,249	66	50	80 984	9 809,677	121 482,132	12,384	11,920
17	1	99 078	57 523,544	1 532 394,723	26,639	26,176	67	51	79 469	9 323,158	111 672,455	11,978	11,514
18	2	99 018	55 679,299	1 474 871,179	26,489	26,025	68	52	77 857	8 846,543	102 349,297	11,569	11,106
19	3	98 956	53 892,690	1 419 191,880	26,334	25,870	69	53	76 157	8 380,943	93 502,754	11,157	10,693
20	4	98 896	52 164,973	1 365 299,190	26,173	25,709	70	54	74 337	7 923,248	85 121,811	10,743	10,280
21	5	98 831	50 489,783	1 313 134,217	26,008	25,544	71	55	72 413	7 475,197	77 198,564	10,327	9,864
22	6	98 768	48 869,150	1 262 644,435	25,837	25,374	72	56	70 358	7 034,411	69 723,367	9,912	9,448
23	7	98 707	47 301,625	1 213 775,285	25,660	25,197	73	57	68 192	6 603,295	62 688,956	9,494	9,030
24	8	98 647	45 784,832	1 166 473,660	25,477	25,014	74	58	65 892	6 179,744	56 085,661	9,076	8,612
25	9	98 584	44 315,586	1 120 688,828	25,289	24,825	75	59	63 380	5 757,006	49 905,917	8,669	8,205
26	10	98 523	42 894,125	1 076 373,242	25,094	24,630	76	60	60 719	5 341,705	44 148,911	8,265	7,801
27	11	98 459	41 516,862	1 033 479,117	24,893	24,429	77	61	57 878	4 931,530	38 807,206	7,869	7,406
28	12	98 389	40 181,371	991 962,255	24,687	24,223	78	62	54 856	4 526,864	33 875,676	7,483	7,020
29	13	98 322	38 890,065	951 780,884	24,474	24,010	79	63	51 631	4 126,594	29 348,812	7,112	6,648
30	14	98 248	37 637,782	912 890,819	24,255	23,791	80	64	48 264	3 736,135	25 222,218	6,751	6,287
31	15	98 175	36 425,783	875 253,037	24,028	23,565	81	65	44 793	3 358,273	21 486,083	6,398	5,934
32	16	98 093	35 249,594	838 827,253	23,797	23,333	82	66	41 205	2 992,054	18 127,809	6,059	5,595
33	17	98 005	34 109,697	803 577,660	23,559	23,095	83	67	37 571	2 642,294	15 135,755	5,728	5,265
34	18	97 915	33 005,511	769 467,963	23,313	22,850	84	68	33 956	2 312,849	12 493,461	5,402	4,938
35	19	97 815	31 933,946	736 462,452	23,062	22,598	85	69	30 324	2 000,478	10 180,612	5,089	4,625
36	20	97 712	30 896,399	704 528,506	22,803	22,339	86	70	26 743	1 708,684	8 180,134	4,787	4,324
37	21	97 605	29 890,877	673 632,107	22,536	22,073	87	71	23 236	1 437,919	6 471,450	4,501	4,037
38	22	97 492	28 916,479	643 741,230	22,262	21,798	88	72	19 835	1 188,797	5 033,531	4,234	3,771
39	23	97 363	27 969,215	614 824,751	21,982	21,519	89	73	16 649	966,420	3 844,734	3,978	3,515
40	24	97 229	27 051,546	586 855,536	21,694	21,230	90	74	13 639	766,763	2 878,313	3,754	3,290
41	25	97 084	26 161,144	559 803,990	21,398	20,935	91	75	11 029	600,542	2 111,550	3,516	3,052
42	26	96 930	25 297,403	533 642,845	21,095	20,631	92	76	8 636	455,428	1 511,009	3,318	2,854
43	27	96 759	24 457,855	508 345,442	20,785	20,321	93	77	6 602	337,196	1 055,580	3,130	2,667
44	28	96 560	23 639,402	483 887,587	20,470	20,006	94	78	4 912	243,016	718,384	2,956	2,492
45	29	96 344	22 843,978	460 248,184	20,147	19,684	95	79	3 549	170,057	475,368	2,795	2,332
46	30	96 103	22 069,578	437 404,206	19,819	19,356	96	80	2 487	115,403	305,311	2,646	2,182
47	31	95 838	21 315,988	415 334,627	19,485	19,021	97	81	1 685	75,746	189,908	2,507	2,044
48	32	95 533	20 579,212	394 018,639	19,146	18,683	98	82	1 103	48,002	114,162	2,378	1,915
49	33	95 192	19 860,472	373 439,427	18,803	18,340	99	83	694	29,277	66,160	2,260	1,796
							100	84	420	17,161	36,883	2,149	1,686

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17	0	99 391	57 705,471	1 533 551,369	26,575	26,112
18	1	99 044	55 694,001	1 475 845,898	26,499	26,036
19	2	98 970	53 900,718	1 420 151,898	26,348	25,884
20	3	98 907	52 170,802	1 366 251,180	26,188	25,724
21	4	98 843	50 495,801	1 314 080,378	26,024	25,560
22	5	98 778	48 874,090	1 263 584,577	25,854	25,390
23	6	98 715	47 305,745	1 214 710,487	25,678	25,214
24	7	98 655	45 788,762	1 167 404,742	25,495	25,032
25	8	98 592	44 318,850	1 121 615,981	25,308	24,844
26	9	98 530	42 897,084	1 077 297,131	25,114	24,650
27	10	98 466	41 519,808	1 034 400,047	24,913	24,450
28	11	98 397	40 184,584	992 880,238	24,708	24,244
29	12	98 330	38 893,196	952 695,654	24,495	24,032
30	13	98 257	37 641,154	913 802,458	24,277	23,813
31	14	98 186	36 429,732	876 161,304	24,051	23,587
32	15	98 105	35 254,028	839 731,572	23,819	23,356
33	16	98 020	34 114,946	804 477,543	23,581	23,118
34	17	97 931	33 010,809	770 362,597	23,337	22,873
35	18	97 837	31 941,242	737 351,789	23,085	22,621
36	19	97 733	30 902,781	705 410,547	22,827	22,363
37	20	97 626	29 897,514	674 507,766	22,561	22,097
38	21	97 512	28 922,532	644 610,252	22,287	21,824
39	22	97 385	27 975,491	615 687,720	22,008	21,544
40	23	97 251	27 057,731	587 712,228	21,721	21,257
41	24	97 104	26 166,433	560 654,498	21,426	20,963
42	25	96 951	25 302,970	534 488,064	21,124	20,660
43	26	96 782	24 463,645	509 185,095	20,814	20,350
44	27	96 586	23 645,755	484 721,450	20,499	20,036
45	28	96 368	22 849,756	461 075,695	20,179	19,715
46	29	96 131	22 075,913	438 225,938	19,851	19,387
47	30	95 865	21 322,023	416 150,026	19,517	19,054
48	31	95 561	20 585,429	394 828,003	19,180	18,716
49	32	95 226	19 867,515	374 242,573	18,837	18,373
50	33	94 851	19 166,388	354 375,059	18,489	18,026
51	34	94 437	18 482,061	335 208,671	18,137	17,673
52	35	93 951	17 808,046	316 726,610	17,786	17,322
53	36	93 443	17 154,335	298 918,564	17,425	16,962
54	37	92 883	16 514,810	281 764,228	17,061	16,598
55	38	92 259	15 887,434	265 249,419	16,696	16,232
56	39	91 583	15 274,725	249 361,984	16,325	15,862
57	40	90 856	14 676,371	234 087,260	15,950	15,486
58	41	90 061	14 090,088	219 410,889	15,572	15,108
59	42	89 198	13 515,721	205 320,802	15,191	14,728
60	43	88 268	12 953,825	191 805,081	14,807	14,343
61	44	87 261	12 402,988	178 851,255	14,420	13,956
62	45	86 190	11 865,116	166 448,267	14,028	13,565
63	46	85 048	11 339,459	154 583,151	13,632	13,169
64	47	83 855	10 828,390	143 243,693	13,229	12,765
65	48	82 538	10 322,806	132 415,303	12,827	12,364
66	49	81 151	9 829,904	122 092,497	12,421	11,957
67	50	79 644	9 343,743	112 262,594	12,015	11,551
68	51	78 048	8 868,241	102 918,851	11,605	11,142
69	52	76 366	8 404,015	94 050,610	11,191	10,728
70	53	74 562	7 947,141	85 646,595	10,777	10,313
71	54	72 645	7 499,128	77 699,454	10,361	9,898
72	55	70 608	7 059,423	70 200,326	9,944	9,481
73	56	68 450	6 628,298	63 140,902	9,526	9,062
74	57	66 157	6 204,541	56 512,604	9,108	8,645
75	58	63 661	5 782,520	50 308,063	8,700	8,236
76	59	61 007	5 367,048	44 525,543	8,296	7,832
77	60	58 192	4 958,252	39 158,494	7,898	7,434
78	61	55 173	4 553,029	34 200,242	7,512	7,048
79	62	51 958	4 152,789	29 647,214	7,139	6,675
80	63	48 592	3 761,479	25 494,425	6,778	6,314
81	64	45 125	3 383,137	21 732,945	6,424	5,960
82	65	41 530	3 015,606	18 349,808	6,085	5,621
83	66	37 895	2 665,092	15 334,203	5,754	5,290
84	67	34 269	2 334,165	12 669,110	5,428	4,964
85	68	30 622	2 020,094	10 334,945	5,116	4,652
86	69	27 030	1 727,028	8 314,851	4,815	4,351
87	70	23 509	1 454,802	6 587,823	4,528	4,065
88	71	20 094	1 204,305	5 133,021	4,262	3,799
89	72	16 893	980,617	3 928,716	4,006	3,543
90	73	13 864	779,438	2 948,099	3,782	3,319
91	74	11 238	611,928	2 168,661	3,544	3,080
92	75	8 825	465,415	1 556,733	3,345	2,881
93	76	6 767	345,662	1 091,317	3,157	2,694
94	77	5 053	249,946	745,655	2,983	2,520
95	78	3 667	175,691	495,710	2,821	2,358
96	79	2 581	119,751	320,019	2,672	2,209
97	80	1 759	79,048	200,268	2,534	2,070
98	81	1 158	50,401	121,220	2,405	1,942
99	82	735	30,986	70,820	2,286	1,822
100	83	448	18,309	39,834	2,176	1,712

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	32	94 885	19 173,184	355 103,865	18,521	18,057
1							51	33	94 472	18 488,821	335 930,680	18,169	17,706
2							52	34	93 990	17 815,614	317 441,859	17,818	17,355
3							53	35	93 480	17 161,161	299 626,245	17,460	16,996
4							54	36	92 927	16 522,661	282 465,084	17,096	16,632
5							55	37	92 308	15 895,918	265 942,423	16,730	16,267
6							56	38	91 634	15 283,233	250 046,505	16,361	15,897
7							57	39	90 916	14 686,086	234 763,272	15,985	15,522
8							58	40	90 125	14 100,045	220 077,186	15,608	15,145
9							59	41	89 269	13 526,563	205 977,141	15,228	14,764
10							60	42	88 346	12 965,366	192 450,578	14,843	14,380
11							61	43	87 350	12 415,701	179 485,212	14,456	13,993
12							62	44	86 287	11 878,457	167 069,511	14,065	13,601
13							63	45	85 156	11 353,869	155 191,054	13,669	13,205
14							64	46	83 973	10 843,670	143 837,185	13,265	12,801
15							65	47	82 673	10 339,713	132 993,515	12,862	12,399
16							66	48	81 295	9 847,318	122 653,803	12,456	11,992
17							67	49	79 809	9 363,008	112 806,485	12,048	11,584
18	0	99 358	55 870,142	1 476 916,829	26,435	25,971	68	50	78 220	8 887,821	103 443,477	11,639	11,175
19	1	98 997	53 914,949	1 421 046,688	26,357	25,894	69	51	76 553	8 424,628	94 555,655	11,224	10,760
20	2	98 922	52 178,574	1 367 131,738	26,201	25,737	70	52	74 767	7 969,019	86 131,027	10,808	10,345
21	3	98 854	50 501,443	1 314 953,165	26,038	25,574	71	53	72 864	7 521,742	78 162,008	10,391	9,928
22	4	98 790	48 879,915	1 264 451,721	25,869	25,405	72	54	70 834	7 082,024	70 640,266	9,975	9,511
23	5	98 725	47 310,527	1 215 571,806	25,693	25,230	73	55	68 694	6 651,867	63 558,242	9,555	9,091
24	6	98 664	45 792,750	1 168 261,279	25,512	25,048	74	56	66 407	6 228,035	56 906,375	9,137	8,674
25	7	98 600	44 322,654	1 122 468,529	25,325	24,861	75	57	63 916	5 805,723	50 678,340	8,729	8,265
26	8	98 537	42 900,244	1 078 145,875	25,131	24,668	76	58	61 277	5 390,834	44 872,617	8,324	7,860
27	9	98 473	41 522,673	1 035 245,631	24,932	24,468	77	59	58 468	4 981,776	39 481,783	7,925	7,462
28	10	98 404	40 187,436	993 722,959	24,727	24,264	78	60	55 472	4 577,700	34 500,007	7,537	7,073
29	11	98 338	38 896,307	953 535,522	24,515	24,051	79	61	52 259	4 176,792	29 922,307	7,164	6,700
30	12	98 265	37 644,184	914 639,216	24,297	23,833	80	62	48 900	3 785,356	25 745,516	6,801	6,338
31	13	98 194	36 432,995	876 995,031	24,071	23,608	81	63	45 431	3 406,087	21 960,160	6,447	5,984
32	14	98 116	35 257,850	840 562,036	23,840	23,377	82	64	41 837	3 037,933	18 554,073	6,107	5,644
33	15	98 033	34 119,238	805 304,186	23,603	23,139	83	65	38 194	2 686,070	15 516,140	5,777	5,313
34	16	97 946	33 015,889	771 184,948	23,358	22,894	84	66	34 564	2 354,305	12 830,070	5,450	4,986
35	17	97 853	31 946,368	738 169,059	23,107	22,643	85	67	30 904	2 038,712	10 475,765	5,138	4,675
36	18	97 755	30 909,841	706 222,691	22,848	22,384	86	68	27 295	1 743,963	8 437,053	4,838	4,374
37	19	97 647	29 903,691	675 312,850	22,583	22,119	87	69	23 762	1 470,420	6 693,090	4,552	4,088
38	20	97 534	28 928,954	645 409,159	22,310	21,847	88	70	20 330	1 218,445	5 222,670	4,286	3,823
39	21	97 405	27 981,347	616 480,205	22,032	21,568	89	71	17 114	993,410	4 004,225	4,031	3,567
40	22	97 273	27 063,802	588 498,858	21,745	21,281	90	72	14 068	790,888	3 010,816	3,807	3,343
41	23	97 126	26 172,416	561 435,056	21,451	20,988	91	73	11 424	622,043	2 219,928	3,569	3,105
42	24	96 971	25 308,085	535 262,640	21,150	20,686	92	74	8 993	474,240	1 597,884	3,369	2,906
43	25	96 803	24 469,028	509 954,555	20,841	20,377	93	75	6 916	353,242	1 123,645	3,181	2,717
44	26	96 609	23 651,352	485 485,527	20,527	20,063	94	76	5 179	256,221	770,403	3,007	2,543
45	27	96 394	22 855,897	461 834,175	20,206	19,743	95	77	3 772	180,701	514,181	2,845	2,382
46	28	96 155	22 081,496	438 978,278	19,880	19,416	96	78	2 666	123,718	333,481	2,695	2,232
47	29	95 893	21 328,143	416 896,782	19,547	19,083	97	79	1 825	82,026	209,763	2,557	2,094
48	30	95 589	20 591,257	395 568,639	19,211	18,747	98	80	1 208	52,598	127,737	2,429	1,965
49	31	95 255	19 873,517	374 977,382	18,868	18,405	99	81	772	32,534	75,140	2,310	1,846
							100	82	475	19,378	42,605	2,199	1,735

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
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11						
12						
13						
14						
15						
16						
17						
18						
19	0	99 310	54 085,464	1 422 038,715	26,292	25,829
20	1	98 948	52 192,351	1 367 953,251	26,210	25,746
21	2	98 869	50 508,966	1 315 760,900	26,050	25,586
22	3	98 801	48 885,377	1 265 251,934	25,882	25,418
23	4	98 737	47 316,166	1 216 366,557	25,707	25,244
24	5	98 674	45 797,379	1 169 050,390	25,527	25,063
25	6	98 609	44 326,514	1 123 253,012	25,340	24,877
26	7	98 546	42 903,926	1 078 926,497	25,148	24,684
27	8	98 480	41 525,731	1 036 022,571	24,949	24,485
28	9	98 411	40 190,209	994 496,841	24,745	24,281
29	10	98 345	38 899,067	954 306,632	24,533	24,069
30	11	98 273	37 647,195	915 407,564	24,315	23,852
31	12	98 202	36 435,928	877 760,369	24,091	23,627
32	13	98 124	35 261,009	841 324,441	23,860	23,396
33	14	98 043	34 122,936	806 063,432	23,622	23,159
34	15	97 958	33 020,042	771 940,496	23,378	22,914
35	16	97 868	31 951,285	738 920,454	23,126	22,663
36	17	97 771	30 914,802	706 969,169	22,868	22,405
37	18	97 669	29 910,522	676 054,367	22,603	22,139
38	19	97 554	28 934,930	646 143,844	22,331	21,867
39	20	97 427	27 987,560	617 208,914	22,053	21,589
40	21	97 293	27 069,467	589 221,354	21,767	21,303
41	22	97 148	26 178,289	562 151,886	21,474	21,010
42	23	96 993	25 313,871	535 973,598	21,173	20,709
43	24	96 823	24 473,975	510 659,726	20,865	20,402
44	25	96 630	23 656,556	486 185,752	20,552	20,088
45	26	96 417	22 861,307	462 529,195	20,232	19,768
46	27	96 181	22 087,430	439 667,888	19,906	19,442
47	28	95 917	21 333,537	417 580,458	19,574	19,110
48	29	95 616	20 597,167	396 246,921	19,238	18,774
49	30	95 282	19 879,143	375 649,754	18,897	18,433
50	31	94 914	19 178,977	355 770,610	18,550	18,086
51	32	94 505	18 495,377	336 591,633	18,199	17,735
52	33	94 025	17 822,130	318 096,256	17,848	17,385
53	34	93 520	17 168,454	300 274,126	17,490	17,026
54	35	92 964	16 529,236	283 105,672	17,128	16,664
55	36	92 352	15 903,475	266 576,436	16,762	16,299
56	37	91 683	15 291,394	250 672,961	16,393	15,929
57	38	90 966	14 694,267	235 381,567	16,019	15,555
58	39	90 184	14 109,380	220 687,300	15,641	15,178
59	40	89 332	13 536,122	206 577,921	15,261	14,798
60	41	88 417	12 975,766	193 041,799	14,877	14,413
61	42	87 428	12 426,762	180 066,033	14,490	14,027
62	43	86 375	11 890,632	167 639,271	14,098	13,635
63	44	85 252	11 366,636	155 748,639	13,702	13,239
64	45	84 080	10 857,450	144 382,003	13,298	12,834
65	46	82 789	10 354,303	133 524,553	12,896	12,432
66	47	81 428	9 863,446	123 170,250	12,488	12,024
67	48	79 950	9 379,595	113 306,804	12,080	11,617
68	49	78 382	8 906,147	103 927,209	11,669	11,206
69	50	76 722	8 443,228	95 021,062	11,254	10,790
70	51	74 950	7 988,566	86 577,833	10,838	10,374
71	52	73 065	7 542,449	78 589,267	10,420	9,956
72	53	71 048	7 103,380	71 046,818	10,002	9,538
73	54	68 914	6 673,163	63 943,438	9,582	9,119
74	55	66 643	6 250,180	57 270,275	9,163	8,699
75	56	64 158	5 827,706	51 020,095	8,755	8,291
76	57	61 523	5 412,466	45 192,389	8,350	7,886
77	58	58 727	5 003,855	39 779,924	7,950	7,486
78	59	55 735	4 599,418	34 776,069	7,561	7,097
79	60	52 542	4 199,424	30 176,651	7,186	6,722
80	61	49 183	3 807,235	25 977,227	6,823	6,359
81	62	45 719	3 427,708	22 169,992	6,468	6,004
82	63	42 121	3 058,541	18 742,284	6,128	5,664
83	64	38 477	2 705,957	15 683,743	5,796	5,332
84	65	34 836	2 372,836	12 977,786	5,469	5,006
85	66	31 170	2 056,302	10 604,950	5,157	4,694
86	67	27 547	1 760,036	8 548,648	4,857	4,393
87	68	23 995	1 484,839	6 788,612	4,572	4,108
88	69	20 548	1 231,525	5 303,773	4,307	3,843
89	70	17 315	1 005,073	4 072,247	4,052	3,588
90	71	14 251	801,205	3 067,174	3,828	3,365
91	72	11 592	631,181	2 265,969	3,590	3,126
92	73	9 141	482,079	1 634,787	3,391	2,927
93	74	7 047	359,939	1 152,708	3,203	2,739
94	75	5 293	261,840	792,769	3,028	2,564
95	76	3 866	185,238	530,929	2,866	2,403
96	77	2 742	127,246	345,691	2,717	2,253
97	78	1 886	84,743	218,445	2,578	2,114
98	79	1 254	54,579	133,702	2,450	1,986
99	80	805	33,952	79,123	2,330	1,867
100	81	498	20,346	45,171	2,220	1,757

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	30	94 940	19 184,407	356 380,625	18,577	18,113
1							51	31	94 534	18 500,965	337 196,219	18,226	17,762
2							52	32	94 058	17 828,450	318 695,254	17,876	17,412
3							53	33	93 554	17 174,734	300 866,804	17,518	17,054
4							54	34	93 004	16 536,260	283 692,070	17,156	16,692
5							55	35	92 389	15 909,803	267 155,810	16,792	16,328
6							56	36	91 727	15 298,664	251 246,006	16,423	15,959
7							57	37	91 015	14 702,113	235 947,343	16,049	15,585
8							58	38	90 235	14 117,239	221 245,230	15,672	15,208
9							59	39	89 391	13 545,083	207 127,991	15,292	14,828
10							60	40	88 480	12 984,936	193 582,908	14,908	14,445
11							61	41	87 498	12 436,730	180 597,972	14,521	14,058
12							62	42	86 452	11 901,225	168 161,242	14,130	13,666
13							63	43	85 340	11 378,287	156 260,017	13,733	13,270
14							64	44	84 174	10 869,659	144 881,730	13,329	12,865
15							65	45	82 895	10 367,462	134 012,072	12,926	12,463
16							66	46	81 543	9 877,364	123 644,610	12,518	12,054
17							67	47	80 081	9 394,957	113 767,246	12,109	11,646
18							68	48	78 520	8 921,925	104 372,289	11,698	11,235
19							69	49	76 881	8 460,637	95 450,364	11,282	10,818
20	0	99 261	52 357,417	1 368 872,609	26,145	25,681	70	50	75 116	8 006,203	86 989,726	10,865	10,402
21	1	98 895	50 522,302	1 316 515,192	26,058	25,594	71	51	73 244	7 560,949	78 983,523	10,446	9,983
22	2	98 815	48 892,659	1 265 992,889	25,893	25,430	72	52	71 243	7 122,935	71 422,574	10,027	9,564
23	3	98 748	47 321,453	1 217 100,230	25,720	25,256	73	53	69 122	6 693,286	64 299,638	9,607	9,143
24	4	98 686	45 802,838	1 169 778,776	25,539	25,076	74	54	66 857	6 270,190	57 606,352	9,187	8,724
25	5	98 619	44 330,995	1 123 975,939	25,354	24,891	75	55	64 386	5 848,428	51 336,162	8,778	8,314
26	6	98 554	42 907,663	1 079 644,944	25,162	24,698	76	56	61 756	5 432,960	45 487,734	8,373	7,909
27	7	98 489	41 529,295	1 036 737,281	24,964	24,500	77	57	58 963	5 023,933	40 054,775	7,973	7,509
28	8	98 418	40 193,169	995 207,986	24,761	24,297	78	58	55 982	4 619,802	35 030,841	7,583	7,119
29	9	98 351	38 901,751	955 014,817	24,549	24,086	79	59	52 791	4 219,348	30 411,039	7,208	6,744
30	10	98 280	37 649,867	916 113,066	24,332	23,869	80	60	49 449	3 827,865	26 191,692	6,842	6,379
31	11	98 210	36 438,842	878 463,199	24,108	23,644	81	61	45 983	3 447,520	22 363,827	6,487	6,023
32	12	98 132	35 263,847	842 024,357	23,878	23,414	82	62	42 388	3 077,955	18 916,307	6,146	5,682
33	13	98 052	34 125,993	806 760,509	23,641	23,177	83	63	38 738	2 724,313	15 838,352	5,814	5,350
34	14	97 969	33 023,622	772 634,516	23,396	22,933	84	64	35 094	2 390,404	13 114,039	5,486	5,022
35	15	97 880	31 955,304	739 610,894	23,145	22,682	85	65	31 416	2 072,488	10 723,634	5,174	4,711
36	16	97 786	30 919,560	707 655,590	22,887	22,423	86	66	27 784	1 775,222	8 651,146	4,873	4,410
37	17	97 685	29 915,323	676 736,030	22,622	22,158	87	67	24 216	1 498,526	6 875,924	4,588	4,125
38	18	97 576	28 941,541	646 820,707	22,349	21,886	88	68	20 749	1 243,602	5 377,400	4,324	3,860
39	19	97 447	27 993,342	617 879,166	22,072	21,609	89	69	17 501	1 015,863	4 133,799	4,069	3,606
40	20	97 315	27 075,478	589 885,824	21,787	21,323	90	70	14 418	810,612	3 117,935	3,846	3,383
41	21	97 168	26 183,769	562 810,346	21,495	21,031	91	71	11 743	639,415	2 307,323	3,608	3,145
42	22	97 015	25 319,551	536 626,578	21,194	20,731	92	72	9 275	489,161	1 667,908	3,410	2,946
43	23	96 845	24 479,570	511 307,026	20,887	20,423	93	73	7 163	365,889	1 178,747	3,222	2,758
44	24	96 650	23 661,339	486 827,456	20,575	20,111	94	74	5 393	266,804	812,858	3,047	2,583
45	25	96 438	22 866,337	463 166,117	20,255	19,792	95	75	3 951	189,300	546,054	2,885	2,421
46	26	96 203	22 092,659	440 299,780	19,930	19,466	96	76	2 811	130,441	356,754	2,735	2,271
47	27	95 943	21 339,270	418 207,121	19,598	19,134	97	77	1 939	87,159	226,313	2,597	2,133
48	28	95 640	20 602,377	396 867,851	19,263	18,800	98	78	1 295	56,387	139,154	2,468	2,004
49	29	95 309	19 884,849	376 265,474	18,922	18,459	99	79	836	35,231	82,766	2,349	1,886
							100	80	520	21,233	47,535	2,239	1,775

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	29	94 968	19 189,913	356 939,161	18,600	18,137
1							51	30	94 561	18 506,203	337 749,249	18,251	17,787
2							52	31	94 087	17 833,836	319 243,046	17,901	17,437
3							53	32	93 587	17 180,824	301 409,210	17,543	17,080
4							54	33	93 038	16 542,309	284 228,386	17,182	16,718
5							55	34	92 428	15 916,564	267 686,077	16,818	16,354
6							56	35	91 763	15 304,751	251 769,513	16,450	15,987
7							57	36	91 058	14 709,103	236 464,761	16,076	15,612
8							58	37	90 283	14 124,777	221 755,659	15,700	15,236
9							59	38	89 441	13 552,628	207 630,882	15,320	14,857
10							60	39	88 538	12 993,532	194 078,254	14,937	14,473
11							61	40	87 560	12 445,519	181 084,722	14,550	14,087
12							62	41	86 521	11 910,772	168 639,203	14,159	13,695
13							63	42	85 416	11 388,423	156 728,431	13,762	13,298
14							64	43	84 261	10 880,800	145 340,008	13,357	12,894
15							65	44	82 988	10 379,119	134 459,208	12,955	12,491
16							66	45	81 646	9 889,917	124 080,089	12,546	12,082
17							67	46	80 194	9 408,215	114 190,172	12,137	11,674
18							68	47	78 649	8 936,537	104 781,958	11,725	11,261
19							69	48	77 017	8 475,626	95 845,420	11,308	10,845
20							70	49	75 271	8 022,711	87 369,794	10,890	10,427
21	0	99 208	50 682,087	1 317 367,562	25,993	25,529	71	50	73 405	7 577,643	79 347,083	10,471	10,008
22	1	98 842	48 905,569	1 266 685,475	25,901	25,437	72	51	71 418	7 140,406	71 769,440	10,051	9,588
23	2	98 763	47 328,503	1 217 779,906	25,730	25,267	73	52	69 312	6 711,712	64 629,034	9,629	9,166
24	3	98 697	45 807,956	1 170 451,403	25,551	25,088	74	53	67 058	6 289,098	57 917,321	9,209	8,746
25	4	98 630	44 336,279	1 124 643,447	25,366	24,903	75	54	64 592	5 867,151	51 628,223	8,800	8,336
26	5	98 564	42 912,000	1 080 307,168	25,175	24,711	76	55	61 976	5 452,278	45 761,072	8,393	7,929
27	6	98 497	41 532,912	1 037 395,168	24,978	24,514	77	56	59 186	5 042,956	40 308,794	7,993	7,529
28	7	98 426	40 196,619	995 862,256	24,775	24,311	78	57	56 207	4 638,340	35 265,838	7,603	7,139
29	8	98 359	38 904,616	955 665,637	24,564	24,101	79	58	53 025	4 238,047	30 627,498	7,227	6,763
30	9	98 287	37 652,464	916 761,021	24,348	23,884	80	59	49 684	3 846,026	26 389,451	6,861	6,398
31	10	98 217	36 441,429	879 108,557	24,124	23,660	81	60	46 233	3 466,200	22 543,425	6,504	6,040
32	11	98 140	35 266,667	842 667,128	23,894	23,431	82	61	42 633	3 095,746	19 077,225	6,162	5,699
33	12	98 060	34 128,741	807 400,461	23,657	23,194	83	62	38 983	2 741,606	15 981,479	5,829	5,366
34	13	97 977	33 026,580	773 271,720	23,414	22,950	84	63	35 332	2 406,620	13 239,873	5,501	5,038
35	14	97 891	31 958,768	740 245,140	23,163	22,699	85	64	31 648	2 087,833	10 833,253	5,189	4,725
36	15	97 798	30 923,450	708 286,372	22,905	22,441	86	65	28 003	1 789,195	8 745,420	4,888	4,424
37	16	97 700	29 919,927	677 362,922	22,639	22,176	87	66	24 425	1 511,453	6 956,225	4,602	4,139
38	17	97 592	28 946,186	647 442,995	22,367	21,904	88	67	20 941	1 255,063	5 444,772	4,338	3,875
39	18	97 469	27 999,738	618 496,809	22,089	21,626	89	68	17 672	1 025,825	4 189,709	4,084	3,621
40	19	97 335	27 081,071	590 497,072	21,805	21,341	90	69	14 573	819,315	3 163,884	3,862	3,398
41	20	97 190	26 189,582	563 416,000	21,513	21,049	91	70	11 881	646,923	2 344,570	3,624	3,161
42	21	97 035	25 324,852	537 226,418	21,213	20,750	92	71	9 396	495,542	1 697,647	3,426	2,962
43	22	96 867	24 485,063	511 901,566	20,907	20,443	93	72	7 269	371,264	1 202,105	3,238	2,774
44	23	96 672	23 666,749	487 416,503	20,595	20,131	94	73	5 483	271,215	830,841	3,063	2,600
45	24	96 458	22 870,960	463 749,754	20,277	19,813	95	74	4 026	192,889	559,626	2,901	2,438
46	25	96 225	22 097,520	440 878,794	19,952	19,488	96	75	2 873	133,301	366,737	2,751	2,288
47	26	95 966	21 344,322	418 781,274	19,620	19,157	97	76	1 988	89,348	233,436	2,613	2,149
48	27	95 666	20 607,913	397 436,953	19,286	18,822	98	77	1 332	57,995	144,088	2,484	2,021
49	28	95 333	19 889,878	376 829,040	18,946	18,482	99	78	863	36,398	86,093	2,365	1,902
							100	79	540	22,033	49,694	2,255	1,792

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	28	94 992	19 194,766	357 450,261	18,622	18,159
1							51	29	94 588	18 511,514	338 255,494	18,273	17,809
2							52	30	94 113	17 838,885	319 743,981	17,924	17,460
3							53	31	93 616	17 186,014	301 905,095	17,567	17,103
4							54	32	93 071	16 548,175	284 719,081	17,205	16,742
5							55	33	92 462	15 922,386	268 170,906	16,842	16,379
6							56	34	91 802	15 311,255	252 248,520	16,475	16,011
7							57	35	91 095	14 714,956	236 937,265	16,102	15,638
8							58	36	90 326	14 131,492	222 222,309	15,725	15,262
9							59	37	89 489	13 559,865	208 090,817	15,346	14,882
10							60	38	88 588	13 000,770	194 530,952	14,963	14,499
11							61	39	87 618	12 453,758	181 530,182	14,576	14,113
12							62	40	86 583	11 919,189	169 076,425	14,185	13,722
13							63	41	85 484	11 397,558	157 157,235	13,789	13,325
14							64	42	84 336	10 890,493	145 759,677	13,384	12,920
15							65	43	83 073	10 389,757	134 869,183	12,981	12,517
16							66	44	81 738	9 901,037	124 479,426	12,572	12,109
17							67	45	80 296	9 420,171	114 578,389	12,163	11,699
18							68	46	78 760	8 949,147	105 158,218	11,751	11,287
19							69	47	77 143	8 489,507	96 209,070	11,333	10,869
20							70	48	75 404	8 036,924	87 719,563	10,915	10,451
21							71	49	73 557	7 593,267	79 682,639	10,494	10,030
22	0	99 154	49 060,240	1 267 476,053	25,835	25,371	72	50	71 576	7 156,172	72 089,372	10,074	9,610
23	1	98 789	47 340,999	1 218 415,812	25,737	25,273	73	51	69 482	6 728,175	64 933,200	9,651	9,187
24	2	98 711	45 814,780	1 171 074,813	25,561	25,097	74	52	67 243	6 306,411	58 205,026	9,230	8,766
25	3	98 641	44 341,233	1 125 260,034	25,377	24,914	75	53	64 787	5 884,844	51 898,614	8,819	8,355
26	4	98 576	42 917,115	1 080 918,800	25,186	24,723	76	54	62 174	5 469,733	46 013,770	8,412	7,949
27	5	98 507	41 537,111	1 038 001,685	24,990	24,526	77	55	59 397	5 060,888	40 544,036	8,011	7,548
28	6	98 435	40 200,120	996 464,575	24,788	24,324	78	56	56 419	4 655,903	35 483,149	7,621	7,157
29	7	98 367	38 907,955	956 264,455	24,578	24,114	79	57	53 238	4 255,053	30 827,246	7,245	6,781
30	8	98 294	37 655,237	917 356,500	24,362	23,898	80	58	49 904	3 863,071	26 572,193	6,879	6,415
31	9	98 224	36 443,943	879 701,262	24,138	23,675	81	59	46 452	3 482,645	22 709,122	6,521	6,057
32	10	98 147	35 269,170	843 257,319	23,909	23,446	82	60	42 864	3 112,520	19 226,477	6,177	5,714
33	11	98 068	34 131,470	807 988,149	23,673	23,209	83	61	39 209	2 757,453	16 113,957	5,844	5,380
34	12	97 985	33 029,239	773 856,679	23,429	22,966	84	62	35 557	2 421,896	13 356,504	5,515	5,051
35	13	97 900	31 961,631	740 827,440	23,179	22,715	85	63	31 863	2 101,996	10 934,608	5,202	4,738
36	14	97 809	30 926,802	708 865,809	22,921	22,457	86	64	28 210	1 802,442	8 832,612	4,900	4,437
37	15	97 712	29 923,691	677 939,007	22,656	22,192	87	65	24 617	1 523,350	7 030,170	4,615	4,151
38	16	97 607	28 950,641	648 015,316	22,383	21,920	88	66	21 121	1 265,892	5 506,820	4,350	3,887
39	17	97 485	28 004,231	619 064,675	22,106	21,642	89	67	17 835	1 035,279	4 240,928	4,096	3,633
40	18	97 357	27 087,258	591 060,444	21,821	21,357	90	68	14 716	827,349	3 205,649	3,875	3,411
41	19	97 210	26 194,993	563 973,186	21,530	21,066	91	69	12 008	653,868	2 378,300	3,637	3,174
42	20	97 057	25 330,475	537 778,193	21,230	20,767	92	70	9 507	501,360	1 724,433	3,440	2,976
43	21	96 887	24 490,189	512 447,718	20,925	20,461	93	71	7 364	376,107	1 223,072	3,252	2,788
44	22	96 694	23 672,059	487 957,529	20,613	20,150	94	72	5 563	275,199	846,965	3,078	2,614
45	23	96 480	22 876,189	464 285,470	20,296	19,832	95	73	4 092	196,077	571,766	2,916	2,452
46	24	96 244	22 101,987	441 409,281	19,971	19,508	96	74	2 927	135,829	375,688	2,766	2,302
47	25	95 987	21 349,018	419 307,293	19,641	19,177	97	75	2 032	91,307	239,860	2,627	2,163
48	26	95 688	20 612,791	397 958,276	19,306	18,843	98	76	1 366	59,451	148,553	2,499	2,035
49	27	95 359	19 895,223	377 345,484	18,967	18,503	99	77	888	37,436	89,102	2,380	1,916
							100	78	557	22,763	51,665	2,270	1,806

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
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19						
20						
21						
22						
23	0	99 101	47 490,722	1 219 149,351	25,671	25,208
24	1	98 737	45 826,876	1 171 658,628	25,567	25,103
25	2	98 656	44 347,839	1 125 831,752	25,386	24,923
26	3	98 587	42 921,911	1 081 483,913	25,197	24,733
27	4	98 519	41 542,062	1 038 562,003	25,000	24,537
28	5	98 445	40 204,183	997 019,941	24,799	24,335
29	6	98 376	38 911,344	956 815,758	24,590	24,126
30	7	98 302	37 658,470	917 904,414	24,374	23,911
31	8	98 231	36 446,627	880 245,944	24,152	23,688
32	9	98 154	35 271,604	843 799,317	23,923	23,459
33	10	98 075	34 133,893	808 527,714	23,687	23,223
34	11	97 993	33 031,880	774 393,821	23,444	22,980
35	12	97 908	31 964,204	741 361,940	23,194	22,730
36	13	97 817	30 929,572	709 397,736	22,936	22,472
37	14	97 722	29 926,355	678 468,164	22,671	22,207
38	15	97 619	28 954,283	648 541,229	22,399	21,935
39	16	97 500	28 008,541	619 586,946	22,121	21,658
40	17	97 373	27 091,606	591 578,405	21,836	21,373
41	18	97 232	26 200,977	564 486,800	21,544	21,081
42	19	97 077	25 335,708	538 285,822	21,246	20,783
43	20	96 908	24 495,627	512 950,115	20,940	20,477
44	21	96 714	23 677,015	488 454,488	20,630	20,166
45	22	96 501	22 881,322	464 777,474	20,313	19,849
46	23	96 266	22 107,041	441 896,151	19,989	19,525
47	24	96 006	21 353,334	419 789,111	19,659	19,196
48	25	95 710	20 617,327	398 435,776	19,325	18,862
49	26	95 382	19 899,933	377 818,450	18,986	18,522
50	27	95 017	19 199,924	357 918,517	18,642	18,178
51	28	94 612	18 516,196	338 718,592	18,293	17,829
52	29	94 140	17 844,005	320 202,396	17,945	17,481
53	30	93 642	17 190,880	302 358,391	17,588	17,125
54	31	93 099	16 553,174	285 167,511	17,227	16,764
55	32	92 494	15 928,032	268 614,337	16,864	16,401
56	33	91 836	15 316,856	252 686,305	16,497	16,034
57	34	91 133	14 721,209	237 369,449	16,124	15,661
58	35	90 362	14 137,116	222 648,240	15,749	15,286
59	36	89 531	13 566,311	208 511,124	15,370	14,906
60	37	88 635	13 007,712	194 944,813	14,987	14,523
61	38	87 667	12 460,695	181 937,101	14,601	14,137
62	39	86 640	11 927,080	169 476,407	14,209	13,746
63	40	85 545	11 405,613	157 549,327	13,813	13,350
64	41	84 403	10 899,229	146 143,713	13,409	12,945
65	42	83 147	10 399,013	135 244,484	13,006	12,542
66	43	81 822	9 911,185	124 845,471	12,596	12,133
67	44	80 386	9 430,763	114 934,285	12,187	11,724
68	45	78 860	8 960,520	105 503,522	11,774	11,311
69	46	77 252	8 501,487	96 543,002	11,356	10,892
70	47	75 527	8 050,087	88 041,515	10,937	10,473
71	48	73 687	7 606,719	79 991,428	10,516	10,052
72	49	71 723	7 170,927	72 384,709	10,094	9,631
73	50	69 635	6 743,030	65 213,782	9,671	9,208
74	51	67 408	6 321,880	58 470,752	9,249	8,785
75	52	64 966	5 901,045	52 148,873	8,837	8,374
76	53	62 362	5 486,228	46 247,828	8,430	7,966
77	54	59 587	5 077,090	40 761,600	8,029	7,565
78	55	56 620	4 672,458	35 684,510	7,637	7,174
79	56	53 439	4 271,164	31 012,052	7,261	6,797
80	57	50 104	3 878,572	26 740,887	6,895	6,431
81	58	46 658	3 498,080	22 862,315	6,536	6,072
82	59	43 068	3 127,287	19 364,236	6,192	5,728
83	60	39 421	2 772,394	16 236,948	5,857	5,393
84	61	35 762	2 435,895	13 464,554	5,528	5,064
85	62	32 065	2 115,338	11 028,660	5,214	4,750
86	63	28 402	1 814,669	8 913,321	4,912	4,448
87	64	24 799	1 534,629	7 098,652	4,626	4,162
88	65	21 288	1 275,856	5 564,023	4,361	3,897
89	66	17 989	1 044,212	4 288,167	4,107	3,643
90	67	14 852	834,974	3 243,956	3,885	3,421
91	68	12 126	660,279	2 408,982	3,648	3,185
92	69	9 609	506,743	1 748,702	3,451	2,987
93	70	7 450	380,523	1 241,960	3,264	2,800
94	71	5 636	278,789	861,436	3,090	2,626
95	72	4 153	198,958	582,647	2,928	2,465
96	73	2 975	138,074	383,689	2,779	2,315
97	74	2 070	93,038	245,616	2,640	2,176
98	75	1 396	60,755	152,577	2,511	2,048
99	76	910	38,376	91,822	2,393	1,929
100	77	573	23,412	53,446	2,283	1,819

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	26	95 040	19 204,469	358 347,211	18,660	18,196
1							51	27	94 637	18 521,172	339 142,742	18,311	17,847
2							52	28	94 164	17 848,519	320 621,570	17,963	17,500
3							53	29	93 669	17 195,814	302 773,051	17,607	17,144
4							54	30	93 125	16 557,860	285 577,238	17,247	16,784
5							55	31	92 522	15 932,844	269 019,377	16,885	16,421
6							56	32	91 869	15 322,287	253 086,533	16,518	16,054
7							57	33	91 167	14 726,594	237 764,246	16,145	15,682
8							58	34	90 400	14 143,123	223 037,652	15,770	15,306
9							59	35	89 567	13 571,710	208 894,529	15,392	14,928
10							60	36	88 677	13 013,896	195 322,819	15,009	14,545
11							61	37	87 714	12 467,348	182 308,923	14,623	14,159
12							62	38	86 688	11 933,724	169 841,575	14,232	13,768
13							63	39	85 601	11 413,164	157 907,851	13,836	13,372
14							64	40	84 463	10 906,932	146 494,688	13,431	12,968
15							65	41	83 214	10 407,355	135 587,756	13,028	12,564
16							66	42	81 895	9 920,015	125 180,401	12,619	12,155
17							67	43	80 468	9 440,430	115 260,386	12,209	11,746
18							68	44	78 949	8 970,596	105 819,956	11,796	11,333
19							69	45	77 350	8 512,291	96 849,360	11,378	10,914
20							70	46	75 634	8 061,446	88 337,069	10,958	10,494
21							71	47	73 808	7 619,177	80 275,623	10,536	10,072
22							72	48	71 850	7 183,631	72 656,446	10,114	9,651
23							73	49	69 779	6 756,933	65 472,815	9,690	9,226
24	0	99 050	45 971,811	1 172 339,483	25,501	25,038	74	50	67 557	6 335,838	58 715,882	9,267	8,804
25	1	98 682	44 359,548	1 126 367,672	25,392	24,928	75	51	65 125	5 915,519	52 380,044	8,855	8,391
26	2	98 602	42 928,305	1 082 008,124	25,205	24,741	76	52	62 533	5 501,331	46 464,525	8,446	7,982
27	3	98 530	41 546,704	1 039 079,819	25,010	24,546	77	53	59 766	5 092,400	40 963,194	8,044	7,580
28	4	98 457	40 208,975	997 533,116	24,809	24,345	78	54	56 801	4 687,417	35 870,794	7,653	7,189
29	5	98 386	38 915,278	957 324,140	24,600	24,137	79	55	53 629	4 286,352	31 183,377	7,275	6,811
30	6	98 311	37 661,750	918 408,863	24,386	23,922	80	56	50 294	3 893,258	26 897,026	6,909	6,445
31	7	98 240	36 449,755	880 747,113	24,163	23,700	81	57	46 845	3 512,116	23 003,767	6,550	6,086
32	8	98 161	35 274,201	844 297,358	23,935	23,472	82	58	43 259	3 141,147	19 491,651	6,205	5,742
33	9	98 082	34 136,247	809 023,156	23,700	23,236	83	59	39 608	2 785,547	16 350,504	5,870	5,406
34	10	98 000	33 034,225	774 886,909	23,457	22,993	84	60	35 956	2 449,094	13 564,957	5,539	5,075
35	11	97 915	31 966,761	741 852,684	23,207	22,743	85	61	32 251	2 127,565	11 115,863	5,225	4,761
36	12	97 825	30 932,062	709 885,924	22,950	22,486	86	62	28 582	1 826,188	8 988,298	4,922	4,458
37	13	97 731	29 929,616	678 953,861	22,685	22,221	87	63	24 967	1 545,039	7 162,110	4,636	4,172
38	14	97 630	28 957,421	649 024,245	22,413	21,949	88	64	21 445	1 285,303	5 617,071	4,370	3,907
39	15	97 512	28 012,065	620 066,824	22,136	21,672	89	65	18 130	1 052,431	4 331,769	4,116	3,652
40	16	97 388	27 095,775	592 054,759	21,850	21,387	90	66	14 980	842,178	3 279,338	3,894	3,430
41	17	97 248	26 205,183	564 958,984	21,559	21,095	91	67	12 238	666,365	2 437,159	3,657	3,194
42	18	97 099	25 341,496	538 753,802	21,260	20,796	92	68	9 703	511,712	1 770,795	3,461	2,997
43	19	96 928	24 500,687	513 412,306	20,955	20,491	93	69	7 530	384,608	1 259,083	3,274	2,810
44	20	96 736	23 682,272	488 911,619	20,645	20,181	94	70	5 702	282,062	874,475	3,100	2,637
45	21	96 522	22 886,112	465 229,347	20,328	19,864	95	71	4 207	201,553	592,412	2,939	2,476
46	22	96 288	22 112,001	442 343,235	20,005	19,541	96	72	3 019	140,102	390,859	2,790	2,326
47	23	96 028	21 358,216	420 231,234	19,675	19,212	97	73	2 104	94,576	250,757	2,651	2,188
48	24	95 729	20 621,495	398 873,018	19,343	18,879	98	74	1 422	61,907	156,181	2,523	2,059
49	25	95 403	19 904,311	378 251,523	19,003	18,540	99	75	930	39,218	94,274	2,404	1,940
							100	76	588	24,000	55,056	2,294	1,830

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	25	95 061	19 208,695	358 739,600	18,676	18,212
1							51	26	94 660	18 525,556	339 530,905	18,328	17,864
2							52	27	94 189	17 853,315	321 005,349	17,980	17,517
3							53	28	93 693	17 200,163	303 152,034	17,625	17,161
4							54	29	93 152	16 562,613	285 951,871	17,265	16,801
5							55	30	92 549	15 937,355	269 389,258	16,903	16,439
6							56	31	91 896	15 326,916	253 451,903	16,536	16,073
7							57	32	91 199	14 731,816	238 124,987	16,164	15,700
8							58	33	90 433	14 148,296	223 393,171	15,789	15,326
9							59	34	89 605	13 577,477	209 244,875	15,411	14,948
10							60	35	88 712	13 019,074	195 667,398	15,029	14,566
11							61	36	87 755	12 473,276	182 648,323	14,643	14,180
12							62	37	86 734	11 940,096	170 175,048	14,252	13,789
13							63	38	85 649	11 419,521	158 234,952	13,857	13,393
14							64	39	84 519	10 914,152	146 815,431	13,452	12,988
15							65	40	83 272	10 414,710	135 901,279	13,049	12,585
16							66	41	81 960	9 927,972	125 486,569	12,640	12,176
17							67	42	80 540	9 448,840	115 558,596	12,230	11,766
18							68	43	79 030	8 979,791	106 109,756	11,817	11,353
19							69	44	77 437	8 521,862	97 129,966	11,398	10,934
20							70	45	75 730	8 071,691	88 608,103	10,978	10,514
21							71	46	73 912	7 629,929	80 536,412	10,555	10,092
22							72	47	71 968	7 195,396	72 906,484	10,132	9,669
23							73	48	69 903	6 768,904	65 711,088	9,708	9,244
24							74	49	67 696	6 348,901	58 942,184	9,284	8,820
25	0	98 994	44 499,842	1 126 999,836	25,326	24,862	75	50	65 269	5 928,580	52 593,283	8,871	8,408
26	1	98 628	42 939,639	1 082 499,994	25,210	24,746	76	51	62 687	5 514,825	46 664,703	8,462	7,998
27	2	98 545	41 552,893	1 039 560,355	25,018	24,554	77	52	59 931	5 106,420	41 149,878	8,058	7,595
28	3	98 468	40 213,469	998 007,462	24,818	24,354	78	53	56 973	4 701,552	36 043,459	7,666	7,203
29	4	98 397	38 919,916	957 793,993	24,609	24,146	79	54	53 801	4 300,074	31 341,907	7,289	6,825
30	5	98 321	37 665,557	918 874,077	24,396	23,932	80	55	50 473	3 907,102	27 041,833	6,921	6,458
31	6	98 248	36 452,930	881 208,521	24,174	23,710	81	56	47 022	3 525,415	23 134,731	6,562	6,099
32	7	98 169	35 277,229	844 755,591	23,946	23,483	82	57	43 432	3 153,751	19 609,316	6,218	5,754
33	8	98 089	34 138,762	809 478,362	23,711	23,248	83	58	39 784	2 797,893	16 455,565	5,881	5,418
34	9	98 007	33 036,504	775 339,600	23,469	23,006	84	59	36 127	2 460,713	13 657,673	5,550	5,087
35	10	97 922	31 969,029	742 303,096	23,219	22,756	85	60	32 425	2 139,093	11 196,959	5,234	4,771
36	11	97 833	30 934,536	710 334,067	22,962	22,499	86	61	28 747	1 836,743	9 057,866	4,931	4,468
37	12	97 739	29 932,025	679 399,531	22,698	22,234	87	62	25 126	1 554,847	7 221,123	4,644	4,181
38	13	97 638	28 960,016	649 467,505	22,426	21,963	88	63	21 591	1 294,021	5 666,276	4,379	3,915
39	14	97 522	28 015,101	620 507,490	22,149	21,685	89	64	18 265	1 060,223	4 372,255	4,124	3,660
40	15	97 400	27 099,184	592 492,389	21,864	21,400	90	65	15 098	848,807	3 312,032	3,902	3,438
41	16	97 263	26 209,215	565 393,205	21,572	21,109	91	66	12 344	672,114	2 463,225	3,665	3,201
42	17	97 115	25 345,563	539 183,989	21,273	20,810	92	67	9 793	516,428	1 791,110	3,468	3,005
43	18	96 951	24 506,284	513 838,426	20,968	20,504	93	68	7 604	388,380	1 274,683	3,282	2,818
44	19	96 756	23 687,164	489 332,142	20,658	20,194	94	69	5 763	285,090	886,303	3,109	2,645
45	20	96 543	22 891,194	465 644,978	20,342	19,878	95	70	4 256	203,920	601,212	2,948	2,485
46	21	96 308	22 116,630	442 753,784	20,019	19,555	96	71	3 059	141,930	397,293	2,799	2,336
47	22	96 050	21 363,009	420 637,154	19,690	19,226	97	72	2 135	95,966	255,363	2,661	2,197
48	23	95 751	20 626,210	399 274,146	19,358	18,894	98	73	1 446	62,930	159,397	2,533	2,069
49	24	95 422	19 908,336	378 647,936	19,020	18,556	99	74	948	39,961	96,467	2,414	1,950
							100	75	601	24,526	56,506	2,304	1,840

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	0	100 000	100 000,000	2 670 428,345	26,704	26,240
1	1	99 299	95 941,226	2 570 428,345	26,792	26,328
2	2	99 240	92 642,045	2 474 487,119	26,710	26,246
3	3	99 207	89 478,998	2 381 845,075	26,619	26,155
4	4	99 182	86 431,458	2 292 366,077	26,522	26,058
5	5	99 157	83 487,614	2 205 934,619	26,422	25,958
6	6	99 136	80 647,494	2 122 447,005	26,318	25,854
7	7	99 117	77 905,266	2 041 799,510	26,209	25,745
8	8	99 101	75 258,127	1 963 894,244	26,095	25,631
9	9	99 085	72 701,755	1 888 636,116	25,978	25,514
10	10	99 070	70 232,880	1 815 934,361	25,856	25,392
11	11	99 055	67 846,975	1 745 701,481	25,730	25,266
12	12	99 038	65 541,766	1 677 854,506	25,600	25,136
13	13	99 019	63 313,234	1 612 312,740	25,466	25,002
14	14	98 999	61 159,944	1 548 999,507	25,327	24,863
15	15	98 974	59 076,460	1 487 839,563	25,185	24,721
16	16	98 944	57 061,365	1 428 763,103	25,039	24,575
17	17	98 903	55 108,955	1 371 701,738	24,891	24,427
18	18	98 853	53 218,787	1 316 592,783	24,739	24,275
19	19	98 783	51 382,622	1 263 373,996	24,588	24,124
20	20	98 714	49 610,536	1 211 991,374	24,430	23,966
21	21	98 639	47 896,468	1 162 380,839	24,269	23,805
22	22	98 566	46 242,092	1 114 484,371	24,101	23,637
23	23	98 491	44 644,591	1 068 242,279	23,928	23,464
24	24	98 417	43 102,466	1 023 597,688	23,748	23,284
25	25	98 342	41 613,178	980 495,222	23,562	23,098
26	26	98 266	40 175,041	938 882,044	23,370	22,906
27	27	98 186	38 784,730	898 707,003	23,172	22,708
28	28	98 098	37 439,389	859 922,273	22,968	22,504
29	29	98 014	36 142,444	822 482,884	22,757	22,293
30	30	97 921	34 887,260	786 340,440	22,539	22,075
31	31	97 831	33 676,394	751 453,180	22,314	21,850
32	32	97 732	32 504,535	717 776,786	22,082	21,618
33	33	97 625	31 371,138	685 272,251	21,844	21,380
34	34	97 515	30 276,067	653 901,113	21,598	21,134
35	35	97 396	29 216,621	623 625,046	21,345	20,881
36	36	97 276	28 193,688	594 408,426	21,083	20,619
37	37	97 144	27 203,351	566 214,737	20,814	20,350
38	38	97 000	26 244,477	539 011,387	20,538	20,074
39	39	96 839	25 315,010	512 766,910	20,255	19,791
40	40	96 664	24 414,706	487 451,900	19,966	19,501
41	41	96 472	23 542,188	463 037,194	19,668	19,204
42	42	96 263	22 696,718	439 495,006	19,364	18,900
43	43	96 030	21 876,169	416 798,288	19,053	18,589
44	44	95 760	21 077,101	394 922,119	18,737	18,273
45	45	95 463	20 301,008	373 845,018	18,415	17,951
46	46	95 130	19 546,215	353 544,009	18,088	17,624
47	47	94 761	18 811,973	333 997,794	17,755	17,291
48	48	94 333	18 093,718	315 185,821	17,420	16,956
49	49	93 864	17 394,968	297 092,103	17,079	16,615
50	50	93 336	16 712,041	279 697,135	16,736	16,272
51	51	92 757	16 046,870	262 985,094	16,389	15,925
52	52	92 093	15 393,115	246 938,224	16,042	15,578
53	53	91 380	14 757,497	231 545,108	15,690	15,226
54	54	90 602	14 137,116	216 787,612	15,335	14,871
55	55	89 754	13 531,141	202 650,496	14,977	14,513
56	56	88 831	12 939,100	189 119,355	14,616	14,152
57	57	87 851	12 363,605	176 180,254	14,250	13,786
58	58	86 796	11 802,052	163 816,649	13,880	13,416
59	59	85 653	11 252,798	152 014,597	13,509	13,045
60	60	84 435	10 717,665	140 761,799	13,134	12,670
61	61	83 107	10 192,393	130 044,135	12,759	12,295
62	62	81 707	9 681,812	119 851,742	12,379	11,915
63	63	80 218	9 183,965	110 169,930	11,996	11,532
64	64	78 670	8 702,174	100 985,965	11,605	11,141
65	65	76 991	8 228,458	92 283,791	11,215	10,751
66	66	75 240	7 769,325	84 055,333	10,819	10,355
67	67	73 362	7 319,275	76 286,009	10,423	9,959
68	68	71 392	6 881,893	68 966,734	10,021	9,557
69	69	69 345	6 458,519	62 084,841	9,613	9,149
70	70	67 172	6 044,539	55 626,321	9,203	8,739
71	71	64 881	5 640,935	49 581,782	8,790	8,326
72	72	62 449	5 245,883	43 940,847	8,376	7,912
73	73	59 876	4 859,696	38 694,964	7,962	7,498
74	74	57 144	4 481,130	33 835,268	7,551	7,087
75	75	54 182	4 105,127	29 354,138	7,151	6,687
76	76	51 034	3 735,895	25 249,010	6,758	6,294
77	77	47 712	3 374,610	21 513,115	6,375	5,911
78	78	44 221	3 021,911	18 138,505	6,002	5,538
79	79	40 542	2 676,816	15 116,594	5,647	5,183
80	80	36 771	2 345,710	12 439,778	5,303	4,839
81	81	32 943	2 030,453	10 094,068	4,971	4,507
82	82	29 089	1 732,307	8 063,616	4,655	4,191
83	83	25 277	1 454,397	6 331,309	4,353	3,889
84	84	21 610	1 201,313	4 876,912	4,060	3,596
85	85	18 078	971,025	3 675,599	3,785	3,321
86	86	14 781	767,064	2 704,574	3,526	3,062
87	87	11 769	590,126	1 937,510	3,283	2,819
88	88	9 075	439,662	1 347,384	3,065	2,601
89	89	6 784	317,551	907,722	2,859	2,394
90	90	4 850	219,336	590,171	2,691	2,227
91	91	3 378	147,591	370,835	2,513	2,049
92	92	2 223	93,831	223,244	2,379	1,915
93	93	1 412	57,601	129,413	2,247	1,783
94	94	857	33,766	71,813	2,127	1,663
95	95	495	18,851	38,047	2,018	1,554
96	96	272	9,998	19,196	1,920	1,456
97	97	141	5,023	9,198	1,831	1,367
98	98	69	2,385	4,175	1,751	1,287
99	99	32	1,067	1,790	1,678	1,214
100	100	14	0,449	0,723	1,612	1,148

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	1	99 685	99 684,731	2 666 630,066	26,751	26,287	50	51	93 130	16 675,225	276 862,348	16,603	16,139
1	2	99 273	95 915,901	2 566 945,335	26,762	26,298	51	52	92 530	16 007,607	260 187,123	16,254	15,790
2	3	99 226	92 628,246	2 471 029,434	26,677	26,213	52	53	91 840	15 350,856	244 179,516	15,907	15,443
3	4	99 196	89 469,000	2 378 401,188	26,584	26,119	53	54	91 105	14 713,127	228 828,661	15,553	15,089
4	5	99 170	86 421,157	2 288 932,187	26,486	26,022	54	55	90 313	14 092,001	214 115,533	15,194	14,730
5	6	99 147	83 479,176	2 202 511,030	26,384	25,920	55	56	89 436	13 483,198	200 023,532	14,835	14,371
6	7	99 128	80 640,471	2 119 031,854	26,278	25,813	56	57	88 496	12 890,292	186 540,334	14,471	14,007
7	8	99 109	77 898,580	2 038 391,384	26,167	25,703	57	58	87 500	12 314,193	173 650,043	14,102	13,638
8	9	99 093	75 252,585	1 960 492,803	26,052	25,588	58	59	86 413	11 749,978	161 335,849	13,731	13,267
9	10	99 078	72 696,740	1 885 240,219	25,933	25,469	59	60	85 248	11 199,662	149 585,872	13,356	12,892
10	11	99 063	70 227,896	1 812 543,479	25,809	25,345	60	61	83 980	10 659,903	138 386,210	12,982	12,518
11	12	99 047	67 841,550	1 742 315,583	25,682	25,218	61	62	82 629	10 133,821	127 726,307	12,604	12,140
12	13	99 030	65 536,490	1 674 474,033	25,550	25,086	62	63	81 191	9 620,742	117 592,486	12,223	11,759
13	14	99 010	63 307,562	1 608 937,544	25,415	24,951	63	64	79 678	9 122,084	107 971,744	11,836	11,372
14	15	98 989	61 153,315	1 545 629,981	25,275	24,811	64	65	78 092	8 638,218	98 849,660	11,443	10,979
15	16	98 961	59 069,029	1 484 476,667	25,131	24,667	65	66	76 390	8 164,195	90 211,442	11,050	10,586
16	17	98 928	57 052,585	1 425 407,638	24,984	24,520	66	67	74 596	7 702,864	82 047,247	10,652	10,188
17	18	98 887	55 100,112	1 368 355,053	24,834	24,370	67	68	72 692	7 252,433	74 344,383	10,251	9,787
18	19	98 831	53 206,631	1 313 254,942	24,682	24,218	68	69	70 699	6 815,065	67 091,950	9,845	9,381
19	20	98 763	51 372,009	1 260 048,311	24,528	24,064	69	70	68 609	6 389,920	60 276,884	9,433	8,969
20	21	98 693	49 599,523	1 208 676,301	24,369	23,905	70	71	66 392	5 974,394	53 886,964	9,020	8,556
21	22	98 619	47 886,443	1 159 076,779	24,205	23,741	71	72	64 045	5 568,296	47 912,570	8,605	8,141
22	23	98 543	46 231,718	1 111 190,335	24,035	23,571	72	73	61 545	5 169,935	42 344,274	8,190	7,726
23	24	98 469	44 634,386	1 064 958,617	23,860	23,396	73	74	58 903	4 780,671	37 174,340	7,776	7,312
24	25	98 397	43 093,753	1 020 324,230	23,677	23,213	74	75	56 081	4 397,748	32 393,668	7,366	6,902
25	26	98 321	41 604,024	977 230,477	23,489	23,025	75	76	53 019	4 017,060	27 995,921	6,969	6,505
26	27	98 243	40 165,533	935 626,453	23,294	22,830	76	77	49 784	3 644,393	23 978,881	6,580	6,116
27	28	98 160	38 774,310	895 460,920	23,094	22,630	77	78	46 390	3 281,053	20 334,488	6,198	5,734
28	29	98 073	37 429,922	856 686,610	22,888	22,424	78	79	42 803	2 925,004	17 053,435	5,830	5,366
29	30	97 986	36 132,074	819 256,688	22,674	22,210	79	80	39 070	2 579,632	14 128,432	5,477	5,013
30	31	97 894	34 877,386	783 124,614	22,454	21,990	80	81	35 235	2 247,740	11 548,800	5,138	4,674
31	32	97 801	33 666,223	748 247,228	22,225	21,761	81	82	31 375	1 933,823	9 301,060	4,810	4,346
32	33	97 697	32 493,013	714 581,005	21,992	21,528	82	83	27 485	1 636,780	7 367,237	4,501	4,037
33	34	97 589	31 359,667	682 087,992	21,750	21,286	83	84	23 692	1 363,189	5 730,457	4,204	3,740
34	35	97 474	30 263,207	650 728,325	21,502	21,038	84	85	20 047	1 114,439	4 367,268	3,919	3,455
35	36	97 358	29 205,000	620 465,119	21,245	20,781	85	86	16 582	890,668	3 252,829	3,652	3,188
36	37	97 230	28 180,290	591 260,119	20,981	20,517	86	87	13 388	694,789	2 362,160	3,400	2,936
37	38	97 092	27 188,833	563 079,829	20,710	20,246	87	88	10 495	526,220	1 667,372	3,169	2,705
38	39	96 946	26 229,866	535 890,996	20,431	19,967	88	89	7 966	385,897	1 141,151	2,957	2,493
39	40	96 775	25 298,263	509 661,130	20,146	19,682	89	90	5 824	272,612	755,254	2,770	2,306
40	41	96 596	24 397,463	484 362,867	19,853	19,389	90	91	4 099	185,384	482,642	2,603	2,139
41	42	96 395	23 523,319	459 965,404	19,554	19,090	91	92	2 778	121,366	297,259	2,449	1,985
42	43	96 177	22 676,516	436 442,085	19,246	18,782	92	93	1 802	76,076	175,892	2,312	1,848
43	44	95 932	21 853,769	413 765,568	18,933	18,469	93	94	1 119	45,663	99,817	2,186	1,722
44	45	95 653	21 053,428	391 911,799	18,615	18,151	94	95	663	26,136	54,154	2,072	1,608
45	46	95 341	20 275,242	370 858,371	18,291	17,827	95	96	374	14,232	28,016	1,969	1,504
46	47	94 996	19 518,672	350 583,129	17,961	17,497	96	97	200	7,351	13,784	1,875	1,411
47	48	94 606	18 781,214	331 064,457	17,627	17,163	97	98	101	3,593	6,433	1,790	1,326
48	49	94 166	18 061,721	312 283,244	17,290	16,826	98	99	48	1,657	2,840	1,714	1,250
49	50	93 671	17 359,175	294 221,523	16,949	16,485	99	100	22	0,719	1,183	1,645	1,181

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$\ddot{a}^{(12)}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$\ddot{a}^{(12)}_{xy}$
0	2	99 658	99 658,418	2 662 870,841	26,720	26,256	50	52	92 902	16 634,424	273 813,137	16,461	15,997
1	3	99 258	95 901,615	2 563 212,422	26,728	26,263	51	53	92 276	15 963,660	257 178,713	16,110	15,646
2	4	99 215	92 617,897	2 467 310,807	26,640	26,176	52	54	91 564	15 304,703	241 215,053	15,761	15,297
3	5	99 184	89 458,337	2 374 692,911	26,545	26,081	53	55	90 815	14 666,175	225 910,350	15,403	14,939
4	6	99 160	86 412,422	2 285 234,573	26,446	25,982	54	56	89 993	14 042,071	211 244,175	15,044	14,580
5	7	99 138	83 471,906	2 198 822,151	26,342	25,878	55	57	89 099	13 432,336	197 202,104	14,681	14,217
6	8	99 119	80 633,550	2 115 350,246	26,234	25,770	56	58	88 142	12 838,775	183 769,768	14,314	13,850
7	9	99 101	77 892,843	2 034 716,696	26,122	25,658	57	59	87 113	12 259,859	170 930,993	13,942	13,478
8	10	99 086	75 247,394	1 956 823,853	26,005	25,541	58	60	86 005	11 694,494	158 671,134	13,568	13,104
9	11	99 071	72 691,581	1 881 576,459	25,884	25,420	59	61	84 789	11 139,303	146 976,640	13,194	12,730
10	12	99 055	70 222,280	1 808 884,878	25,759	25,295	60	62	83 497	10 598,644	135 837,337	12,816	12,352
11	13	99 039	67 836,088	1 738 662,599	25,630	25,166	61	63	82 108	10 069,900	125 238,693	12,437	11,973
12	14	99 021	65 530,619	1 670 826,510	25,497	25,033	62	64	80 644	9 555,919	115 168,793	12,052	11,588
13	15	99 000	63 300,700	1 605 295,891	25,360	24,896	63	65	79 092	9 055,043	105 612,874	11,663	11,199
14	16	98 976	61 145,622	1 541 995,191	25,218	24,754	64	66	77 482	8 570,755	96 557,832	11,266	10,802
15	17	98 946	59 059,939	1 480 849,568	25,074	24,610	65	67	75 736	8 094,356	87 987,077	10,870	10,406
16	18	98 913	57 043,429	1 421 789,629	24,925	24,461	66	68	73 915	7 632,519	79 892,721	10,467	10,003
17	19	98 864	55 087,526	1 364 746,199	24,774	24,310	67	69	71 986	7 182,008	72 260,202	10,061	9,597
18	20	98 810	53 195,642	1 309 658,673	24,620	24,156	68	70	69 948	6 742,679	65 078,195	9,652	9,188
19	21	98 741	51 360,605	1 256 463,031	24,464	24,000	69	71	67 813	6 315,767	58 335,516	9,236	8,772
20	22	98 672	49 589,142	1 205 102,426	24,302	23,838	70	72	65 537	5 897,461	52 019,749	8,821	8,357
21	23	98 597	47 875,701	1 155 513,284	24,136	23,672	71	73	63 118	5 487,679	46 122,288	8,405	7,941
22	24	98 521	46 221,151	1 107 637,583	23,964	23,500	72	74	60 544	5 085,865	40 634,609	7,990	7,526
23	25	98 449	44 625,364	1 061 416,432	23,785	23,321	73	75	57 807	4 691,715	35 548,743	7,577	7,113
24	26	98 376	43 084,273	1 016 791,068	23,600	23,136	74	76	54 878	4 303,381	30 857,028	7,170	6,706
25	27	98 297	41 594,128	973 706,795	23,410	22,946	75	77	51 721	3 918,651	26 553,647	6,776	6,312
26	28	98 217	40 154,743	932 112,617	23,213	22,749	76	78	48 404	3 543,357	22 634,996	6,388	5,924
27	29	98 135	38 764,505	891 957,874	23,010	22,546	77	79	44 902	3 175,836	19 091,640	6,012	5,548
28	30	98 045	37 419,182	853 193,369	22,801	22,337	78	80	41 249	2 818,809	15 915,804	5,646	5,182
29	31	97 958	36 121,848	815 774,187	22,584	22,120	79	81	37 438	2 471,892	13 096,996	5,298	4,834
30	32	97 864	34 866,852	779 652,339	22,361	21,897	80	82	33 558	2 140,769	10 625,104	4,963	4,499
31	33	97 767	33 654,289	744 785,487	22,130	21,666	81	83	29 645	1 827,183	8 484,334	4,643	4,179
32	34	97 661	32 481,132	711 131,198	21,894	21,430	82	84	25 762	1 534,135	6 657,151	4,339	3,875
33	35	97 548	31 346,346	678 650,066	21,650	21,186	83	85	21 979	1 264,609	5 123,016	4,051	3,587
34	36	97 435	30 251,169	647 303,719	21,398	20,934	84	86	18 388	1 022,214	3 858,407	3,775	3,311
35	37	97 311	29 191,121	617 052,550	21,138	20,674	85	87	15 020	806,747	2 836,192	3,516	3,052
36	38	97 178	28 165,251	587 861,429	20,872	20,408	86	88	11 938	619,549	2 029,445	3,276	2,812
37	39	97 038	27 173,696	559 696,178	20,597	20,133	87	89	9 211	461,870	1 409,896	3,053	2,589
38	40	96 882	26 212,514	532 522,482	20,316	19,852	88	90	6 838	331,286	948,026	2,862	2,398
39	41	96 707	25 280,396	506 309,968	20,028	19,564	89	91	4 923	230,413	616,740	2,677	2,213
40	42	96 518	24 377,909	481 029,572	19,732	19,268	90	92	3 371	152,444	386,327	2,534	2,070
41	43	96 309	23 502,382	456 651,663	19,430	18,966	91	93	2 252	98,401	233,884	2,377	1,913
42	44	96 078	22 653,297	433 149,282	19,121	18,657	92	94	1 429	60,309	135,483	2,246	1,782
43	45	95 824	21 829,224	410 495,985	18,805	18,341	93	95	867	35,348	75,174	2,127	1,663
44	46	95 532	21 026,706	388 666,761	18,484	18,020	94	96	501	19,733	39,826	2,018	1,554
45	47	95 207	20 246,672	367 640,054	18,158	17,694	95	97	275	10,465	20,093	1,920	1,456
46	48	94 841	19 486,757	347 393,383	17,827	17,363	96	98	143	5,258	9,628	1,831	1,367
47	49	94 439	18 748,000	327 906,626	17,490	17,026	97	99	70	2,496	4,371	1,751	1,287
48	50	93 973	18 024,556	309 158,625	17,152	16,688	98	100	33	1,117	1,874	1,678	1,214
49	51	93 465	17 320,933	291 134,069	16,808	16,344							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$
0	3	99 644	99 643,575	2 658 848,022	26,684	26,220	50	53	92 647	16 588,756	270 541,222	16,309	15,845
1	4	99 247	95 890,900	2 559 204,447	26,689	26,225	51	54	91 999	15 915,665	253 952,466	15,956	15,492
2	5	99 203	92 606,858	2 463 313,547	26,600	26,136	52	55	91 271	15 255,862	238 036,801	15,603	15,139
3	6	99 174	89 449,295	2 370 706,689	26,503	26,039	53	56	90 493	14 614,210	222 780,939	15,244	14,780
4	7	99 152	86 404,896	2 281 257,393	26,402	25,938	54	57	89 654	13 989,101	208 166,729	14,881	14,417
5	8	99 130	83 464,741	2 194 852,497	26,297	25,833	55	58	88 742	13 378,653	194 177,628	14,514	14,050
6	9	99 112	80 627,612	2 111 387,755	26,187	25,723	56	59	87 753	12 782,126	180 798,975	14,145	13,681
7	10	99 095	77 887,470	2 030 760,144	26,073	25,609	57	60	86 702	12 201,968	168 016,849	13,770	13,306
8	11	99 079	75 242,053	1 952 872,674	25,955	25,491	58	61	85 541	11 631,468	155 814,881	13,396	12,932
9	12	99 063	72 685,768	1 877 630,621	25,832	25,368	59	62	84 302	11 075,288	144 183,412	13,018	12,554
10	13	99 047	70 216,627	1 804 944,853	25,705	25,241	60	63	82 970	10 531,791	133 108,124	12,639	12,175
11	14	99 030	67 830,012	1 734 728,226	25,575	25,111	61	64	81 555	10 002,050	122 576,333	12,255	11,791
12	15	99 011	65 523,517	1 666 898,214	25,440	24,976	62	65	80 052	9 485,689	112 574,282	11,868	11,404
13	16	98 987	63 292,738	1 601 374,698	25,301	24,837	63	66	78 474	8 984,324	103 088,594	11,474	11,010
14	17	98 961	61 136,214	1 538 081,960	25,158	24,694	64	67	76 819	8 497,438	94 104,270	11,074	10,610
15	18	98 930	59 050,462	1 476 945,746	25,012	24,548	65	68	75 045	8 020,436	85 606,832	10,674	10,210
16	19	98 890	57 030,400	1 417 895,284	24,862	24,398	66	69	73 197	7 558,402	77 586,396	10,265	9,801
17	20	98 844	55 076,148	1 360 864,884	24,709	24,245	67	70	71 222	7 105,724	70 027,993	9,855	9,391
18	21	98 788	53 183,833	1 305 788,736	24,552	24,088	68	71	69 136	6 664,432	62 922,270	9,442	8,977
19	22	98 720	51 349,856	1 252 604,903	24,394	23,930	69	72	66 939	6 234,437	56 257,837	9,024	8,560
20	23	98 650	49 578,018	1 201 255,047	24,230	23,766	70	73	64 589	5 812,079	50 023,400	8,607	8,143
21	24	98 574	47 864,758	1 151 677,029	24,061	23,597	71	74	62 092	5 398,443	44 211,321	8,190	7,726
22	25	98 501	46 211,808	1 103 812,272	23,886	23,422	72	75	59 417	4 991,230	38 812,878	7,776	7,312
23	26	98 427	44 615,547	1 057 600,464	23,705	23,241	73	76	56 566	4 591,040	33 821,648	7,367	6,903
24	27	98 352	43 074,077	1 012 984,917	23,517	23,053	74	77	53 534	4 197,979	29 230,608	6,963	6,499
25	28	98 271	41 583,004	969 910,840	23,325	22,861	75	78	50 287	3 810,012	25 032,629	6,570	6,106
26	29	98 192	40 144,589	928 327,836	23,125	22,661	76	79	46 852	3 429,727	21 222,617	6,188	5,724
27	30	98 107	38 753,383	888 183,248	22,919	22,455	77	80	43 272	3 060,534	17 792,890	5,814	5,350
28	31	98 017	37 408,592	849 429,864	22,707	22,243	78	81	39 526	2 701,079	14 732,356	5,454	4,990
29	32	97 928	36 110,938	812 021,273	22,487	22,023	79	82	35 657	2 354,254	12 031,276	5,110	4,646
30	33	97 829	34 854,492	775 910,335	22,261	21,797	80	83	31 708	2 022,718	9 677,023	4,784	4,320
31	34	97 731	33 641,984	741 055,842	22,028	21,564	81	84	27 786	1 712,598	7 654,304	4,469	4,005
32	35	97 620	32 467,335	707 413,858	21,788	21,324	82	85	23 899	1 423,193	5 941,707	4,175	3,711
33	36	97 509	31 333,878	674 946,523	21,540	21,076	83	86	20 160	1 159,957	4 518,514	3,895	3,431
34	37	97 388	30 236,793	643 612,645	21,286	20,822	84	87	16 655	925,899	3 358,557	3,627	3,163
35	38	97 259	29 175,542	613 375,852	21,024	20,560	85	88	13 393	719,383	2 432,658	3,382	2,918
36	39	97 124	28 149,571	584 200,310	20,753	20,289	86	89	10 478	543,786	1 713,275	3,151	2,687
37	40	96 974	27 155,719	556 050,739	20,476	20,012	87	90	7 908	396,508	1 169,489	2,949	2,485
38	41	96 813	26 194,002	528 895,019	20,191	19,727	88	91	5 780	280,005	772,981	2,761	2,297
39	42	96 629	25 260,134	502 701,017	19,901	19,437	89	92	4 048	189,472	492,977	2,602	2,138
40	43	96 433	24 356,210	477 440,883	19,602	19,138	90	93	2 733	123,597	303,505	2,456	1,992
41	44	96 210	23 478,317	453 084,673	19,298	18,834	91	94	1 785	78,007	179,908	2,306	1,842
42	45	95 971	22 627,854	429 606,356	18,986	18,522	92	95	1 106	46,686	101,901	2,183	1,719
43	46	95 702	21 801,518	406 978,502	18,667	18,203	93	96	654	26,686	55,215	2,069	1,605
44	47	95 397	20 997,077	385 176,985	18,344	17,880	94	97	368	14,510	28,529	1,966	1,502
45	48	95 051	20 213,566	364 179,907	18,017	17,553	95	98	197	7,485	14,019	1,873	1,409
46	49	94 673	19 452,296	343 966,342	17,683	17,219	96	99	99	3,653	6,535	1,789	1,325
47	50	94 245	18 709,424	324 514,045	17,345	16,881	97	100	47	1,683	2,882	1,712	1,248
48	51	93 766	17 984,848	305 804,622	17,003	16,539							
49	52	93 236	17 278,552	287 819,774	16,658	16,194							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	4	99 632	99 632,441	2 654 536,359	26,643	26,179	50	54	92 368	16 538,881	267 039,783	16,146	15,682
1	5	99 235	95 879,472	2 554 903,918	26,647	26,183	51	55	91 705	15 864,874	250 500,902	15,790	15,326
2	6	99 193	92 597,498	2 459 024,446	26,556	26,092	52	56	90 948	15 201,808	234 636,028	15,435	14,971
3	7	99 165	89 441,505	2 366 426,948	26,458	25,994	53	57	90 151	14 559,082	219 434,220	15,072	14,608
4	8	99 143	86 397,481	2 276 985,443	26,355	25,891	54	58	89 295	13 933,193	204 875,137	14,704	14,240
5	9	99 123	83 458,595	2 190 587,962	26,248	25,784	55	59	88 351	13 319,623	190 941,944	14,335	13,871
6	10	99 105	80 622,050	2 107 129,368	26,136	25,672	56	60	87 339	12 721,769	177 622,322	13,962	13,498
7	11	99 088	77 881,942	2 026 507,318	26,020	25,556	57	61	86 235	12 136,207	164 900,553	13,587	13,123
8	12	99 071	75 236,036	1 948 625,376	25,900	25,436	58	62	85 050	11 564,626	152 764,346	13,210	12,746
9	13	99 055	72 679,917	1 873 389,339	25,776	25,312	59	63	83 770	11 005,429	141 199,721	12,830	12,366
10	14	99 039	70 210,337	1 800 709,423	25,647	25,183	60	64	82 411	10 460,830	130 194,291	12,446	11,982
11	15	99 019	67 822,660	1 730 499,086	25,515	25,051	61	65	80 956	9 928,541	119 733,462	12,060	11,595
12	16	98 998	65 515,274	1 662 676,426	25,378	24,914	62	66	79 427	9 411,607	109 804,920	11,667	11,203
13	17	98 972	63 282,999	1 597 161,152	25,238	24,774	63	67	77 803	8 907,470	100 393,314	11,271	10,807
14	18	98 945	61 126,403	1 533 878,153	25,094	24,630	64	68	76 118	8 419,837	91 485,844	10,866	10,401
15	19	98 908	59 036,974	1 472 751,750	24,946	24,482	65	69	74 316	7 942,553	83 066,007	10,458	9,994
16	20	98 869	57 018,621	1 413 714,776	24,794	24,330	66	70	72 420	7 478,121	75 123,455	10,046	9,582
17	21	98 822	55 063,922	1 356 696,155	24,639	24,175	67	71	70 395	7 023,264	67 645,334	9,632	9,168
18	22	98 768	53 172,702	1 301 632,233	24,479	24,015	68	72	68 246	6 578,613	60 622,070	9,215	8,751
19	23	98 698	51 338,337	1 248 459,531	24,318	23,854	69	73	65 970	6 144,177	54 043,457	8,796	8,332
20	24	98 627	49 566,685	1 197 121,194	24,152	23,688	70	74	63 538	5 717,568	47 899,280	8,378	7,914
21	25	98 554	47 855,082	1 147 554,509	23,980	23,516	71	75	60 936	5 297,991	42 181,713	7,962	7,498
22	26	98 479	46 201,642	1 099 699,427	23,802	23,338	72	76	58 142	4 884,128	36 883,721	7,552	7,088
23	27	98 404	44 604,988	1 053 497,784	23,618	23,154	73	77	55 181	4 478,593	31 999,593	7,145	6,681
24	28	98 326	43 062,505	1 008 892,796	23,429	22,965	74	78	52 049	4 081,595	27 521,000	6,743	6,279
25	29	98 246	41 572,486	965 830,291	23,232	22,768	75	79	48 674	3 687,831	23 439,404	6,356	5,892
26	30	98 164	40 133,070	924 257,802	23,030	22,566	76	80	45 151	3 305,208	19 751,573	5,976	5,512
27	31	98 079	38 742,415	884 124,732	22,821	22,357	77	81	41 464	2 932,709	16 446,365	5,608	5,144
28	32	97 987	37 397,293	845 382,317	22,605	22,141	78	82	37 645	2 572,534	13 513,656	5,253	4,789
29	33	97 894	36 098,138	807 985,024	22,383	21,919	79	83	33 690	2 224,430	10 941,122	4,919	4,455
30	34	97 794	34 841,748	771 886,887	22,154	21,690	80	84	29 719	1 895,870	8 716,692	4,598	4,134
31	35	97 690	33 627,694	737 045,138	21,918	21,454	81	85	25 776	1 588,750	6 820,822	4,293	3,829
32	36	97 581	32 454,421	703 417,444	21,674	21,210	82	86	21 921	1 305,417	5 232,072	4,008	3,544
33	37	97 463	31 318,988	670 963,023	21,424	20,959	83	87	18 260	1 050,663	3 926,655	3,737	3,273
34	38	97 337	30 220,656	639 644,036	21,166	20,702	84	88	14 852	825,632	2 875,992	3,483	3,019
35	39	97 205	29 159,300	609 423,379	20,900	20,436	85	89	11 756	631,412	2 050,361	3,247	2,783
36	40	97 059	28 130,949	580 264,079	20,627	20,163	86	90	8 996	466,831	1 418,949	3,040	2,576
37	41	96 905	27 136,541	552 133,131	20,346	19,882	87	91	6 684	335,130	952,118	2,841	2,377
38	42	96 736	26 173,008	524 996,589	20,059	19,595	88	92	4 753	230,251	616,988	2,680	2,216
39	43	96 543	25 237,650	498 823,582	19,765	19,301	89	93	3 282	153,619	386,736	2,518	2,053
40	44	96 334	24 331,271	473 585,931	19,464	19,000	90	94	2 167	97,981	233,117	2,379	1,915
41	45	96 102	23 451,947	449 254,660	19,156	18,692	91	95	1 382	60,386	135,136	2,238	1,774
42	46	95 849	22 599,134	425 802,714	18,842	18,378	92	96	835	35,245	74,750	2,121	1,657
43	47	95 567	21 770,797	403 203,580	18,520	18,056	93	97	481	19,622	39,504	2,013	1,549
44	48	95 241	20 962,745	381 432,783	18,196	17,732	94	98	263	10,378	19,882	1,916	1,452
45	49	94 883	20 177,820	360 470,038	17,865	17,401	95	99	137	5,200	9,504	1,828	1,364
46	50	94 478	19 412,270	340 292,219	17,530	17,066	96	100	67	2,463	4,304	1,748	1,284
47	51	94 037	18 668,207	320 879,948	17,189	16,725							
48	52	93 536	17 940,843	302 211,742	16,845	16,381							
49	53	92 980	17 231,116	284 270,899	16,498	16,034							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß 3,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	5	99 621	99 620,567	2 649 918,582	26,600	26,136	50	55	92 074	16 486,102	263 301,934	15,971	15,507
1	6	99 225	95 869,781	2 550 298,015	26,602	26,138	51	56	91 380	15 808,662	246 815,831	15,613	15,149
2	7	99 184	92 589,434	2 454 428,234	26,509	26,045	52	57	90 605	15 144,464	231 007,169	15,254	14,790
3	8	99 157	89 433,829	2 361 838,800	26,409	25,945	53	58	89 791	14 500,896	215 862,706	14,886	14,422
4	9	99 136	86 391,118	2 272 404,971	26,304	25,840	54	59	88 901	13 871,715	201 361,810	14,516	14,052
5	10	99 116	83 452,837	2 186 013,853	26,195	25,731	55	60	87 934	13 256,727	187 490,094	14,143	13,679
6	11	99 098	80 616,328	2 102 561,016	26,081	25,617	56	61	86 868	12 653,206	174 233,367	13,770	13,306
7	12	99 080	77 875,714	2 021 944,688	25,964	25,500	57	62	85 739	12 066,464	161 580,161	13,391	12,927
8	13	99 064	75 229,980	1 944 068,974	25,842	25,378	58	63	84 513	11 491,680	149 513,697	13,011	12,547
9	14	99 046	72 673,406	1 868 838,994	25,716	25,252	59	64	83 205	10 931,276	138 022,017	12,626	12,162
10	15	99 028	70 202,727	1 796 165,588	25,585	25,121	60	65	81 806	10 383,949	127 090,741	12,239	11,775
11	16	99 007	67 814,129	1 725 962,861	25,451	24,987	61	66	80 323	9 851,001	116 706,792	11,847	11,383
12	17	98 983	65 505,193	1 658 148,732	25,313	24,849	62	67	78 747	9 331,097	106 855,791	11,452	10,988
13	18	98 956	63 272,844	1 592 643,539	25,171	24,707	63	68	77 092	8 826,124	97 524,694	11,050	10,586
14	19	98 922	61 112,441	1 529 370,695	25,026	24,561	64	69	75 379	8 338,075	88 698,570	10,638	10,174
15	20	98 887	59 024,781	1 468 258,254	24,875	24,411	65	70	73 527	7 858,191	80 360,495	10,226	9,762
16	21	98 848	57 005,963	1 409 233,474	24,721	24,257	66	71	71 579	7 391,339	72 502,304	9,809	9,345
17	22	98 801	55 052,398	1 352 227,510	24,563	24,099	67	72	69 489	6 932,824	65 110,965	9,392	8,928
18	23	98 746	53 160,774	1 297 175,113	24,401	23,937	68	73	67 258	6 483,370	58 178,141	8,973	8,509
19	24	98 675	51 326,602	1 244 014,339	24,237	23,773	69	74	64 897	6 044,265	51 694,772	8,553	8,089
20	25	98 607	49 556,666	1 192 687,737	24,067	23,603	70	75	62 356	5 611,178	45 650,506	8,136	7,672
21	26	98 533	47 844,555	1 143 131,071	23,893	23,429	71	76	59 629	5 184,308	40 039,329	7,723	7,259
22	27	98 456	46 190,708	1 095 286,516	23,712	23,248	72	77	56 718	4 764,502	34 855,021	7,316	6,852
23	28	98 377	44 593,005	1 049 095,808	23,526	23,062	73	78	53 651	4 354,430	30 090,519	6,910	6,446
24	29	98 301	43 051,616	1 004 502,803	23,333	22,868	74	79	50 380	3 950,706	25 736,089	6,514	6,050
25	30	98 218	41 560,561	961 451,187	23,134	22,670	75	80	46 907	3 553,941	21 785,383	6,130	5,666
26	31	98 136	40 121,711	919 890,627	22,928	22,463	76	81	43 265	3 167,164	18 231,442	5,756	5,292
27	32	98 049	38 730,714	879 768,915	22,715	22,251	77	82	39 491	2 793,140	15 064,278	5,393	4,929
28	33	97 953	37 384,037	841 038,202	22,497	22,033	78	83	35 569	2 430,674	12 271,138	5,048	4,584
29	34	97 858	36 084,939	803 654,165	22,271	21,807	79	84	31 578	2 084,933	9 840,464	4,720	4,256
30	35	97 752	34 826,948	767 569,226	22,040	21,575	80	85	27 570	1 758,769	7 755,532	4,410	3,946
31	36	97 651	33 614,318	732 742,277	21,799	21,334	81	86	23 643	1 457,274	5 996,763	4,115	3,651
32	37	97 535	32 438,998	699 127,959	21,552	21,088	82	87	19 855	1 182,417	4 539,489	3,839	3,375
33	38	97 411	31 302,273	666 688,961	21,298	20,834	83	88	16 283	936,885	3 357,072	3,583	3,119
34	39	97 282	30 203,832	635 386,688	21,037	20,573	84	89	13 036	724,667	2 420,187	3,340	2,876
35	40	97 141	29 140,009	605 182,855	20,768	20,304	85	90	10 092	542,056	1 695,520	3,128	2,664
36	41	96 991	28 111,082	576 042,846	20,492	20,028	86	91	7 603	394,568	1 153,464	2,923	2,459
37	42	96 828	27 114,792	547 931,764	20,208	19,744	87	92	5 496	275,582	758,896	2,754	2,290
38	43	96 650	26 149,711	520 816,973	19,917	19,453	88	93	3 853	186,682	483,314	2,589	2,125
39	44	96 445	25 211,809	494 667,261	19,620	19,156	89	94	2 602	121,781	296,632	2,436	1,972
40	45	96 226	24 303,943	469 455,453	19,316	18,852	90	95	1 677	75,849	174,851	2,305	1,841
41	46	95 980	23 422,181	445 151,510	19,006	18,542	91	96	1 043	45,589	99,002	2,172	1,708
42	47	95 714	22 567,289	421 729,329	18,688	18,224	92	97	614	25,916	53,414	2,061	1,597
43	48	95 411	21 735,199	399 162,040	18,365	17,901	93	98	344	14,034	27,498	1,959	1,495
44	49	95 072	20 925,674	377 426,840	18,037	17,573	94	99	183	7,211	13,464	1,867	1,403
45	50	94 688	20 136,301	356 501,167	17,704	17,240	95	100	92	3,506	6,253	1,784	1,320
46	51	94 270	19 369,505	336 364,866	17,366	16,902							
47	52	93 807	18 622,529	316 995,361	17,022	16,558							
48	53	93 279	17 891,588	298 372,832	16,677	16,213							
49	54	92 701	17 179,310	280 481,244	16,327	15,863							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	6	99 610	99 610,498	2 644 982,323	26,553	26,089	50	56	91 747	16 427,689	259 320,095	15,786	15,322
1	7	99 217	95 861,431	2 545 371,825	26,553	26,089	51	57	91 036	15 749,029	242 892,406	15,423	14,959
2	8	99 176	92 581,487	2 449 510,394	26,458	25,994	52	58	90 243	15 083,938	227 143,377	15,059	14,595
3	9	99 150	89 427,243	2 356 928,906	26,356	25,892	53	59	89 395	14 436,913	212 059,440	14,689	14,225
4	10	99 129	86 385,158	2 267 501,664	26,249	25,785	54	60	88 482	13 806,213	197 622,526	14,314	13,850
5	11	99 109	83 446,915	2 181 116,506	26,138	25,674	55	61	87 460	13 185,282	183 816,313	13,941	13,477
6	12	99 090	80 609,881	2 097 669,591	26,022	25,558	56	62	86 369	12 580,492	170 631,032	13,563	13,099
7	13	99 072	77 869,445	2 017 059,710	25,903	25,439	57	63	85 198	11 990,353	158 050,539	13,181	12,717
8	14	99 055	75 223,241	1 939 190,265	25,779	25,315	58	64	83 944	11 414,251	146 060,186	12,796	12,332
9	15	99 036	72 665,529	1 863 967,024	25,651	25,187	59	65	82 594	10 850,938	134 645,936	12,409	11,945
10	16	99 015	70 193,896	1 791 301,494	25,519	25,055	60	66	81 167	10 302,851	123 794,998	12,016	11,552
11	17	98 991	67 803,694	1 721 107,598	25,384	24,920	61	67	79 636	9 766,733	113 492,146	11,620	11,156
12	18	98 967	65 494,682	1 653 303,904	25,243	24,779	62	68	78 028	9 245,883	103 725,414	11,219	10,755
13	19	98 933	63 258,391	1 587 809,223	25,100	24,636	63	69	76 344	8 740,417	94 479,531	10,809	10,345
14	20	98 902	61 099,819	1 524 550,831	24,952	24,488	64	70	74 578	8 249,512	85 739,114	10,393	9,929
15	21	98 865	59 011,678	1 463 451,012	24,799	24,335	65	71	72 673	7 766,998	77 489,602	9,977	9,513
16	22	98 827	56 994,033	1 404 439,334	24,642	24,178	66	72	70 657	7 296,159	69 722,604	9,556	9,092
17	23	98 779	55 040,048	1 347 445,302	24,481	24,017	67	73	68 483	6 832,453	62 426,444	9,137	8,673
18	24	98 723	53 148,622	1 292 405,254	24,317	23,853	68	74	66 164	6 377,942	55 593,992	8,717	8,253
19	25	98 656	51 316,227	1 239 256,632	24,149	23,685	69	75	63 690	5 931,796	49 216,050	8,297	7,833
20	26	98 586	49 545,764	1 187 940,405	23,977	23,513	70	76	61 018	5 490,773	43 284,253	7,883	7,419
21	27	98 509	47 833,232	1 138 394,641	23,799	23,335	71	77	58 168	5 057,329	37 793,480	7,473	7,009
22	28	98 430	46 178,299	1 090 561,409	23,616	23,152	72	78	55 146	4 632,413	32 736,151	7,067	6,603
23	29	98 352	44 581,729	1 044 383,110	23,426	22,962	73	79	51 930	4 214,791	28 103,738	6,668	6,204
24	30	98 273	43 039,263	999 801,381	23,230	22,766	74	80	48 551	3 807,272	23 888,947	6,275	5,811
25	31	98 190	41 548,798	956 762,118	23,027	22,563	75	81	44 948	3 405,509	20 081,675	5,897	5,433
26	32	98 106	40 109,594	915 213,320	22,818	22,354	76	82	41 206	3 016,438	16 676,167	5,528	5,064
27	33	98 015	38 716,985	875 103,726	22,603	22,139	77	83	37 313	2 639,115	13 659,729	5,176	4,712
28	34	97 917	37 370,368	836 386,742	22,381	21,917	78	84	33 339	2 278,242	11 020,615	4,837	4,373
29	35	97 816	36 069,611	799 016,374	22,152	21,688	79	85	29 294	1 934,159	8 742,373	4,520	4,056
30	36	97 713	34 813,096	762 946,763	21,916	21,451	80	86	25 288	1 613,223	6 808,213	4,220	3,756
31	37	97 604	33 598,344	728 133,667	21,672	21,208	81	87	21 416	1 319,965	5 194,991	3,936	3,472
32	38	97 483	32 421,686	694 535,323	21,422	20,958	82	88	17 705	1 054,371	3 875,025	3,675	3,211
33	39	97 357	31 284,847	662 113,637	21,164	20,700	83	89	14 292	822,316	2 820,654	3,430	2,966
34	40	97 218	30 183,851	630 828,790	20,900	20,436	84	90	11 191	622,115	1 998,338	3,212	2,748
35	41	97 072	29 119,430	600 644,939	20,627	20,163	85	91	8 530	458,148	1 376,224	3,004	2,540
36	42	96 913	28 088,551	571 525,509	20,347	19,883	86	92	6 252	324,458	918,075	2,830	2,366
37	43	96 741	27 090,657	543 436,958	20,060	19,596	87	93	4 456	223,435	593,617	2,657	2,193
38	44	96 551	26 122,396	516 346,301	19,766	19,302	88	94	3 055	147,992	370,182	2,501	2,037
39	45	96 336	25 183,492	490 223,366	19,466	19,002	89	95	2 014	94,273	222,190	2,357	1,893
40	46	96 103	24 273,096	465 039,874	19,159	18,695	90	96	1 266	57,262	127,918	2,234	1,770
41	47	95 845	23 389,176	440 766,778	18,845	18,381	91	97	767	33,521	70,656	2,108	1,644
42	48	95 557	22 530,389	417 377,602	18,525	18,061	92	98	439	18,536	37,135	2,003	1,539
43	49	95 242	21 696,762	394 847,213	18,198	17,734	93	99	239	9,751	18,599	1,907	1,443
44	50	94 877	20 882,616	373 150,451	17,869	17,405	94	100	123	4,861	8,848	1,820	1,356
45	51	94 480	20 091,941	352 267,835	17,533	17,069							
46	52	94 040	19 322,112	332 175,894	17,191	16,727							
47	53	93 549	18 571,404	312 853,783	16,846	16,382							
48	54	92 999	17 837,796	294 282,379	16,498	16,034							
49	55	92 405	17 124,487	276 444,582	16,143	15,679							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 602	99 601,823	2 639 713,047	26,503	26,039	50	57	91 401	16 365,720	255 090,163	15,587	15,123
1	8	99 208	95 853,204	2 540 111,224	26,500	26,036	51	58	90 672	15 686,087	238 724,442	15,219	14,755
2	9	99 168	92 574,669	2 444 258,020	26,403	25,939	52	59	89 845	15 017,383	223 038,355	14,852	14,388
3	10	99 143	89 421,074	2 351 683,351	26,299	25,835	53	60	88 973	14 368,742	208 020,973	14,477	14,013
4	11	99 122	86 379,027	2 262 262,278	26,190	25,726	54	61	88 005	13 731,806	193 652,231	14,102	13,638
5	12	99 101	83 440,242	2 175 883,250	26,077	25,613	55	62	86 957	13 109,510	179 920,424	13,724	13,260
6	13	99 082	80 603,392	2 092 443,009	25,960	25,496	56	63	85 824	12 501,139	166 810,915	13,344	12,880
7	14	99 063	77 862,470	2 011 839,617	25,838	25,374	57	64	84 624	11 909,564	154 309,776	12,957	12,493
8	15	99 044	75 215,088	1 933 977,147	25,713	25,249	58	65	83 327	11 330,363	142 400,212	12,568	12,104
9	16	99 023	72 656,389	1 858 762,059	25,583	25,119	59	66	81 949	10 766,193	131 069,849	12,174	11,710
10	17	99 000	70 183,095	1 786 105,670	25,449	24,985	60	67	80 472	10 214,718	120 303,656	11,777	11,313
11	18	98 975	67 792,813	1 715 922,575	25,311	24,847	61	68	78 909	9 677,540	110 088,938	11,376	10,912
12	19	98 944	65 479,722	1 648 129,762	25,170	24,706	62	69	77 270	9 156,100	100 411,398	10,967	10,503
13	20	98 913	63 245,326	1 582 650,040	25,024	24,560	63	70	75 533	8 647,580	91 255,298	10,553	10,089
14	21	98 880	61 086,255	1 519 404,714	24,873	24,409	64	71	73 713	8 153,779	82 607,718	10,131	9,667
15	22	98 844	58 999,327	1 458 318,458	24,718	24,254	65	72	71 738	7 666,981	74 453,939	9,711	9,247
16	23	98 805	56 981,247	1 399 319,131	24,558	24,094	66	73	69 634	7 190,528	66 786,958	9,288	8,824
17	24	98 756	55 027,467	1 342 337,884	24,394	23,930	67	74	67 369	6 721,349	59 596,431	8,867	8,403
18	25	98 703	53 137,879	1 287 310,417	24,226	23,762	68	75	64 933	6 259,264	52 875,082	8,447	7,983
19	26	98 634	51 304,938	1 234 172,538	24,056	23,592	69	76	62 323	5 804,512	46 615,817	8,031	7,567
20	27	98 562	49 534,039	1 182 867,600	23,880	23,416	70	77	59 524	5 356,289	40 811,305	7,619	7,155
21	28	98 483	47 820,382	1 133 333,561	23,700	23,236	71	78	56 556	4 917,121	35 455,016	7,211	6,746
22	29	98 405	46 166,621	1 085 513,180	23,513	23,049	72	79	53 377	4 483,859	30 537,895	6,811	6,347
23	30	98 324	44 568,938	1 039 346,558	23,320	22,856	73	80	50 045	4 061,769	26 054,036	6,414	5,950
24	31	98 245	43 027,082	994 777,621	23,120	22,656	74	81	46 523	3 648,259	21 992,267	6,028	5,564
25	32	98 160	41 536,249	951 750,539	22,914	22,450	75	82	42 809	3 243,439	18 344,008	5,656	5,192
26	33	98 072	40 095,376	910 214,290	22,701	22,237	76	83	38 934	2 850,098	15 100,569	5,298	4,834
27	34	97 979	38 702,828	870 118,914	22,482	22,018	77	84	34 973	2 473,611	12 250,470	4,952	4,488
28	35	97 875	37 354,494	831 416,086	22,257	21,793	78	85	30 928	2 113,489	9 776,859	4,626	4,162
29	36	97 777	36 055,264	794 061,592	22,023	21,559	79	86	26 870	1 774,098	7 663,369	4,320	3,856
30	37	97 667	34 796,552	758 006,328	21,784	21,320	80	87	22 906	1 461,221	5 889,271	4,030	3,566
31	38	97 552	33 580,413	723 209,776	21,537	21,073	81	88	19 096	1 177,024	4 428,050	3,762	3,298
32	39	97 428	32 403,637	689 629,362	21,282	20,818	82	89	15 540	925,435	3 251,026	3,513	3,049
33	40	97 292	31 264,150	657 225,726	21,022	20,558	83	90	12 269	705,944	2 325,591	3,294	2,830
34	41	97 149	30 162,534	625 961,576	20,753	20,289	84	91	9 458	525,814	1 619,647	3,080	2,616
35	42	96 994	29 096,091	595 799,041	20,477	20,013	85	92	7 014	376,742	1 093,833	2,903	2,439
36	43	96 827	28 063,550	566 702,951	20,194	19,730	86	93	5 069	263,062	717,091	2,726	2,262
37	44	96 642	27 062,918	538 639,401	19,903	19,439	87	94	3 533	177,127	454,029	2,563	2,099
38	45	96 442	26 093,596	511 576,483	19,605	19,141	88	95	2 365	114,563	276,901	2,417	1,953
39	46	96 214	25 151,528	485 482,887	19,302	18,838	89	96	1 521	71,171	162,338	2,281	1,817
40	47	95 968	24 238,892	460 331,359	18,991	18,527	90	97	931	42,104	91,168	2,165	1,701
41	48	95 688	23 350,932	436 092,467	18,676	18,212	91	98	549	23,975	49,063	2,046	1,582
42	49	95 388	22 490,546	412 741,535	18,352	17,888	92	99	305	12,879	25,088	1,948	1,484
43	50	95 046	21 652,118	390 250,989	18,024	17,560	93	100	161	6,573	12,209	1,857	1,393
44	51	94 668	20 836,611	368 598,871	17,690	17,226							
45	52	94 248	20 042,780	347 762,260	17,351	16,887							
46	53	93 781	19 269,065	327 719,480	17,008	16,544							
47	54	93 268	18 515,568	308 450,415	16,659	16,195							
48	55	92 702	17 780,872	289 934,847	16,306	15,842							
49	56	92 077	17 063,812	272 153,975	15,949	15,485							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	8	99 593	99 593,274	2 634 097,009	26,449	25,985	50	58	91 036	16 300,314	250 606,620	15,374	14,910
1	9	99 201	95 846,145	2 534 503,735	26,443	25,979	51	59	90 272	15 616,875	234 306,306	15,003	14,539
2	10	99 161	92 568,283	2 438 657,590	26,344	25,880	52	60	89 420	14 946,470	218 689,431	14,632	14,167
3	11	99 136	89 414,727	2 346 089,307	26,238	25,774	53	61	88 493	14 291,304	203 742,961	14,256	13,792
4	12	99 114	86 372,120	2 256 674,580	26,127	25,663	54	62	87 499	13 652,894	189 451,657	13,876	13,412
5	13	99 093	83 433,525	2 170 302,460	26,012	25,548	55	63	86 409	13 026,820	175 798,763	13,495	13,031
6	14	99 073	80 596,172	2 086 868,935	25,893	25,429	56	64	85 246	12 416,908	162 771,944	13,109	12,645
7	15	99 052	77 854,031	2 006 272,764	25,770	25,306	57	65	84 002	11 822,035	150 355,036	12,718	12,254
8	16	99 031	75 205,627	1 928 418,733	25,642	25,178	58	66	82 676	11 241,874	138 533,000	12,323	11,859
9	17	99 008	72 645,209	1 853 213,106	25,510	25,046	59	67	81 248	10 674,097	127 291,126	11,925	11,461
10	18	98 984	70 171,833	1 780 567,898	25,374	24,910	60	68	79 738	10 121,434	116 617,030	11,522	11,058
11	19	98 953	67 777,329	1 710 396,065	25,236	24,771	61	69	78 143	9 583,565	106 495,595	11,112	10,648
12	20	98 924	65 466,198	1 642 618,736	25,091	24,627	62	70	76 450	9 058,848	96 912,031	10,698	10,234
13	21	98 891	63 231,286	1 577 152,538	24,943	24,479	63	71	74 656	8 547,227	87 853,183	10,279	9,815
14	22	98 859	61 073,471	1 513 921,252	24,789	24,325	64	72	72 763	8 048,781	79 305,955	9,853	9,389
15	23	98 822	58 986,092	1 452 847,782	24,630	24,166	65	73	70 699	7 555,981	71 257,174	9,431	8,967
16	24	98 782	56 968,222	1 393 861,690	24,467	24,003	66	74	68 502	7 073,601	63 701,193	9,005	8,541
17	25	98 736	55 016,344	1 336 893,467	24,300	23,836	67	75	66 115	6 596,281	56 627,592	8,585	8,121
18	26	98 681	53 126,190	1 281 877,124	24,129	23,665	68	76	63 540	6 124,954	50 031,312	8,168	7,704
19	27	98 610	51 292,796	1 228 750,934	23,956	23,492	69	77	60 797	5 662,343	43 906,358	7,754	7,290
20	28	98 536	49 520,731	1 177 458,138	23,777	23,313	70	78	57 873	5 207,793	38 244,014	7,344	6,880
21	29	98 458	47 808,289	1 127 937,407	23,593	23,129	71	79	54 742	4 759,438	33 036,222	6,941	6,477
22	30	98 376	46 153,375	1 080 129,117	23,403	22,939	72	80	51 439	4 321,069	28 276,784	6,544	6,080
23	31	98 296	44 556,323	1 033 975,742	23,206	22,742	73	81	47 955	3 892,127	23 955,715	6,155	5,691
24	32	98 215	43 014,087	989 419,419	23,002	22,538	74	82	44 309	3 474,637	20 063,589	5,774	5,310
25	33	98 126	41 521,525	946 405,332	22,793	22,329	75	83	40 448	3 064,582	16 588,952	5,413	4,949
26	34	98 036	40 080,716	904 883,807	22,577	22,113	76	84	36 492	2 671,364	13 524,369	5,063	4,599
27	35	97 937	38 686,388	864 803,091	22,354	21,890	77	85	32 444	2 294,731	10 853,006	4,730	4,266
28	36	97 836	37 339,636	826 116,703	22,124	21,660	78	86	28 368	1 938,588	8 558,275	4,415	3,951
29	37	97 731	36 038,130	788 777,067	21,887	21,423	79	87	24 338	1 606,938	6 619,687	4,119	3,655
30	38	97 615	34 777,982	752 738,937	21,644	21,180	80	88	20 425	1 302,983	5 012,748	3,847	3,383
31	39	97 498	33 561,719	717 960,955	21,392	20,928	81	89	16 761	1 033,089	3 709,766	3,591	3,127
32	40	97 364	32 382,200	684 399,237	21,135	20,671	82	90	13 341	794,471	2 676,677	3,369	2,905
33	41	97 224	31 242,071	652 017,037	20,870	20,406	83	91	10 370	596,667	1 882,206	3,155	2,691
34	42	97 071	30 138,359	620 774,966	20,598	20,133	84	92	7 778	432,384	1 285,539	2,973	2,509
35	43	96 908	29 070,193	590 636,607	20,318	19,854	85	93	5 687	305,452	853,155	2,793	2,329
36	44	96 728	28 034,814	561 566,414	20,031	19,567	86	94	4 018	208,542	547,703	2,626	2,162
37	45	96 534	27 032,522	533 531,600	19,737	19,273	87	95	2 735	137,117	339,161	2,474	2,009
38	46	96 320	26 060,477	506 499,078	19,436	18,972	88	96	1 785	86,489	202,043	2,336	1,872
39	47	96 078	25 116,087	480 438,601	19,129	18,665	89	97	1 118	52,332	115,554	2,208	1,744
40	48	95 811	24 199,259	455 322,514	18,816	18,352	90	98	666	30,114	63,223	2,099	1,635
41	49	95 519	23 309,638	431 123,255	18,495	18,031	91	99	381	16,658	33,109	1,988	1,524
42	50	95 192	22 444,268	407 813,617	18,170	17,706	92	100	206	8,682	16,450	1,895	1,431
43	51	94 837	21 604,418	385 369,349	17,838	17,374							
44	52	94 436	20 785,629	363 764,931	17,501	17,037							
45	53	93 990	19 987,755	342 979,303	17,159	16,695							
46	54	93 499	19 211,132	322 991,548	16,813	16,349							
47	55	92 971	18 456,481	303 780,416	16,459	15,995							
48	56	92 374	17 717,872	285 323,935	16,104	15,640							
49	57	91 730	16 999,444	267 606,064	15,742	15,278							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	9	99 586	99 585,940	2 628 122,157	26,390	25,926	50	59	90 634	16 228,392	245 864,497	15,150	14,686
1	10	99 194	95 839,533	2 528 536,217	26,383	25,919	51	60	89 846	15 543,132	229 636,105	14,774	14,310
2	11	99 154	92 561,713	2 432 696,684	26,282	25,818	52	61	88 939	14 865,918	214 092,973	14,402	13,938
3	12	99 128	89 407,577	2 340 134,971	26,174	25,710	53	62	87 985	14 209,176	199 227,055	14,021	13,557
4	13	99 106	86 365,167	2 250 727,394	26,061	25,597	54	63	86 947	13 566,776	185 017,879	13,638	13,174
5	14	99 084	83 426,051	2 164 362,227	25,943	25,479	55	64	85 827	12 939,047	171 451,103	13,251	12,787
6	15	99 063	80 587,436	2 080 936,176	25,822	25,358	56	65	84 619	12 325,651	158 512,056	12,860	12,396
7	16	99 040	77 844,237	2 000 348,739	25,697	25,233	57	66	83 346	11 729,707	146 186,405	12,463	11,999
8	17	99 016	75 194,055	1 922 504,502	25,567	25,103	58	67	81 969	11 145,708	134 456,698	12,064	11,600
9	18	98 992	72 633,551	1 847 310,447	25,433	24,969	59	68	80 506	10 576,617	123 310,990	11,659	11,195
10	19	98 962	70 155,805	1 774 676,896	25,296	24,832	60	69	78 963	10 023,149	112 734,373	11,247	10,783
11	20	98 932	67 763,330	1 704 521,091	25,154	24,690	61	70	77 313	9 481,773	102 711,224	10,832	10,368
12	21	98 902	65 451,665	1 636 757,761	25,007	24,543	62	71	75 562	8 953,722	93 229,451	10,412	9,948
13	22	98 870	63 218,053	1 571 306,096	24,855	24,391	63	72	73 695	8 437,163	84 275,729	9,989	9,525
14	23	98 837	61 059,770	1 508 088,044	24,699	24,235	64	73	71 710	7 932,253	75 838,566	9,561	9,097
15	24	98 800	58 972,609	1 447 028,274	24,537	24,073	65	74	69 549	7 433,112	67 906,313	9,136	8,672
16	25	98 762	56 956,707	1 388 055,665	24,370	23,906	66	75	67 227	6 941,979	60 473,201	8,711	8,247
17	26	98 715	55 004,241	1 331 098,958	24,200	23,736	67	76	64 697	6 454,738	53 531,222	8,293	7,829
18	27	98 658	53 113,617	1 276 094,717	24,026	23,562	68	77	61 984	5 974,936	47 076,484	7,879	7,415
19	28	98 584	51 279,016	1 222 981,100	23,850	23,386	69	78	59 111	5 505,362	41 101,548	7,466	7,002
20	29	98 511	49 508,209	1 171 702,084	23,667	23,203	70	79	56 017	5 040,788	35 596,185	7,062	6,598
21	30	98 430	47 794,572	1 122 193,875	23,480	23,016	71	80	52 755	4 586,642	30 555,398	6,662	6,198
22	31	98 349	46 140,312	1 074 399,303	23,285	22,821	72	81	49 291	4 140,597	25 968,755	6,272	5,808
23	32	98 267	44 542,866	1 028 258,991	23,085	22,621	73	82	45 673	3 706,899	21 828,159	5,889	5,424
24	33	98 180	42 998,839	983 716,125	22,878	22,414	74	83	41 866	3 283,031	18 121,260	5,520	5,056
25	34	98 090	41 506,344	940 717,285	22,664	22,200	75	84	37 911	2 872,397	14 838,229	5,166	4,702
26	35	97 994	40 063,690	899 210,942	22,445	21,981	76	85	33 853	2 478,182	11 965,832	4,828	4,364
27	36	97 898	38 671,001	859 147,251	22,217	21,753	77	86	29 759	2 104,831	9 487,650	4,508	4,044
28	37	97 790	37 321,892	820 476,251	21,984	21,520	78	87	25 695	1 755,929	7 382,819	4,205	3,740
29	38	97 679	36 018,897	783 154,359	21,743	21,279	79	88	21 702	1 432,920	5 626,889	3,927	3,463
30	39	97 560	34 758,620	747 135,462	21,495	21,031	80	89	17 927	1 143,645	4 193,969	3,667	3,203
31	40	97 433	33 539,516	712 376,842	21,240	20,776	81	90	14 389	886,890	3 050,324	3,439	2,975
32	41	97 295	32 359,331	678 837,326	20,978	20,514	82	91	11 276	671,490	2 163,435	3,222	2,758
33	42	97 146	31 217,031	646 477,995	20,709	20,245	83	92	8 527	490,647	1 491,945	3,041	2,577
34	43	96 985	30 111,533	615 260,965	20,433	19,969	84	93	6 306	350,566	1 001,297	2,856	2,392
35	44	96 809	29 040,427	585 149,431	20,149	19,685	85	94	4 508	242,147	650,732	2,687	2,223
36	45	96 619	28 003,327	556 109,005	19,859	19,395	86	95	3 111	161,436	408,585	2,531	2,067
37	46	96 411	26 998,211	528 105,678	19,561	19,097	87	96	2 065	103,516	247,149	2,388	1,924
38	47	96 184	26 023,755	501 107,466	19,256	18,792	88	97	1 313	63,595	143,633	2,259	1,795
39	48	95 921	25 075,019	475 083,712	18,946	18,482	89	98	800	37,429	80,038	2,138	1,674
40	49	95 642	24 156,464	450 008,693	18,629	18,165	90	99	463	20,924	42,609	2,036	1,572
41	50	95 322	23 261,675	425 852,228	18,307	17,843	91	100	257	11,229	21,685	1,931	1,467
42	51	94 982	22 394,823	402 590,554	17,977	17,513							
43	52	94 605	21 551,556	380 195,730	17,641	17,177							
44	53	94 177	20 728,564	358 644,174	17,302	16,838							
45	54	93 707	19 927,661	337 915,610	16,957	16,493							
46	55	93 201	19 149,825	317 987,949	16,605	16,141							
47	56	92 641	18 391,086	298 838,124	16,249	15,785							
48	57	92 025	17 651,036	280 447,037	15,888	15,424							
49	58	91 363	16 931,505	262 796,001	15,521	15,057							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß 3,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	10	99 579	99 579,070	2 621 775,683	26,329	25,865	50	60	90 206	16 151,761	240 862,649	14,912	14,448
1	11	99 187	95 832,731	2 522 196,613	26,319	25,855	51	61	89 361	15 459,364	224 710,888	14,536	14,072
2	12	99 146	92 554,311	2 426 363,882	26,216	25,752	52	62	88 427	14 780,488	209 251,524	14,157	13,693
3	13	99 120	89 400,380	2 333 809,571	26,105	25,641	53	63	87 430	14 119,549	194 471,036	13,773	13,309
4	14	99 097	86 357,431	2 244 409,191	25,990	25,526	54	64	86 361	13 475,365	180 351,486	13,384	12,920
5	15	99 073	83 417,009	2 158 051,760	25,871	25,407	55	65	85 196	12 843,952	166 876,121	12,993	12,529
6	16	99 050	80 577,299	2 074 634,752	25,747	25,283	56	66	83 958	12 229,389	154 032,169	12,595	12,131
7	17	99 024	77 832,259	1 994 057,452	25,620	25,156	57	67	82 633	11 629,368	141 802,780	12,194	11,729
8	18	99 000	75 181,988	1 916 225,193	25,488	25,024	58	68	81 220	11 043,922	130 173,412	11,787	11,323
9	19	98 969	72 616,961	1 841 043,205	25,353	24,889	59	69	79 724	10 473,912	119 129,490	11,374	10,910
10	20	98 941	70 141,315	1 768 426,244	25,212	24,748	60	70	78 125	9 916,688	108 655,578	10,957	10,493
11	21	98 910	67 748,287	1 698 284,929	25,068	24,604	61	71	76 416	9 371,739	98 738,890	10,536	10,072
12	22	98 881	65 437,967	1 630 536,642	24,917	24,453	62	72	74 589	8 838,424	89 367,151	10,111	9,647
13	23	98 848	63 203,871	1 565 098,676	24,763	24,299	63	73	72 628	8 315,012	80 528,727	9,685	9,221
14	24	98 815	61 045,813	1 501 894,805	24,603	24,139	64	74	70 544	7 803,265	72 213,715	9,254	8,790
15	25	98 780	58 960,688	1 440 848,992	24,437	23,973	65	75	68 255	7 294,800	64 410,450	8,830	8,366
16	26	98 740	56 944,178	1 381 888,304	24,267	23,803	66	76	65 785	6 793,018	57 115,650	8,408	7,944
17	27	98 691	54 991,223	1 324 944,126	24,094	23,630	67	77	63 112	6 296,644	50 322,632	7,992	7,528
18	28	98 631	53 099,348	1 269 952,903	23,917	23,453	68	78	60 265	5 809,289	44 025,988	7,579	7,115
19	29	98 559	51 266,049	1 216 853,555	23,736	23,272	69	79	57 216	5 328,815	38 216,699	7,172	6,708
20	30	98 483	49 494,004	1 165 587,506	23,550	23,086	70	80	53 984	4 857,777	32 887,884	6,770	6,306
21	31	98 402	47 781,045	1 116 093,502	23,358	22,894	71	81	50 551	4 395,078	28 030,107	6,378	5,914
22	32	98 319	46 126,377	1 068 312,457	23,161	22,697	72	82	46 945	3 943,544	23 635,029	5,993	5,529
23	33	98 232	44 527,077	1 022 186,080	22,957	22,492	73	83	43 154	3 502,485	19 691,485	5,622	5,158
24	34	98 145	42 983,117	977 659,003	22,745	22,281	74	84	39 240	3 077,146	16 189,000	5,261	4,797
25	35	98 048	41 488,713	934 675,886	22,528	22,064	75	85	35 170	2 664,678	13 111,853	4,921	4,457
26	36	97 955	40 047,755	893 187,173	22,303	21,839	76	86	31 052	2 273,101	10 447,176	4,596	4,132
27	37	97 852	38 652,624	853 139,418	22,072	21,608	77	87	26 955	1 906,508	8 174,074	4,287	3,823
28	38	97 738	37 301,974	814 486,795	21,835	21,371	78	88	22 913	1 565,777	6 267,566	4,003	3,539
29	39	97 624	35 998,845	777 184,821	21,589	21,125	79	89	19 049	1 257,693	4 701,789	3,738	3,274
30	40	97 496	34 735,626	741 185,976	21,338	20,874	80	90	15 390	981,800	3 444,097	3,508	3,044
31	41	97 365	33 515,829	706 450,350	21,078	20,614	81	91	12 162	749,603	2 462,297	3,285	2,821
32	42	97 217	32 333,395	672 934,521	20,812	20,348	82	92	9 272	552,175	1 712,694	3,102	2,638
33	43	97 059	31 189,245	640 601,126	20,539	20,075	83	93	6 914	397,804	1 160,519	2,917	2,453
34	44	96 886	30 080,701	609 411,882	20,259	19,795	84	94	4 999	277,910	762,715	2,744	2,280
35	45	96 700	29 007,810	579 331,181	19,972	19,508	85	95	3 490	187,450	484,805	2,586	2,122
36	46	96 496	27 967,784	550 323,371	19,677	19,213	86	96	2 348	121,875	297,355	2,440	1,976
37	47	96 275	26 960,168	522 355,587	19,375	18,911	87	97	1 518	76,115	175,479	2,305	1,841
38	48	96 027	25 981,203	495 395,419	19,067	18,603	88	98	939	45,485	99,364	2,185	1,721
39	49	95 752	25 030,676	469 414,216	18,754	18,290	89	99	556	26,006	53,880	2,072	1,608
40	50	95 445	24 106,759	444 383,540	18,434	17,970	90	100	312	14,105	27,874	1,976	1,512
41	51	95 112	23 210,429	420 276,782	18,107	17,643							
42	52	94 750	22 340,028	397 066,352	17,774	17,310							
43	53	94 345	21 492,389	374 726,325	17,435	16,971							
44	54	93 894	20 666,243	353 233,935	17,092	16,628							
45	55	93 408	19 864,067	332 567,692	16,742	16,278							
46	56	92 871	19 081,974	312 703,625	16,387	15,923							
47	57	92 292	18 321,711	293 621,651	16,026	15,562							
48	58	91 657	17 580,493	275 299,939	15,659	15,195							
49	59	90 960	16 856,798	257 719,447	15,289	14,825							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	11	99 572	99 572,003	2 615 045,844	26,263	25,799	50	61	89 720	16 064,713	235 598,766	14,666	14,202
1	12	99 179	95 825,068	2 515 473,841	26,251	25,787	51	62	88 848	15 370,524	219 534,053	14,283	13,819
2	13	99 139	92 546,861	2 419 648,773	26,145	25,681	52	63	87 870	14 687,258	204 163,529	13,901	13,437
3	14	99 111	89 392,372	2 327 101,912	26,032	25,568	53	64	86 841	14 024,414	189 476,270	13,510	13,046
4	15	99 086	86 348,071	2 237 709,541	25,915	25,451	54	65	85 727	13 376,329	175 451,856	13,117	12,653
5	16	99 061	83 406,516	2 151 361,470	25,794	25,330	55	66	84 530	12 743,643	162 075,527	12,718	12,254
6	17	99 035	80 564,900	2 067 954,954	25,668	25,204	56	67	83 240	12 124,776	149 331,885	12,316	11,852
7	18	99 008	77 819,769	1 987 390,054	25,538	25,074	57	68	81 879	11 523,165	137 207,109	11,907	11,443
8	19	98 978	75 164,816	1 909 570,285	25,405	24,941	58	69	80 431	10 936,679	125 683,944	11,492	11,028
9	20	98 949	72 601,963	1 834 405,469	25,267	24,803	59	70	78 877	10 362,663	114 747,265	11,073	10,609
10	21	98 919	70 125,744	1 761 803,506	25,123	24,659	60	71	77 218	9 801,607	104 384,602	10,650	10,186
11	22	98 890	67 734,108	1 691 677,762	24,975	24,511	61	72	75 431	9 251,058	94 582,995	10,224	9,760
12	23	98 859	65 423,287	1 623 943,654	24,822	24,358	62	73	73 509	8 710,463	85 331,937	9,796	9,332
13	24	98 825	63 189,424	1 558 520,367	24,664	24,200	63	74	71 447	8 179,800	76 621,474	9,367	8,903
14	25	98 795	61 033,473	1 495 330,944	24,500	24,036	64	75	69 231	7 658,065	68 441,674	8,937	8,473
15	26	98 758	58 947,718	1 434 297,470	24,332	23,868	65	76	66 791	7 138,268	60 783,608	8,515	8,051
16	27	98 717	56 930,701	1 375 349,752	24,158	23,694	66	77	64 174	6 626,638	53 645,340	8,095	7,631
17	28	98 665	54 976,450	1 318 419,051	23,982	23,517	67	78	61 362	6 122,077	47 018,702	7,680	7,216
18	29	98 607	53 085,920	1 263 442,601	23,800	23,336	68	79	58 333	5 622,995	40 896,624	7,273	6,809
19	30	98 531	51 251,340	1 210 356,681	23,616	23,152	69	80	55 138	5 135,347	35 273,629	6,869	6,405
20	31	98 455	49 479,996	1 159 105,341	23,426	22,962	70	81	51 729	4 654,890	30 138,282	6,475	6,011
21	32	98 372	47 766,614	1 109 625,345	23,230	22,766	71	82	48 145	4 185,915	25 483,392	6,088	5,624
22	33	98 284	46 110,026	1 061 858,732	23,029	22,565	72	83	44 357	3 726,080	21 297,477	5,716	5,252
23	34	98 196	44 510,796	1 015 748,705	22,820	22,356	73	84	40 448	3 282,838	17 571,397	5,353	4,888
24	35	98 103	42 964,859	971 237,909	22,605	22,141	74	85	36 403	2 854,620	14 288,559	5,005	4,541
25	36	98 009	41 472,210	928 273,050	22,383	21,919	75	86	32 259	2 444,163	11 433,938	4,678	4,214
26	37	97 909	40 028,723	886 800,839	22,154	21,690	76	87	28 126	2 058,924	8 989,775	4,366	3,902
27	38	97 799	38 631,995	846 772,116	21,919	21,455	77	88	24 036	1 700,049	6 930,851	4,077	3,613
28	39	97 683	37 281,207	808 140,121	21,677	21,213	78	89	20 111	1 374,303	5 230,802	3,806	3,342
29	40	97 560	35 975,030	770 858,913	21,428	20,964	79	90	16 353	1 079,708	3 856,500	3,572	3,108
30	41	97 427	34 711,095	734 883,884	21,171	20,707	80	91	13 008	829,821	2 776,792	3,346	2,882
31	42	97 287	33 488,966	700 172,789	20,908	20,444	81	92	10 001	616,409	1 946,971	3,159	2,695
32	43	97 131	32 304,615	666 683,823	20,637	20,173	82	93	7 518	447,689	1 330,562	2,972	2,508
33	44	96 960	31 157,309	634 379,207	20,361	19,897	83	94	5 481	315,358	882,873	2,800	2,336
34	45	96 777	30 046,916	603 221,898	20,076	19,612	84	95	3 870	215,135	567,514	2,638	2,174
35	46	96 577	28 970,992	573 174,983	19,784	19,320	85	96	2 635	141,514	352,379	2,490	2,026
36	47	96 360	27 928,374	544 203,991	19,486	19,022	86	97	1 727	89,614	210,865	2,353	1,889
37	48	96 118	26 916,085	516 275,616	19,181	18,717	87	98	1 086	54,440	121,250	2,227	1,763
38	49	95 857	25 935,257	489 359,531	18,869	18,404	88	99	652	31,603	66,811	2,114	1,650
39	50	95 555	24 979,171	463 424,275	18,552	18,088	89	100	375	17,531	35,208	2,008	1,544
40	51	95 235	24 053,652	438 445,103	18,228	17,764							
41	52	94 880	23 153,638	414 391,452	17,897	17,433							
42	53	94 490	22 278,696	391 237,813	17,561	17,097							
43	54	94 062	21 427,772	368 959,117	17,219	16,755							
44	55	93 594	20 600,292	347 531,346	16,870	16,406							
45	56	93 077	19 793,686	326 931,053	16,517	16,053							
46	57	92 521	19 009,993	307 137,368	16,157	15,693							
47	58	91 923	18 248,488	288 127,375	15,789	15,325							
48	59	91 253	17 502,922	269 878,887	15,419	14,955							
49	60	90 531	16 777,199	252 375,965	15,043	14,579							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	12	99 564	99 564,040	2 607 921,824	26,193	25,729	50	62	89 205	15 972,394	230 077,051	14,405	13,941
1	13	99 171	95 817,354	2 508 357,783	26,179	25,715	51	63	88 287	15 273,572	214 104,656	14,018	13,554
2	14	99 130	92 538,571	2 412 540,429	26,071	25,607	52	64	87 278	14 588,298	198 831,084	13,629	13,165
3	15	99 100	89 382,683	2 320 001,859	25,956	25,492	53	65	86 202	13 921,343	184 242,787	13,235	12,771
4	16	99 074	86 337,209	2 230 619,176	25,836	25,372	54	66	85 057	13 271,862	170 321,444	12,833	12,369
5	17	99 046	83 393,682	2 144 281,967	25,713	25,249	55	67	83 807	12 634,630	157 049,583	12,430	11,966
6	18	99 019	80 551,972	2 060 888,285	25,585	25,121	56	68	82 480	12 014,049	144 414,952	12,021	11,556
7	19	98 986	77 801,994	1 980 336,313	25,454	24,990	57	69	81 084	11 411,268	132 400,904	11,603	11,139
8	20	98 957	75 149,291	1 902 534,319	25,317	24,853	58	70	79 577	10 820,515	120 989,636	11,182	10,717
9	21	98 927	72 585,846	1 827 385,028	25,176	24,711	59	71	77 962	10 242,407	110 169,121	10,756	10,292
10	22	98 899	70 111,068	1 754 799,182	25,029	24,565	60	72	76 224	9 675,390	99 926,714	10,328	9,864
11	23	98 868	67 718,913	1 684 688,114	24,878	24,414	61	73	74 339	9 117,124	90 251,324	9,899	9,435
12	24	98 836	65 408,332	1 616 969,201	24,721	24,257	62	74	72 314	8 568,821	81 134,200	9,469	9,005
13	25	98 806	63 176,651	1 551 560,869	24,559	24,095	63	75	70 118	8 027,594	72 565,379	9,039	8,575
14	26	98 773	61 020,047	1 488 384,218	24,392	23,928	64	76	67 746	7 493,739	64 537,785	8,612	8,148
15	27	98 735	58 933,767	1 427 364,171	24,220	23,756	65	77	65 155	6 963,432	57 044,046	8,192	7,728
16	28	98 691	56 915,407	1 368 430,404	24,043	23,579	66	78	62 394	6 442,923	50 080,614	7,773	7,309
17	29	98 640	54 962,548	1 311 514,997	23,862	23,398	67	79	59 395	5 925,753	43 637,691	7,364	6,900
18	30	98 578	53 070,689	1 256 552,449	23,677	23,213	68	80	56 215	5 418,847	37 711,938	6,959	6,495
19	31	98 503	51 236,834	1 203 481,760	23,489	23,025	69	81	52 835	4 920,867	32 293,091	6,562	6,098
20	32	98 425	49 465,051	1 152 244,926	23,294	22,830	70	82	49 267	4 433,362	27 372,224	6,174	5,710
21	33	98 337	47 749,682	1 102 779,874	23,095	22,631	71	83	45 491	3 955,086	22 938,863	5,800	5,336
22	34	98 248	46 093,167	1 055 030,193	22,889	22,425	72	84	41 575	3 492,412	18 983,777	5,436	4,972
23	35	98 154	44 491,889	1 008 937,026	22,677	22,213	73	85	37 523	3 045,438	15 491,365	5,087	4,623
24	36	98 064	42 947,770	964 445,137	22,456	21,992	74	86	33 390	2 618,381	12 445,928	4,753	4,289
25	37	97 962	41 452,502	921 497,367	22,230	21,766	75	87	29 220	2 213,868	9 827,540	4,439	3,975
26	38	97 856	40 007,361	880 044,865	21,997	21,533	76	88	25 080	1 835,959	7 613,673	4,147	3,683
27	39	97 745	38 610,488	840 037,504	21,757	21,293	77	89	21 097	1 492,155	5 777,713	3,872	3,408
28	40	97 619	37 256,544	801 427,016	21,511	21,047	78	90	17 265	1 179,815	4 285,558	3,632	3,168
29	41	97 491	35 949,623	764 170,472	21,257	20,793	79	91	13 822	912,574	3 105,742	3,403	2,939
30	42	97 349	34 683,274	728 220,849	20,996	20,532	80	92	10 697	682,373	2 193,169	3,214	2,750
31	43	97 200	33 459,158	693 537,575	20,728	20,264	81	93	8 108	499,768	1 510,795	3,023	2,559
32	44	97 031	32 271,537	660 078,416	20,454	19,990	82	94	5 960	354,905	1 011,027	2,849	2,385
33	45	96 851	31 122,314	627 806,879	20,172	19,708	83	95	4 243	244,124	656,123	2,688	2,224
34	46	96 654	30 008,779	596 684,565	19,884	19,420	84	96	2 922	162,415	411,998	2,537	2,073
35	47	96 441	28 930,169	566 675,786	19,588	19,124	85	97	1 937	104,055	249,583	2,399	1,935
36	48	96 203	27 882,708	537 745,617	19,286	18,822	86	98	1 235	64,095	145,528	2,271	1,806
37	49	95 948	26 868,486	509 862,909	18,976	18,512	87	99	754	37,825	81,433	2,153	1,689
38	50	95 660	25 881,891	482 994,423	18,661	18,197	88	100	440	21,304	43,608	2,047	1,583
39	51	95 344	24 924,142	457 112,532	18,340	17,876							
40	52	95 002	23 994,797	432 188,389	18,012	17,548							
41	53	94 619	23 090,073	408 193,592	17,678	17,214							
42	54	94 206	22 211,714	385 103,519	17,338	16,874							
43	55	93 761	21 359,391	362 891,805	16,990	16,526							
44	56	93 263	20 527,302	341 532,414	16,638	16,174							
45	57	92 726	19 719,020	321 005,112	16,279	15,815							
46	58	92 151	18 934,018	301 286,092	15,912	15,448							
47	59	91 517	18 167,970	282 352,074	15,541	15,077							
48	60	90 822	17 420,273	264 184,104	15,165	14,701							
49	61	90 043	16 686,781	246 763,832	14,788	14,324							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	13	99 556	99 556,026	2 600 393,719	26,120	25,656	50	63	88 642	15 871,646	224 297,101	14,132	13,668
1	14	99 162	95 808,771	2 500 837,694	26,102	25,638	51	64	87 692	15 170,661	208 425,455	13,739	13,275
2	15	99 119	92 528,541	2 405 028,923	25,992	25,528	52	65	86 636	14 481,082	193 254,795	13,345	12,881
3	16	99 088	89 371,439	2 312 500,382	25,875	25,411	53	66	85 529	13 812,619	178 773,712	12,943	12,479
4	17	99 059	86 323,924	2 223 128,943	25,753	25,289	54	67	84 330	13 158,331	164 961,094	12,537	12,073
5	18	99 030	83 380,299	2 136 805,019	25,627	25,163	55	68	83 042	12 519,247	151 802,763	12,126	11,662
6	19	98 996	80 533,573	2 053 424,720	25,498	25,034	56	69	81 679	11 897,385	139 283,516	11,707	11,243
7	20	98 965	77 785,925	1 972 891,147	25,363	24,899	57	70	80 223	11 290,063	127 386,131	11,283	10,819
8	21	98 935	75 132,609	1 895 105,221	25,223	24,759	58	71	78 654	10 694,945	116 096,068	10,855	10,391
9	22	98 906	72 570,654	1 819 972,613	25,079	24,615	59	72	76 958	10 110,514	105 401,123	10,425	9,961
10	23	98 876	70 095,340	1 747 401,958	24,929	24,465	60	73	75 120	9 535,313	95 290,609	9,993	9,529
11	24	98 845	67 703,434	1 677 306,619	24,774	24,310	61	74	73 131	8 968,868	85 755,297	9,561	9,097
12	25	98 817	65 395,111	1 609 603,185	24,614	24,149	62	75	70 968	8 409,376	76 786,428	9,131	8,667
13	26	98 784	63 162,753	1 544 208,074	24,448	23,984	63	76	68 613	7 855,339	68 377,052	8,705	8,241
14	27	98 749	61 005,606	1 481 045,321	24,277	23,813	64	77	66 086	7 310,196	60 521,714	8,279	7,815
15	28	98 708	58 917,935	1 420 039,715	24,102	23,638	65	78	63 348	6 770,380	53 211,517	7,859	7,395
16	29	98 666	56 901,014	1 361 121,780	23,921	23,457	66	79	60 394	6 236,310	46 441,137	7,447	6,983
17	30	98 612	54 946,778	1 304 220,766	23,736	23,272	67	80	57 238	5 710,613	40 204,828	7,040	6,576
18	31	98 550	53 055,668	1 249 273,988	23,546	23,082	68	81	53 867	5 192,526	34 494,215	6,643	6,179
19	32	98 473	51 221,359	1 196 218,319	23,354	22,890	69	82	50 321	4 686,681	29 301,689	6,252	5,788
20	33	98 390	49 447,517	1 144 996,960	23,156	22,692	70	83	46 550	4 188,887	24 615,008	5,876	5,412
21	34	98 301	47 732,223	1 095 549,443	22,952	22,488	71	84	42 638	3 707,056	20 426,121	5,510	5,046
22	35	98 206	46 073,588	1 047 817,220	22,742	22,278	72	85	38 568	3 239,856	16 719,065	5,160	4,696
23	36	98 115	44 474,192	1 001 743,632	22,524	22,060	73	86	34 418	2 793,413	13 479,209	4,825	4,361
24	37	98 017	42 927,360	957 269,440	22,300	21,836	74	87	30 244	2 371,676	10 685,796	4,506	4,042
25	38	97 910	41 430,380	914 342,080	22,069	21,605	75	88	26 056	1 974,124	8 314,120	4,212	3,748
26	39	97 802	39 985,088	872 911,700	21,831	21,367	76	89	22 013	1 611,445	6 339,996	3,934	3,470
27	40	97 680	38 584,945	832 926,612	21,587	21,123	77	90	18 111	1 280,990	4 728,550	3,691	3,227
28	41	97 550	37 230,232	794 341,666	21,336	20,872	78	91	14 592	997,185	3 447,560	3,457	2,993
29	42	97 413	35 920,810	757 111,434	21,077	20,613	79	92	11 366	750,422	2 450,375	3,265	2,801
30	43	97 262	34 652,403	721 190,624	20,812	20,348	80	93	8 673	553,251	1 699,954	3,073	2,609
31	44	97 100	33 424,898	686 538,222	20,540	20,076	81	94	6 428	396,190	1 146,703	2,894	2,430
32	45	96 922	32 235,291	653 113,323	20,261	19,797	82	95	4 613	274,738	750,513	2,732	2,268
33	46	96 728	31 082,813	620 878,032	19,975	19,511	83	96	3 203	184,301	475,775	2,582	2,117
34	47	96 518	29 966,493	589 795,219	19,682	19,218	84	97	2 148	119,423	291,475	2,441	1,977
35	48	96 284	28 882,865	559 828,725	19,383	18,919	85	98	1 386	74,423	172,052	2,312	1,848
36	49	96 033	27 833,400	530 945,861	19,076	18,612	86	99	858	44,534	97,628	2,192	1,728
37	50	95 751	26 813,200	503 112,461	18,764	18,300	87	100	509	25,498	53,095	2,082	1,618
38	51	95 449	25 824,873	476 299,261	18,443	17,979							
39	52	95 111	24 863,158	450 474,388	18,118	17,654							
40	53	94 741	23 928,923	425 611,230	17,786	17,322							
41	54	94 335	23 020,652	401 682,307	17,449	16,985							
42	55	93 905	22 140,832	378 661,656	17,102	16,638							
43	56	93 429	21 283,711	356 520,824	16,751	16,287							
44	57	92 911	20 449,869	335 237,113	16,393	15,929							
45	58	92 355	19 640,211	314 787,244	16,028	15,564							
46	59	91 744	18 850,476	295 147,033	15,657	15,193							
47	60	91 085	18 082,180	276 296,557	15,280	14,816							
48	61	90 333	17 326,389	258 214,377	14,903	14,439							
49	62	89 525	16 590,887	240 887,988	14,519	14,055							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	14	99 547	99 547,108	2 592 450,874	26,042	25,578	50	64	88 045	15 764,705	218 262,258	13,845	13,381
1	15	99 151	95 798,386	2 492 903,766	26,022	25,558	51	65	87 048	15 059,165	202 497,553	13,447	12,983
2	16	99 106	92 516,902	2 397 105,380	25,910	25,446	52	66	85 960	14 367,987	187 438,388	13,046	12,582
3	17	99 072	89 357,687	2 304 588,478	25,791	25,327	53	67	84 798	13 694,462	173 070,401	12,638	12,174
4	18	99 043	86 310,071	2 215 230,791	25,666	25,202	54	68	83 559	13 038,165	159 375,939	12,224	11,760
5	19	99 007	83 361,254	2 128 920,719	25,538	25,074	55	69	82 236	12 397,677	146 337,774	11,804	11,340
6	20	98 976	80 516,940	2 045 559,465	25,405	24,941	56	70	80 812	11 771,016	133 940,097	11,379	10,915
7	21	98 943	77 768,658	1 965 042,525	25,268	24,804	57	71	79 292	11 159,045	122 169,081	10,948	10,484
8	22	98 915	75 116,884	1 887 273,868	25,124	24,660	58	72	77 641	10 557,225	111 010,036	10,515	10,051
9	23	98 884	72 554,375	1 812 156,984	24,977	24,513	59	73	75 844	9 964,137	100 452,811	10,081	9,617
10	24	98 854	70 079,317	1 739 602,609	24,823	24,359	60	74	73 899	9 380,257	90 488,675	9,647	9,183
11	25	98 825	67 689,749	1 669 523,292	24,664	24,200	61	75	71 770	8 801,980	81 108,418	9,215	8,751
12	26	98 795	65 380,725	1 601 833,543	24,500	24,036	62	76	69 446	8 228,928	72 306,438	8,787	8,323
13	27	98 760	63 147,805	1 536 452,818	24,331	23,867	63	77	66 933	7 662,939	64 077,510	8,362	7,898
14	28	98 723	60 989,217	1 473 305,013	24,157	23,693	64	78	64 254	7 107,531	56 414,571	7,937	7,473
15	29	98 683	58 903,036	1 412 315,797	23,977	23,513	65	79	61 317	6 553,266	49 307,040	7,524	7,060
16	30	98 637	56 884,688	1 353 412,761	23,792	23,328	66	80	58 201	6 009,895	42 753,774	7,114	6,650
17	31	98 584	54 931,227	1 296 528,072	23,603	23,139	67	81	54 848	5 472,106	36 743,880	6,715	6,251
18	32	98 521	53 039,644	1 241 596,846	23,409	22,945	68	82	51 303	4 945,412	31 271,774	6,323	5,859
19	33	98 438	51 203,203	1 188 557,202	23,213	22,749	69	83	47 546	4 428,237	26 326,362	5,945	5,481
20	34	98 354	49 429,438	1 137 353,999	23,010	22,546	70	84	43 631	3 926,195	21 898,125	5,577	5,113
21	35	98 259	47 711,947	1 087 924,561	22,802	22,338	71	85	39 554	3 438,977	17 971,929	5,226	4,762
22	36	98 167	46 055,262	1 040 212,614	22,586	22,122	72	86	35 377	2 971,743	14 532,952	4,890	4,426
23	37	98 069	44 453,057	994 157,352	22,364	21,900	73	87	31 175	2 530,211	11 561,209	4,569	4,105
24	38	97 965	42 904,451	949 704,295	22,135	21,671	74	88	26 969	2 114,843	9 030,999	4,270	3,806
25	39	97 856	41 407,315	906 799,844	21,900	21,435	75	89	22 869	1 732,714	6 916,156	3,992	3,527
26	40	97 737	39 958,636	865 392,529	21,657	21,193	76	90	18 898	1 383,398	5 183,441	3,747	3,283
27	41	97 611	38 557,696	825 433,893	21,408	20,944	77	91	15 308	1 082,698	3 800,043	3,510	3,046
28	42	97 471	37 200,392	786 876,198	21,152	20,688	78	92	11 999	819,999	2 717,345	3,314	2,850
29	43	97 326	35 888,837	749 675,805	20,889	20,425	79	93	9 215	608,422	1 897,346	3,118	2,654
30	44	97 163	34 616,921	713 786,968	20,620	20,156	80	94	6 875	438,588	1 288,923	2,939	2,475
31	45	96 991	33 387,357	679 170,047	20,342	19,878	81	95	4 976	306,697	850,335	2,773	2,309
32	46	96 799	32 194,377	645 782,690	20,059	19,595	82	96	3 483	207,412	543,638	2,621	2,157
33	47	96 592	31 039,014	613 588,313	19,768	19,304	83	97	2 355	135,515	336,226	2,481	2,017
34	48	96 360	29 917,495	582 549,299	19,472	19,008	84	98	1 536	85,415	200,710	2,350	1,886
35	49	96 113	28 831,787	552 631,805	19,167	18,703	85	99	963	51,710	115,295	2,230	1,766
36	50	95 835	27 776,128	523 800,017	18,858	18,394	86	100	578	30,020	63,586	2,118	1,654
37	51	95 540	26 754,130	496 023,889	18,540	18,076							
38	52	95 215	25 761,685	469 269,759	18,216	17,752							
39	53	94 850	24 794,899	443 508,073	17,887	17,423							
40	54	94 456	23 856,979	418 713,174	17,551	17,087							
41	55	94 034	22 947,188	394 856,195	17,207	16,743							
42	56	93 572	22 062,383	371 909,007	16,857	16,393							
43	57	93 077	21 203,425	349 846,624	16,500	16,036							
44	58	92 539	20 368,140	328 643,199	16,135	15,671							
45	59	91 948	19 553,553	308 275,060	15,766	15,302							
46	60	91 311	18 761,463	288 721,507	15,389	14,925							
47	61	90 594	17 984,729	269 960,044	15,011	14,546							
48	62	89 814	17 226,819	251 975,315	14,627	14,163							
49	63	88 961	16 486,238	234 748,496	14,239	13,775							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	15	99 536	99 536,318	2 584 083,512	25,961	25,497	50	65	87 398	15 648,844	211 974,052	13,546	13,082
1	16	99 139	95 786,336	2 484 547,194	25,938	25,474	51	66	86 368	14 941,555	196 325,208	13,140	12,676
2	17	99 091	92 502,666	2 388 760,858	25,824	25,360	52	67	85 224	14 245,079	181 383,653	12,733	12,269
3	18	99 057	89 343,348	2 296 258,193	25,702	25,237	53	68	84 023	13 569,400	167 138,573	12,317	11,853
4	19	99 020	86 290,357	2 206 914,845	25,575	25,111	54	69	82 748	12 911,556	153 569,173	11,894	11,430
5	20	98 987	83 344,037	2 120 624,488	25,444	24,980	55	70	81 362	12 265,995	140 657,617	11,467	11,003
6	21	98 954	80 499,066	2 037 280,451	25,308	24,844	56	71	79 874	11 634,417	128 391,622	11,036	10,571
7	22	98 923	77 752,381	1 956 781,385	25,167	24,703	57	72	78 271	11 015,348	116 757,205	10,600	10,135
8	23	98 892	75 100,033	1 879 029,003	25,020	24,556	58	73	76 517	10 404,380	105 741,858	10,163	9,699
9	24	98 862	72 537,790	1 803 928,970	24,869	24,405	59	74	74 611	9 802,108	95 337,478	9,726	9,262
10	25	98 834	70 065,152	1 731 391,180	24,711	24,247	60	75	72 523	9 205,713	85 535,370	9,292	8,828
11	26	98 803	67 674,858	1 661 326,029	24,549	24,085	61	76	70 230	8 613,107	76 329,656	8,862	8,398
12	27	98 771	65 365,252	1 593 651,170	24,381	23,917	62	77	67 745	8 027,379	67 716,549	8,436	7,972
13	28	98 734	63 130,840	1 528 285,919	24,208	23,744	63	78	65 077	7 450,494	59 689,170	8,011	7,547
14	29	98 698	60 973,794	1 465 155,079	24,029	23,565	64	79	62 194	6 879,605	52 238,676	7,593	7,129
15	30	98 655	58 886,136	1 404 181,284	23,846	23,382	65	80	59 091	6 315,343	45 359,072	7,182	6,718
16	31	98 609	56 868,588	1 345 295,149	23,656	23,192	66	81	55 770	5 758,888	39 043,728	6,780	6,316
17	32	98 554	54 914,636	1 288 426,561	23,462	22,998	67	82	52 237	5 211,687	33 284,840	6,387	5,923
18	33	98 486	53 020,843	1 233 511,925	23,265	22,801	68	83	48 474	4 672,700	28 073,154	6,008	5,544
19	34	98 402	51 184,481	1 180 491,082	23,063	22,599	69	84	44 564	4 150,535	23 400,453	5,638	5,174
20	35	98 312	49 408,441	1 129 306,601	22,857	22,393	70	85	40 476	3 642,270	19 249,918	5,285	4,821
21	36	98 220	47 692,970	1 079 898,159	22,643	22,179	71	86	36 281	3 154,386	15 607,648	4,948	4,484
22	37	98 121	46 033,376	1 032 205,190	22,423	21,959	72	87	32 043	2 691,737	12 453,262	4,626	4,162
23	38	98 016	44 429,334	986 171,814	22,196	21,732	73	88	27 799	2 256,210	9 761,525	4,327	3,862
24	39	97 910	42 880,565	941 742,481	21,962	21,498	74	89	23 671	1 856,225	7 505,315	4,043	3,579
25	40	97 791	41 379,922	898 861,915	21,722	21,258	75	90	19 633	1 487,506	5 649,090	3,798	3,334
26	41	97 668	39 930,416	857 481,994	21,474	21,010	76	91	15 973	1 169,254	4 161,584	3,559	3,095
27	42	97 533	38 526,792	817 551,577	21,220	20,756	77	92	12 588	890,317	2 992,330	3,361	2,897
28	43	97 385	37 167,281	779 024,785	20,960	20,496	78	93	9 729	664,834	2 102,012	3,162	2,698
29	44	97 226	35 852,089	741 857,505	20,692	20,228	79	94	7 305	482,325	1 437,179	2,980	2,516
30	45	97 053	34 578,041	706 005,416	20,418	19,954	80	95	5 322	339,519	954,853	2,812	2,348
31	46	96 868	33 344,981	671 427,375	20,136	19,672	81	96	3 757	231,540	615,335	2,658	2,194
32	47	96 663	32 149,012	638 082,394	19,848	19,384	82	97	2 561	152,509	383,795	2,517	2,053
33	48	96 434	30 988,261	605 933,382	19,554	19,090	83	98	1 685	96,924	231,285	2,386	1,922
34	49	96 190	29 864,588	574 945,121	19,252	18,788	84	99	1 068	59,347	134,361	2,264	1,800
35	50	95 916	28 772,461	545 080,533	18,945	18,480	85	100	649	34,857	75,014	2,152	1,688
36	51	95 624	27 714,938	516 308,072	18,629	18,165							
37	52	95 306	26 688,669	488 593,134	18,307	17,843							
38	53	94 954	25 690,960	461 904,466	17,979	17,515							
39	54	94 565	24 720,352	436 213,506	17,646	17,182							
40	55	94 155	23 780,846	411 493,153	17,304	16,840							
41	56	93 701	22 865,882	387 712,307	16,956	16,492							
42	57	93 219	21 979,159	364 846,425	16,600	16,136							
43	58	92 705	21 118,684	342 867,266	16,235	15,771							
44	59	92 131	20 278,269	321 748,582	15,867	15,403							
45	60	91 514	19 461,220	301 470,313	15,491	15,027							
46	61	90 819	18 660,351	282 009,093	15,113	14,649							
47	62	90 074	17 881,376	263 348,742	14,728	14,264							
48	63	89 247	17 118,158	245 467,366	14,340	13,876							
49	64	88 361	16 375,156	228 349,207	13,945	13,481							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$
0	16	99 524	99 523,797	2 575 282,799	25,876	25,412	50	66	86 715	15 526,628	205 437,186	13,231	12,767
1	17	99 124	95 771,597	2 475 759,002	25,851	25,387	51	67	85 629	14 813,741	189 910,557	12,820	12,356
2	18	99 075	92 487,822	2 379 987,405	25,733	25,269	52	68	84 446	14 114,989	175 096,816	12,405	11,941
3	19	99 034	89 322,941	2 287 499,583	25,609	25,145	53	69	83 207	13 437,633	160 981,827	11,980	11,516
4	20	99 000	86 272,535	2 198 176,642	25,479	25,015	54	70	81 869	12 774,416	147 544,195	11,550	11,086
5	21	98 965	83 325,535	2 111 904,107	25,345	24,881	55	71	80 418	12 123,652	134 769,779	11,116	10,652
6	22	98 933	80 482,218	2 028 578,572	25,205	24,741	56	72	78 845	11 484,598	122 646,127	10,679	10,215
7	23	98 901	77 734,939	1 948 096,354	25,061	24,597	57	73	77 137	10 855,870	111 161,529	10,240	9,776
8	24	98 870	75 082,867	1 870 361,415	24,911	24,447	58	74	75 272	10 235,192	100 305,658	9,800	9,336
9	25	98 842	72 523,127	1 795 278,548	24,755	24,291	59	75	73 222	9 619,715	90 070,466	9,363	8,899
10	26	98 812	70 049,739	1 722 755,421	24,593	24,129	60	76	70 967	9 008,178	80 450,751	8,931	8,467
11	27	98 780	67 658,842	1 652 705,682	24,427	23,963	61	77	68 510	8 402,148	71 442,574	8,503	8,039
12	28	98 745	65 347,692	1 585 046,840	24,256	23,792	62	78	65 867	7 804,830	63 040,426	8,077	7,613
13	29	98 709	63 114,876	1 519 699,148	24,078	23,614	63	79	62 990	7 211,570	55 235,595	7,659	7,195
14	30	98 670	60 956,300	1 456 584,272	23,896	23,432	64	80	59 936	6 629,834	48 024,026	7,244	6,780
15	31	98 627	58 869,469	1 395 627,973	23,707	23,243	65	81	56 623	6 051,579	41 394,192	6,840	6,376
16	32	98 580	56 851,412	1 336 758,504	23,513	23,049	66	82	53 116	5 484,821	35 342,612	6,444	5,980
17	33	98 519	54 895,170	1 279 907,091	23,315	22,851	67	83	49 357	4 924,292	29 857,792	6,063	5,599
18	34	98 450	53 001,457	1 225 011,921	23,113	22,649	68	84	45 434	4 379,668	24 933,500	5,693	5,229
19	35	98 360	51 162,739	1 172 010,464	22,908	22,443	69	85	41 342	3 850,386	20 553,832	5,338	4,874
20	36	98 273	49 388,789	1 120 847,725	22,694	22,230	70	86	37 126	3 340,855	16 703,446	5,000	4,536
21	37	98 174	47 670,305	1 071 458,936	22,476	22,012	71	87	32 863	2 857,171	13 362,591	4,677	4,213
22	38	98 068	46 008,808	1 023 788,631	22,252	21,788	72	88	28 573	2 400,244	10 505,419	4,377	3,913
23	39	97 962	44 404,599	977 779,823	22,020	21,556	73	89	24 399	1 980,305	8 105,175	4,093	3,629
24	40	97 846	42 852,198	933 375,224	21,781	21,317	74	90	20 321	1 593,538	6 124,870	3,844	3,380
25	41	97 722	41 350,698	890 523,026	21,536	21,072	75	91	16 594	1 257,247	4 531,332	3,604	3,140
26	42	97 590	39 898,412	849 172,328	21,283	20,819	76	92	13 134	961,494	3 274,086	3,405	2,941
27	43	97 446	38 492,500	809 273,916	21,024	20,560	77	93	10 206	721,846	2 312,592	3,204	2,740
28	44	97 285	37 129,224	770 781,416	20,759	20,295	78	94	7 713	527,045	1 590,746	3,018	2,554
29	45	97 117	35 811,822	733 652,192	20,486	20,022	79	95	5 655	373,376	1 063,701	2,849	2,385
30	46	96 930	34 534,153	697 840,371	20,207	19,743	80	96	4 018	256,318	690,324	2,693	2,229
31	47	96 732	33 297,994	663 306,218	19,920	19,456	81	97	2 762	170,250	434,006	2,549	2,085
32	48	96 505	32 096,445	630 008,224	19,629	19,165	82	98	1 832	109,079	263,756	2,418	1,954
33	49	96 263	30 933,461	597 911,779	19,329	18,865	83	99	1 170	67,344	154,677	2,297	1,833
34	50	95 992	29 803,137	566 978,319	19,024	18,560	84	100	720	40,006	87,333	2,183	1,719
35	51	95 704	28 709,076	537 175,182	18,711	18,247							
36	52	95 390	27 647,125	508 466,106	18,391	17,927							
37	53	95 044	26 615,398	480 818,981	18,065	17,601							
38	54	94 669	25 613,719	454 203,583	17,733	17,269							
39	55	94 263	24 641,464	428 589,864	17,393	16,929							
40	56	93 821	23 696,587	403 948,400	17,047	16,583							
41	57	93 347	22 779,627	380 251,813	16,693	16,229							
42	58	92 847	21 891,318	357 472,185	16,329	15,865							
43	59	92 296	21 025,501	335 580,867	15,961	15,497							
44	60	91 696	20 182,515	314 555,366	15,586	15,122							
45	61	91 020	19 356,337	294 372,851	15,208	14,744							
46	62	90 297	18 553,115	275 016,514	14,823	14,359							
47	63	89 505	17 768,586	256 463,399	14,434	13,970							
48	64	88 646	17 002,819	238 694,812	14,039	13,575							
49	65	87 712	16 254,808	221 691,994	13,639	13,175							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	17	99 508	99 508,483	2 566 039,640	25,787	25,323	50	67	85 973	15 393,809	198 654,083	12,905	12,441
1	18	99 108	95 756,228	2 466 531,157	25,758	25,294	51	68	84 847	14 678,458	183 260,273	12,485	12,021
2	19	99 053	92 466,696	2 370 774,929	25,639	25,175	52	69	83 626	13 977,923	168 581,815	12,061	11,597
3	20	99 013	89 304,492	2 278 308,232	25,512	25,048	53	70	82 323	13 294,905	154 603,892	11,629	11,165
4	21	98 978	86 253,383	2 189 003,740	25,379	24,915	54	71	80 919	12 626,172	141 308,987	11,192	10,728
5	22	98 944	83 308,096	2 102 750,357	25,241	24,777	55	72	79 382	11 967,533	128 682,815	10,753	10,289
6	23	98 911	80 464,164	2 019 442,261	25,097	24,633	56	73	77 704	11 318,328	116 715,282	10,312	9,848
7	24	98 878	77 717,170	1 938 978,097	24,949	24,485	57	74	75 883	10 679,341	105 396,955	9,869	9,405
8	25	98 850	75 067,690	1 861 260,927	24,794	24,330	58	75	73 872	10 044,741	94 717,614	9,430	8,966
9	26	98 820	72 507,174	1 786 193,237	24,635	24,171	59	76	71 651	9 413,295	84 672,873	8,995	8,531
10	27	98 789	70 033,160	1 713 686,063	24,470	24,006	60	77	69 229	8 787,542	75 259,578	8,564	8,100
11	28	98 753	67 640,665	1 643 652,903	24,300	23,836	61	78	66 610	8 169,209	66 472,035	8,137	7,673
12	29	98 720	65 331,167	1 576 012,238	24,123	23,659	62	79	63 754	7 554,543	58 302,826	7,718	7,254
13	30	98 681	63 096,767	1 510 681,071	23,942	23,478	63	80	60 703	6 949,747	50 748,283	7,302	6,838
14	31	98 642	60 939,047	1 447 584,303	23,755	23,291	64	81	57 432	6 352,935	43 798,536	6,894	6,430
15	32	98 597	58 851,689	1 386 645,256	23,562	23,098	65	82	53 928	5 763,583	37 445,601	6,497	6,033
16	33	98 545	56 831,260	1 327 793,567	23,364	22,900	66	83	50 187	5 182,364	31 682,018	6,113	5,649
17	34	98 483	54 875,099	1 270 962,307	23,161	22,697	67	84	46 262	4 615,482	26 499,654	5,741	5,277
18	35	98 408	52 978,943	1 216 087,209	22,954	22,490	68	85	42 149	4 062,949	21 884,173	5,386	4,922
19	36	98 321	51 142,389	1 163 108,266	22,743	22,279	69	86	37 920	3 531,749	17 821,224	5,046	4,582
20	37	98 227	49 365,319	1 111 965,877	22,525	22,061	70	87	33 628	3 026,071	14 289,475	4,722	4,258
21	38	98 121	47 644,864	1 062 600,558	22,303	21,838	71	88	29 304	2 547,764	11 263,404	4,421	3,957
22	39	98 014	45 983,195	1 014 955,694	22,072	21,608	72	89	25 079	2 106,725	8 715,640	4,137	3,673
23	40	97 897	44 375,223	968 972,499	21,836	21,372	73	90	20 946	1 700,058	6 608,915	3,887	3,423
24	41	97 777	42 821,934	924 597,276	21,592	21,128	74	91	17 176	1 346,865	4 908,857	3,645	3,181
25	42	97 644	41 317,556	881 775,342	21,341	20,877	75	92	13 645	1 033,851	3 561,992	3,445	2,981
26	43	97 503	39 862,899	840 457,786	21,084	20,620	76	93	10 649	779,554	2 528,141	3,243	2,779
27	44	97 347	38 453,086	800 594,887	20,820	20,356	77	94	8 091	572,242	1 748,587	3,056	2,592
28	45	97 176	37 087,522	762 141,801	20,550	20,086	78	95	5 970	407,995	1 176,345	2,883	2,419
29	46	96 994	35 766,368	725 054,279	20,272	19,808	79	96	4 269	281,879	768,350	2,726	2,262
30	47	96 794	34 485,491	689 287,911	19,988	19,524	80	97	2 954	188,470	486,471	2,581	2,117
31	48	96 574	33 243,548	654 802,421	19,697	19,233	81	98	1 976	121,768	298,002	2,447	1,983
32	49	96 334	32 039,684	621 558,873	19,400	18,936	82	99	1 273	75,789	176,234	2,325	1,861
33	50	96 065	30 869,810	589 519,189	19,097	18,633	83	100	789	45,396	100,445	2,213	1,749
34	51	95 780	29 737,481	558 649,378	18,786	18,322							
35	52	95 470	28 638,831	528 911,897	18,468	18,004							
36	53	95 128	27 571,223	500 273,067	18,145	17,681							
37	54	94 759	26 535,378	472 701,844	17,814	17,350							
38	55	94 366	25 531,980	446 166,466	17,475	17,011							
39	56	93 929	24 554,156	420 634,486	17,131	16,667							
40	57	93 467	23 607,199	396 080,330	16,778	16,314							
41	58	92 974	22 688,587	372 473,132	16,417	15,953							
42	59	92 437	21 794,727	349 784,545	16,049	15,585							
43	60	91 860	20 926,219	327 989,818	15,674	15,210							
44	61	91 202	20 073,744	307 063,599	15,297	14,833							
45	62	90 497	19 245,102	286 989,855	14,912	14,448							
46	63	89 727	18 436,089	267 744,754	14,523	14,059							
47	64	88 902	17 648,864	249 308,665	14,126	13,662							
48	65	87 994	16 877,858	231 659,801	13,726	13,262							
49	66	87 027	16 127,860	214 781,943	13,317	12,853							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	18	99 493	99 492,515	2 556 345,850	25,694	25,230	50	68	85 188	15 253,228	191 631,790	12,563	12,099
1	19	99 085	95 734,356	2 456 853,335	25,663	25,199	51	69	84 023	14 535,921	176 378,561	12,134	11,670
2	20	99 032	92 447,598	2 361 118,978	25,540	25,076	52	70	82 738	13 829,457	161 842,641	11,703	11,239
3	21	98 992	89 284,667	2 268 671,380	25,409	24,945	53	71	81 368	13 140,621	148 013,184	11,264	10,800
4	22	98 957	86 235,331	2 179 386,712	25,273	24,809	54	72	79 877	12 463,582	134 872,563	10,821	10,357
5	23	98 922	83 289,408	2 093 151,381	25,131	24,667	55	73	78 233	11 794,270	122 408,981	10,379	9,915
6	24	98 888	80 445,771	2 009 861,973	24,984	24,520	56	74	76 440	11 134,278	110 614,710	9,935	9,471
7	25	98 858	77 701,461	1 929 416,202	24,831	24,367	57	75	74 471	10 480,625	99 480,432	9,492	9,028
8	26	98 828	75 051,176	1 851 714,742	24,673	24,209	58	76	72 287	9 829,201	88 999,807	9,055	8,591
9	27	98 796	72 490,014	1 776 663,565	24,509	24,045	59	77	69 896	9 182,737	79 170,606	8,622	8,158
10	28	98 762	70 014,346	1 704 173,551	24,340	23,876	60	78	67 310	8 543,919	69 987,869	8,192	7,728
11	29	98 728	67 623,561	1 634 159,205	24,166	23,702	61	79	64 474	7 907,237	61 443,950	7,771	7,307
12	30	98 692	65 312,422	1 566 535,644	23,985	23,521	62	80	61 440	7 280,268	53 536,713	7,354	6,890
13	31	98 653	63 078,909	1 501 223,222	23,799	23,335	63	81	58 168	6 659,487	46 256,445	6,946	6,482
14	32	98 612	60 920,642	1 438 144,313	23,607	23,143	64	82	54 699	6 050,597	39 596,958	6,544	6,080
15	33	98 562	58 830,828	1 377 223,671	23,410	22,946	65	83	50 954	5 445,754	33 546,361	6,160	5,696
16	34	98 509	56 810,480	1 318 392,844	23,207	22,743	66	84	47 040	4 857,370	28 100,607	5,785	5,321
17	35	98 441	54 851,789	1 261 582,363	23,000	22,536	67	85	42 916	4 281,710	23 243,237	5,428	4,964
18	36	98 369	52 957,870	1 206 730,574	22,787	22,323	68	86	38 661	3 726,721	18 961,528	5,088	4,624
19	37	98 275	51 118,085	1 153 772,704	22,571	22,107	69	87	34 348	3 198,978	15 234,806	4,762	4,298
20	38	98 174	49 338,973	1 102 654,619	22,349	21,885	70	88	29 987	2 698,373	12 035,828	4,460	3,996
21	39	98 067	47 618,340	1 053 315,645	22,120	21,656	71	89	25 720	2 236,205	9 337,456	4,176	3,712
22	40	97 949	45 952,774	1 005 697,306	21,885	21,421	72	90	21 530	1 808,588	7 101,251	3,926	3,462
23	41	97 828	44 343,884	959 744,531	21,643	21,179	73	91	17 704	1 436,896	5 292,663	3,683	3,219
24	42	97 698	42 787,613	915 400,647	21,394	20,930	74	92	14 124	1 107,545	3 855,766	3,481	3,017
25	43	97 557	41 280,780	872 613,034	21,138	20,674	75	93	11 063	838,219	2 748,221	3,279	2,815
26	44	97 403	39 822,082	831 332,255	20,876	20,412	76	94	8 442	617,989	1 910,001	3,091	2,627
27	45	97 237	38 409,897	791 510,173	20,607	20,143	77	95	6 263	442,982	1 292,012	2,917	2,453
28	46	97 052	37 040,449	753 100,276	20,332	19,868	78	96	4 507	308,014	849,030	2,756	2,292
29	47	96 857	35 715,969	716 059,827	20,049	19,585	79	97	3 139	207,264	541,015	2,610	2,146
30	48	96 635	34 429,103	680 343,857	19,761	19,297	80	98	2 113	134,799	333,751	2,476	2,012
31	49	96 403	33 184,759	645 914,755	19,464	19,000	81	99	1 373	84,605	198,952	2,352	1,888
32	50	96 136	31 973,758	612 729,996	19,164	18,700	82	100	858	51,089	114,347	2,238	1,774
33	51	95 853	30 801,804	580 756,238	18,855	18,391							
34	52	95 546	29 664,719	549 954,434	18,539	18,075							
35	53	95 208	28 560,206	520 289,714	18,217	17,753							
36	54	94 842	27 488,329	491 729,508	17,889	17,425							
37	55	94 456	26 450,698	464 241,179	17,551	17,087							
38	56	94 032	25 441,516	437 790,481	17,208	16,744							
39	57	93 574	24 461,532	412 348,965	16,857	16,393							
40	58	93 093	23 512,851	387 887,433	16,497	16,033							
41	59	92 564	22 588,478	364 374,582	16,131	15,667							
42	60	92 001	21 691,812	341 786,104	15,756	15,292							
43	61	91 365	20 813,440	320 094,293	15,379	14,915							
44	62	90 678	19 958,386	299 280,853	14,995	14,531							
45	63	89 927	19 123,711	279 322,467	14,606	14,142							
46	64	89 123	18 311,869	260 198,756	14,209	13,745							
47	65	88 249	17 519,155	241 886,887	13,807	13,343							
48	66	87 307	16 746,044	224 367,732	13,398	12,934							
49	67	86 283	15 989,898	207 621,688	12,985	12,521							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	19	99 470	99 469,790	2 546 190,781	25,598	25,134	50	69	84 361	15 105,110	184 374,735	12,206	11,742
1	20	99 065	95 714,584	2 446 720,992	25,563	25,099	51	70	83 131	14 381,527	169 269,625	11,770	11,306
2	21	99 010	92 427,076	2 351 006,408	25,436	24,972	52	71	81 778	13 668,970	154 888,098	11,331	10,867
3	22	98 971	89 265,981	2 258 579,332	25,302	24,838	53	72	80 320	12 971,407	141 219,128	10,887	10,423
4	23	98 935	86 215,986	2 169 313,351	25,161	24,697	54	73	78 721	12 283,138	128 247,722	10,441	9,977
5	24	98 899	83 270,369	2 083 097,365	25,016	24,552	55	74	76 961	11 602,482	115 964,584	9,995	9,531
6	25	98 868	80 429,510	1 999 826,996	24,864	24,400	56	75	75 018	10 927,097	104 362,102	9,551	9,087
7	26	98 836	77 684,368	1 919 397,486	24,708	24,244	57	76	72 873	10 255,732	93 435,006	9,111	8,646
8	27	98 805	75 033,414	1 841 713,118	24,545	24,081	58	77	70 516	9 588,456	83 179,273	8,675	8,211
9	28	98 770	72 470,539	1 766 679,703	24,378	23,914	59	78	67 958	8 928,158	73 590,817	8,243	7,779
10	29	98 737	69 996,641	1 694 209,164	24,204	23,740	60	79	65 151	8 269,930	64 662,659	7,819	7,355
11	30	98 700	67 604,159	1 624 212,523	24,025	23,561	61	80	62 133	7 620,158	56 392,729	7,400	6,936
12	31	98 664	65 293,507	1 556 608,364	23,840	23,376	62	81	58 874	6 976,203	48 772,571	6,991	6,527
13	32	98 623	63 059,857	1 491 314,427	23,649	23,185	63	82	55 400	6 342,560	41 796,368	6,590	6,126
14	33	98 577	60 899,047	1 428 254,570	23,453	22,989	64	83	51 683	5 716,941	35 453,808	6,202	5,738
15	34	98 526	58 809,317	1 367 355,523	23,251	22,787	65	84	47 759	5 104,242	29 736,867	5,826	5,362
16	35	98 467	56 786,349	1 308 546,206	23,043	22,579	66	85	43 638	4 506,106	24 632,625	5,466	5,002
17	36	98 402	54 829,971	1 251 759,857	22,830	22,366	67	86	39 365	3 927,378	20 126,520	5,125	4,661
18	37	98 322	52 932,704	1 196 929,886	22,612	22,148	68	87	35 018	3 375,580	16 199,141	4,799	4,335
19	38	98 222	51 090,804	1 143 997,181	22,391	21,927	69	88	30 628	2 852,556	12 823,562	4,495	4,031
20	39	98 119	49 311,505	1 092 906,377	22,163	21,699	70	89	26 320	2 368,396	9 971,006	4,210	3,746
21	40	98 002	47 586,838	1 043 594,872	21,930	21,466	71	90	22 080	1 919,744	7 602,610	3,960	3,496
22	41	97 880	45 920,321	996 008,034	21,690	21,226	72	91	18 197	1 528,627	5 682,866	3,718	3,254
23	42	97 749	44 308,343	950 087,713	21,443	20,979	73	92	14 558	1 181,579	4 154,239	3,516	3,052
24	43	97 611	42 749,528	905 779,370	21,188	20,724	74	93	11 451	897,969	2 972,660	3,310	2,846
25	44	97 457	41 238,511	863 029,842	20,928	20,464	75	94	8 770	664,496	2 074,691	3,122	2,658
26	45	97 294	39 777,355	821 791,331	20,660	20,196	76	95	6 535	478,396	1 410,194	2,948	2,484
27	46	97 114	38 361,146	782 013,976	20,386	19,922	77	96	4 728	334,428	931,798	2,786	2,322
28	47	96 916	36 988,255	743 652,830	20,105	19,641	78	97	3 314	226,481	597,370	2,638	2,174
29	48	96 699	35 657,570	706 664,575	19,818	19,354	79	98	2 245	148,241	370,889	2,502	2,038
30	49	96 464	34 368,217	671 007,005	19,524	19,060	80	99	1 468	93,659	222,648	2,377	1,913
31	50	96 204	33 116,476	636 638,788	19,224	18,760	81	100	925	57,032	128,988	2,262	1,798
32	51	95 924	31 903,320	603 522,311	18,917	18,453							
33	52	95 619	30 726,439	571 618,992	18,603	18,139							
34	53	95 284	29 583,279	540 892,553	18,284	17,820							
35	54	94 922	28 474,339	511 309,274	17,957	17,493							
36	55	94 539	27 400,608	482 834,935	17,621	17,157							
37	56	94 121	26 356,978	455 434,328	17,279	16,815							
38	57	93 677	25 345,545	429 077,349	16,929	16,465							
39	58	93 200	24 363,770	403 731,804	16,571	16,107							
40	59	92 683	23 409,105	379 368,034	16,206	15,742							
41	60	92 127	22 481,814	355 958,929	15,833	15,369							
42	61	91 505	21 574,907	333 477,115	15,457	14,993							
43	62	90 840	20 693,831	311 902,208	15,072	14,608							
44	63	90 106	19 832,496	291 208,377	14,683	14,219							
45	64	89 321	18 994,858	271 375,881	14,287	13,823							
46	65	88 468	18 177,288	252 381,023	13,884	13,420							
47	66	87 560	17 382,333	234 203,736	13,474	13,010							
48	67	86 560	16 602,794	216 821,403	13,059	12,595							
49	68	85 495	15 843,873	200 218,609	12,637	12,173							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$
0	20	99 449	99 449,245	2 535 569,776	25,496	25,032	50	70	83 465	14 944,671	176 887,288	11,836	11,372
1	21	99 043	95 693,336	2 436 120,530	25,458	24,994	51	71	82 166	14 214,634	161 942,618	11,393	10,929
2	22	98 989	92 407,732	2 340 427,194	25,327	24,863	52	72	80 724	13 492,952	147 727,984	10,949	10,485
3	23	98 949	89 245,956	2 248 019,462	25,189	24,725	53	73	79 157	12 783,610	134 235,032	10,501	10,037
4	24	98 912	86 196,279	2 158 773,506	25,045	24,581	54	74	77 440	12 083,400	121 451,422	10,051	9,587
5	25	98 879	83 253,537	2 072 577,228	24,895	24,431	55	75	75 529	11 386,588	109 368,023	9,605	9,141
6	26	98 847	80 411,817	1 989 323,690	24,739	24,275	56	76	73 408	10 692,624	97 981,435	9,163	8,699
7	27	98 813	77 665,983	1 908 911,873	24,578	24,114	57	77	71 088	10 004,540	87 288,811	8,725	8,261
8	28	98 778	75 013,257	1 831 245,890	24,412	23,948	58	78	68 561	9 322,629	77 284,271	8,290	7,826
9	29	98 745	72 452,214	1 756 232,634	24,240	23,776	59	79	65 779	8 641,847	67 961,642	7,864	7,400
10	30	98 709	69 976,558	1 683 780,420	24,062	23,598	60	80	62 786	7 969,683	59 319,794	7,443	6,979
11	31	98 672	67 585,024	1 613 803,862	23,878	23,414	61	81	59 538	7 301,897	51 350,111	7,032	6,568
12	32	98 634	65 274,216	1 546 218,838	23,688	23,224	62	82	56 072	6 644,203	44 048,214	6,630	6,166
13	33	98 588	63 037,504	1 480 944,622	23,493	23,029	63	83	52 345	5 992,803	37 404,011	6,241	5,777
14	34	98 541	60 876,780	1 417 907,117	23,291	22,827	64	84	48 442	5 358,423	31 411,207	5,862	5,398
15	35	98 484	58 784,336	1 357 030,337	23,085	22,621	65	85	44 305	4 735,125	26 052,785	5,502	5,038
16	36	98 428	56 763,762	1 298 246,001	22,871	22,407	66	86	40 027	4 133,204	21 317,660	5,158	4,694
17	37	98 355	54 803,915	1 241 482,239	22,653	22,189	67	87	35 656	3 557,330	17 184,455	4,831	4,367
18	38	98 269	52 904,455	1 186 678,323	22,431	21,967	68	88	31 226	3 010,033	13 627,125	4,527	4,063
19	39	98 167	51 062,361	1 133 773,869	22,204	21,740	69	89	26 883	2 503,725	10 617,092	4,241	3,776
20	40	98 055	49 278,883	1 082 711,507	21,971	21,507	70	90	22 595	2 033,228	8 113,367	3,990	3,526
21	41	97 933	47 553,231	1 033 432,624	21,732	21,268	71	91	18 663	1 622,576	6 080,139	3,747	3,283
22	42	97 801	45 883,516	985 879,393	21,487	21,023	72	92	14 964	1 257,010	4 457,563	3,546	3,082
23	43	97 662	44 268,905	939 995,877	21,234	20,770	73	93	11 803	957,994	3 200,553	3,341	2,877
24	44	97 511	42 705,755	895 726,972	20,974	20,510	74	94	9 078	711,863	2 242,559	3,150	2,686
25	45	97 347	41 192,193	853 021,217	20,708	20,244	75	95	6 789	514,398	1 530,696	2,976	2,512
26	46	97 170	39 726,869	811 829,024	20,435	19,971	76	96	4 934	361,163	1 016,298	2,814	2,350
27	47	96 977	38 307,091	772 102,155	20,156	19,692	77	97	3 477	245,903	655,135	2,664	2,200
28	48	96 757	36 927,775	733 795,064	19,871	19,407	78	98	2 370	161,986	409,232	2,526	2,062
29	49	96 528	35 594,512	696 867,289	19,578	19,114	79	99	1 560	102,999	247,246	2,400	1,936
30	50	96 266	34 297,500	661 272,777	19,280	18,816	80	100	990	63,135	144,247	2,285	1,821
31	51	95 992	33 043,521	626 975,278	18,974	18,510							
32	52	95 689	31 825,259	593 931,757	18,662	18,198							
33	53	95 356	30 642,083	562 106,498	18,344	17,880							
34	54	94 997	29 494,335	531 464,415	18,019	17,555							
35	55	94 619	28 383,471	501 970,080	17,685	17,221							
36	56	94 204	27 303,523	473 586,609	17,345	16,881							
37	57	93 766	26 257,555	446 283,086	16,996	16,532							
38	58	93 303	25 244,250	420 025,531	16,638	16,174							
39	59	92 789	24 256,270	394 781,281	16,275	15,811							
40	60	92 245	23 298,567	370 525,012	15,903	15,439							
41	61	91 630	22 360,652	347 226,445	15,528	15,064							
42	62	90 979	21 450,922	324 865,793	15,145	14,681							
43	63	90 267	20 563,302	303 414,871	14,755	14,291							
44	64	89 499	19 698,867	282 851,569	14,359	13,895							
45	65	88 664	18 855,257	263 152,702	13,956	13,492							
46	66	87 777	18 035,325	244 297,446	13,545	13,081							
47	67	86 811	17 233,640	226 262,120	13,129	12,665							
48	68	85 770	16 451,172	209 028,480	12,706	12,242							
49	69	84 664	15 690,019	192 577,308	12,274	11,810							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	21	99 427	99 427,169	2 524 468,709	25,390	24,926	50	71	82 496	14 771,242	169 178,916	11,453	10,989
1	22	99 022	95 673,308	2 425 041,541	25,347	24,883	51	72	81 108	14 031,589	154 407,674	11,004	10,540
2	23	98 967	92 387,002	2 329 368,233	25,213	24,749	52	73	79 556	13 297,605	140 376,085	10,556	10,092
3	24	98 926	89 225,556	2 236 981,231	25,071	24,607	53	74	77 870	12 575,733	127 078,480	10,105	9,641
4	25	98 892	86 178,855	2 147 755,674	24,922	24,458	54	75	76 000	11 858,557	114 502,747	9,656	9,192
5	26	98 857	83 235,223	2 061 576,819	24,768	24,304	55	76	73 908	11 142,255	102 644,190	9,212	8,748
6	27	98 823	80 392,786	1 978 341,596	24,608	24,144	56	77	71 610	10 430,731	91 501,934	8,772	8,308
7	28	98 786	77 645,118	1 897 948,810	24,444	23,980	57	78	69 117	9 727,178	81 071,203	8,335	7,870
8	29	98 753	74 994,288	1 820 303,692	24,273	23,809	58	79	66 363	9 023,668	71 344,026	7,906	7,442
9	30	98 717	72 431,426	1 745 309,404	24,096	23,632	59	80	63 391	8 328,097	62 320,357	7,483	7,019
10	31	98 681	69 956,752	1 672 877,978	23,913	23,449	60	81	60 164	7 636,825	53 992,260	7,070	6,606
11	32	98 642	67 564,612	1 602 921,226	23,724	23,260	61	82	56 705	6 954,397	46 355,436	6,666	6,202
12	33	98 599	65 251,078	1 535 356,614	23,530	23,066	62	83	52 980	6 277,813	39 401,038	6,276	5,812
13	34	98 552	63 014,456	1 470 105,535	23,330	22,866	63	84	49 062	5 616,985	33 123,225	5,897	5,433
14	35	98 499	60 850,921	1 407 091,080	23,124	22,660	64	85	44 939	4 970,924	27 506,240	5,533	5,069
15	36	98 445	58 760,954	1 346 240,158	22,910	22,446	65	86	40 639	4 343,271	22 535,315	5,189	4,725
16	37	98 381	56 736,787	1 287 479,204	22,692	22,228	66	87	36 255	3 743,763	18 192,044	4,859	4,395
17	38	98 303	54 774,668	1 230 742,417	22,469	22,005	67	88	31 794	3 172,101	14 448,281	4,555	4,091
18	39	98 215	52 875,002	1 175 967,750	22,241	21,776	68	89	27 407	2 641,944	11 276,180	4,268	3,804
19	40	98 103	51 028,581	1 123 092,748	22,009	21,545	69	90	23 078	2 149,405	8 634,235	4,017	3,553
20	41	97 985	49 244,081	1 072 064,166	21,770	21,306	70	91	19 097	1 718,493	6 484,830	3,774	3,310
21	42	97 854	47 515,117	1 022 820,085	21,526	21,062	71	92	15 346	1 334,266	4 766,337	3,572	3,108
22	43	97 714	45 842,676	975 304,968	21,275	20,811	72	93	12 132	1 019,151	3 432,070	3,368	2,904
23	44	97 562	44 223,576	929 462,292	21,017	20,553	73	94	9 357	759,447	2 412,919	3,177	2,713
24	45	97 402	42 657,790	885 238,716	20,752	20,288	74	95	7 027	551,065	1 653,472	3,001	2,536
25	46	97 224	41 139,011	842 580,926	20,481	20,017	75	96	5 126	388,343	1 102,407	2,839	2,375
26	47	97 033	39 670,889	801 441,015	20,202	19,738	76	97	3 628	265,562	714,064	2,689	2,225
27	48	96 818	38 244,454	761 770,126	19,918	19,454	77	98	2 487	175,877	448,502	2,550	2,086
28	49	96 586	36 862,471	723 525,672	19,628	19,164	78	99	1 647	112,549	272,625	2,422	1,958
29	50	96 329	35 521,271	686 663,201	19,331	18,867	79	100	1 052	69,432	160,076	2,306	1,841
30	51	96 054	34 221,942	651 141,930	19,027	18,563							
31	52	95 758	32 962,670	616 919,988	18,716	18,252							
32	53	95 427	31 737,887	583 957,318	18,399	17,935							
33	54	95 070	30 549,956	552 219,431	18,076	17,612							
34	55	94 694	29 400,212	521 669,475	17,744	17,280							
35	56	94 284	28 282,904	492 269,263	17,405	16,941							
36	57	93 849	27 200,528	463 986,359	17,058	16,594							
37	58	93 392	26 152,614	436 785,830	16,701	16,237							
38	59	92 891	25 132,865	410 633,216	16,338	15,874							
39	60	92 351	24 141,731	385 500,351	15,968	15,504							
40	61	91 748	23 173,002	361 358,620	15,594	15,130							
41	62	91 104	22 232,152	338 185,618	15,212	14,748							
42	63	90 405	21 315,617	315 953,466	14,823	14,359							
43	64	89 659	20 424,749	294 637,849	14,426	13,962							
44	65	88 841	19 554,092	274 213,100	14,023	13,559							
45	66	87 972	18 707,999	254 659,008	13,612	13,148							
46	67	87 026	17 881,047	235 951,008	13,196	12,732							
47	68	86 018	17 076,257	218 069,962	12,770	12,306							
48	69	84 937	16 291,421	200 993,705	12,337	11,873							
49	70	83 765	15 523,368	184 702,284	11,898	11,434							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	22	99 406	99 406,360	2 512 876,774	25,279	24,815	50	72	81 434	14 581,030	161 260,091	11,060	10,596
1	23	99 000	95 651,846	2 413 470,414	25,232	24,768	51	73	79 934	13 828,444	146 679,061	10,607	10,143
2	24	98 945	92 365,884	2 317 818,569	25,094	24,630	52	74	78 262	13 081,370	132 850,617	10,156	9,692
3	25	98 906	89 207,520	2 225 452,684	24,947	24,483	53	75	76 421	12 341,730	119 769,248	9,704	9,240
4	26	98 870	86 159,898	2 136 245,164	24,794	24,330	54	76	74 369	11 604,097	107 427,518	9,258	8,794
5	27	98 834	83 215,524	2 050 085,266	24,636	24,172	55	77	72 098	10 869,350	95 823,421	8,816	8,352
6	28	98 797	80 371,189	1 966 869,742	24,472	24,008	56	78	69 625	10 141,553	84 954,071	8,377	7,913
7	29	98 761	77 625,484	1 886 498,553	24,303	23,839	57	79	66 901	9 415,244	74 812,518	7,946	7,482
8	30	98 725	74 972,771	1 808 873,070	24,127	23,663	58	80	63 953	8 696,056	65 397,274	7,520	7,056
9	31	98 689	72 410,925	1 733 900,299	23,945	23,481	59	81	60 743	7 980,269	56 701,218	7,105	6,641
10	32	98 651	69 935,624	1 661 489,374	23,757	23,293	60	82	57 300	7 273,385	48 720,949	6,699	6,234
11	33	98 607	67 540,662	1 591 553,750	23,564	23,100	61	83	53 578	6 570,902	41 447,564	6,308	5,844
12	34	98 563	65 227,220	1 524 013,088	23,365	22,901	62	84	49 657	5 884,122	34 876,662	5,927	5,463
13	35	98 510	62 987,689	1 458 785,868	23,160	22,696	63	85	45 514	5 210,789	28 992,540	5,564	5,100
14	36	98 460	60 826,718	1 395 798,179	22,947	22,483	64	86	41 220	4 559,557	23 781,751	5,216	4,752
15	37	98 398	58 733,030	1 334 971,461	22,729	22,265	65	87	36 810	3 934,037	19 222,193	4,886	4,422
16	38	98 328	56 706,507	1 276 238,431	22,506	22,042	66	88	32 329	3 338,345	15 288,157	4,580	4,116
17	39	98 248	54 744,174	1 219 531,924	22,277	21,813	67	89	27 906	2 784,194	11 949,812	4,292	3,828
18	40	98 150	52 840,023	1 164 787,750	22,044	21,580	68	90	23 529	2 268,064	9 165,618	4,041	3,577
19	41	98 033	50 992,543	1 111 947,727	21,806	21,342	69	91	19 506	1 816,687	6 897,553	3,797	3,333
20	42	97 907	49 204,612	1 060 955,184	21,562	21,098	70	92	15 704	1 413,140	5 080,867	3,595	3,131
21	43	97 767	47 472,824	1 011 750,572	21,312	20,848	71	93	12 442	1 081,788	3 667,726	3,390	2,926
22	44	97 614	45 795,736	964 277,747	21,056	20,592	72	94	9 618	807,930	2 585,938	3,201	2,737
23	45	97 453	44 173,906	918 482,011	20,792	20,328	73	95	7 244	587,901	1 778,008	3,024	2,560
24	46	97 278	42 603,647	874 308,105	20,522	20,058	74	96	5 305	416,024	1 190,107	2,861	2,397
25	47	97 087	41 081,940	831 704,458	20,245	19,781	75	97	3 769	285,547	774,083	2,711	2,247
26	48	96 875	39 606,023	790 622,518	19,962	19,498	76	98	2 595	189,937	488,536	2,572	2,108
27	49	96 647	38 176,822	751 016,495	19,672	19,208	77	99	1 728	122,201	298,599	2,444	1,979
28	50	96 387	36 786,621	712 839,673	19,378	18,914	78	100	1 110	75,869	176,398	2,325	1,861
29	51	96 117	35 443,017	676 053,053	19,074	18,610							
30	52	95 819	34 138,208	640 610,035	18,765	18,301							
31	53	95 495	32 872,175	606 471,827	18,449	17,985							
32	54	95 140	31 642,465	573 599,652	18,128	17,664							
33	55	94 766	30 452,465	541 957,186	17,797	17,333							
34	56	94 358	29 296,042	511 504,722	17,460	16,996							
35	57	93 928	28 176,215	482 208,679	17,114	16,650							
36	58	93 474	27 091,820	454 032,464	16,759	16,295							
37	59	92 980	26 037,221	426 940,645	16,397	15,933							
38	60	92 453	25 014,187	400 903,424	16,027	15,563							
39	61	91 853	24 011,623	375 889,237	15,654	15,190							
40	62	91 221	23 039,834	351 877,614	15,273	14,809							
41	63	90 529	22 091,919	328 837,780	14,885	14,421							
42	64	89 796	21 171,996	306 745,861	14,488	14,024							
43	65	89 000	20 274,639	285 573,865	14,085	13,621							
44	66	88 147	19 401,377	265 299,226	13,674	13,210							
45	67	87 219	18 547,966	245 897,849	13,257	12,793							
46	68	86 231	17 717,751	227 349,883	12,832	12,368							
47	69	85 183	16 910,436	209 632,131	12,397	11,933							
48	70	84 035	16 118,381	192 721,695	11,957	11,493							
49	71	82 793	15 343,223	176 603,314	11,510	11,046							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	23	99 384	99 384,060	2 500 779,803	25,163	24,699	50	73	80 255	14 369,930	153 145,551	10,657	10,193
1	24	98 977	95 629,982	2 401 395,743	25,111	24,647	51	74	78 634	13 603,576	138 775,621	10,201	9,737
2	25	98 925	92 347,214	2 305 765,761	24,968	24,504	52	75	76 806	12 837,957	125 172,044	9,750	9,286
3	26	98 884	89 187,897	2 213 418,548	24,817	24,353	53	76	74 781	12 076,902	112 334,087	9,302	8,838
4	27	98 847	86 139,507	2 124 230,651	24,660	24,196	54	77	72 547	11 319,880	100 257,185	8,857	8,393
5	28	98 807	83 193,168	2 038 091,145	24,498	24,034	55	78	70 099	10 568,011	88 937,305	8,416	7,952
6	29	98 772	80 350,865	1 954 897,976	24,330	23,865	56	79	67 392	9 816,331	78 369,293	7,984	7,520
7	30	98 733	77 603,211	1 874 547,111	24,156	23,692	57	80	64 472	9 073,415	68 552,963	7,555	7,091
8	31	98 697	74 951,551	1 796 943,899	23,975	23,511	58	81	61 282	8 332,860	59 479,548	7,138	6,674
9	32	98 659	72 389,055	1 721 992,349	23,788	23,324	59	82	57 852	7 600,485	51 146,688	6,729	6,265
10	33	98 616	69 910,833	1 649 603,293	23,596	23,132	60	83	54 141	6 872,300	43 546,202	6,336	5,872
11	34	98 571	67 515,967	1 579 692,460	23,397	22,933	61	84	50 218	6 158,830	36 673,903	5,955	5,491
12	35	98 521	65 199,513	1 512 176,493	23,193	22,729	62	85	46 066	5 458,607	30 515,072	5,590	5,126
13	36	98 471	62 962,635	1 446 976,980	22,982	22,517	63	86	41 748	4 779,572	25 056,465	5,242	4,778
14	37	98 413	60 797,812	1 384 014,345	22,764	22,300	64	87	37 336	4 129,944	20 276,893	4,910	4,446
15	38	98 346	58 701,686	1 323 216,533	22,541	22,077	65	88	32 823	3 508,014	16 146,949	4,603	4,139
16	39	98 274	56 674,938	1 264 514,847	22,312	21,848	66	89	28 376	2 930,108	12 638,936	4,313	3,849
17	40	98 183	54 707,958	1 207 839,909	22,078	21,614	67	90	23 957	2 390,183	9 708,828	4,062	3,598
18	41	98 080	52 802,706	1 153 131,952	21,839	21,374	68	91	19 887	1 916,978	7 318,644	3,818	3,354
19	42	97 955	50 951,673	1 100 329,246	21,596	21,132	69	92	16 040	1 493,886	5 401,666	3,616	3,152
20	43	97 820	49 160,816	1 049 377,573	21,346	20,882	70	93	12 732	1 145,737	3 907,780	3,411	2,947
21	44	97 667	47 424,215	1 000 216,757	21,091	20,627	71	94	9 864	857,585	2 762,043	3,221	2,757
22	45	97 505	45 744,300	952 792,542	20,829	20,365	72	95	7 445	625,432	1 904,458	3,045	2,581
23	46	97 329	44 117,839	907 048,241	20,560	20,096	73	96	5 468	443,834	1 279,025	2,882	2,418
24	47	97 141	42 543,614	862 930,402	20,283	19,819	74	97	3 901	305,901	835,192	2,730	2,266
25	48	96 928	41 014,766	820 386,788	20,002	19,538	75	98	2 696	204,231	529,291	2,592	2,128
26	49	96 703	39 535,982	779 372,022	19,713	19,249	76	99	1 803	131,970	325,060	2,463	1,999
27	50	96 448	38 098,267	739 836,040	19,419	18,955	77	100	1 165	82,375	193,090	2,344	1,880
28	51	96 175	36 705,580	701 737,773	19,118	18,654							
29	52	95 882	35 356,296	665 032,193	18,809	18,345							
30	53	95 556	34 044,486	629 675,897	18,496	18,032							
31	54	95 208	32 773,344	595 631,411	18,174	17,710							
32	55	94 836	31 541,487	562 858,067	17,845	17,381							
33	56	94 431	30 344,567	531 316,580	17,509	17,045							
34	57	94 003	29 185,532	500 972,013	17,165	16,701							
35	58	93 553	28 063,607	471 786,482	16,811	16,347							
36	59	93 062	26 972,282	443 722,875	16,451	15,987							
37	60	92 541	25 914,273	416 750,593	16,082	15,618							
38	61	91 954	24 879,376	390 836,320	15,709	15,245							
39	62	91 326	23 873,635	365 956,944	15,329	14,865							
40	63	90 645	22 894,507	342 083,309	14,942	14,478							
41	64	89 919	21 943,067	319 188,802	14,546	14,082							
42	65	89 136	21 016,394	297 245,735	14,144	13,679							
43	66	88 305	20 116,297	276 229,341	13,732	13,268							
44	67	87 393	19 235,413	256 113,044	13,315	12,851							
45	68	86 423	18 378,581	236 877,631	12,889	12,425							
46	69	85 394	17 545,701	218 499,051	12,453	11,989							
47	70	84 278	16 730,821	200 953,350	12,011	11,547							
48	71	83 059	15 931,332	184 222,528	11,564	11,100							
49	72	81 727	15 145,646	168 291,196	11,112	10,647							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	24	99 361	99 361,342	2 488 165,922	25,042	24,578	50	74	78 950	14 136,258	144 854,780	10,247	9,783
1	25	98 957	95 610,651	2 388 804,580	24,985	24,521	51	75	77 171	13 350,447	130 718,522	9,791	9,327
2	26	98 903	92 326,899	2 293 193,929	24,838	24,374	52	76	75 158	12 562,481	117 368,075	9,343	8,879
3	27	98 861	89 166,789	2 200 867,029	24,683	24,219	53	77	72 950	11 781,105	104 805,593	8,896	8,432
4	28	98 821	86 116,365	2 111 700,241	24,521	24,057	54	78	70 536	11 006,051	93 024,489	8,452	7,988
5	29	98 782	83 172,131	2 025 583,875	24,354	23,890	55	79	67 851	10 229,114	82 018,438	8,018	7,554
6	30	98 743	80 327,811	1 942 411,744	24,181	23,717	56	80	64 945	9 459,940	71 789,324	7,589	7,125
7	31	98 705	77 581,247	1 862 083,933	24,002	23,538	57	81	61 779	8 694,458	62 329,384	7,169	6,705
8	32	98 667	74 928,914	1 784 502,686	23,816	23,352	58	82	58 366	7 936,296	53 634,926	6,758	6,294
9	33	98 624	72 363,395	1 709 573,772	23,625	23,161	59	83	54 662	7 181,362	45 698,630	6,364	5,899
10	34	98 580	69 885,271	1 637 210,377	23,427	22,963	60	84	50 745	6 441,327	38 517,268	5,980	5,516
11	35	98 529	67 487,288	1 567 325,105	23,224	22,760	61	85	46 586	5 713,450	32 075,941	5,614	5,150
12	36	98 482	65 173,580	1 499 837,817	23,013	22,549	62	86	42 254	5 006,882	26 362,491	5,265	4,801
13	37	98 424	62 932,714	1 434 664,237	22,797	22,333	63	87	37 814	4 329,228	21 355,608	4,933	4,469
14	38	98 361	60 765,365	1 371 731,523	22,574	22,110	64	88	33 293	3 682,705	17 026,380	4,623	4,159
15	39	98 291	58 669,005	1 310 966,158	22,345	21,881	65	89	28 810	3 079,029	13 343,675	4,334	3,870
16	40	98 209	56 637,445	1 252 297,153	22,111	21,647	66	90	24 360	2 515,448	10 264,646	4,081	3,617
17	41	98 114	54 669,321	1 195 659,708	21,871	21,407	67	91	20 249	2 020,194	7 749,198	3,836	3,372
18	42	98 002	52 760,384	1 140 990,387	21,626	21,162	68	92	16 353	1 576,357	5 729,005	3,634	3,170
19	43	97 867	50 906,322	1 088 230,002	21,377	20,913	69	93	13 005	1 211,204	4 152,648	3,429	2,965
20	44	97 719	49 110,478	1 037 323,680	21,122	20,658	70	94	10 094	908,280	2 941,444	3,238	2,774
21	45	97 557	47 370,950	988 213,202	20,861	20,397	71	95	7 636	663,871	2 033,163	3,063	2,599
22	46	97 381	45 686,240	940 842,252	20,594	20,130	72	96	5 621	472,168	1 369,292	2,900	2,436
23	47	97 192	44 055,672	895 156,011	20,319	19,855	73	97	4 021	326,349	897,124	2,749	2,285
24	48	96 982	42 474,050	851 100,339	20,038	19,574	74	98	2 790	218,789	570,776	2,609	2,145
25	49	96 757	40 942,235	808 626,289	19,750	19,286	75	99	1 873	141,902	351,986	2,480	2,016
26	50	96 504	39 454,631	767 684,054	19,457	18,993	76	100	1 215	88,961	210,085	2,362	1,898
27	51	96 236	38 014,337	728 229,423	19,157	18,693							
28	52	95 940	36 615,769	690 215,087	18,850	18,386							
29	53	95 619	35 259,229	653 599,318	18,537	18,073							
30	54	95 269	33 942,130	618 340,088	18,217	17,753							
31	55	94 904	32 668,757	584 397,958	17,889	17,425							
32	56	94 500	31 429,731	551 729,202	17,554	17,090							
33	57	94 074	30 230,101	520 299,471	17,211	16,747							
34	58	93 627	29 068,890	490 069,370	16,859	16,395							
35	59	93 140	27 939,781	461 000,481	16,500	16,036							
36	60	92 622	26 844,919	433 060,699	16,132	15,668							
37	61	92 042	25 774,612	406 215,781	15,760	15,296							
38	62	91 426	24 736,402	380 441,169	15,380	14,916							
39	63	90 749	23 723,049	355 704,767	14,994	14,530							
40	64	90 035	22 740,247	331 981,719	14,599	14,135							
41	65	89 258	21 781,798	309 241,472	14,197	13,733							
42	66	88 440	20 852,259	287 459,673	13,786	13,322							
43	67	87 549	19 944,217	266 607,415	13,368	12,904							
44	68	86 595	19 059,749	246 663,198	12,942	12,478							
45	69	85 583	18 200,113	227 603,449	12,506	12,042							
46	70	84 487	17 359,339	209 403,336	12,063	11,599							
47	71	83 300	16 536,665	192 043,997	11,613	11,149							
48	72	81 990	15 726,181	175 507,332	11,160	10,696							
49	73	80 544	14 926,371	159 781,151	10,705	10,241							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	25	99 341	99 341,258	2 475 021,671	24,914	24,450	50	75	77 481	13 873,217	136 409,672	9,833	9,369
1	26	98 935	95 589,619	2 375 680,413	24,853	24,389	51	76	75 515	13 063,974	122 536,456	9,380	8,916
2	27	98 879	92 305,048	2 280 090,794	24,702	24,238	52	77	73 317	12 254,791	109 472,481	8,933	8,469
3	28	98 834	89 142,834	2 187 785,746	24,542	24,078	53	78	70 927	11 454,489	97 217,690	8,487	8,023
4	29	98 796	86 094,589	2 098 642,912	24,376	23,912	54	79	68 274	10 653,106	85 763,202	8,051	7,587
5	30	98 754	83 148,268	2 012 548,323	24,204	23,740	55	80	65 388	9 857,736	75 110,095	7,619	7,155
6	31	98 715	80 305,076	1 929 400,055	24,026	23,562	56	81	62 233	9 064,840	65 252,359	7,198	6,734
7	32	98 675	77 557,816	1 849 094,980	23,842	23,377	57	82	58 839	8 280,686	56 187,519	6,785	6,321
8	33	98 632	74 902,353	1 771 537,164	23,651	23,187	58	83	55 147	7 498,655	47 906,833	6,389	5,925
9	34	98 588	72 336,937	1 696 634,810	23,455	22,991	59	84	51 234	6 731,007	40 408,179	6,003	5,539
10	35	98 538	69 855,586	1 624 297,874	23,252	22,788	60	85	47 076	5 975,518	33 677,171	5,636	5,172
11	36	98 490	67 460,444	1 554 442,288	23,042	22,578	61	86	42 731	5 240,636	27 701,654	5,286	4,822
12	37	98 435	65 142,609	1 486 981,843	22,827	22,363	62	87	38 273	4 535,120	22 461,018	4,953	4,489
13	38	98 371	62 899,128	1 421 839,235	22,605	22,141	63	88	33 719	3 860,409	17 925,898	4,644	4,179
14	39	98 306	60 731,536	1 358 940,107	22,376	21,912	64	89	29 221	3 232,358	14 065,489	4,351	3,887
15	40	98 226	58 630,193	1 298 208,571	22,142	21,678	65	90	24 733	2 643,294	10 833,131	4,098	3,634
16	41	98 139	56 597,446	1 239 578,378	21,902	21,438	66	91	20 589	2 126,068	8 189,837	3,852	3,388
17	42	98 035	54 625,504	1 182 980,932	21,656	21,192	67	92	16 651	1 661,232	6 063,769	3,650	3,186
18	43	97 915	52 713,423	1 128 355,428	21,405	20,941	68	93	13 259	1 278,069	4 402,537	3,445	2,981
19	44	97 767	50 854,197	1 075 642,005	21,151	20,687	69	94	10 309	960,179	3 124,467	3,254	2,790
20	45	97 610	49 055,320	1 024 787,808	20,890	20,426	70	95	7 814	703,116	2 164,288	3,078	2,614
21	46	97 433	47 310,826	975 732,488	20,624	20,160	71	96	5 765	501,187	1 461,173	2,915	2,451
22	47	97 244	45 621,863	928 421,662	20,350	19,886	72	97	4 133	347,183	959,986	2,765	2,301
23	48	97 033	43 983,636	882 799,799	20,071	19,607	73	98	2 876	233,414	612,803	2,625	2,161
24	49	96 811	42 398,938	838 816,163	19,784	19,320	74	99	1 939	152,016	379,389	2,496	2,032
25	50	96 557	40 857,990	796 417,225	19,492	19,028	75	100	1 263	95,655	227,373	2,377	1,913
26	51	96 292	39 367,712	755 559,235	19,192	18,728							
27	52	96 000	37 921,323	716 191,523	18,886	18,422							
28	53	95 676	36 515,245	678 270,199	18,575	18,111							
29	54	95 331	35 153,221	641 754,954	18,256	17,792							
30	55	94 965	33 833,813	606 601,733	17,929	17,465							
31	56	94 568	32 553,006	572 767,920	17,595	17,131							
32	57	94 144	31 311,171	540 214,914	17,253	16,789							
33	58	93 698	30 109,284	508 903,743	16,902	16,438							
34	59	93 214	28 940,629	478 794,459	16,544	16,080							
35	60	92 700	27 807,849	449 853,830	16,177	15,713							
36	61	92 123	26 700,242	422 045,981	15,807	15,343							
37	62	91 513	25 626,492	395 345,739	15,427	14,963							
38	63	90 849	24 580,373	369 719,247	15,041	14,577							
39	64	90 138	23 563,206	345 138,873	14,647	14,183							
40	65	89 373	22 573,119	321 575,667	14,246	13,782							
41	66	88 561	21 611,685	299 002,548	13,835	13,371							
42	67	87 683	20 673,883	277 390,863	13,417	12,953							
43	68	86 750	19 762,080	256 716,980	12,990	12,526							
44	69	85 754	18 874,667	236 954,900	12,554	12,090							
45	70	84 674	18 006,800	218 080,233	12,111	11,647							
46	71	83 506	17 157,889	200 073,432	11,661	11,197							
47	72	82 227	16 323,719	182 915,544	11,206	10,741							
48	73	80 803	15 498,502	166 591,825	10,749	10,285							
49	74	79 234	14 683,651	151 093,323	10,290	9,826							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	49	93 528	16 746,500	282 327,807	16,859	16,395
1	0	99 613	96 244,655	2 573 953,502	26,744	26,280	51	50	92 962	16 082,300	265 581,307	16,514	16,050
2	1	99 267	92 666,505	2 477 708,846	26,738	26,274	52	51	92 318	15 430,872	249 499,008	16,169	15,705
3	2	99 222	89 492,327	2 385 042,341	26,651	26,187	53	52	91 632	14 798,123	234 068,136	15,817	15,353
4	3	99 193	86 441,116	2 295 550,014	26,556	26,092	54	53	90 876	14 179,748	219 270,013	15,464	15,000
5	4	99 169	83 497,565	2 209 108,898	26,457	25,993	55	54	90 041	13 574,460	205 090,265	15,109	14,645
6	5	99 146	80 655,647	2 125 611,332	26,354	25,890	56	55	89 147	12 985,109	191 515,805	14,749	14,285
7	6	99 126	77 912,052	2 044 955,686	26,247	25,783	57	56	88 183	12 410,420	178 530,696	14,386	13,922
8	7	99 109	75 264,587	1 967 043,634	26,135	25,671	58	57	87 144	11 849,409	166 120,276	14,019	13,555
9	8	99 092	72 707,110	1 891 779,047	26,019	25,555	59	58	86 032	11 302,668	154 270,867	13,649	13,185
10	9	99 077	70 237,725	1 819 071,937	25,899	25,435	60	59	84 835	10 768,514	142 968,199	13,277	12,812
11	10	99 062	67 851,791	1 748 834,212	25,774	25,310	61	60	83 557	10 247,621	132 199,685	12,901	12,436
12	11	99 046	65 547,008	1 680 982,421	25,645	25,181	62	61	82 179	9 737,772	121 952,064	12,524	12,060
13	12	99 027	63 318,331	1 615 435,414	25,513	25,049	63	62	80 727	9 242,262	112 214,292	12,141	11,677
14	13	99 008	61 165,423	1 552 117,083	25,376	24,912	64	63	79 204	8 761,206	102 972,031	11,753	11,289
15	14	98 984	59 082,864	1 490 951,660	25,235	24,771	65	64	77 561	8 289,380	94 210,825	11,365	10,901
16	15	98 956	57 068,544	1 431 868,797	25,090	24,626	66	65	75 832	7 830,480	85 921,445	10,973	10,509
17	16	98 918	55 117,436	1 374 800,253	24,943	24,479	67	66	73 995	7 382,426	78 090,965	10,578	10,114
18	17	98 869	53 227,328	1 319 682,817	24,793	24,329	68	67	72 050	6 945,320	70 708,539	10,181	9,717
19	18	98 806	51 394,361	1 266 455,489	24,642	24,178	69	68	70 025	6 521,851	63 763,219	9,777	9,313
20	19	98 735	49 620,784	1 215 061,128	24,487	24,023	70	69	67 893	6 109,431	57 241,368	9,369	8,905
21	20	98 661	47 907,103	1 165 440,343	24,327	23,863	71	70	65 643	5 707,165	51 131,938	8,959	8,495
22	21	98 586	46 251,772	1 117 533,241	24,162	23,698	72	71	63 263	5 314,317	45 424,773	8,548	8,084
23	22	98 513	44 654,609	1 071 281,469	23,990	23,526	73	72	60 756	4 931,087	40 110,456	8,134	7,670
24	23	98 440	43 112,320	1 026 626,860	23,813	23,349	74	73	58 089	4 555,203	35 179,369	7,723	7,259
25	24	98 362	41 621,592	983 514,540	23,630	23,166	75	74	55 209	4 182,962	30 624,166	7,321	6,857
26	25	98 288	40 183,881	941 892,948	23,440	22,976	76	75	52 153	3 817,818	26 441,204	6,926	6,462
27	26	98 209	38 793,911	901 709,068	23,244	22,780	77	76	48 910	3 459,339	22 623,386	6,540	6,076
28	27	98 124	37 449,450	862 915,157	23,042	22,578	78	77	45 482	3 108,079	19 164,047	6,166	5,702
29	28	98 039	36 151,586	825 465,707	22,833	22,369	79	78	41 885	2 765,501	16 055,969	5,806	5,342
30	29	97 949	34 897,273	789 314,121	22,618	22,154	80	79	38 156	2 434,082	13 290,468	5,460	4,996
31	30	97 859	33 685,928	754 416,848	22,396	21,932	81	80	34 379	2 118,952	10 856,386	5,123	4,659
32	31	97 761	32 514,355	720 730,920	22,167	21,703	82	81	30 543	1 818,868	8 737,435	4,804	4,340
33	32	97 660	31 382,262	688 216,565	21,930	21,466	83	82	26 753	1 539,279	6 918,567	4,495	4,031
34	33	97 551	30 287,141	656 834,303	21,687	21,223	84	83	23 055	1 281,690	5 379,288	4,197	3,733
35	34	97 438	29 229,036	626 547,162	21,436	20,972	85	84	19 488	1 046,719	4 097,598	3,915	3,451
36	35	97 314	28 204,907	597 318,126	21,178	20,714	86	85	16 114	836,269	3 050,879	3,648	3,184
37	36	97 190	27 216,284	569 113,219	20,911	20,447	87	86	12 994	651,513	2 214,610	3,399	2,935
38	37	97 052	26 258,491	541 896,935	20,637	20,173	88	87	10 178	493,056	1 563,097	3,170	2,706
39	38	96 893	25 329,111	515 638,444	20,358	19,894	89	88	7 730	361,793	1 070,041	2,958	2,494
40	39	96 728	24 430,868	490 309,333	20,069	19,605	90	89	5 649	255,493	708,248	2,772	2,308
41	40	96 540	23 558,826	465 878,465	19,775	19,311	91	90	3 996	174,622	452,755	2,593	2,129
42	41	96 340	22 714,924	442 319,639	19,473	19,009	92	91	2 703	114,106	278,133	2,437	1,973
43	42	96 115	21 895,658	419 604,715	19,164	18,700	93	92	1 742	71,044	164,027	2,309	1,845
44	43	95 859	21 098,705	397 709,057	18,850	18,386	94	93	1 081	42,593	92,983	2,183	1,719
45	44	95 570	20 323,835	376 610,352	18,530	18,066	95	94	640	24,352	50,390	2,069	1,605
46	45	95 251	19 571,055	356 286,517	18,205	17,741	96	95	360	13,243	26,038	1,966	1,502
47	46	94 895	18 838,519	336 715,462	17,874	17,410	97	96	192	6,831	12,795	1,873	1,409
48	47	94 488	18 123,352	317 876,943	17,540	17,076	98	97	97	3,334	5,964	1,789	1,325
49	48	94 031	17 425,784	299 753,591	17,202	16,738	99	98	46	1,536	2,629	1,712	1,248
							100	99	21	0,666	1,094	1,643	1,179

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2	0	99 581	92 959,578	2 480 977,330	26,689	26,225
3	1	99 248	89 515,956	2 388 017,753	26,677	26,213
4	2	99 208	86 453,993	2 298 501,796	26,586	26,122
5	3	99 180	83 506,896	2 212 047,804	26,489	26,025
6	4	99 158	80 665,260	2 128 540,908	26,387	25,923
7	5	99 136	77 919,927	2 047 875,647	26,282	25,818
8	6	99 118	75 271,142	1 969 955,720	26,171	25,707
9	7	99 101	72 713,351	1 894 684,578	26,057	25,593
10	8	99 085	70 242,898	1 821 971,227	25,938	25,474
11	9	99 068	67 856,472	1 751 728,329	25,815	25,351
12	10	99 053	65 551,660	1 683 871,857	25,688	25,224
13	11	99 035	63 323,394	1 618 320,197	25,556	25,092
14	12	99 016	61 170,347	1 554 996,803	25,421	24,957
15	13	98 993	59 088,157	1 493 826,456	25,281	24,817
16	14	98 967	57 074,730	1 434 738,300	25,138	24,674
17	15	98 930	55 124,370	1 377 663,570	24,992	24,528
18	16	98 884	53 235,520	1 322 539,200	24,843	24,379
19	17	98 822	51 402,610	1 269 303,680	24,693	24,229
20	18	98 757	49 632,121	1 217 901,070	24,539	24,075
21	19	98 682	47 916,999	1 168 268,949	24,381	23,917
22	20	98 608	46 262,042	1 120 351,950	24,218	23,753
23	21	98 534	44 663,956	1 074 089,908	24,048	23,584
24	22	98 462	43 121,994	1 029 425,952	23,872	23,408
25	23	98 385	41 631,108	986 303,958	23,692	23,227
26	24	98 308	40 192,005	944 672,850	23,504	23,040
27	25	98 231	38 802,447	904 480,845	23,310	22,846
28	26	98 147	37 458,315	865 678,399	23,110	22,646
29	27	98 065	36 161,300	828 220,083	22,903	22,439
30	28	97 974	34 906,099	792 058,783	22,691	22,227
31	29	97 887	33 695,596	757 152,684	22,470	22,006
32	30	97 789	32 523,560	723 457,087	22,244	21,780
33	31	97 689	31 391,743	690 933,527	22,010	21,546
34	32	97 585	30 297,881	659 541,784	21,769	21,305
35	33	97 473	29 239,727	629 243,904	21,520	21,056
36	34	97 356	28 216,893	600 004,176	21,264	20,800
37	35	97 229	27 227,114	571 787,283	21,001	20,537
38	36	97 098	26 270,975	544 560,169	20,729	20,265
39	37	96 945	25 342,636	518 289,194	20,451	19,987
40	38	96 782	24 444,476	492 946,558	20,166	19,702
41	39	96 604	23 574,422	468 502,082	19,873	19,409
42	40	96 408	22 730,978	444 927,660	19,574	19,110
43	41	96 193	21 913,221	422 196,683	19,267	18,803
44	42	95 944	21 117,501	400 283,461	18,955	18,491
45	43	95 668	20 344,667	379 165,960	18,637	18,173
46	44	95 358	19 593,061	358 821,293	18,314	17,850
47	45	95 016	18 862,460	339 228,232	17,984	17,520
48	46	94 621	18 148,926	320 365,772	17,652	17,188
49	47	94 185	17 454,324	302 216,847	17,315	16,851
50	48	93 694	16 776,167	284 762,523	16,974	16,510
51	49	93 154	16 115,460	267 986,356	16,629	16,165
52	50	92 522	15 464,941	251 870,896	16,287	15,823
53	51	91 856	14 834,420	236 405,955	15,936	15,472
54	52	91 126	14 218,784	221 571,535	15,583	15,119
55	53	90 313	13 615,395	207 352,752	15,229	14,765
56	54	89 432	13 026,680	193 737,356	14,872	14,408
57	55	88 497	12 454,548	180 710,677	14,510	14,046
58	56	87 474	11 894,277	168 256,128	14,146	13,682
59	57	86 378	11 348,021	156 361,852	13,779	13,315
60	58	85 211	10 816,238	145 013,830	13,407	12,943
61	59	83 954	10 296,240	134 197,592	13,034	12,570
62	60	82 624	9 790,536	123 901,351	12,655	12,191
63	61	81 194	9 295,681	114 110,815	12,276	11,812
64	62	79 707	8 816,819	104 815,134	11,888	11,424
65	63	78 087	8 345,612	95 998,315	11,503	11,039
66	64	76 393	7 888,455	87 652,703	11,112	10,647
67	65	74 577	7 440,536	79 764,248	10,720	10,256
68	66	72 672	7 005,244	72 323,712	10,324	9,860
69	67	70 671	6 581,959	65 318,467	9,924	9,460
70	68	68 559	6 169,339	58 736,508	9,521	9,057
71	69	66 347	5 768,435	52 567,170	9,113	8,649
72	70	64 006	5 376,712	46 798,735	8,704	8,240
73	71	61 548	4 995,414	41 422,023	8,292	7,828
74	72	58 942	4 622,121	36 426,609	7,881	7,417
75	73	56 122	4 252,106	31 804,488	7,480	7,016
76	74	53 142	3 890,205	27 552,382	7,083	6,618
77	75	49 983	3 535,197	23 662,177	6,693	6,229
78	76	46 624	3 186,115	20 126,980	6,317	5,853
79	77	43 080	2 844,357	16 940,865	5,956	5,492
80	78	39 420	2 514,724	14 096,508	5,606	5,142
81	79	35 674	2 198,781	11 581,783	5,267	4,803
82	80	31 874	1 898,145	9 383,003	4,943	4,479
83	81	28 089	1 616,194	7 484,858	4,631	4,167
84	82	24 401	1 356,493	5 868,664	4,326	3,862
85	83	20 792	1 116,753	4 512,171	4,040	3,576
86	84	17 371	901,458	3 395,418	3,767	3,303
87	85	14 166	710,293	2 493,960	3,511	3,047
88	86	11 236	544,346	1 783,667	3,277	2,813
89	87	8 668	405,731	1 239,321	3,055	2,591
90	88	6 437	291,089	833,591	2,864	2,400
91	89	4 655	203,408	542,502	2,667	2,203
92	90	3 198	135,004	339,094	2,512	2,048
93	91	2 118	86,395	204,090	2,362	1,898
94	92	1 333	52,534	117,695	2,240	1,776
95	93	807	30,719	65,161	2,121	1,657
96	94	465	17,107	34,442	2,013	1,549
97	95	255	9,049	17,335	1,916	1,452
98	96	132	4,535	8,286	1,827	1,363
99	97	65	2,147	3,752	1,747	1,283
100	98	30	0,958	1,605	1,675	1,211

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	47	93 847	16 803,643	287 012,251	17,080	16,616
1							51	48	93 319	16 144,009	270 208,608	16,737	16,273
2							52	49	92 713	15 496,828	254 064,599	16,395	15,931
3	0	99 562	89 799,065	2 391 044,889	26,627	26,163	53	50	92 059	14 867,172	238 567,771	16,047	15,583
4	1	99 234	86 476,820	2 301 245,824	26,611	26,147	54	51	91 349	14 253,660	223 700,599	15,694	15,230
5	2	99 195	83 519,335	2 214 769,005	26,518	26,054	55	52	90 561	13 652,878	209 446,940	15,341	14,877
6	3	99 169	80 674,274	2 131 249,669	26,418	25,954	56	53	89 702	13 065,963	195 794,062	14,985	14,521
7	4	99 148	77 929,215	2 050 575,395	26,313	25,849	57	54	88 780	12 494,421	182 728,099	14,625	14,161
8	5	99 128	75 278,751	1 972 646,180	26,205	25,741	58	55	87 785	11 936,570	170 233,678	14,262	13,797
9	6	99 109	72 719,684	1 897 367,429	26,092	25,628	59	56	86 705	11 390,991	158 297,108	13,897	13,433
10	7	99 093	70 248,928	1 824 647,745	25,974	25,510	60	57	85 553	10 859,640	146 906,118	13,528	13,064
11	8	99 076	67 861,469	1 754 398,817	25,853	25,389	61	58	84 326	10 341,872	136 046,478	13,155	12,691
12	9	99 060	65 556,182	1 686 537,348	25,727	25,263	62	59	83 016	9 836,987	125 704,606	12,779	12,315
13	10	99 042	63 327,889	1 620 981,166	25,597	25,133	63	60	81 634	9 346,050	115 867,619	12,397	11,933
14	11	99 024	61 175,239	1 557 653,277	25,462	24,998	64	61	80 167	8 867,780	106 521,569	12,012	11,548
15	12	99 001	59 092,914	1 496 478,038	25,324	24,860	65	62	78 583	8 398,587	97 653,789	11,627	11,163
16	13	98 976	57 079,843	1 437 385,125	25,182	24,718	66	63	76 911	7 941,967	89 255,202	11,238	10,774
17	14	98 941	55 130,346	1 380 305,282	25,037	24,573	67	64	75 130	7 495,625	81 313,235	10,848	10,384
18	15	98 897	53 242,217	1 325 174,936	24,890	24,426	68	65	73 244	7 060,385	73 817,611	10,455	9,991
19	16	98 837	51 410,520	1 271 932,719	24,741	24,277	69	66	71 280	6 638,749	66 757,226	10,056	9,592
20	17	98 773	49 640,087	1 220 522,199	24,587	24,123	70	67	69 191	6 226,198	60 118,477	9,656	9,192
21	18	98 704	47 927,947	1 170 882,112	24,430	23,966	71	68	66 998	5 824,999	53 892,279	9,252	8,788
22	19	98 628	46 271,599	1 122 954,166	24,269	23,805	72	69	64 693	5 434,434	48 067,280	8,845	8,381
23	20	98 556	44 673,874	1 076 682,567	24,101	23,637	73	70	62 271	5 054,065	42 632,846	8,435	7,971
24	21	98 482	43 131,021	1 032 008,693	23,927	23,463	74	71	59 711	4 682,418	37 578,781	8,026	7,561
25	22	98 407	41 640,449	988 877,673	23,748	23,284	75	72	56 946	4 314,571	32 896,364	7,624	7,160
26	23	98 330	40 201,194	947 237,224	23,562	23,098	76	73	54 021	3 954,510	28 581,792	7,228	6,764
27	24	98 251	38 810,292	907 036,030	23,371	22,907	77	74	50 930	3 602,225	24 627,282	6,837	6,373
28	25	98 169	37 466,557	868 225,738	23,173	22,709	78	75	47 646	3 255,982	21 025,057	6,457	5,993
29	26	98 088	36 169,861	830 759,181	22,968	22,504	79	76	44 161	2 915,772	17 769,075	6,094	5,630
30	27	98 001	34 915,479	794 589,320	22,758	22,293	80	77	40 544	2 586,430	14 853,302	5,743	5,279
31	28	97 912	33 704,119	759 673,841	22,539	22,075	81	78	36 856	2 271,628	12 266,873	5,400	4,936
32	29	97 817	32 532,895	725 969,722	22,315	21,851	82	79	33 075	1 969,655	9 995,245	5,075	4,611
33	30	97 717	31 400,630	693 436,827	22,084	21,620	83	80	29 314	1 686,638	8 025,590	4,758	4,294
34	31	97 615	30 307,034	662 036,197	21,844	21,380	84	81	25 620	1 424,275	6 338,952	4,451	3,987
35	32	97 508	29 250,096	631 729,163	21,598	21,133	85	82	22 005	1 181,929	4 914,678	4,158	3,694
36	33	97 391	28 227,214	602 479,067	21,344	20,880	86	83	18 533	961,772	3 732,748	3,881	3,417
37	34	97 270	27 238,684	574 251,853	21,082	20,618	87	84	15 270	765,663	2 770,976	3,619	3,155
38	35	97 136	26 281,429	547 013,169	20,814	20,350	88	85	12 250	593,457	2 005,313	3,379	2,915
39	36	96 991	25 354,685	520 731,740	20,538	20,074	89	86	9 570	447,936	1 411,856	3,152	2,688
40	37	96 834	24 457,529	495 377,056	20,255	19,791	90	87	7 218	326,440	963,920	2,953	2,489
41	38	96 658	23 587,553	470 919,527	19,965	19,501	91	88	5 304	231,747	637,480	2,751	2,287
42	39	96 472	22 746,025	447 331,973	19,666	19,202	92	89	3 725	157,259	405,733	2,580	2,116
43	40	96 260	21 928,708	424 585,948	19,362	18,898	93	90	2 506	102,218	248,474	2,431	1,967
44	41	96 021	21 134,440	402 657,240	19,052	18,588	94	91	1 621	63,886	146,256	2,289	1,825
45	42	95 753	20 362,792	381 522,800	18,736	18,272	95	92	995	37,888	82,371	2,174	1,710
46	43	95 456	19 613,144	361 160,008	18,414	17,950	96	93	587	21,579	44,483	2,061	1,597
47	44	95 122	18 883,669	341 546,864	18,087	17,623	97	94	329	11,689	22,903	1,959	1,495
48	45	94 741	18 171,990	322 663,195	17,756	17,292	98	95	175	6,007	11,214	1,867	1,403
49	46	94 318	17 478,954	304 491,205	17,420	16,956	99	96	88	2,920	5,207	1,783	1,319
							100	97	42	1,340	2,287	1,708	1,244

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	46	93 980	16 827,355	289 086,409	17,180	16,716
1							51	47	93 472	16 170,450	272 259,055	16,837	16,373
2							52	48	92 877	15 524,281	256 088,605	16,496	16,032
3							53	49	92 249	14 897,827	240 564,324	16,148	15,684
4	0	99 548	86 750,316	2 304 046,778	26,560	26,095	54	50	91 551	14 285,130	225 666,497	15,797	15,333
5	1	99 221	83 541,387	2 217 296,462	26,541	26,077	55	51	90 784	13 686,365	211 381,367	15,445	14,981
6	2	99 184	80 686,292	2 133 755,075	26,445	25,981	56	52	89 949	13 101,933	197 695,002	15,089	14,625
7	3	99 159	77 937,923	2 053 068,783	26,342	25,878	57	53	89 048	12 532,099	184 593,069	14,730	14,266
8	4	99 140	75 287,724	1 975 130,860	26,234	25,770	58	54	88 066	11 974,784	172 060,970	14,369	13,905
9	5	99 119	72 727,034	1 899 843,136	26,123	25,659	59	55	87 013	11 431,494	160 086,186	14,004	13,540
10	6	99 102	70 255,046	1 827 116,101	26,007	25,543	60	56	85 877	10 900,759	148 654,692	13,637	13,173
11	7	99 084	67 867,294	1 756 861,055	25,887	25,423	61	57	84 664	10 383,370	137 753,932	13,267	12,803
12	8	99 067	65 561,010	1 688 993,761	25,762	25,298	62	58	83 384	9 880,583	127 370,562	12,891	12,427
13	9	99 049	63 332,258	1 623 432,751	25,634	25,170	63	59	82 021	9 390,392	117 489,979	12,512	12,048
14	10	99 031	61 179,581	1 560 100,493	25,500	25,036	64	60	80 602	8 915,830	108 099,587	12,124	11,660
15	11	99 009	59 097,639	1 498 920,912	25,363	24,899	65	61	79 037	8 447,130	99 183,757	11,742	11,278
16	12	98 984	57 084,438	1 439 823,273	25,223	24,759	66	62	77 400	7 992,380	90 736,627	11,353	10,889
17	13	98 950	55 135,284	1 382 738,835	25,079	24,615	67	63	75 639	7 546,472	82 744,247	10,965	10,501
18	14	98 908	53 247,989	1 327 603,550	24,932	24,468	68	64	73 786	7 112,659	75 197,775	10,572	10,108
19	15	98 849	51 416,988	1 274 355,562	24,785	24,321	69	65	71 842	6 691,005	68 085,117	10,176	9,712
20	16	98 788	49 647,726	1 222 938,574	24,632	24,168	70	66	69 788	6 279,918	61 394,112	9,776	9,312
21	17	98 720	47 935,639	1 173 290,847	24,476	24,012	71	67	67 615	5 878,685	55 114,194	9,375	8,911
22	18	98 651	46 282,170	1 125 355,208	24,315	23,851	72	68	65 328	5 487,723	49 235,509	8,972	8,508
23	19	98 576	44 683,102	1 079 073,038	24,149	23,685	73	69	62 940	5 108,323	43 747,786	8,564	8,100
24	20	98 504	43 140,598	1 034 389,936	23,977	23,513	74	70	60 412	4 737,394	38 639,463	8,156	7,692
25	21	98 427	41 649,166	991 249,339	23,800	23,336	75	71	57 689	4 370,856	33 902,069	7,756	7,292
26	22	98 353	40 210,215	949 600,173	23,616	23,152	76	72	54 814	4 012,603	29 531,213	7,360	6,896
27	23	98 273	38 819,165	909 389,958	23,426	22,962	77	73	51 772	3 661,770	25 518,610	6,969	6,505
28	24	98 189	37 474,132	870 570,793	23,231	22,767	78	74	48 550	3 317,717	21 856,840	6,588	6,124
29	25	98 110	36 177,819	833 096,661	23,028	22,564	79	75	45 130	2 979,711	18 539,123	6,222	5,758
30	26	98 024	34 923,745	796 918,842	22,819	22,355	80	76	41 562	2 651,369	15 559,412	5,868	5,404
31	27	97 938	33 713,176	761 995,098	22,602	22,138	81	77	37 907	2 336,401	12 908,043	5,525	5,061
32	28	97 842	32 541,123	728 281,922	22,380	21,916	82	78	34 171	2 034,911	10 571,641	5,195	4,731
33	29	97 745	31 409,642	695 740,798	22,151	21,687	83	79	30 418	1 750,180	8 536,731	4,878	4,414
34	30	97 642	30 315,615	664 331,156	21,914	21,450	84	80	26 737	1 486,353	6 786,551	4,566	4,102
35	31	97 537	29 258,933	634 015,542	21,669	21,205	85	81	23 105	1 240,988	5 300,198	4,271	3,807
36	32	97 426	28 237,223	604 756,609	21,417	20,953	86	82	19 614	1 017,904	4 059,210	3,988	3,524
37	33	97 306	27 248,647	576 519,386	21,158	20,694	87	83	16 292	816,891	3 041,305	3,723	3,259
38	34	97 178	26 292,597	549 270,738	20,891	20,427	88	84	13 205	639,719	2 224,414	3,477	3,013
39	35	97 030	25 364,774	522 978,141	20,618	20,154	89	85	10 433	488,350	1 584,696	3,245	2,781
40	36	96 880	24 469,157	497 613,368	20,336	19,872	90	86	7 969	360,397	1 096,346	3,042	2,578
41	37	96 709	23 600,148	473 144,211	20,048	19,584	91	87	5 948	259,891	735,949	2,832	2,368
42	38	96 525	22 758,695	449 544,062	19,753	19,289	92	88	4 244	179,169	476,057	2,657	2,193
43	39	96 324	21 943,225	426 785,367	19,450	18,986	93	89	2 919	119,068	296,889	2,493	2,029
44	40	96 089	21 149,376	404 842,143	19,142	18,678	94	90	1 918	75,586	177,821	2,353	1,889
45	41	95 830	20 379,125	383 692,766	18,828	18,364	95	91	1 210	46,075	102,235	2,219	1,755
46	42	95 541	19 630,617	363 313,641	18,507	18,043	96	92	723	26,616	56,160	2,110	1,646
47	43	95 220	18 903,025	343 683,024	18,181	17,717	97	93	415	14,745	29,544	2,004	1,540
48	44	94 848	18 192,423	324 779,999	17,852	17,388	98	94	226	7,759	14,799	1,907	1,443
49	45	94 437	17 501,167	306 587,576	17,518	17,054	99	95	117	3,868	7,039	1,820	1,356
							100	96	57	1,822	3,171	1,741	1,277

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	45	94 099	16 848,740	290 995,784	17,271	16,807
1							51	46	93 604	16 193,268	274 147,045	16,930	16,466
2							52	47	93 029	15 549,707	257 953,777	16,589	16,125
3							53	48	92 412	14 924,219	242 404,070	16,242	15,778
4							54	49	91 740	14 314,584	227 479,851	15,891	15,427
5	0	99 535	83 805,600	2 219 886,118	26,489	26,024	55	50	90 984	13 716,583	213 165,267	15,541	15,077
6	1	99 210	80 707,596	2 136 080,518	26,467	26,003	56	51	90 169	13 134,069	199 448,684	15,186	14,722
7	2	99 174	77 949,533	2 055 372,922	26,368	25,904	57	52	89 293	12 566,599	186 314,615	14,826	14,362
8	3	99 151	75 296,137	1 977 423,389	26,262	25,798	58	53	88 332	12 010,895	173 748,016	14,466	14,002
9	4	99 131	72 735,703	1 902 127,252	26,151	25,687	59	54	87 291	11 468,092	161 737,120	14,103	13,639
10	5	99 112	70 262,148	1 829 391,548	26,037	25,573	60	55	86 183	10 939,520	150 269,029	13,736	13,272
11	6	99 093	67 873,205	1 759 129,401	25,918	25,454	61	56	84 985	10 422,686	139 329,509	13,368	12,904
12	7	99 076	65 566,638	1 691 256,195	25,794	25,330	62	57	83 719	9 920,230	128 906,823	12,994	12,530
13	8	99 056	63 336,922	1 625 689,558	25,667	25,203	63	58	82 385	9 432,009	118 986,593	12,615	12,151
14	9	99 038	61 183,801	1 562 352,636	25,535	25,071	64	59	80 984	8 958,131	109 554,584	12,230	11,766
15	10	99 016	59 101,834	1 501 168,834	25,400	24,936	65	60	79 466	8 492,901	100 596,453	11,845	11,381
16	11	98 992	57 089,003	1 442 067,000	25,260	24,796	66	61	77 847	8 038,575	92 103,552	11,458	10,994
17	12	98 958	55 139,723	1 384 977,997	25,118	24,654	67	62	76 119	7 594,374	84 064,976	11,069	10,605
18	13	98 916	53 252,759	1 329 838,274	24,972	24,508	68	63	74 287	7 160,908	76 470,602	10,679	10,215
19	14	98 860	51 422,561	1 276 585,515	24,825	24,361	69	64	72 373	6 740,544	69 309,694	10,283	9,818
20	15	98 801	49 653,972	1 225 162,953	24,674	24,210	70	65	70 337	6 329,350	62 569,150	9,886	9,422
21	16	98 735	47 943,016	1 175 508,981	24,519	24,055	71	66	68 199	5 929,407	56 239,801	9,485	9,021
22	17	98 667	46 289,598	1 127 565,965	24,359	23,895	72	67	65 930	5 538,300	50 310,394	9,084	8,620
23	18	98 599	44 693,311	1 081 276,367	24,193	23,729	73	68	63 557	5 158,414	44 772,093	8,679	8,215
24	19	98 525	43 149,510	1 036 583,056	24,023	23,559	74	69	61 061	4 788,252	39 613,679	8,273	7,809
25	20	98 449	41 658,413	993 433,547	23,847	23,383	75	70	58 366	4 422,174	34 825,427	7,875	7,411
26	21	98 373	40 218,632	951 775,133	23,665	23,201	76	71	55 529	4 064,948	30 403,253	7,479	7,015
27	22	98 295	38 827,875	911 556,501	23,477	23,013	77	72	52 533	3 715,563	26 338,305	7,089	6,625
28	23	98 211	37 482,700	872 728,626	23,284	22,819	78	73	49 352	3 372,558	22 622,742	6,708	6,244
29	24	98 130	36 185,133	835 245,926	23,083	22,619	79	74	45 985	3 036,207	19 250,183	6,340	5,876
30	25	98 045	34 931,429	799 060,793	22,875	22,411	80	75	42 474	2 709,510	16 213,976	5,984	5,520
31	26	97 961	33 721,157	764 129,364	22,660	22,196	81	76	38 858	2 395,063	13 504,466	5,638	5,174
32	27	97 868	32 549,868	730 408,207	22,440	21,976	82	77	35 145	2 092,935	11 109,403	5,308	4,844
33	28	97 770	31 417,587	697 858,339	22,212	21,748	83	78	31 426	1 808,164	9 016,468	4,987	4,523
34	29	97 670	30 324,315	666 440,753	21,977	21,513	84	79	27 744	1 542,349	7 208,304	4,674	4,210
35	30	97 565	29 267,216	636 116,437	21,735	21,271	85	80	24 112	1 295,078	5 665,954	4,375	3,911
36	31	97 455	28 245,754	606 849,221	21,485	21,021	86	81	20 595	1 068,767	4 370,876	4,090	3,626
37	32	97 340	27 258,310	578 603,467	21,227	20,763	87	82	17 243	864,567	3 302,109	3,819	3,355
38	33	97 213	26 302,214	551 345,157	20,962	20,498	88	83	14 089	682,521	2 437,542	3,571	3,107
39	34	97 071	25 375,552	525 042,943	20,691	20,227	89	84	11 247	526,418	1 755,021	3,334	2,870
40	35	96 918	24 478,894	499 667,391	20,412	19,948	90	85	8 688	392,913	1 228,603	3,127	2,663
41	36	96 755	23 611,369	475 188,497	20,125	19,661	91	86	6 567	286,926	835,691	2,913	2,449
42	37	96 577	22 770,848	451 577,128	19,831	19,367	92	87	4 759	200,927	548,765	2,731	2,267
43	38	96 378	21 955,448	428 806,281	19,531	19,067	93	88	3 326	135,657	347,837	2,564	2,100
44	39	96 152	21 163,377	406 850,833	19,224	18,760	94	89	2 234	88,046	212,180	2,410	1,946
45	40	95 898	20 393,528	385 687,456	18,912	18,448	95	90	1 432	54,514	124,134	2,277	1,813
46	41	95 618	19 646,363	365 293,928	18,593	18,129	96	91	880	32,367	69,620	2,151	1,687
47	42	95 305	18 919,865	345 647,565	18,269	17,805	97	92	512	18,187	37,254	2,048	1,584
48	43	94 945	18 211,070	326 727,700	17,941	17,477	98	93	285	9,788	19,067	1,948	1,484
49	44	94 544	17 520,845	308 516,630	17,609	17,145	99	94	151	4,997	9,279	1,857	1,393
							100	95	75	2,413	4,282	1,775	1,311

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6	0	99 524	80 962,846	2 138 473,389	26,413	25,949
7	1	99 200	77 970,115	2 057 510,543	26,388	25,924
8	2	99 165	75 307,353	1 979 540,428	26,286	25,822
9	3	99 142	72 743,831	1 904 233,075	26,177	25,713
10	4	99 124	70 270,523	1 831 489,244	26,063	25,599
11	5	99 103	67 880,066	1 761 218,721	25,946	25,482
12	6	99 084	65 572,348	1 693 338,655	25,824	25,360
13	7	99 065	63 342,359	1 627 766,306	25,698	25,234
14	8	99 045	61 188,308	1 564 423,948	25,567	25,103
15	9	99 023	59 105,911	1 503 235,640	25,433	24,969
16	10	98 999	57 093,055	1 444 129,729	25,294	24,830
17	11	98 966	55 144,133	1 387 036,674	25,153	24,689
18	12	98 924	53 257,046	1 331 892,541	25,009	24,545
19	13	98 869	51 427,168	1 278 635,495	24,863	24,399
20	14	98 812	49 659,355	1 227 208,327	24,713	24,249
21	15	98 748	47 949,048	1 177 548,972	24,558	24,094
22	16	98 682	46 296,722	1 129 599,924	24,399	23,935
23	17	98 614	44 700,484	1 083 303,202	24,235	23,771
24	18	98 547	43 159,368	1 038 602,718	24,064	23,600
25	19	98 469	41 667,019	995 443,351	23,890	23,426
26	20	98 395	40 227,562	953 776,331	23,710	23,245
27	21	98 316	38 836,003	913 548,769	23,523	23,059
28	22	98 233	37 491,110	874 712,766	23,331	22,867
29	23	98 152	36 193,407	837 221,656	23,132	22,668
30	24	98 065	34 938,491	801 028,249	22,927	22,463
31	25	97 983	33 728,576	766 089,758	22,713	22,249
32	26	97 891	32 557,573	732 361,182	22,494	22,030
33	27	97 796	31 426,029	699 803,609	22,268	21,804
34	28	97 695	30 331,985	668 377,579	22,035	21,571
35	29	97 593	29 275,616	638 045,594	21,794	21,330
36	30	97 483	28 253,751	608 769,978	21,547	21,082
37	31	97 370	27 266,545	580 516,227	21,290	20,826
38	32	97 248	26 311,541	553 249,683	21,027	20,563
39	33	97 106	25 384,834	526 938,142	20,758	20,294
40	34	96 959	24 489,296	501 553,308	20,481	20,016
41	35	96 794	23 620,764	477 064,012	20,197	19,733
42	36	96 623	22 781,674	453 443,247	19,904	19,440
43	37	96 429	21 967,171	430 661,574	19,605	19,141
44	38	96 206	21 175,166	408 694,403	19,301	18,837
45	39	95 961	20 407,028	387 519,237	18,989	18,525
46	40	95 685	19 660,248	367 112,209	18,673	18,209
47	41	95 381	18 935,041	347 451,961	18,350	17,886
48	42	95 030	18 227,294	328 516,920	18,023	17,559
49	43	94 641	17 538,804	310 289,626	17,692	17,228
50	44	94 205	16 867,685	292 750,821	17,356	16,892
51	45	93 723	16 213,847	275 883,137	17,015	16,551
52	46	93 161	15 571,649	259 669,290	16,676	16,212
53	47	92 564	14 948,662	244 097,641	16,329	15,865
54	48	91 902	14 339,943	229 148,979	15,980	15,516
55	49	91 172	13 744,865	214 809,036	15,628	15,164
56	50	90 368	13 163,068	201 064,171	15,275	14,811
57	51	89 512	12 597,423	187 901,103	14,916	14,452
58	52	88 575	12 043,960	175 303,681	14,555	14,091
59	53	87 555	11 502,675	163 259,720	14,193	13,729
60	54	86 458	10 974,542	151 757,046	13,828	13,364
61	55	85 287	10 459,747	140 782,503	13,459	12,995
62	56	84 036	9 957,793	130 322,757	13,088	12,623
63	57	82 715	9 469,856	120 364,964	12,710	12,246
64	58	81 343	8 997,832	110 895,108	12,325	11,861
65	59	79 843	8 533,195	101 897,276	11,941	11,477
66	60	78 269	8 082,133	93 364,081	11,552	11,088
67	61	76 559	7 638,269	85 281,948	11,165	10,701
68	62	74 758	7 206,363	77 643,679	10,774	10,310
69	63	72 864	6 786,268	70 437,315	10,379	9,915
70	64	70 858	6 376,211	63 651,047	9,983	9,519
71	65	68 736	5 976,079	57 274,836	9,584	9,120
72	66	66 499	5 586,085	51 298,757	9,183	8,719
73	67	64 143	5 205,957	45 712,671	8,781	8,317
74	68	61 660	4 835,205	40 506,715	8,377	7,913
75	69	58 993	4 469,648	35 671,509	7,981	7,517
76	70	56 181	4 112,675	31 201,861	7,587	7,123
77	71	53 218	3 764,033	27 089,186	7,197	6,733
78	72	50 077	3 422,103	23 325,153	6,816	6,352
79	73	46 745	3 086,396	19 903,050	6,449	5,985
80	74	43 279	2 760,883	16 816,655	6,091	5,627
81	75	39 711	2 447,583	14 055,772	5,743	5,279
82	76	36 027	2 145,484	11 608,188	5,411	4,946
83	77	32 322	1 859,723	9 462,705	5,088	4,624
84	78	28 663	1 593,449	7 602,982	4,771	4,307
85	79	25 020	1 343,869	6 009,533	4,472	4,008
86	80	21 492	1 115,350	4 665,665	4,183	3,719
87	81	18 104	907,768	3 550,314	3,911	3,447
88	82	14 911	722,354	2 642,546	3,658	3,194
89	83	11 999	561,639	1 920,192	3,419	2,955
90	84	9 365	423,541	1 358,553	3,208	2,744
91	85	7 159	312,813	935,011	2,989	2,525
92	86	5 254	221,829	622,198	2,805	2,341
93	87	3 730	152,132	400,370	2,632	2,168
94	88	2 545	100,313	248,238	2,475	2,011
95	89	1 668	63,500	147,925	2,330	1,866
96	90	1 041	38,295	84,425	2,205	1,741
97	91	622	22,117	46,131	2,086	1,622
98	92	352	12,072	24,014	1,989	1,525
99	93	190	6,303	11,942	1,895	1,431
100	94	97	3,117	5,639	1,809	1,345

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	43	94 301	16 884,974	294 362,408	17,433	16,969
1							51	44	93 828	16 232,078	277 477,434	17,094	16,630
2							52	45	93 279	15 591,438	261 245,356	16,756	16,292
3							53	46	92 694	14 969,756	245 653,918	16,410	15,946
4							54	47	92 053	14 363,429	230 684,162	16,061	15,596
5							55	48	91 333	13 769,215	216 320,733	15,710	15,246
6							56	49	90 555	13 190,208	202 551,518	15,356	14,892
7	0	99 513	78 216,707	2 059 720,652	26,334	25,869	57	50	89 710	12 625,236	189 361,310	14,999	14,535
8	1	99 192	75 327,237	1 981 503,945	26,305	25,841	58	51	88 792	12 073,502	176 736,074	14,638	14,174
9	2	99 157	72 754,667	1 906 176,708	26,200	25,736	59	52	87 796	11 534,341	164 662,572	14,276	13,812
10	3	99 135	70 278,375	1 833 422,041	26,088	25,624	60	53	86 719	11 007,637	153 128,231	13,911	13,447
11	4	99 115	67 888,157	1 763 143,666	25,971	25,507	61	54	85 560	10 493,233	142 120,594	13,544	13,080
12	5	99 094	65 578,977	1 695 255,509	25,851	25,387	62	55	84 335	9 993,200	131 627,361	13,172	12,708
13	6	99 073	63 347,876	1 629 676,532	25,726	25,262	63	56	83 028	9 505,713	121 634,161	12,796	12,332
14	7	99 054	61 193,560	1 566 328,656	25,596	25,132	64	57	81 669	9 033,937	112 128,447	12,412	11,948
15	8	99 030	59 110,264	1 505 135,096	25,463	24,999	65	58	80 196	8 571,013	103 094,511	12,028	11,564
16	9	99 005	57 096,994	1 446 024,832	25,326	24,862	66	59	78 640	8 120,478	94 523,497	11,640	11,176
17	10	98 973	55 148,047	1 388 927,838	25,185	24,721	67	60	76 974	7 679,657	86 403,019	11,251	10,787
18	11	98 932	53 261,305	1 333 779,791	25,042	24,578	68	61	75 190	7 248,016	78 723,362	10,861	10,397
19	12	98 877	51 431,308	1 280 518,486	24,898	24,434	69	62	73 327	6 829,346	71 475,346	10,466	10,002
20	13	98 820	49 663,803	1 229 087,178	24,748	24,284	70	63	71 338	6 419,465	64 646,001	10,070	9,606
21	14	98 758	47 954,245	1 179 423,374	24,595	24,131	71	64	69 244	6 020,325	58 226,536	9,672	9,208
22	15	98 694	46 302,546	1 131 469,129	24,436	23,972	72	65	67 022	5 630,055	52 206,211	9,273	8,809
23	16	98 630	44 707,363	1 085 166,583	24,273	23,809	73	66	64 696	5 250,874	46 576,156	8,870	8,406
24	17	98 563	43 166,295	1 040 459,220	24,104	23,639	74	67	62 228	4 879,769	41 325,282	8,469	8,005
25	18	98 492	41 676,539	997 292,925	23,929	23,465	75	68	59 571	4 513,477	36 445,513	8,075	7,611
26	19	98 415	40 235,872	955 616,386	23,750	23,286	76	69	56 784	4 156,827	31 932,036	7,682	7,218
27	20	98 338	38 844,627	915 380,514	23,565	23,101	77	70	53 843	3 808,227	27 775,210	7,293	6,829
28	21	98 254	37 498,958	876 535,887	23,375	22,911	78	71	50 730	3 466,745	23 966,983	6,913	6,449
29	22	98 174	36 201,528	839 036,929	23,177	22,713	79	72	47 432	3 131,736	20 500,238	6,546	6,082
30	23	98 088	34 946,479	802 835,402	22,973	22,509	80	73	43 994	2 806,520	17 368,502	6,189	5,725
31	24	98 002	33 735,395	767 888,922	22,762	22,298	81	74	40 463	2 493,990	14 561,982	5,839	5,375
32	25	97 913	32 564,737	734 153,527	22,544	22,080	82	75	36 818	2 192,531	12 067,991	5,504	5,040
33	26	97 819	31 433,469	701 588,790	22,320	21,856	83	76	33 133	1 906,416	9 875,460	5,180	4,716
34	27	97 721	30 340,136	670 155,322	22,088	21,624	84	77	29 481	1 638,884	7 969,044	4,862	4,398
35	28	97 618	29 283,021	639 815,185	21,849	21,385	85	78	25 849	1 388,392	6 330,160	4,559	4,095
36	29	97 511	28 261,860	610 532,165	21,603	21,139	86	79	22 302	1 157,370	4 941,768	4,270	3,806
37	30	97 397	27 274,264	582 270,305	21,349	20,885	87	80	18 894	947,334	3 784,398	3,995	3,531
38	31	97 277	26 319,490	554 996,041	21,087	20,623	88	81	15 656	758,449	2 837,064	3,741	3,277
39	32	97 141	25 393,836	528 676,551	20,819	20,355	89	82	12 699	594,418	2 078,615	3,497	3,033
40	33	96 995	24 498,254	503 282,715	20,544	20,080	90	83	9 992	451,879	1 484,197	3,284	2,820
41	34	96 835	23 630,802	478 784,462	20,261	19,797	91	84	7 717	337,198	1 032,318	3,061	2,597
42	35	96 661	22 790,739	455 153,660	19,971	19,507	92	85	5 729	241,842	695,120	2,874	2,410
43	36	96 475	21 977,615	432 362,921	19,673	19,209	93	86	4 118	167,957	453,278	2,699	2,235
44	37	96 257	21 186,472	410 385,306	19,370	18,906	94	87	2 854	112,495	285,320	2,536	2,072
45	38	96 015	20 418,395	389 198,833	19,061	18,597	95	88	1 900	72,347	172,825	2,389	1,925
46	39	95 749	19 673,263	368 780,438	18,745	18,281	96	89	1 212	44,607	100,478	2,253	1,788
47	40	95 449	18 948,423	349 107,175	18,424	17,960	97	90	736	26,167	55,871	2,135	1,671
48	41	95 106	18 241,915	330 158,752	18,099	17,635	98	91	427	14,681	29,704	2,023	1,559
49	42	94 725	17 554,429	311 916,837	17,769	17,305	99	92	234	7,774	15,023	1,932	1,468
							100	93	123	3,932	7,249	1,844	1,380

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	42	94 385	16 900,016	295 840,373	17,505	17,041
1							51	43	93 924	16 248,716	278 940,357	17,167	16,703
2							52	44	93 384	15 608,970	262 691,641	16,830	16,366
3							53	45	92 812	14 988,780	247 082,672	16,485	16,020
4							54	46	92 183	14 383,697	232 093,892	16,136	15,672
5							55	47	91 483	13 791,766	217 710,194	15,786	15,321
6							56	48	90 715	13 213,576	203 918,428	15,432	14,968
7							57	49	89 895	12 651,268	190 704,853	15,074	14,610
8	0	99 505	75 565,471	1 983 544,744	26,249	25,785	58	50	88 988	12 100,158	178 053,585	14,715	14,251
9	1	99 183	72 773,877	1 907 979,273	26,218	25,754	59	51	88 011	11 562,632	165 953,427	14,353	13,889
10	2	99 149	70 288,844	1 835 205,396	26,109	25,645	60	52	86 958	11 037,940	154 390,794	13,987	13,523
11	3	99 126	67 895,743	1 764 916,552	25,995	25,530	61	53	85 818	10 524,877	143 352,854	13,620	13,156
12	4	99 106	65 586,793	1 697 020,809	25,874	25,410	62	54	84 605	10 025,193	132 827,977	13,249	12,785
13	5	99 083	63 354,279	1 631 434,015	25,751	25,287	63	55	83 324	9 539,513	122 802,784	12,873	12,409
14	6	99 062	61 198,890	1 568 079,736	25,623	25,159	64	56	81 979	9 068,143	113 263,271	12,490	12,026
15	7	99 039	59 115,338	1 506 880,847	25,491	25,026	65	57	80 518	8 605,405	104 195,128	12,108	11,644
16	8	99 013	57 101,199	1 447 765,509	25,354	24,890	66	58	78 989	8 156,467	95 589,722	11,720	11,255
17	9	98 980	55 151,851	1 390 664,310	25,215	24,751	67	59	77 339	7 716,093	87 433,255	11,331	10,867
18	10	98 939	53 265,085	1 335 512,458	25,073	24,609	68	60	75 598	7 287,289	79 717,162	10,939	10,475
19	11	98 885	51 435,422	1 282 247,373	24,929	24,465	69	61	73 751	6 868,819	72 429,873	10,545	10,081
20	12	98 828	49 667,802	1 230 811,951	24,781	24,317	70	62	71 791	6 460,213	65 561,054	10,148	9,684
21	13	98 767	47 958,541	1 181 144,150	24,628	24,164	71	63	69 714	6 061,164	59 100,841	9,751	9,287
22	14	98 705	46 307,566	1 133 185,609	24,471	24,007	72	64	67 518	5 671,739	53 039,677	9,352	8,888
23	15	98 642	44 712,988	1 086 878,043	24,308	23,844	73	65	65 205	5 292,206	47 367,937	8,951	8,486
24	16	98 578	43 172,938	1 042 165,055	24,139	23,675	74	66	62 765	4 921,872	42 075,732	8,549	8,085
25	17	98 508	41 683,228	998 992,117	23,966	23,502	75	67	60 120	4 555,075	37 153,860	8,157	7,693
26	18	98 438	40 245,065	957 308,890	23,787	23,323	76	68	57 341	4 197,588	32 598,785	7,766	7,302
27	19	98 358	38 852,651	917 063,825	23,604	23,140	77	69	54 421	3 849,110	28 401,197	7,379	6,915
28	20	98 276	37 507,284	878 211,174	23,414	22,950	78	70	51 326	3 507,448	24 552,087	7,000	6,536
29	21	98 195	36 209,106	840 703,889	23,218	22,754	79	71	48 051	3 172,590	21 044,639	6,633	6,169
30	22	98 110	34 954,321	804 494,784	23,016	22,552	80	72	44 641	2 847,749	17 872,049	6,276	5,812
31	23	98 025	33 743,108	769 540,463	22,806	22,342	81	73	41 132	2 535,216	15 024,300	5,926	5,462
32	24	97 932	32 571,321	735 797,355	22,590	22,126	82	74	37 516	2 234,102	12 489,084	5,590	5,126
33	25	97 841	31 440,385	703 226,034	22,367	21,903	83	75	33 860	1 948,221	10 254,982	5,264	4,800
34	26	97 744	30 347,318	671 785,649	22,137	21,673	84	76	30 221	1 680,033	8 306,761	4,944	4,480
35	27	97 644	29 290,890	641 438,331	21,899	21,435	85	77	26 586	1 427,981	6 626,728	4,641	4,177
36	28	97 536	28 269,008	612 147,441	21,654	21,190	86	78	23 041	1 195,714	5 198,747	4,348	3,884
37	29	97 425	27 282,092	583 878,433	21,402	20,938	87	79	19 605	983,024	4 003,033	4,072	3,608
38	30	97 305	26 326,941	556 596,341	21,142	20,678	88	80	16 338	791,507	3 020,009	3,816	3,351
39	31	97 170	25 401,507	530 269,400	20,876	20,411	89	81	13 334	624,120	2 228,502	3,571	3,107
40	32	97 029	24 506,941	504 867,892	20,601	20,137	90	82	10 575	478,252	1 604,382	3,355	2,891
41	33	96 871	23 639,445	480 360,952	20,320	19,856	91	83	8 233	359,759	1 126,130	3,130	2,666
42	34	96 702	22 800,424	456 721,506	20,031	19,567	92	84	6 175	260,695	766,371	2,940	2,476
43	35	96 514	21 986,360	433 921,082	19,736	19,272	93	85	4 489	183,111	505,676	2,762	2,298
44	36	96 303	21 196,545	411 934,722	19,434	18,970	94	86	3 151	124,197	322,566	2,597	2,133
45	37	96 066	20 429,298	390 738,177	19,126	18,662	95	87	2 131	81,133	198,369	2,445	1,981
46	38	95 802	19 684,221	370 308,878	18,812	18,348	96	88	1 381	50,822	117,236	2,307	1,843
47	39	95 512	18 960,967	350 624,657	18,492	18,028	97	89	858	30,481	66,413	2,179	1,715
48	40	95 173	18 254,807	331 663,690	18,169	17,705	98	90	506	17,369	35,932	2,069	1,605
49	41	94 801	17 568,510	313 408,884	17,839	17,375	99	91	285	9,454	18,563	1,964	1,500
							100	92	151	4,850	9,109	1,878	1,414

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	41	94 461	16 913,572	297 194,791	17,571	17,107
1							51	42	94 008	16 263,191	280 281,218	17,234	16,770
2							52	43	93 480	15 624,969	264 018,027	16,897	16,433
3							53	44	92 917	15 005,634	248 393,058	16,553	16,089
4							54	45	92 300	14 401,977	233 387,425	16,205	15,741
5							55	46	91 612	13 811,228	218 985,448	15,856	15,392
6							56	47	90 864	13 235,217	205 174,220	15,502	15,038
7							57	48	90 054	12 673,680	191 939,004	15,145	14,681
8							58	49	89 171	12 125,108	179 265,323	14,785	14,321
9	0	99 497	73 004,036	1 909 863,562	26,161	25,697	59	50	88 205	11 588,161	167 140,216	14,423	13,959
10	1	99 176	70 307,403	1 836 859,526	26,126	25,662	60	51	87 171	11 065,014	155 552,055	14,058	13,594
11	2	99 140	67 905,857	1 766 552,123	26,015	25,551	61	52	86 054	10 553,851	144 487,041	13,690	13,226
12	3	99 117	65 594,122	1 698 646,266	25,896	25,432	62	53	84 860	10 055,425	133 933,190	13,319	12,855
13	4	99 095	63 361,831	1 633 052,144	25,773	25,309	63	54	83 590	9 570,054	123 877,765	12,944	12,480
14	5	99 072	61 205,076	1 569 690,313	25,646	25,182	64	55	82 270	9 100,388	114 307,711	12,561	12,097
15	6	99 047	59 120,487	1 508 485,237	25,515	25,051	65	56	80 823	8 637,990	105 207,324	12,180	11,716
16	7	99 021	57 106,100	1 449 364,750	25,380	24,916	66	57	79 306	8 189,195	96 569,334	11,792	11,328
17	8	98 987	55 155,913	1 392 258,650	25,242	24,778	67	58	77 682	7 750,290	88 380,138	11,403	10,939
18	9	98 946	53 268,760	1 337 102,737	25,101	24,637	68	59	75 957	7 321,863	80 629,849	11,012	10,548
19	10	98 892	51 439,072	1 283 833,977	24,958	24,494	69	60	74 150	6 906,038	73 307,985	10,615	10,151
20	11	98 836	49 671,774	1 232 394,904	24,811	24,347	70	61	72 206	6 497,553	66 401,948	10,220	9,756
21	12	98 775	47 962,402	1 182 723,131	24,659	24,195	71	62	70 157	6 099,639	59 904,395	9,821	9,357
22	13	98 714	46 311,714	1 134 760,729	24,503	24,039	72	63	67 976	5 710,214	53 804,756	9,423	8,959
23	14	98 653	44 717,834	1 088 449,015	24,340	23,876	73	64	65 688	5 331,388	48 094,542	9,021	8,557
24	15	98 590	43 178,369	1 043 731,180	24,173	23,709	74	65	63 259	4 960,613	42 763,154	8,621	8,157
25	16	98 523	41 689,643	1 000 552,811	24,000	23,536	75	66	60 639	4 594,377	37 802,541	8,228	7,764
26	17	98 454	40 251,524	958 863,168	23,822	23,358	76	67	57 870	4 236,275	33 208,164	7,839	7,375
27	18	98 381	38 861,528	918 611,644	23,638	23,174	77	68	54 955	3 886,854	28 971,889	7,454	6,990
28	19	98 296	37 515,033	879 750,117	23,451	22,987	78	69	51 877	3 545,102	25 085,035	7,076	6,612
29	20	98 216	36 217,146	842 235,084	23,255	22,791	79	70	48 615	3 209,839	21 539,933	6,711	6,247
30	21	98 130	34 961,638	806 017,938	23,054	22,590	80	71	45 223	2 884,899	18 330,094	6,354	5,890
31	22	98 047	33 750,680	771 056,301	22,846	22,382	81	72	41 737	2 572,459	15 445,195	6,004	5,540
32	23	97 955	32 578,767	737 305,621	22,631	22,167	82	73	38 136	2 271,032	12 872,736	5,668	5,204
33	24	97 860	31 446,741	704 726,853	22,410	21,946	83	74	34 502	1 985,160	10 601,704	5,340	4,876
34	25	97 766	30 353,996	673 280,112	22,181	21,717	84	75	30 884	1 716,874	8 616,544	5,019	4,555
35	26	97 667	29 297,824	642 926,116	21,945	21,480	85	76	27 253	1 463,834	6 899,670	4,713	4,249
36	27	97 562	28 276,605	613 628,293	21,701	21,237	86	77	23 698	1 229,809	5 435,836	4,420	3,956
37	28	97 450	27 288,993	585 351,688	21,450	20,986	87	78	20 255	1 015,592	4 206,027	4,141	3,677
38	29	97 333	26 334,497	558 062,695	21,191	20,727	88	79	16 954	821,326	3 190,435	3,884	3,420
39	30	97 198	25 408,699	531 728,198	20,927	20,463	89	80	13 915	651,323	2 369,109	3,637	3,173
40	31	97 059	24 514,345	506 319,499	20,654	20,190	90	81	11 104	502,150	1 717,786	3,421	2,957
41	32	96 905	23 647,828	481 805,155	20,374	19,910	91	82	8 714	380,755	1 215,636	3,193	2,729
42	33	96 738	22 808,764	458 157,327	20,087	19,623	92	83	6 588	278,137	834,881	3,002	2,538
43	34	96 555	21 995,704	435 348,563	19,792	19,328	93	84	4 839	197,385	556,744	2,821	2,357
44	35	96 341	21 204,980	413 352,860	19,493	19,029	94	85	3 436	135,402	359,360	2,654	2,190
45	36	96 112	20 439,011	392 147,880	19,186	18,722	95	86	2 352	89,573	223,957	2,500	2,036
46	37	95 853	19 694,732	371 708,869	18,874	18,409	96	87	1 549	56,994	134,384	2,358	1,894
47	38	95 565	18 971,529	352 014,137	18,555	18,091	97	88	977	34,728	77,390	2,228	1,764
48	39	95 236	18 266,891	333 042,608	18,232	17,768	98	89	589	20,233	42,663	2,109	1,645
49	40	94 868	17 580,926	314 775,717	17,904	17,440	99	90	337	11,185	22,430	2,005	1,541
							100	91	184	5,898	11,245	1,907	1,443

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	40	94 528	16 925,526	298 435,003	17,632	17,168
1							51	41	94 083	16 276,237	281 509,477	17,296	16,832
2							52	42	93 563	15 638,889	265 233,241	16,960	16,496
3							53	43	93 012	15 021,014	249 594,352	16,616	16,152
4							54	44	92 404	14 418,171	234 573,338	16,269	15,805
5							55	45	91 728	13 828,779	220 155,167	15,920	15,456
6							56	46	90 992	13 253,893	206 326,388	15,567	15,103
7							57	47	90 201	12 694,437	193 072,495	15,209	14,745
8							58	48	89 329	12 146,588	180 378,057	14,850	14,386
9							59	49	88 387	11 612,054	168 231,469	14,488	14,024
10	0	99 489	70 529,761	1 838 599,395	26,068	25,604	60	50	87 364	11 089,444	156 619,415	14,123	13,659
11	1	99 167	67 923,787	1 768 069,634	26,030	25,566	61	51	86 265	10 579,737	145 529,971	13,756	13,292
12	2	99 132	65 603,894	1 700 145,847	25,915	25,451	62	52	85 093	10 083,107	134 950,234	13,384	12,920
13	3	99 106	63 368,911	1 634 541,954	25,794	25,330	63	53	83 842	9 598,913	124 867,127	13,008	12,544
14	4	99 084	61 212,371	1 571 173,043	25,668	25,204	64	54	82 534	9 129,522	115 268,214	12,626	12,162
15	5	99 057	59 126,463	1 509 960,672	25,538	25,074	65	55	81 110	8 668,704	106 138,692	12,244	11,780
16	6	99 030	57 111,074	1 450 834,209	25,404	24,940	66	56	79 606	8 220,204	97 469,987	11,857	11,393
17	7	98 995	55 160,648	1 393 723,134	25,267	24,803	67	57	77 994	7 781,389	89 249,784	11,470	11,006
18	8	98 953	53 272,683	1 338 562,487	25,127	24,663	68	58	76 293	7 354,313	81 468,395	11,078	10,614
19	9	98 899	51 442,621	1 285 289,803	24,985	24,521	69	59	74 502	6 938,803	74 114,082	10,681	10,217
20	10	98 843	49 675,299	1 233 847,182	24,838	24,374	70	60	72 597	6 532,760	67 175,279	10,283	9,819
21	11	98 783	47 966,238	1 184 171,883	24,688	24,224	71	61	70 562	6 134,894	60 642,519	9,885	9,421
22	12	98 722	46 315,442	1 136 205,645	24,532	24,068	72	62	68 408	5 746,460	54 507,625	9,485	9,021
23	13	98 661	44 721,841	1 089 890,203	24,370	23,906	73	63	66 134	5 367,554	48 761,164	9,084	8,620
24	14	98 601	43 183,050	1 045 168,363	24,203	23,739	74	64	63 727	4 997,341	43 393,610	8,683	8,219
25	15	98 535	41 694,887	1 001 985,313	24,031	23,567	75	65	61 116	4 630,541	38 396,270	8,292	7,828
26	16	98 469	40 257,719	960 290,425	23,854	23,390	76	66	58 369	4 272,826	33 765,729	7,902	7,438
27	17	98 396	38 867,765	920 032,707	23,671	23,207	77	67	55 461	3 922,677	29 492,903	7,519	7,055
28	18	98 318	37 523,604	881 164,942	23,483	23,019	78	68	52 386	3 579,865	25 570,226	7,143	6,679
29	19	98 237	36 224,627	843 641,339	23,289	22,825	79	69	49 137	3 244,299	21 990,362	6,778	6,314
30	20	98 152	34 969,401	807 416,711	23,089	22,625	80	70	45 754	2 918,770	18 746,063	6,423	5,959
31	21	98 067	33 757,745	772 447,311	22,882	22,418	81	71	42 281	2 606,018	15 827,292	6,073	5,609
32	22	97 977	32 586,077	738 689,566	22,669	22,205	82	72	38 696	2 304,394	13 221,275	5,737	5,273
33	23	97 883	31 453,931	706 103,488	22,449	21,985	83	73	35 072	2 017,975	10 916,881	5,410	4,946
34	24	97 786	30 360,133	674 649,557	22,222	21,758	84	74	31 469	1 749,426	8 898,906	5,087	4,623
35	25	97 688	29 304,270	644 289,424	21,986	21,522	85	75	27 851	1 495,934	7 149,480	4,779	4,315
36	26	97 585	28 283,298	614 985,154	21,744	21,280	86	76	24 293	1 260,687	5 653,546	4,484	4,020
37	27	97 476	27 296,326	586 701,856	21,494	21,030	87	77	20 832	1 044,551	4 392,859	4,206	3,741
38	28	97 357	26 341,158	559 405,530	21,237	20,773	88	78	17 515	848,537	3 348,309	3,946	3,482
39	29	97 226	25 415,991	533 064,372	20,974	20,510	89	79	14 439	675,861	2 499,771	3,699	3,235
40	30	97 086	24 521,285	507 648,381	20,702	20,238	90	80	11 588	524,036	1 823,911	3,481	3,016
41	31	96 934	23 654,972	483 127,096	20,424	19,960	91	81	9 149	399,781	1 299,874	3,251	2,787
42	32	96 772	22 816,852	459 472,124	20,137	19,673	92	82	6 973	294,370	900,093	3,058	2,594
43	33	96 590	22 003,749	436 655,272	19,845	19,381	93	83	5 163	210,591	605,723	2,876	2,412
44	34	96 382	21 213,991	414 651,523	19,546	19,082	94	84	3 704	145,958	395,132	2,707	2,243
45	35	96 150	20 447,144	393 437,532	19,242	18,778	95	85	2 565	97,654	249,175	2,552	2,088
46	36	95 899	19 704,096	372 990,389	18,930	18,466	96	86	1 710	62,923	151,521	2,408	1,944
47	37	95 616	18 981,659	353 286,293	18,612	18,148	97	87	1 096	38,945	88,598	2,275	1,811
48	38	95 289	18 277,066	334 304,634	18,291	17,827	98	88	671	23,052	49,653	2,154	1,690
49	39	94 931	17 592,565	316 027,568	17,964	17,500	99	89	393	13,029	26,601	2,042	1,578
							100	90	218	6,978	13,572	1,945	1,481

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$
0							50	39	94 590	16 936,730	299 570,569	17,688	17,224
1							51	40	94 150	16 287,740	282 633,838	17,353	16,889
2							52	41	93 638	15 651,433	266 346,099	17,017	16,553
3							53	42	93 095	15 034,396	250 694,666	16,675	16,211
4							54	43	92 498	14 432,949	235 660,269	16,328	15,864
5							55	44	91 831	13 844,329	221 227,320	15,980	15,516
6							56	45	91 108	13 270,737	207 382,992	15,627	15,163
7							57	46	90 329	12 712,350	194 112,255	15,270	14,806
8							58	47	89 476	12 166,482	181 399,905	14,910	14,446
9							59	48	88 544	11 632,626	169 233,423	14,548	14,084
10							60	49	87 544	11 112,309	157 600,797	14,183	13,719
11	0	99 480	68 138,606	1 769 676,435	25,972	25,508	61	50	86 456	10 603,096	146 488,488	13,816	13,352
12	1	99 158	65 621,215	1 701 537,829	25,930	25,466	62	51	85 302	10 107,839	135 885,392	13,444	12,980
13	2	99 121	63 378,351	1 635 916,614	25,812	25,348	63	52	84 073	9 625,338	125 777,553	13,067	12,603
14	3	99 095	61 219,211	1 572 538,263	25,687	25,223	64	53	82 782	9 157,053	116 152,215	12,684	12,220
15	4	99 069	59 133,511	1 511 319,052	25,558	25,094	65	54	81 370	8 696,457	106 995,162	12,303	11,839
16	5	99 040	57 116,847	1 452 185,541	25,425	24,961	66	55	79 889	8 249,433	98 298,705	11,916	11,452
17	6	99 004	55 165,452	1 395 068,694	25,289	24,825	67	56	78 289	7 810,853	90 049,272	11,529	11,065
18	7	98 962	53 277,256	1 339 903,242	25,150	24,686	68	57	76 599	7 383,823	82 238,420	11,138	10,674
19	8	98 906	51 446,410	1 286 625,986	25,009	24,545	69	58	74 832	6 969,555	74 854,597	10,740	10,276
20	9	98 850	49 678,726	1 235 179,576	24,863	24,399	70	59	72 942	6 563,755	67 885,042	10,342	9,878
21	10	98 790	47 969,642	1 185 500,850	24,714	24,250	71	60	70 945	6 168,136	61 321,288	9,942	9,478
22	11	98 730	46 319,146	1 137 531,208	24,559	24,095	72	61	68 803	5 779,675	55 153,151	9,543	9,079
23	12	98 669	44 725,441	1 091 212,061	24,398	23,934	73	62	66 553	5 401,625	49 373,477	9,140	8,676
24	13	98 610	43 186,918	1 046 486,621	24,232	23,768	74	63	64 160	5 031,241	43 971,851	8,740	8,276
25	14	98 546	41 699,407	1 003 299,702	24,060	23,596	75	64	61 569	4 664,824	38 940,611	8,348	7,884
26	15	98 481	40 262,783	961 600,295	23,883	23,419	76	65	58 828	4 306,459	34 275,786	7,959	7,495
27	16	98 411	38 873,746	921 337,512	23,701	23,237	77	66	55 940	3 956,522	29 969,328	7,575	7,111
28	17	98 334	37 529,626	882 463,766	23,514	23,050	78	67	52 869	3 612,858	26 012,805	7,200	6,736
29	18	98 259	36 232,903	844 934,140	23,320	22,856	79	68	49 619	3 276,112	22 399,947	6,837	6,373
30	19	98 172	34 976,625	808 701,236	23,121	22,657	80	69	46 245	2 950,105	19 123,835	6,482	6,018
31	20	98 089	33 765,240	773 724,611	22,915	22,451	81	70	42 777	2 636,615	16 173,730	6,134	5,670
32	21	97 997	32 592,899	739 959,371	22,703	22,239	82	71	39 201	2 334,455	13 537,116	5,799	5,335
33	22	97 905	31 460,989	707 366,472	22,484	22,020	83	72	35 588	2 047,619	11 202,660	5,471	5,007
34	23	97 808	30 367,074	675 905,483	22,258	21,794	84	73	31 989	1 778,344	9 155,041	5,148	4,684
35	24	97 708	29 310,195	645 538,409	22,024	21,560	85	74	28 379	1 524,297	7 376,696	4,839	4,375
36	25	97 606	28 289,521	616 228,215	21,783	21,319	86	75	24 825	1 288,332	5 852,399	4,543	4,079
37	26	97 499	27 302,787	587 938,693	21,534	21,070	87	76	21 355	1 070,777	4 564,067	4,262	3,798
38	27	97 383	26 348,237	560 635,906	21,278	20,814	88	77	18 015	872,733	3 493,290	4,003	3,539
39	28	97 250	25 422,420	534 287,669	21,016	20,552	89	78	14 918	698,252	2 620,558	3,753	3,289
40	29	97 114	24 528,322	508 865,250	20,746	20,282	90	79	12 024	543,779	1 922,305	3,535	3,071
41	30	96 962	23 661,669	484 336,927	20,469	20,005	91	80	9 548	417,206	1 378,527	3,304	2,840
42	31	96 801	22 823,745	460 675,258	20,184	19,720	92	81	7 321	309,079	961,321	3,110	2,646
43	32	96 624	22 011,551	437 851,513	19,892	19,428	93	82	5 464	222,882	652,242	2,926	2,462
44	33	96 418	21 221,750	415 839,961	19,595	19,131	94	83	3 951	155,723	429,360	2,757	2,293
45	34	96 191	20 455,833	394 618,211	19,291	18,827	95	84	2 765	105,267	273,637	2,599	2,135
46	35	95 937	19 711,936	374 162,378	18,982	18,517	96	85	1 865	68,600	168,370	2,454	1,990
47	36	95 661	18 990,683	354 450,442	18,664	18,200	97	86	1 210	42,996	99,770	2,320	1,856
48	37	95 340	18 286,826	335 459,758	18,344	17,880	98	87	753	25,851	56,774	2,196	1,732
49	38	94 983	17 602,364	317 172,933	18,019	17,555	99	88	447	14,844	30,923	2,083	1,619
							100	89	254	8,128	16,079	1,978	1,514

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	38	94 643	16 946,164	300 609,324	17,739	17,275
1							51	39	94 212	16 298,522	283 663,159	17,404	16,940
2							52	40	93 704	15 662,494	267 364,638	17,070	16,606
3							53	41	93 169	15 046,456	251 702,143	16,728	16,264
4							54	42	92 581	14 445,807	236 655,687	16,382	15,918
5							55	43	91 926	13 858,519	222 209,880	16,034	15,570
6							56	44	91 210	13 285,658	208 351,361	15,682	15,218
7							57	45	90 443	12 728,506	195 065,703	15,325	14,861
8							58	46	89 602	12 183,650	182 337,197	14,966	14,502
9							59	47	88 689	11 651,678	170 153,547	14,603	14,139
10							60	48	87 699	11 131,996	158 501,869	14,238	13,774
11							61	49	86 634	10 624,958	147 369,874	13,870	13,406
12	0	99 472	65 828,753	1 703 022,155	25,870	25,406	62	50	85 490	10 130,155	136 744,916	13,499	13,035
13	1	99 147	63 395,085	1 637 193,402	25,825	25,361	63	51	84 280	9 648,947	126 614,760	13,122	12,658
14	2	99 110	61 228,331	1 573 798,318	25,704	25,240	64	52	83 010	9 182,262	116 965,813	12,738	12,274
15	3	99 080	59 140,118	1 512 569,987	25,576	25,112	65	53	81 616	8 722,682	107 783,551	12,357	11,893
16	4	99 052	57 123,655	1 453 429,868	25,444	24,980	66	54	80 145	8 275,843	99 060,869	11,970	11,506
17	5	99 014	55 171,028	1 396 306,213	25,309	24,845	67	55	78 568	7 838,626	90 785,026	11,582	11,118
18	6	98 971	53 281,896	1 341 135,185	25,171	24,707	68	56	76 889	7 411,782	82 946,400	11,191	10,727
19	7	98 914	51 450,826	1 287 853,289	25,031	24,567	69	57	75 133	6 997,521	75 534,619	10,794	10,330
20	8	98 857	49 682,385	1 236 402,463	24,886	24,422	70	58	73 265	6 592,844	68 537,098	10,396	9,932
21	9	98 797	47 972,952	1 186 720,078	24,737	24,273	71	59	71 281	6 197,401	61 944,254	9,995	9,531
22	10	98 737	46 322,434	1 138 747,126	24,583	24,119	72	60	69 176	5 810,992	55 746,853	9,593	9,129
23	11	98 677	44 729,018	1 092 424,692	24,423	23,959	73	61	66 938	5 432,846	49 935,861	9,191	8,727
24	12	98 618	43 190,395	1 047 695,675	24,258	23,794	74	62	64 567	5 063,177	44 503,015	8,790	8,326
25	13	98 555	41 703,143	1 004 505,280	24,087	23,623	75	63	61 987	4 696,469	39 439,837	8,398	7,934
26	14	98 492	40 267,148	962 802,137	23,910	23,446	76	64	59 264	4 338,343	34 743,369	8,008	7,544
27	15	98 424	38 878,637	922 534,989	23,729	23,265	77	65	56 380	3 987,665	30 405,026	7,625	7,161
28	16	98 349	37 535,402	883 656,352	23,542	23,078	78	66	53 325	3 644,030	26 417,361	7,249	6,785
29	17	98 275	36 238,719	846 120,951	23,349	22,885	79	67	50 076	3 306,306	22 773,330	6,888	6,424
30	18	98 195	34 984,615	809 882,232	23,150	22,686	80	68	46 699	2 979,033	19 467,024	6,535	6,071
31	19	98 109	33 772,216	774 897,616	22,945	22,481	81	69	43 237	2 664,920	16 487,991	6,187	5,723
32	20	98 019	32 600,136	741 125,401	22,734	22,270	82	70	39 661	2 361,864	13 823,071	5,853	5,389
33	21	97 925	31 467,575	708 525,265	22,516	22,052	83	71	36 052	2 074,331	11 461,207	5,525	5,061
34	22	97 830	30 373,888	677 057,690	22,291	21,827	84	72	32 459	1 804,469	9 386,876	5,202	4,738
35	23	97 731	29 316,896	646 683,803	22,058	21,594	85	73	28 848	1 549,494	7 582,407	4,893	4,429
36	24	97 626	28 295,241	617 366,907	21,819	21,355	86	74	25 296	1 312,759	6 032,913	4,596	4,132
37	25	97 520	27 308,795	589 071,666	21,571	21,107	87	75	21 824	1 094,257	4 720,154	4,314	3,850
38	26	97 406	26 354,474	561 762,871	21,316	20,852	88	76	18 467	894,645	3 625,896	4,053	3,589
39	27	97 276	25 429,251	535 408,397	21,055	20,591	89	77	15 343	718,163	2 731,251	3,803	3,339
40	28	97 139	24 534,527	509 979,146	20,786	20,322	90	78	12 423	561,795	2 013,089	3,583	3,119
41	29	96 989	23 668,460	485 444,619	20,510	20,046	91	79	9 908	432,924	1 451,294	3,352	2,888
42	30	96 829	22 830,207	461 776,159	20,227	19,763	92	80	7 640	322,550	1 018,371	3,157	2,693
43	31	96 653	22 018,201	438 945,952	19,936	19,472	93	81	5 737	234,019	695,820	2,973	2,509
44	32	96 452	21 229,276	416 927,751	19,639	19,175	94	82	4 182	164,812	461,802	2,802	2,338
45	33	96 226	20 463,315	395 698,475	19,337	18,873	95	83	2 950	112,310	296,990	2,644	2,180
46	34	95 978	19 720,313	375 235,160	19,028	18,564	96	84	2 010	73,948	184,680	2,497	2,033
47	35	95 700	18 998,240	355 514,847	18,713	18,249	97	85	1 319	46,875	110,733	2,362	1,898
48	36	95 385	18 295,520	336 516,607	18,393	17,929	98	86	831	28,540	63,857	2,237	1,773
49	37	95 034	17 611,763	318 221,087	18,069	17,605	99	87	502	16,647	35,317	2,122	1,658
							100	88	289	9,261	18,670	2,016	1,552

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13	0	99 461	63 595,582	1 638 565,085	25,765	25,301
14	1	99 136	61 244,497	1 574 969,503	25,716	25,252
15	2	99 095	59 148,928	1 513 725,006	25,592	25,128
16	3	99 063	57 130,039	1 454 576,078	25,461	24,997
17	4	99 026	55 177,604	1 397 446,039	25,326	24,862
18	5	98 981	53 287,282	1 342 268,435	25,189	24,725
19	6	98 923	51 455,307	1 288 981,152	25,050	24,586
20	7	98 866	49 686,650	1 237 525,846	24,907	24,443
21	8	98 804	47 976,485	1 187 839,196	24,759	24,295
22	9	98 744	46 325,630	1 139 862,711	24,605	24,141
23	10	98 684	44 732,192	1 093 537,082	24,446	23,982
24	11	98 626	43 193,849	1 048 804,889	24,281	23,817
25	12	98 563	41 706,500	1 005 611,040	24,112	23,648
26	13	98 501	40 270,755	963 904,540	23,936	23,472
27	14	98 435	38 882,851	923 633,785	23,754	23,290
28	15	98 362	37 540,124	884 750,934	23,568	23,104
29	16	98 290	36 244,296	847 210,810	23,375	22,911
30	17	98 210	34 990,230	810 966,514	23,177	22,713
31	18	98 132	33 779,931	775 976,284	22,972	22,507
32	19	98 039	32 606,870	742 196,352	22,762	22,298
33	20	97 947	31 474,562	709 589,482	22,545	22,081
34	21	97 851	30 380,246	678 114,920	22,321	21,857
35	22	97 752	29 323,474	647 734,674	22,089	21,625
36	23	97 648	28 301,710	618 411,200	21,851	21,387
37	24	97 540	27 314,316	590 109,490	21,604	21,140
38	25	97 428	26 360,272	562 795,174	21,350	20,886
39	26	97 299	25 435,271	536 434,901	21,090	20,626
40	27	97 165	24 541,120	510 999,630	20,822	20,358
41	28	97 014	23 674,447	486 458,511	20,548	20,084
42	29	96 857	22 836,759	462 784,064	20,265	19,801
43	30	96 681	22 024,435	439 947,305	19,975	19,511
44	31	96 481	21 235,689	417 922,870	19,680	19,216
45	32	96 260	20 470,571	396 687,181	19,378	18,914
46	33	96 013	19 727,526	376 216,609	19,071	18,607
47	34	95 740	19 006,313	356 489,083	18,756	18,292
48	35	95 423	18 302,800	337 482,770	18,439	17,975
49	36	95 079	17 620,137	319 179,970	18,115	17,650
50	37	94 694	16 955,213	301 559,833	17,786	17,322
51	38	94 264	16 307,601	284 604,620	17,452	16,988
52	39	93 766	15 672,863	268 297,020	17,119	16,655
53	40	93 235	15 057,090	252 624,157	16,778	16,314
54	41	92 655	14 457,395	237 567,067	16,432	15,968
55	42	92 007	13 870,865	223 109,673	16,085	15,621
56	43	91 304	13 299,276	209 238,807	15,733	15,269
57	44	90 545	12 742,818	195 939,531	15,376	14,912
58	45	89 716	12 199,133	183 196,713	15,017	14,553
59	46	88 814	11 668,119	170 997,580	14,655	14,191
60	47	87 843	11 150,228	159 329,460	14,289	13,825
61	48	86 788	10 643,781	148 179,233	13,922	13,458
62	49	85 667	10 151,043	137 535,452	13,549	13,085
63	50	84 466	9 670,251	127 384,409	13,173	12,709
64	51	83 214	9 204,784	117 714,158	12,788	12,324
65	52	81 840	8 746,695	108 509,374	12,406	11,942
66	53	80 386	8 300,800	99 762,680	12,018	11,554
67	54	78 819	7 863,721	91 461,880	11,631	11,167
68	55	77 163	7 438,136	83 598,159	11,239	10,775
69	56	75 417	7 024,017	76 160,023	10,843	10,379
70	57	73 559	6 619,299	69 136,006	10,445	9,981
71	58	71 597	6 224,867	62 516,707	10,043	9,579
72	59	69 504	5 838,562	56 291,841	9,641	9,177
73	60	67 301	5 462,285	50 453,279	9,237	8,773
74	61	64 940	5 092,442	44 990,994	8,835	8,371
75	62	62 380	4 726,280	39 898,552	8,442	7,978
76	63	59 666	4 367,772	35 172,272	8,053	7,589
77	64	56 798	4 017,189	30 804,500	7,668	7,204
78	65	53 745	3 672,714	26 787,310	7,294	6,830
79	66	50 508	3 334,833	23 114,597	6,931	6,467
80	67	47 129	3 006,489	19 779,763	6,579	6,115
81	68	43 661	2 691,052	16 773,274	6,233	5,769
82	69	40 087	2 387,220	14 082,222	5,899	5,435
83	70	36 475	2 098,686	11 695,002	5,573	5,109
84	71	32 883	1 828,009	9 596,316	5,250	4,786
85	72	29 272	1 572,257	7 768,308	4,941	4,477
86	73	25 714	1 334,459	6 196,051	4,643	4,179
87	74	22 238	1 115,005	4 861,592	4,360	3,896
88	75	18 872	914,263	3 746,587	4,098	3,634
89	76	15 728	736,194	2 832,324	3,847	3,383
90	77	12 777	577,814	2 096,130	3,628	3,164
91	78	10 236	447,267	1 518,316	3,395	2,931
92	79	7 928	334,702	1 071,050	3,200	2,736
93	80	5 987	244,219	736,348	3,015	2,551
94	81	4 391	173,047	492,129	2,844	2,380
95	82	3 122	118,864	319,082	2,684	2,220
96	83	2 144	78,895	200,218	2,538	2,074
97	84	1 422	50,529	121,323	2,401	1,937
98	85	906	31,115	70,793	2,275	1,811
99	86	554	18,378	39,678	2,159	1,695
100	87	324	10,385	21,300	2,051	1,587

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	36	94 739	16 963,274	302 429,353	17,828	17,364
1							51	37	94 315	16 316,308	285 466,078	17,496	17,032
2							52	38	93 818	15 681,593	269 149,770	17,163	16,699
3							53	39	93 297	15 067,057	253 468,177	16,823	16,359
4							54	40	92 720	14 467,612	238 401,120	16,478	16,014
5							55	41	92 081	13 881,992	223 933,508	16,131	15,667
6							56	42	91 385	13 311,124	210 051,516	15,780	15,316
7							57	43	90 638	12 755,879	196 740,392	15,424	14,959
8							58	44	89 817	12 212,850	183 984,513	15,065	14,601
9							59	45	88 927	11 682,948	171 771,663	14,703	14,239
10							60	46	87 966	11 165,962	160 088,715	14,337	13,873
11							61	47	86 930	10 661,213	148 922,753	13,969	13,505
12							62	48	85 819	10 169,026	138 261,540	13,596	13,132
13							63	49	84 640	9 690,190	128 092,514	13,219	12,755
14	0	99 450	61 438,192	1 576 237,628	25,656	25,192	64	50	83 398	9 225,107	118 402,324	12,835	12,371
15	1	99 121	59 164,546	1 514 799,436	25,603	25,139	65	51	82 041	8 768,148	109 177,217	12,452	11,988
16	2	99 077	57 138,549	1 455 634,890	25,476	25,012	66	52	80 608	8 323,651	100 409,069	12,063	11,599
17	3	99 037	55 183,770	1 398 496,341	25,343	24,879	67	53	79 057	7 887,435	92 085,418	11,675	11,211
18	4	98 992	53 293,634	1 343 312,571	25,206	24,742	68	54	77 410	7 461,949	84 197,983	11,284	10,820
19	5	98 933	51 460,508	1 290 018,937	25,068	24,604	69	55	75 685	7 048,993	76 736,034	10,886	10,422
20	6	98 875	49 690,977	1 238 558,429	24,925	24,461	70	56	73 838	6 644,363	69 687,041	10,488	10,024
21	7	98 813	47 980,603	1 188 867,452	24,778	24,314	71	57	71 884	6 249,845	63 042,679	10,087	9,623
22	8	98 751	46 329,042	1 140 886,849	24,626	24,162	72	58	69 812	5 864,438	56 792,834	9,684	9,220
23	9	98 691	44 735,278	1 094 557,808	24,467	24,003	73	59	67 620	5 488,200	50 928,397	9,280	8,816
24	10	98 633	43 196,915	1 049 822,529	24,303	23,839	74	60	65 292	5 120,036	45 440,197	8,875	8,411
25	11	98 571	41 709,835	1 006 625,614	24,134	23,670	75	61	62 741	4 753,598	40 320,161	8,482	8,018
26	12	98 509	40 273,997	964 915,779	23,959	23,495	76	62	60 045	4 395,498	35 566,563	8,092	7,628
27	13	98 443	38 886,335	924 641,782	23,778	23,314	77	63	57 183	4 044,440	31 171,065	7,707	7,243
28	14	98 372	37 544,193	885 755,447	23,592	23,128	78	64	54 142	3 699,906	27 126,625	7,332	6,868
29	15	98 302	36 248,856	848 211,254	23,400	22,936	79	65	50 906	3 361,083	23 426,719	6,970	6,506
30	16	98 225	34 995,615	811 962,398	23,202	22,738	80	66	47 536	3 032,430	20 065,637	6,617	6,153
31	17	98 148	33 785,353	776 966,783	22,997	22,533	81	67	44 063	2 715,854	17 033,207	6,272	5,808
32	18	98 062	32 614,320	743 181,430	22,787	22,323	82	68	40 480	2 410,629	14 317,353	5,939	5,475
33	19	97 967	31 481,064	710 567,110	22,571	22,107	83	69	36 867	2 121,216	11 906,724	5,613	5,149
34	20	97 872	30 386,992	679 086,046	22,348	21,884	84	70	33 269	1 849,471	9 785,508	5,291	4,827
35	21	97 773	29 329,612	648 699,055	22,118	21,654	85	71	29 654	1 592,767	7 936,037	4,983	4,519
36	22	97 670	28 308,060	619 369,442	21,880	21,416	86	72	26 092	1 354,063	6 343,270	4,685	4,221
37	23	97 562	27 320,561	591 061,382	21,634	21,170	87	73	22 605	1 133,436	4 989,207	4,402	3,938
38	24	97 448	26 365,602	563 740,821	21,382	20,918	88	74	19 230	931,598	3 855,771	4,139	3,675
39	25	97 321	25 440,868	537 375,219	21,123	20,658	89	75	16 073	752,338	2 924,173	3,887	3,423
40	26	97 188	24 546,929	511 934,351	20,855	20,391	90	76	13 098	592,321	2 171,836	3,667	3,203
41	27	97 040	23 680,809	487 387,423	20,582	20,118	91	77	10 528	460,020	1 579,514	3,434	2,970
42	28	96 881	22 842,535	463 706,614	20,300	19,836	92	78	8 191	345,791	1 119,494	3,237	2,773
43	29	96 708	22 030,756	440 864,079	20,011	19,547	93	79	6 213	253,419	773,703	3,053	2,589
44	30	96 508	21 241,701	418 833,323	19,718	19,253	94	80	4 582	180,589	520,284	2,881	2,417
45	31	96 289	20 476,756	397 591,621	19,417	18,953	95	81	3 278	124,804	339,695	2,722	2,258
46	32	96 047	19 734,521	377 114,865	19,109	18,645	96	82	2 270	83,500	214,891	2,574	2,110
47	33	95 775	19 013,265	357 380,344	18,796	18,332	97	83	1 517	53,910	131,391	2,437	1,973
48	34	95 464	18 310,578	338 367,079	18,479	18,015	98	84	977	33,541	77,481	2,310	1,846
49	35	95 117	17 627,148	320 056,501	18,157	17,693	99	85	604	20,037	43,940	2,193	1,729
							100	86	358	11,466	23,904	2,085	1,621

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	35	94 776	16 970,024	303 224,159	17,868	17,404
1							51	36	94 360	16 324,066	286 254,135	17,536	17,072
2							52	37	93 869	15 689,967	269 930,069	17,204	16,740
3							53	38	93 349	15 075,450	254 240,103	16,865	16,400
4							54	39	92 782	14 477,189	239 164,653	16,520	16,056
5							55	40	92 146	13 891,802	224 687,463	16,174	15,710
6							56	41	91 458	13 321,802	210 795,661	15,823	15,359
7							57	42	90 719	12 767,243	197 473,859	15,467	15,003
8							58	43	89 909	12 225,368	184 706,616	15,108	14,644
9							59	44	89 027	11 696,084	172 481,248	14,747	14,283
10							60	45	88 078	11 180,152	160 785,164	14,381	13,917
11							61	46	87 052	10 676,257	149 605,012	14,013	13,549
12							62	47	85 959	10 185,681	138 928,754	13,640	13,176
13							63	48	84 790	9 707,357	128 743,074	13,262	12,798
14							64	49	83 570	9 244,128	119 035,717	12,877	12,413
15	0	99 435	59 351,663	1 515 972,363	25,542	25,078	65	50	82 222	8 787,507	109 791,589	12,494	12,030
16	1	99 104	57 153,635	1 456 620,700	25,486	25,022	66	51	80 805	8 344,067	101 004,082	12,105	11,641
17	2	99 052	55 191,991	1 399 467,065	25,356	24,892	67	52	79 274	7 909,149	92 660,014	11,716	11,252
18	3	99 003	53 299,589	1 344 275,074	25,221	24,757	68	53	77 643	7 484,451	84 750,866	11,324	10,860
19	4	98 945	51 466,642	1 290 975,485	25,084	24,620	69	54	75 928	7 071,559	77 266,415	10,926	10,462
20	5	98 885	49 696,000	1 239 508,843	24,942	24,478	70	55	74 100	6 667,988	70 194,855	10,527	10,063
21	6	98 821	47 984,782	1 189 812,843	24,796	24,332	71	56	72 156	6 273,509	63 526,867	10,126	9,662
22	7	98 759	46 333,018	1 141 828,061	24,644	24,180	72	57	70 092	5 887,969	57 253,357	9,724	9,260
23	8	98 698	44 738,573	1 095 495,043	24,487	24,023	73	58	67 920	5 512,523	51 365,388	9,318	8,854
24	9	98 640	43 199,895	1 050 756,470	24,323	23,859	74	59	65 602	5 144,327	45 852,865	8,913	8,449
25	10	98 578	41 712,796	1 007 556,575	24,155	23,691	75	60	63 081	4 779,355	40 708,538	8,518	8,054
26	11	98 516	40 277,218	965 843,779	23,980	23,516	76	61	60 392	4 420,903	35 929,182	8,127	7,663
27	12	98 451	38 889,465	925 566,561	23,800	23,336	77	62	57 546	4 070,113	31 508,279	7,741	7,277
28	13	98 381	37 547,557	886 677,096	23,615	23,151	78	63	54 510	3 725,005	27 438,166	7,366	6,902
29	14	98 313	36 252,785	849 129,539	23,422	22,958	79	64	51 283	3 385,968	23 713,162	7,003	6,539
30	15	98 238	35 000,018	812 876,754	23,225	22,761	80	65	47 910	3 056,299	20 327,194	6,651	6,187
31	16	98 163	33 790,553	777 876,736	23,021	22,557	81	66	44 443	2 739,287	17 270,895	6,305	5,841
32	17	98 077	32 619,554	744 086,184	22,811	22,347	82	67	40 853	2 432,846	14 531,608	5,973	5,509
33	18	97 990	31 488,256	711 466,630	22,595	22,131	83	68	37 228	2 142,016	12 098,762	5,648	5,184
34	19	97 892	30 393,269	679 978,374	22,373	21,909	84	69	33 626	1 869,326	9 956,746	5,326	4,862
35	20	97 795	29 336,125	649 585,105	22,143	21,679	85	70	30 002	1 611,468	8 087,420	5,019	4,555
36	21	97 691	28 313,986	620 248,980	21,906	21,442	86	71	26 432	1 371,727	6 475,952	4,721	4,257
37	22	97 584	27 326,691	591 934,993	21,661	21,197	87	72	22 937	1 150,087	5 104,225	4,438	3,974
38	23	97 470	26 371,630	564 608,302	21,410	20,946	88	73	19 548	946,997	3 954,139	4,175	3,711
39	24	97 340	25 446,011	538 236,672	21,152	20,688	89	74	16 378	766,602	3 007,141	3,923	3,459
40	25	97 209	24 552,330	512 790,661	20,886	20,422	90	75	13 385	605,310	2 240,539	3,701	3,237
41	26	97 063	23 686,414	488 238,331	20,613	20,149	91	76	10 792	471,570	1 635,229	3,468	3,004
42	27	96 907	22 848,674	464 551,917	20,332	19,868	92	77	8 424	355,651	1 163,659	3,272	2,808
43	28	96 733	22 036,328	441 703,243	20,044	19,580	93	78	6 419	261,815	808,008	3,086	2,622
44	29	96 536	21 247,798	419 666,915	19,751	19,287	94	79	4 755	187,393	546,193	2,915	2,451
45	30	96 316	20 482,553	398 419,117	19,452	18,988	95	80	3 420	130,244	358,800	2,755	2,291
46	31	96 076	19 740,484	377 936,564	19,145	18,681	96	81	2 383	87,672	228,556	2,607	2,143
47	32	95 809	19 020,007	358 196,080	18,833	18,369	97	82	1 605	57,057	140,884	2,469	2,005
48	33	95 499	18 317,275	339 176,073	18,517	18,053	98	83	1 042	35,785	83,828	2,343	1,879
49	34	95 158	17 634,639	320 858,798	18,195	17,731	99	84	651	21,598	48,043	2,224	1,760
							100	85	390	12,500	26,445	2,116	1,652

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16	0	99 417	57 334,393	1 457 706,101	25,425	24,961
17	1	99 078	55 206,563	1 400 371,709	25,366	24,902
18	2	99 018	53 307,529	1 345 165,146	25,234	24,770
19	3	98 956	51 472,393	1 291 857,617	25,098	24,634
20	4	98 896	49 701,924	1 240 385,224	24,956	24,492
21	5	98 831	47 989,632	1 190 683,300	24,811	24,347
22	6	98 768	46 337,054	1 142 693,668	24,660	24,196
23	7	98 707	44 742,413	1 096 356,614	24,504	24,040
24	8	98 647	43 203,077	1 051 614,201	24,341	23,877
25	9	98 584	41 715,673	1 008 411,124	24,173	23,709
26	10	98 523	40 280,077	966 695,451	23,999	23,535
27	11	98 459	38 892,575	926 415,374	23,820	23,356
28	12	98 389	37 550,579	887 522,799	23,635	23,171
29	13	98 322	36 256,033	849 972,219	23,444	22,980
30	14	98 248	35 003,812	813 716,187	23,247	22,782
31	15	98 175	33 794,804	778 712,375	23,042	22,578
32	16	98 093	32 624,574	744 917,571	22,833	22,369
33	17	98 005	31 493,310	712 292,997	22,617	22,153
34	18	97 915	30 400,213	680 799,687	22,395	21,931
35	19	97 815	29 342,185	650 399,474	22,166	21,702
36	20	97 712	28 320,273	621 057,289	21,930	21,466
37	21	97 605	27 332,412	592 737,016	21,686	21,222
38	22	97 492	26 377,547	565 404,604	21,435	20,971
39	23	97 363	25 451,829	539 027,057	21,178	20,714
40	24	97 229	24 557,294	513 575,228	20,913	20,449
41	25	97 084	23 691,626	489 017,934	20,641	20,177
42	26	96 930	22 854,082	465 326,308	20,361	19,897
43	27	96 759	22 042,250	442 472,226	20,074	19,610
44	28	96 560	21 253,172	420 429,976	19,782	19,318
45	29	96 344	20 488,432	399 176,804	19,483	19,019
46	30	96 103	19 746,072	378 688,372	19,178	18,714
47	31	95 838	19 025,754	358 942,300	18,866	18,402
48	32	95 533	18 323,771	339 916,546	18,551	18,087
49	33	95 192	17 641,089	321 592,775	18,230	17,766
50	34	94 817	16 977,236	303 951,687	17,903	17,439
51	35	94 397	16 330,561	286 974,451	17,573	17,109
52	36	93 913	15 697,426	270 643,890	17,241	16,777
53	37	93 399	15 083,500	254 946,463	16,902	16,438
54	38	92 834	14 485,254	239 862,964	16,559	16,095
55	39	92 207	13 900,999	225 377,710	16,213	15,749
56	40	91 523	13 331,216	211 476,712	15,863	15,399
57	41	90 792	12 777,484	198 145,495	15,507	15,043
58	42	89 989	12 236,260	185 368,011	15,149	14,685
59	43	89 118	11 708,073	173 131,751	14,787	14,323
60	44	88 177	11 192,723	161 423,679	14,422	13,958
61	45	87 163	10 689,825	150 230,956	14,054	13,590
62	46	86 080	10 200,054	139 541,130	13,680	13,216
63	47	84 929	9 723,255	129 341,077	13,302	12,838
64	48	83 718	9 260,505	119 617,821	12,917	12,453
65	49	82 392	8 805,626	110 357,317	12,533	12,069
66	50	80 984	8 362,490	101 551,691	12,144	11,680
67	51	79 469	7 928,548	93 189,201	11,754	11,290
68	52	77 857	7 505,055	85 260,653	11,360	10,896
69	53	76 157	7 092,885	77 755,597	10,962	10,498
70	54	74 337	6 689,336	70 662,713	10,563	10,099
71	55	72 413	6 295,817	63 973,377	10,161	9,697
72	56	70 358	5 910,264	57 677,561	9,759	9,295
73	57	68 192	5 534,643	51 767,297	9,353	8,889
74	58	65 892	5 167,126	46 232,654	8,947	8,483
75	59	63 380	4 802,031	41 065,528	8,552	8,088
76	60	60 719	4 444,858	36 263,497	8,159	7,695
77	61	57 878	4 093,638	31 818,639	7,773	7,309
78	62	54 856	3 748,650	27 725,001	7,396	6,932
79	63	51 631	3 408,937	23 976,351	7,033	6,569
80	64	48 264	3 078,927	20 567,415	6,680	6,216
81	65	44 793	2 760,848	17 488,488	6,334	5,870
82	66	41 205	2 453,837	14 727,639	6,002	5,538
83	67	37 571	2 161,758	12 273,802	5,678	5,214
84	68	33 956	1 887,657	10 112,044	5,357	4,893
85	69	30 324	1 628,768	8 224,387	5,049	4,585
86	70	26 743	1 387,832	6 595,620	4,752	4,288
87	71	23 236	1 165,090	5 207,788	4,470	4,006
88	72	19 835	960,909	4 042,698	4,207	3,743
89	73	16 649	779,274	3 081,789	3,955	3,491
90	74	13 639	616,787	2 302,515	3,733	3,269
91	75	11 029	481,911	1 685,728	3,498	3,034
92	76	8 636	364,581	1 203,817	3,302	2,838
93	77	6 602	269,281	839,236	3,117	2,653
94	78	4 912	193,601	569,956	2,944	2,480
95	79	3 549	135,150	376,354	2,785	2,321
96	80	2 487	91,493	241,204	2,636	2,172
97	81	1 685	59,908	149,711	2,499	2,035
98	82	1 103	37,873	89,803	2,371	1,907
99	83	694	23,044	51,930	2,254	1,790
100	84	420	13,475	28,886	2,144	1,680

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17	0	99 391	55 381,163	1 401 376,599	25,304	24,840
18	1	99 044	53 321,604	1 345 995,437	25,243	24,779
19	2	98 970	51 480,061	1 292 673,833	25,110	24,646
20	3	98 907	49 707,478	1 241 193,772	24,970	24,506
21	4	98 843	47 995,352	1 191 486,295	24,825	24,361
22	5	98 778	46 341,738	1 143 490,942	24,675	24,211
23	6	98 715	44 746,310	1 097 149,205	24,519	24,055
24	7	98 655	43 206,785	1 052 402,894	24,357	23,893
25	8	98 592	41 718,746	1 009 196,109	24,190	23,726
26	9	98 530	40 282,855	967 477,363	24,017	23,553
27	10	98 466	38 895,336	927 194,508	23,838	23,374
28	11	98 397	37 553,582	888 299,172	23,654	23,190
29	12	98 330	36 258,951	850 745,590	23,463	22,999
30	13	98 257	35 006,948	814 486,638	23,266	22,802
31	14	98 186	33 798,467	779 479,691	23,063	22,599
32	15	98 105	32 628,679	745 681,224	22,854	22,390
33	16	98 020	31 498,157	713 052,545	22,638	22,174
34	17	97 931	30 405,092	681 554,388	22,416	21,952
35	18	97 837	29 348,889	651 149,297	22,187	21,722
36	19	97 733	28 326,124	621 800,408	21,951	21,487
37	20	97 626	27 338,480	593 474,284	21,708	21,244
38	21	97 512	26 383,069	566 135,804	21,458	20,994
39	22	97 385	25 457,540	539 752,735	21,202	20,738
40	23	97 251	24 562,909	514 295,195	20,938	20,474
41	24	97 104	23 696,416	489 732,286	20,667	20,203
42	25	96 951	22 859,111	466 035,870	20,387	19,923
43	26	96 782	22 047,468	443 176,760	20,101	19,637
44	27	96 586	21 258,883	421 129,292	19,810	19,346
45	28	96 368	20 493,614	399 870,408	19,512	19,048
46	29	96 131	19 751,739	379 376,794	19,207	18,743
47	30	95 865	19 031,140	359 625,055	18,897	18,433
48	31	95 561	18 329,307	340 593,915	18,582	18,118
49	32	95 226	17 647,344	322 264,608	18,261	17,797
50	33	94 851	16 983,445	304 617,264	17,936	17,472
51	34	94 437	16 337,501	287 633,818	17,606	17,142
52	35	93 951	15 703,672	271 296,317	17,276	16,812
53	36	93 443	15 090,671	255 592,645	16,937	16,473
54	37	92 883	14 492,988	240 501,974	16,594	16,130
55	38	92 259	13 908,742	226 008,986	16,249	15,785
56	39	91 583	13 340,041	212 100,244	15,900	15,435
57	40	90 856	12 786,514	198 760,202	15,545	15,080
58	41	90 061	12 246,075	185 973,688	15,186	14,722
59	42	89 198	11 718,503	173 727,613	14,825	14,361
60	43	88 268	11 204,195	162 009,110	14,460	13,996
61	44	87 261	10 701,845	150 804,915	14,091	13,627
62	45	86 190	10 213,016	140 103,070	13,718	13,254
63	46	85 048	9 736,976	129 890,053	13,340	12,876
64	47	83 855	9 275,671	120 153,078	12,954	12,490
65	48	82 538	8 821,226	110 877,406	12,569	12,105
66	49	81 151	8 379,732	102 056,180	12,179	11,715
67	50	79 644	7 946,053	93 676,448	11,789	11,325
68	51	78 048	7 523,464	85 730,395	11,395	10,931
69	52	76 366	7 112,411	78 206,931	10,996	10,532
70	53	74 562	6 709,508	71 094,520	10,596	10,132
71	54	72 645	6 315,972	64 385,012	10,194	9,730
72	55	70 608	5 931,279	58 069,040	9,790	9,326
73	56	68 450	5 555,599	52 137,761	9,385	8,921
74	57	66 157	5 187,860	46 582,161	8,979	8,515
75	58	63 661	4 823,313	41 394,301	8,582	8,118
76	59	61 007	4 465,946	36 570,988	8,189	7,725
77	60	58 192	4 115,819	32 105,042	7,800	7,336
78	61	55 173	3 770,317	27 989,222	7,424	6,960
79	62	51 958	3 430,575	24 218,906	7,060	6,596
80	63	48 592	3 099,813	20 788,330	6,706	6,242
81	64	45 125	2 781,289	17 688,517	6,360	5,896
82	65	41 530	2 473,152	14 907,228	6,028	5,564
83	66	37 895	2 180,410	12 434,076	5,703	5,239
84	67	34 269	1 905,054	10 253,666	5,382	4,918
85	68	30 622	1 644,739	8 348,612	5,076	4,612
86	69	27 030	1 402,731	6 703,873	4,779	4,315
87	70	23 509	1 178,769	5 301,141	4,497	4,033
88	71	20 094	973,444	4 122,372	4,235	3,771
89	72	16 893	790,722	3 148,928	3,982	3,518
90	73	13 864	626,982	2 358,206	3,761	3,297
91	74	11 238	491,048	1 731,224	3,526	3,062
92	75	8 825	372,575	1 240,176	3,329	2,865
93	76	6 767	276,042	867,600	3,143	2,679
94	77	5 053	199,122	591,559	2,971	2,507
95	78	3 667	139,628	392,437	2,811	2,347
96	79	2 581	94,940	252,809	2,663	2,199
97	80	1 759	62,519	157,869	2,525	2,061
98	81	1 158	39,766	95,350	2,398	1,934
99	82	735	24,388	55,584	2,279	1,815
100	83	448	14,376	31,196	2,170	1,706

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	32	94 885	16 989,468	305 226,488	17,966	17,502
1							51	33	94 472	16 343,477	288 237,020	17,636	17,172
2							52	34	93 990	15 710,346	271 893,543	17,307	16,843
3							53	35	93 480	15 096,676	256 183,197	16,970	16,505
4							54	36	92 927	14 499,879	241 086,521	16,627	16,163
5							55	37	92 308	13 916,169	226 586,643	16,282	15,818
6							56	38	91 634	13 347,472	212 670,474	15,933	15,469
7							57	39	90 916	12 794,979	199 323,002	15,578	15,114
8							58	40	90 125	12 254,729	186 528,023	15,221	14,757
9							59	41	89 269	11 727,903	174 273,294	14,860	14,396
10							60	42	88 346	11 214,177	162 545,391	14,495	14,031
11							61	43	87 350	10 712,814	151 331,214	14,126	13,662
12							62	44	86 287	10 224,500	140 618,399	13,753	13,289
13							63	45	85 156	9 749,350	130 393,899	13,375	12,911
14							64	46	83 973	9 288,760	120 644,549	12,988	12,524
15							65	47	82 673	8 835,673	111 355,789	12,603	12,139
16							66	48	81 295	8 394,578	102 520,116	12,213	11,749
17							67	49	79 809	7 962,437	94 125,538	11,821	11,357
18	0	99 358	53 490,242	1 346 926,226	25,181	24,717	68	50	78 220	7 540,074	86 163,101	11,427	10,963
19	1	98 997	51 493,653	1 293 435,985	25,118	24,654	69	51	76 553	7 129,856	78 623,026	11,027	10,563
20	2	98 922	49 714,882	1 241 942,332	24,981	24,517	70	52	74 767	6 727,979	71 493,170	10,626	10,162
21	3	98 854	48 000,716	1 192 227,449	24,838	24,374	71	53	72 864	6 335,019	64 765,192	10,223	9,759
22	4	98 790	46 347,261	1 144 226,734	24,688	24,224	72	54	70 834	5 950,268	58 430,173	9,820	9,356
23	5	98 725	44 750,833	1 097 879,472	24,533	24,069	73	55	68 694	5 575,354	52 479,905	9,413	8,949
24	6	98 664	43 210,548	1 053 128,639	24,372	23,908	74	56	66 407	5 207,504	46 904,551	9,007	8,543
25	7	98 600	41 722,327	1 009 918,091	24,206	23,742	75	57	63 916	4 842,667	41 697,047	8,610	8,146
26	8	98 537	40 285,822	968 195,764	24,033	23,569	76	58	61 277	4 485,739	36 854,380	8,216	7,752
27	9	98 473	38 898,019	927 909,942	23,855	23,391	77	59	58 468	4 135,347	32 368,641	7,827	7,363
28	10	98 404	37 556,248	889 011,923	23,671	23,207	78	60	55 472	3 790,746	28 233,295	7,448	6,984
29	11	98 338	36 261,851	851 455,675	23,481	23,017	79	61	52 259	3 450,404	24 442,549	7,084	6,620
30	12	98 265	35 009,766	815 193,824	23,285	22,821	80	62	48 900	3 119,490	20 992,145	6,729	6,265
31	13	98 194	33 801,495	780 184,058	23,081	22,617	81	63	45 431	2 800,156	17 872,655	6,383	5,919
32	14	98 116	32 632,216	746 382,563	22,873	22,409	82	64	41 837	2 491,463	15 072,498	6,050	5,586
33	15	98 033	31 502,119	713 750,347	22,657	22,193	83	65	38 194	2 197,573	12 581,036	5,725	5,261
34	16	97 946	30 409,771	682 248,228	22,435	21,971	84	66	34 564	1 921,491	10 383,463	5,404	4,940
35	17	97 853	29 353,599	651 838,457	22,206	21,742	85	67	30 904	1 659,898	8 461,972	5,098	4,634
36	18	97 755	28 332,595	622 484,858	21,971	21,507	86	68	27 295	1 416,486	6 802,074	4,802	4,338
37	19	97 647	27 344,128	594 152,263	21,729	21,265	87	69	23 762	1 191,424	5 385,588	4,520	4,056
38	20	97 534	26 388,927	566 808,135	21,479	21,015	88	70	20 330	984,873	4 194,164	4,259	3,795
39	21	97 405	25 462,869	540 419,208	21,224	20,760	89	71	17 114	801,037	3 209,291	4,006	3,542
40	22	97 273	24 568,420	514 956,339	20,960	20,496	90	72	14 068	636,193	2 408,254	3,785	3,321
41	23	97 126	23 701,834	490 387,919	20,690	20,226	91	73	11 424	499,165	1 772,061	3,550	3,086
42	24	96 971	22 863,733	466 686,085	20,412	19,948	92	74	8 993	379,639	1 272,895	3,353	2,889
43	25	96 803	22 052,319	443 822,352	20,126	19,662	93	75	6 916	282,095	893,256	3,167	2,702
44	26	96 609	21 263,916	421 770,033	19,835	19,371	94	76	5 179	204,121	611,161	2,994	2,530
45	27	96 394	20 499,121	400 506,118	19,538	19,074	95	77	3 772	143,609	407,040	2,834	2,370
46	28	96 155	19 756,735	380 006,997	19,234	18,770	96	78	2 666	98,086	263,431	2,686	2,222
47	29	95 893	19 036,602	360 250,261	18,924	18,460	97	79	1 825	64,874	165,345	2,549	2,085
48	30	95 589	18 334,496	341 213,659	18,610	18,146	98	80	1 208	41,499	100,471	2,421	1,957
49	31	95 255	17 652,676	322 879,163	18,291	17,827	99	81	772	25,607	58,972	2,303	1,839
							100	82	475	15,215	33,365	2,193	1,729

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	31	94 914	16 994,601	305 783,722	17,993	17,529
1							51	32	94 505	16 349,272	288 789,122	17,664	17,200
2							52	33	94 025	15 716,092	272 439,850	17,335	16,871
3							53	34	93 520	15 103,091	256 723,758	16,998	16,534
4							54	35	92 964	14 505,648	241 620,666	16,657	16,193
5							55	36	92 352	13 922,785	227 115,018	16,312	15,848
6							56	37	91 683	13 354,599	213 192,233	15,964	15,500
7							57	38	90 966	12 802,106	199 837,633	15,610	15,146
8							58	39	90 184	12 262,842	187 035,527	15,252	14,788
9							59	40	89 332	11 736,191	174 772,686	14,892	14,428
10							60	41	88 417	11 223,172	163 036,494	14,527	14,063
11							61	42	87 428	10 722,358	151 813,322	14,159	13,695
12							62	43	86 375	10 234,980	141 090,964	13,785	13,321
13							63	44	85 252	9 760,312	130 855,984	13,407	12,943
14							64	45	84 080	9 300,565	121 095,671	13,020	12,556
15							65	46	82 789	8 848,141	111 795,106	12,635	12,171
16							66	47	81 428	8 408,326	102 946,965	12,243	11,779
17							67	48	79 950	7 976,543	94 538,639	11,852	11,388
18							68	49	78 382	7 555,621	86 562,096	11,457	10,993
19	0	99 310	51 656,510	1 294 298,520	25,056	24,592	69	50	76 722	7 145,598	79 006,475	11,057	10,593
20	1	98 948	49 728,009	1 242 642,010	24,989	24,525	70	51	74 950	6 744,481	71 860,877	10,655	10,191
21	2	98 869	48 007,866	1 192 914,001	24,848	24,384	71	52	73 065	6 352,459	65 116,396	10,251	9,787
22	3	98 801	46 352,440	1 144 906,135	24,700	24,236	72	53	71 048	5 968,212	58 763,937	9,846	9,382
23	4	98 737	44 756,167	1 098 553,695	24,545	24,081	73	54	68 914	5 593,203	52 795,725	9,439	8,975
24	5	98 674	43 214,916	1 053 797,527	24,385	23,921	74	55	66 643	5 226,020	47 202,522	9,032	8,568
25	6	98 609	41 725,961	1 010 582,611	24,220	23,755	75	56	64 158	4 861,003	41 976,502	8,635	8,171
26	7	98 546	40 289,280	968 856,651	24,048	23,583	76	57	61 523	4 503,738	37 115,498	8,241	7,777
27	8	98 480	38 900,884	928 567,370	23,870	23,406	77	58	58 727	4 153,674	32 611,760	7,851	7,387
28	9	98 411	37 558,839	889 666,486	23,687	23,223	78	59	55 735	3 808,731	28 458,086	7,472	7,008
29	10	98 345	36 264,425	852 107,648	23,497	23,033	79	60	52 542	3 469,100	24 649,355	7,105	6,641
30	11	98 273	35 012,566	815 843,223	23,301	22,837	80	61	49 183	3 137,520	21 180,255	6,751	6,287
31	12	98 202	33 804,216	780 830,657	23,099	22,635	81	62	45 719	2 817,931	18 042,735	6,403	5,939
32	13	98 124	32 635,139	747 026,441	22,890	22,426	82	63	42 121	2 508,364	15 224,804	6,070	5,606
33	14	98 043	31 505,534	714 391,302	22,675	22,211	83	64	38 477	2 213,843	12 716,440	5,744	5,280
34	15	97 958	30 413,597	682 885,768	22,453	21,989	84	65	34 836	1 936,616	10 502,597	5,423	4,959
35	16	97 868	29 358,117	652 472,171	22,225	21,761	85	66	31 170	1 674,219	8 565,981	5,116	4,652
36	17	97 771	28 337,142	623 114,054	21,989	21,525	86	67	27 547	1 429,541	6 891,761	4,821	4,357
37	18	97 669	27 350,375	594 776,912	21,747	21,283	87	68	23 995	1 203,107	5 462,220	4,540	4,076
38	19	97 554	26 394,379	567 426,537	21,498	21,034	88	69	20 548	995,447	4 259,114	4,279	3,815
39	20	97 427	25 468,523	541 032,158	21,243	20,779	89	70	17 315	810,442	3 263,667	4,027	3,563
40	21	97 293	24 573,563	515 563,636	20,980	20,516	90	71	14 251	644,492	2 453,225	3,806	3,342
41	22	97 148	23 707,152	490 990,073	20,711	20,247	91	72	11 592	506,498	1 808,733	3,571	3,107
42	23	96 993	22 868,960	467 282,921	20,433	19,969	92	73	9 141	385,915	1 302,235	3,374	2,910
43	24	96 823	22 056,778	444 413,961	20,149	19,685	93	74	7 047	287,443	916,320	3,188	2,724
44	25	96 630	21 268,594	422 357,183	19,858	19,394	94	75	5 293	208,597	628,876	3,015	2,551
45	26	96 417	20 503,974	401 088,589	19,562	19,097	95	76	3 866	147,215	420,279	2,855	2,391
46	27	96 181	19 762,044	380 584,615	19,258	18,794	96	77	2 742	100,882	273,064	2,707	2,243
47	28	95 917	19 041,417	360 822,571	18,949	18,485	97	78	1 886	67,023	172,181	2,569	2,105
48	29	95 616	18 339,758	341 781,154	18,636	18,172	98	79	1 254	43,062	105,158	2,442	1,978
49	30	95 282	17 657,674	323 441,396	18,317	17,853	99	80	805	26,723	62,096	2,324	1,860
							100	81	498	15,975	35,373	2,214	1,750

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	30	94 940	16 999,412	306 293,443	18,018	17,554
1							51	31	94 534	16 354,212	289 294,031	17,689	17,225
2							52	32	94 058	15 721,665	272 939,819	17,361	16,897
3							53	33	93 554	15 108,615	257 218,154	17,025	16,561
4							54	34	93 004	14 511,813	242 109,539	16,684	16,220
5							55	35	92 389	13 928,325	227 597,726	16,341	15,877
6							56	36	91 727	13 360,949	213 669,401	15,992	15,528
7							57	37	91 015	12 808,942	200 308,452	15,638	15,174
8							58	38	90 235	12 269,673	187 499,510	15,282	14,818
9							59	39	89 391	11 743,961	175 229,838	14,921	14,457
10							60	40	88 480	11 231,104	163 485,877	14,557	14,093
11							61	41	87 498	10 730,959	152 254,773	14,188	13,724
12							62	42	86 452	10 244,098	141 523,814	13,815	13,351
13							63	43	85 340	9 770,316	131 279,716	13,437	12,973
14							64	44	84 174	9 311,023	121 509,400	13,050	12,586
15							65	45	82 895	8 859,386	112 198,377	12,664	12,200
16							66	46	81 543	8 420,191	103 338,991	12,273	11,809
17							67	47	80 081	7 989,607	94 918,800	11,880	11,416
18							68	48	78 520	7 569,006	86 929,193	11,485	11,021
19							69	49	76 881	7 160,331	79 360,186	11,083	10,619
20	0	99 261	49 885,281	1 243 441,647	24,926	24,462	70	50	75 116	6 759,372	72 199,855	10,681	10,217
21	1	98 895	48 020,542	1 193 556,365	24,855	24,391	71	51	73 244	6 368,040	65 440,483	10,276	9,812
22	2	98 815	46 359,345	1 145 535,824	24,710	24,246	72	52	71 243	5 984,642	59 072,443	9,871	9,407
23	3	98 748	44 761,169	1 099 176,478	24,556	24,092	73	53	69 122	5 610,070	53 087,801	9,463	8,999
24	4	98 686	43 220,067	1 054 415,310	24,396	23,932	74	54	66 857	5 242,751	47 477,731	9,056	8,592
25	5	98 619	41 730,179	1 011 195,242	24,232	23,768	75	55	64 386	4 878,288	42 234,980	8,658	8,194
26	6	98 554	40 292,789	969 465,064	24,061	23,596	76	56	61 756	4 520,792	37 356,692	8,263	7,799
27	7	98 489	38 904,223	929 172,275	23,884	23,420	77	57	58 963	4 170,341	32 835,900	7,874	7,410
28	8	98 418	37 561,605	890 268,052	23,702	23,238	78	58	55 982	3 825,611	28 665,559	7,493	7,029
29	9	98 351	36 266,927	852 706,447	23,512	23,048	79	59	52 791	3 485,559	24 839,948	7,127	6,663
30	10	98 280	35 015,051	816 439,520	23,317	22,853	80	60	49 449	3 154,521	21 354,390	6,769	6,305
31	11	98 210	33 806,919	781 424,469	23,114	22,650	81	61	45 983	2 834,218	18 199,868	6,421	5,957
32	12	98 132	32 637,766	747 617,550	22,907	22,442	82	62	42 388	2 524,286	15 365,650	6,087	5,623
33	13	98 052	31 508,356	714 979,783	22,692	22,228	83	63	38 738	2 228,861	12 841,364	5,761	5,297
34	14	97 969	30 416,894	683 471,427	22,470	22,006	84	64	35 094	1 950,954	10 612,503	5,440	4,976
35	15	97 880	29 361,810	653 054,533	22,242	21,778	85	65	31 416	1 687,398	8 661,549	5,133	4,669
36	16	97 786	28 341,503	623 692,723	22,006	21,542	86	66	27 784	1 441,875	6 974,151	4,837	4,373
37	17	97 685	27 354,765	595 351,220	21,764	21,300	87	67	24 216	1 214,195	5 532,276	4,556	4,092
38	18	97 576	26 400,409	567 996,455	21,515	21,051	88	68	20 749	1 005,208	4 318,081	4,296	3,832
39	19	97 447	25 473,784	541 596,046	21,261	20,797	89	69	17 501	819,143	3 312,873	4,044	3,580
40	20	97 315	24 579,019	516 122,262	20,998	20,534	90	70	14 418	652,059	2 493,730	3,824	3,360
41	21	97 168	23 712,115	491 543,243	20,730	20,266	91	71	11 743	513,105	1 841,671	3,589	3,125
42	22	97 015	22 874,091	467 831,128	20,452	19,988	92	72	9 275	391,584	1 328,566	3,393	2,929
43	23	96 845	22 061,820	444 957,037	20,169	19,705	93	73	7 163	292,195	936,981	3,207	2,743
44	24	96 650	21 272,894	422 895,217	19,880	19,416	94	74	5 393	212,552	644,786	3,034	2,570
45	25	96 438	20 508,485	401 622,322	19,583	19,119	95	75	3 951	150,443	432,234	2,873	2,409
46	26	96 203	19 766,723	381 113,837	19,281	18,817	96	76	2 811	103,415	281,791	2,725	2,261
47	27	95 943	19 046,534	361 347,115	18,972	18,508	97	77	1 939	68,934	178,376	2,588	2,124
48	28	95 640	18 344,397	342 300,581	18,660	18,196	98	78	1 295	44,489	109,441	2,460	1,996
49	29	95 309	17 662,741	323 956,184	18,341	17,877	99	79	836	27,730	64,952	2,342	1,878
							100	80	520	16,672	37,222	2,233	1,769

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	29	94 968	17 004,291	306 760,078	18,040	17,576
1							51	30	94 561	16 358,842	289 755,787	17,712	17,248
2							52	31	94 087	15 726,415	273 396,945	17,385	16,921
3							53	32	93 587	15 113,973	257 670,531	17,048	16,584
4							54	33	93 038	14 517,121	242 556,558	16,708	16,244
5							55	34	92 428	13 934,244	228 039,437	16,365	15,901
6							56	35	91 763	13 366,265	214 105,193	16,018	15,554
7							57	36	91 058	12 815,032	200 738,928	15,664	15,200
8							58	37	90 283	12 276,224	187 923,896	15,308	14,844
9							59	38	89 441	11 750,502	175 647,672	14,948	14,484
10							60	39	88 538	11 238,539	163 897,169	14,583	14,119
11							61	40	87 560	10 738,543	152 658,631	14,216	13,752
12							62	41	86 521	10 252,315	141 920,088	13,843	13,379
13							63	42	85 416	9 779,021	131 667,772	13,464	13,000
14							64	43	84 261	9 320,566	121 888,752	13,077	12,613
15							65	44	82 988	8 869,348	112 568,185	12,692	12,228
16							66	45	81 646	8 430,892	103 698,838	12,300	11,836
17							67	46	80 194	8 000,881	95 267,946	11,907	11,443
18							68	47	78 649	7 581,403	87 267,065	11,511	11,047
19							69	48	77 017	7 173,016	79 685,662	11,109	10,645
20							70	49	75 271	6 773,309	72 512,645	10,706	10,242
21	0	99 208	48 172,414	1 194 297,989	24,792	24,328	71	50	73 405	6 382,100	65 739,336	10,301	9,837
22	1	98 842	46 371,586	1 146 125,575	24,716	24,252	72	51	71 418	5 999,321	59 357,237	9,894	9,430
23	2	98 763	44 767,837	1 099 753,990	24,566	24,102	73	52	69 312	5 625,514	53 357,916	9,485	9,021
24	3	98 697	43 224,897	1 054 986,153	24,407	23,943	74	53	67 058	5 258,561	47 732,402	9,077	8,613
25	4	98 630	41 735,153	1 011 761,256	24,242	23,778	75	54	64 592	4 893,906	42 473,840	8,679	8,215
26	5	98 564	40 296,862	970 026,104	24,072	23,608	76	55	61 976	4 536,867	37 579,935	8,283	7,819
27	6	98 497	38 907,611	929 729,241	23,896	23,432	77	56	59 186	4 186,132	33 043,068	7,893	7,429
28	7	98 426	37 564,829	890 821,630	23,714	23,250	78	57	56 207	3 840,962	28 856,936	7,513	7,049
29	8	98 359	36 269,598	853 256,801	23,525	23,061	79	58	53 025	3 501,007	25 015,975	7,145	6,681
30	9	98 287	35 017,467	816 987,203	23,331	22,867	80	59	49 684	3 169,488	21 514,968	6,788	6,324
31	10	98 217	33 809,319	781 969,737	23,129	22,665	81	60	46 233	2 849,576	18 345,481	6,438	5,974
32	11	98 140	32 640,376	748 160,418	22,921	22,457	82	61	42 633	2 538,876	15 495,905	6,103	5,639
33	12	98 060	31 510,893	715 520,041	22,707	22,243	83	62	38 983	2 243,009	12 957,029	5,777	5,313
34	13	97 977	30 419,619	684 009,148	22,486	22,022	84	63	35 332	1 964,189	10 714,020	5,455	4,991
35	14	97 891	29 364,993	653 589,530	22,257	21,793	85	64	31 648	1 699,891	8 749,831	5,147	4,683
36	15	97 798	28 345,069	624 224,537	22,022	21,558	86	65	28 003	1 453,225	7 049,940	4,851	4,387
37	16	97 700	27 358,975	595 879,468	21,780	21,316	87	66	24 425	1 224,671	5 596,715	4,570	4,106
38	17	97 592	26 404,646	568 520,493	21,531	21,067	88	67	20 941	1 014,472	4 372,044	4,310	3,846
39	18	97 469	25 479,604	542 115,847	21,276	20,812	89	68	17 672	827,175	3 357,572	4,059	3,595
40	19	97 335	24 584,097	516 636,243	21,015	20,551	90	69	14 573	659,060	2 530,397	3,839	3,375
41	20	97 190	23 717,380	492 052,147	20,746	20,282	91	70	11 881	519,130	1 871,337	3,605	3,141
42	21	97 035	22 878,880	468 334,767	20,470	20,006	92	71	9 396	396,692	1 352,208	3,409	2,945
43	22	96 867	22 066,771	445 455,887	20,187	19,723	93	72	7 269	296,487	955,515	3,223	2,759
44	23	96 672	21 277,758	423 389,117	19,898	19,434	94	73	5 483	216,066	659,028	3,050	2,586
45	24	96 458	20 512,631	402 111,359	19,603	19,139	95	74	4 026	153,296	442,962	2,890	2,426
46	25	96 225	19 771,072	381 598,727	19,301	18,837	96	75	2 873	105,683	289,666	2,741	2,277
47	26	95 966	19 051,043	361 827,655	18,993	18,529	97	76	1 988	70,665	183,983	2,604	2,140
48	27	95 666	18 349,326	342 776,613	18,681	18,217	98	77	1 332	45,758	113,318	2,476	2,012
49	28	95 333	17 667,209	324 427,287	18,363	17,899	99	78	863	28,649	67,560	2,358	1,894
							100	79	540	17,300	38,912	2,249	1,785

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	28	94 992	17 008,592	307 187,005	18,061	17,597
1							51	29	94 588	16 363,537	290 178,414	17,733	17,269
2							52	30	94 113	15 730,867	273 814,877	17,406	16,942
3							53	31	93 616	15 118,539	258 084,010	17,071	16,607
4							54	32	93 071	14 522,268	242 965,471	16,731	16,267
5							55	33	92 462	13 939,341	228 443,202	16,388	15,924
6							56	34	91 802	13 371,945	214 503,861	16,041	15,577
7							57	35	91 095	12 820,131	201 131,916	15,689	15,225
8							58	36	90 326	12 282,061	188 311,785	15,332	14,868
9							59	37	89 489	11 756,777	176 029,724	14,973	14,509
10							60	38	88 588	11 244,799	164 272,948	14,609	14,145
11							61	39	87 618	10 745,652	153 028,149	14,241	13,777
12							62	40	86 583	10 259,561	142 282,497	13,868	13,404
13							63	41	85 484	9 786,865	132 022,936	13,490	13,026
14							64	42	84 336	9 328,870	122 236,071	13,103	12,639
15							65	43	83 073	8 878,439	112 907,202	12,717	12,253
16							66	44	81 738	8 440,372	104 028,763	12,325	11,861
17							67	45	80 296	8 011,049	95 588,391	11,932	11,468
18							68	46	78 760	7 592,101	87 577,342	11,535	11,071
19							69	47	77 143	7 184,764	79 985,241	11,133	10,669
20							70	48	75 404	6 785,308	72 800,477	10,729	10,265
21							71	49	73 557	6 395,259	66 015,168	10,323	9,858
22	0	99 154	46 518,243	1 146 813,659	24,653	24,189	72	50	71 576	6 012,567	59 619,910	9,916	9,452
23	1	98 789	44 779,657	1 100 295,416	24,571	24,107	73	51	69 482	5 639,312	53 607,343	9,506	9,042
24	2	98 711	43 231,336	1 055 515,760	24,416	23,952	74	52	67 243	5 273,038	47 968,031	9,097	8,633
25	3	98 641	41 739,816	1 012 284,424	24,252	23,788	75	53	64 787	4 908,664	42 694,993	8,698	8,234
26	4	98 576	40 301,665	970 544,608	24,082	23,618	76	54	62 174	4 551,391	37 786,329	8,302	7,838
27	5	98 507	38 911,544	930 242,942	23,907	23,443	77	55	59 397	4 201,017	33 234,938	7,911	7,447
28	6	98 435	37 568,101	891 331,398	23,726	23,262	78	56	56 419	3 855,505	29 033,921	7,531	7,066
29	7	98 367	36 272,711	853 763,297	23,537	23,073	79	57	53 238	3 515,055	25 178,416	7,163	6,699
30	8	98 294	35 020,046	817 490,586	23,344	22,879	80	58	49 904	3 183,534	21 663,361	6,805	6,341
31	9	98 224	33 811,651	782 470,540	23,142	22,678	81	59	46 452	2 863,095	18 479,827	6,454	5,990
32	10	98 147	32 642,693	748 658,889	22,935	22,471	82	60	42 864	2 552,633	15 616,732	6,118	5,654
33	11	98 068	31 513,413	716 016,196	22,721	22,257	83	61	39 209	2 255,974	13 064,098	5,791	5,327
34	12	97 985	30 422,068	684 502,783	22,500	22,036	84	62	35 557	1 976,657	10 808,125	5,468	5,004
35	13	97 900	29 367,623	654 080,715	22,272	21,808	85	63	31 863	1 711,422	8 831,468	5,160	4,696
36	14	97 809	28 348,141	624 713,092	22,037	21,573	86	64	28 210	1 463,984	7 120,046	4,863	4,399
37	15	97 712	27 362,417	596 364,950	21,795	21,331	87	65	24 617	1 234,311	5 656,062	4,582	4,118
38	16	97 607	26 408,709	569 002,534	21,546	21,082	88	66	21 121	1 023,225	4 421,751	4,321	3,857
39	17	97 485	25 483,693	542 593,824	21,292	20,828	89	67	17 835	834,799	3 398,526	4,071	3,607
40	18	97 357	24 589,713	517 110,131	21,030	20,566	90	68	14 716	665,522	2 563,727	3,852	3,388
41	19	97 210	23 722,279	492 520,418	20,762	20,298	91	69	12 008	524,703	1 898,205	3,618	3,154
42	20	97 057	22 883,960	468 798,138	20,486	20,022	92	70	9 507	401,350	1 373,502	3,422	2,958
43	21	96 887	22 071,390	445 914,179	20,203	19,739	93	71	7 364	300,355	972,152	3,237	2,773
44	22	96 694	21 282,532	423 842,789	19,915	19,451	94	72	5 563	219,240	671,797	3,064	2,600
45	23	96 480	20 517,321	402 560,256	19,621	19,156	95	73	4 092	155,830	452,557	2,904	2,440
46	24	96 244	19 775,069	382 042,935	19,319	18,855	96	74	2 927	107,687	296,727	2,755	2,291
47	25	95 987	19 055,234	362 267,866	19,011	18,547	97	75	2 032	72,215	189,040	2,618	2,154
48	26	95 688	18 353,670	343 212,632	18,700	18,236	98	76	1 366	46,906	116,825	2,491	2,027
49	27	95 359	17 671,956	324 858,962	18,383	17,919	99	77	888	29,466	69,919	2,373	1,909
							100	78	557	17,873	40,453	2,263	1,799

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	27	95 017	17 013,162	307 578,111	18,079	17,615
1							51	28	94 612	16 367,676	290 564,949	17,752	17,288
2							52	29	94 140	15 735,382	274 197,273	17,426	16,961
3							53	30	93 642	15 122,819	258 461,891	17,091	16,627
4							54	31	93 099	14 526,656	243 339,072	16,751	16,287
5							55	32	92 494	13 944,284	228 812,416	16,409	15,945
6							56	33	91 836	13 376,836	214 868,132	16,063	15,599
7							57	34	91 133	12 825,579	201 491,296	15,710	15,246
8							58	35	90 362	12 286,948	188 665,717	15,355	14,891
9							59	36	89 531	11 762,366	176 378,769	14,995	14,531
10							60	37	88 635	11 250,803	164 616,403	14,632	14,167
11							61	38	87 667	10 751,637	153 365,599	14,264	13,800
12							62	39	86 640	10 266,353	142 613,962	13,891	13,427
13							63	40	85 545	9 793,781	132 347,609	13,513	13,049
14							64	41	84 403	9 336,353	122 553,828	13,127	12,662
15							65	42	83 147	8 886,348	113 217,475	12,741	12,277
16							66	43	81 822	8 449,023	104 331,127	12,348	11,884
17							67	44	80 386	8 020,057	95 882,104	11,955	11,491
18							68	45	78 860	7 601,749	87 862,047	11,558	11,094
19							69	46	77 252	7 194,903	80 260,298	11,155	10,691
20							70	47	75 527	6 796,421	73 065,395	10,751	10,287
21							71	48	73 687	6 406,588	66 268,974	10,344	9,880
22							72	49	71 723	6 024,964	59 862,385	9,936	9,472
23	0	99 101	44 921,280	1 100 934,056	24,508	24,044	73	50	69 635	5 651,763	53 837,421	9,526	9,062
24	1	98 737	43 242,750	1 056 012,777	24,421	23,957	74	51	67 408	5 285,971	48 185,658	9,116	8,652
25	2	98 656	41 746,034	1 012 770,026	24,260	23,796	75	52	64 966	4 922,177	42 899,687	8,716	8,252
26	3	98 587	40 306,169	971 023,992	24,091	23,627	76	53	62 362	4 565,116	37 977,510	8,319	7,855
27	4	98 519	38 916,182	930 717,823	23,916	23,452	77	54	59 587	4 214,466	33 412,394	7,928	7,464
28	5	98 445	37 571,898	891 801,641	23,736	23,272	78	55	56 620	3 869,215	29 197,928	7,546	7,082
29	6	98 376	36 275,870	854 229,743	23,548	23,084	79	56	53 439	3 528,364	25 328,713	7,179	6,715
30	7	98 302	35 023,052	817 953,872	23,355	22,891	80	57	50 104	3 196,309	21 800,349	6,820	6,356
31	8	98 231	33 814,142	782 930,821	23,154	22,690	81	58	46 658	2 875,784	18 604,040	6,469	6,005
32	9	98 154	32 644,945	749 116,679	22,947	22,483	82	59	43 068	2 564,744	15 728,256	6,132	5,668
33	10	98 075	31 515,650	716 471,734	22,734	22,270	83	60	39 421	2 268,198	13 163,512	5,804	5,339
34	11	97 993	30 424,500	684 956,084	22,513	22,049	84	61	35 762	1 988,082	10 895,314	5,480	5,016
35	12	97 908	29 369,988	654 531,584	22,286	21,822	85	62	32 065	1 722,286	8 907,233	5,172	4,708
36	13	97 817	28 350,681	625 161,596	22,051	21,587	86	63	28 402	1 473,915	7 184,947	4,875	4,411
37	14	97 722	27 365,383	596 810,915	21,809	21,345	87	64	24 799	1 243,450	5 711,031	4,593	4,129
38	15	97 619	26 412,032	569 445,532	21,560	21,096	88	65	21 288	1 031,279	4 467,582	4,332	3,868
39	16	97 500	25 487,615	543 033,501	21,306	20,842	89	66	17 989	842,001	3 436,303	4,081	3,617
40	17	97 373	24 593,660	517 545,885	21,044	20,580	90	67	14 852	671,656	2 594,301	3,863	3,399
41	18	97 232	23 727,699	492 952,226	20,775	20,311	91	68	12 126	529,848	1 922,645	3,629	3,165
42	19	97 077	22 888,687	469 224,527	20,500	20,036	92	69	9 609	405,659	1 392,797	3,433	2,969
43	20	96 908	22 076,291	446 335,840	20,218	19,754	93	70	7 450	303,882	987,138	3,248	2,784
44	21	96 714	21 286,988	424 259,549	19,930	19,466	94	71	5 636	222,100	683,257	3,076	2,612
45	22	96 501	20 521,925	402 972,561	19,636	19,172	95	72	4 153	158,119	461,157	2,917	2,452
46	23	96 266	19 779,590	382 450,636	19,336	18,872	96	73	2 975	109,467	303,038	2,768	2,304
47	24	96 006	19 059,087	362 671,046	19,029	18,565	97	74	2 070	73,584	193,571	2,631	2,167
48	25	95 710	18 357,708	343 611,959	18,718	18,254	98	75	1 396	47,935	119,987	2,503	2,039
49	26	95 382	17 676,140	325 254,251	18,401	17,937	99	76	910	30,205	72,052	2,385	1,921
							100	77	573	18,383	41,847	2,276	1,812

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	26	95 040	17 017,190	307 936,135	18,096	17,632
1							51	27	94 637	16 372,074	290 918,945	17,769	17,305
2							52	28	94 164	15 739,362	274 546,871	17,443	16,979
3							53	29	93 669	15 127,160	258 807,509	17,109	16,645
4							54	30	93 125	14 530,769	243 680,350	16,770	16,306
5							55	31	92 522	13 948,496	229 149,581	16,428	15,964
6							56	32	91 869	13 381,580	215 201,085	16,082	15,618
7							57	33	91 167	12 830,270	201 819,505	15,730	15,266
8							58	34	90 400	12 292,169	188 989,235	15,375	14,911
9							59	35	89 567	11 767,047	176 697,066	15,016	14,552
10							60	36	88 677	11 256,152	164 930,019	14,652	14,188
11							61	37	87 714	10 757,378	153 673,866	14,285	13,821
12							62	38	86 688	10 272,071	142 916,488	13,913	13,449
13							63	39	85 601	9 800,265	132 644,417	13,535	13,071
14							64	40	84 463	9 342,951	122 844,152	13,148	12,684
15							65	41	83 214	8 893,476	113 501,201	12,762	12,298
16							66	42	81 895	8 456,550	104 607,725	12,370	11,906
17							67	43	80 468	8 028,277	96 151,174	11,977	11,513
18							68	44	78 949	7 610,297	88 122,897	11,579	11,115
19							69	45	77 350	7 204,046	80 512,600	11,176	10,712
20							70	46	75 634	6 806,012	73 308,554	10,771	10,307
21							71	47	73 808	6 417,081	66 502,542	10,363	9,899
22							72	48	71 850	6 035,637	60 085,461	9,955	9,491
23							73	49	69 779	5 663,416	54 049,824	9,544	9,080
24	0	99 050	43 379,512	1 056 605,728	24,357	23,893	74	50	67 557	5 297,642	48 386,407	9,134	8,670
25	1	98 682	41 757,056	1 013 226,216	24,265	23,801	75	51	65 125	4 934,250	43 088,765	8,733	8,269
26	2	98 602	40 312,173	971 469,159	24,099	23,635	76	52	62 533	4 577,684	38 154,515	8,335	7,871
27	3	98 530	38 920,531	931 156,986	23,925	23,461	77	53	59 766	4 227,175	33 576,831	7,943	7,479
28	4	98 457	37 576,377	892 236,455	23,745	23,281	78	54	56 801	3 881,602	29 349,656	7,561	7,097
29	5	98 386	36 279,537	854 660,078	23,558	23,094	79	55	53 629	3 540,910	25 468,054	7,193	6,728
30	6	98 311	35 026,102	818 380,541	23,365	22,901	80	56	50 294	3 208,411	21 927,144	6,834	6,370
31	7	98 240	33 817,044	783 354,439	23,164	22,700	81	57	46 845	2 887,323	18 718,733	6,483	6,019
32	8	98 161	32 647,349	749 537,395	22,959	22,495	82	58	43 259	2 576,111	15 831,409	6,145	5,681
33	9	98 082	31 517,824	716 890,046	22,746	22,282	83	59	39 608	2 278,959	13 255,298	5,816	5,352
34	10	98 000	30 426,660	685 372,222	22,525	22,061	84	60	35 956	1 998,854	10 976,339	5,491	5,027
35	11	97 915	29 372,337	654 945,562	22,298	21,834	85	61	32 251	1 732,241	8 977,485	5,183	4,719
36	12	97 825	28 352,963	625 573,225	22,064	21,600	86	62	28 582	1 483,271	7 245,245	4,885	4,421
37	13	97 731	27 367,834	597 220,262	21,822	21,358	87	63	24 967	1 251,885	5 761,974	4,603	4,139
38	14	97 630	26 414,895	569 852,428	21,573	21,109	88	64	21 445	1 038,915	4 510,089	4,341	3,877
39	15	97 512	25 490,822	543 437,533	21,319	20,855	89	65	18 130	848,629	3 471,174	4,090	3,626
40	16	97 388	24 597,445	517 946,711	21,057	20,593	90	66	14 980	677,451	2 622,545	3,871	3,407
41	17	97 248	23 731,507	493 349,266	20,789	20,325	91	67	12 238	534,731	1 945,094	3,638	3,173
42	18	97 099	22 893,916	469 617,759	20,513	20,049	92	68	9 703	409,637	1 410,363	3,443	2,979
43	19	96 928	22 080,851	446 723,843	20,231	19,767	93	69	7 530	307,144	1 000,726	3,258	2,794
44	20	96 736	21 291,714	424 642,992	19,944	19,480	94	70	5 702	224,708	693,582	3,087	2,623
45	21	96 522	20 526,221	403 351,278	19,651	19,187	95	71	4 207	160,182	468,875	2,927	2,463
46	22	96 288	19 784,028	382 825,057	19,350	18,886	96	72	3 019	111,075	308,693	2,779	2,315
47	23	96 028	19 063,445	363 041,028	19,044	18,580	97	73	2 104	74,800	197,618	2,642	2,178
48	24	95 729	18 361,420	343 977,584	18,734	18,270	98	74	1 422	48,844	122,818	2,514	2,050
49	25	95 403	17 680,029	325 616,164	18,417	17,953	99	75	930	30,868	73,974	2,396	1,932
							100	76	588	18,844	43,106	2,287	1,823

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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25	0	98 994	41 889,120	1 013 776,924	24,201	23,737
26	1	98 628	40 322,817	971 887,805	24,103	23,639
27	2	98 545	38 926,329	931 564,988	23,931	23,467
28	3	98 468	37 580,576	892 638,659	23,753	23,289
29	4	98 397	36 283,861	855 058,083	23,566	23,102
30	5	98 321	35 029,643	818 774,222	23,374	22,910
31	6	98 248	33 819,989	783 744,579	23,174	22,710
32	7	98 169	32 650,152	749 924,590	22,968	22,504
33	8	98 089	31 520,145	717 274,438	22,756	22,292
34	9	98 007	30 428,759	685 754,293	22,536	22,072
35	10	97 922	29 374,421	655 325,534	22,309	21,845
36	11	97 833	28 355,231	625 951,113	22,075	21,611
37	12	97 739	27 370,037	597 595,882	21,834	21,370
38	13	97 638	26 417,261	570 225,844	21,585	21,121
39	14	97 522	25 493,585	543 808,583	21,331	20,867
40	15	97 400	24 600,539	518 314,998	21,069	20,605
41	16	97 263	23 735,159	493 714,459	20,801	20,337
42	17	97 115	22 897,591	469 979,300	20,525	20,061
43	18	96 951	22 085,896	447 081,709	20,243	19,779
44	19	96 756	21 296,113	424 995,813	19,956	19,492
45	20	96 543	20 530,779	403 699,700	19,663	19,199
46	21	96 308	19 788,170	383 168,922	19,364	18,900
47	22	96 050	19 067,722	363 380,752	19,057	18,593
48	23	95 751	18 365,618	344 313,030	18,748	18,284
49	24	95 422	17 683,604	325 947,412	18,432	17,968
50	25	95 061	17 020,934	308 263,809	18,111	17,647
51	26	94 660	16 375,950	291 242,875	17,785	17,321
52	27	94 189	15 743,591	274 866,925	17,459	16,995
53	28	93 693	15 130,986	259 123,334	17,125	16,661
54	29	93 152	14 534,939	243 992,348	16,787	16,323
55	30	92 549	13 952,445	229 457,409	16,446	15,982
56	31	91 896	13 385,622	215 504,964	16,100	15,636
57	32	91 199	12 834,820	202 119,341	15,748	15,284
58	33	90 433	12 296,665	189 284,521	15,393	14,929
59	34	89 605	11 772,047	176 987,856	15,035	14,571
60	35	88 712	11 260,631	165 215,809	14,672	14,208
61	36	87 755	10 762,493	153 955,177	14,305	13,841
62	37	86 734	10 277,556	143 192,684	13,933	13,469
63	38	85 649	9 805,724	132 915,128	13,555	13,091
64	39	84 519	9 349,136	123 109,404	13,168	12,704
65	40	83 272	8 899,762	113 760,268	12,782	12,318
66	41	81 960	8 463,334	104 860,507	12,390	11,926
67	42	80 540	8 035,429	96 397,173	11,997	11,532
68	43	79 030	7 618,097	88 361,744	11,599	11,135
69	44	77 437	7 212,147	80 743,646	11,196	10,731
70	45	75 730	6 814,661	73 531,500	10,790	10,326
71	46	73 912	6 426,136	66 716,839	10,382	9,918
72	47	71 968	6 045,523	60 290,702	9,973	9,509
73	48	69 903	5 673,449	54 245,180	9,561	9,097
74	49	67 696	5 308,565	48 571,730	9,150	8,686
75	50	65 269	4 945,144	43 263,165	8,749	8,285
76	51	62 687	4 588,912	38 318,021	8,350	7,886
77	52	59 931	4 238,812	33 729,109	7,957	7,493
78	53	56 973	3 893,307	29 490,297	7,575	7,111
79	54	53 801	3 552,246	25 596,989	7,206	6,742
80	55	50 473	3 219,820	22 044,743	6,847	6,383
81	56	47 022	2 898,256	18 824,923	6,495	6,031
82	57	43 432	2 586,448	15 926,667	6,158	5,694
83	58	39 784	2 289,059	13 340,219	5,828	5,364
84	59	36 127	2 008,337	11 051,160	5,503	5,039
85	60	32 425	1 741,627	9 042,823	5,192	4,728
86	61	28 747	1 491,844	7 301,196	4,894	4,430
87	62	25 126	1 259,831	5 809,352	4,611	4,147
88	63	21 591	1 045,962	4 549,521	4,350	3,886
89	64	18 265	854,912	3 503,558	4,098	3,634
90	65	15 098	682,783	2 648,646	3,879	3,415
91	66	12 344	539,345	1 965,863	3,645	3,181
92	67	9 793	413,412	1 426,518	3,451	2,987
93	68	7 604	310,156	1 013,106	3,266	2,802
94	69	5 763	227,120	702,950	3,095	2,631
95	70	4 256	162,062	475,830	2,936	2,472
96	71	3 059	112,524	313,768	2,788	2,324
97	72	2 135	75,899	201,244	2,651	2,187
98	73	1 446	49,651	125,344	2,524	2,060
99	74	948	31,453	75,693	2,407	1,943
100	75	601	19,257	44,240	2,297	1,833

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	0	100 000	100 000,000	2 534 149,574	25,341	24,877	50	50	93 336	14 812,955	241 195,299	16,283	15,818
1	1	99 299	95 710,042	2 434 149,574	25,433	24,968	51	51	92 757	14 189,099	226 382,344	15,955	15,490
2	2	99 240	92 196,115	2 338 439,531	25,364	24,899	52	52	92 093	13 578,232	212 193,245	15,627	15,163
3	3	99 207	88 833,719	2 246 243,417	25,286	24,822	53	53	91 380	12 986,187	198 615,013	15,294	14,830
4	4	99 182	85 601,390	2 157 409,697	25,203	24,739	54	54	90 602	12 410,292	185 628,826	14,958	14,493
5	5	99 157	82 486,575	2 071 808,307	25,117	24,652	55	55	89 754	11 849,714	173 218,534	14,618	14,154
6	6	99 136	79 488,508	1 989 321,732	25,027	24,562	56	56	88 831	11 303,938	161 368,820	14,275	13,811
7	7	99 117	76 600,663	1 909 833,224	24,932	24,468	57	57	87 851	10 775,144	150 064,882	13,927	13,463
8	8	99 101	73 819,545	1 833 232,561	24,834	24,370	58	58	86 796	10 260,953	139 289,738	13,575	13,110
9	9	99 085	71 140,202	1 759 413,016	24,732	24,267	59	59	85 653	9 759,845	129 028,785	13,220	12,756
10	10	99 070	68 558,755	1 688 272,814	24,625	24,161	60	60	84 435	9 273,311	119 268,940	12,862	12,397
11	11	99 055	66 070,133	1 619 714,059	24,515	24,051	61	61	83 107	8 797,577	109 995,629	12,503	12,039
12	12	99 038	63 671,499	1 553 643,926	24,401	23,937	62	62	81 707	8 336,731	101 198,052	12,139	11,674
13	13	99 019	61 358,350	1 489 972,428	24,283	23,819	63	63	80 218	7 888,994	92 861,321	11,771	11,307
14	14	98 999	59 128,723	1 428 614,078	24,161	23,697	64	64	78 670	7 457,125	84 972,327	11,395	10,930
15	15	98 974	56 976,810	1 369 485,355	24,036	23,571	65	65	76 991	7 034,194	77 515,203	11,020	10,555
16	16	98 944	54 900,723	1 312 508,545	23,907	23,443	66	66	75 240	6 625,694	70 481,009	10,638	10,173
17	17	98 903	52 894,477	1 257 607,822	23,776	23,311	67	67	73 362	6 226,851	63 855,315	10,255	9,790
18	18	98 853	50 957,178	1 204 713,345	23,642	23,177	68	68	71 392	5 840,641	57 628,464	9,867	9,402
19	19	98 783	49 080,492	1 153 756,167	23,507	23,043	69	69	69 345	5 468,117	51 787,823	9,471	9,006
20	20	98 714	47 273,614	1 104 675,675	23,368	22,903	70	70	67 172	5 105,289	46 319,705	9,073	8,608
21	21	98 639	45 530,311	1 057 402,061	23,224	22,760	71	71	64 881	4 752,919	41 214,416	8,671	8,207
22	22	98 566	43 851,742	1 011 871,750	23,075	22,610	72	72	62 449	4 409,407	36 461,497	8,269	7,805
23	23	98 491	42 234,803	968 020,008	22,920	22,456	73	73	59 876	4 074,956	32 052,090	7,866	7,401
24	24	98 417	40 677,662	925 785,205	22,759	22,295	74	74	57 144	3 748,467	27 977,134	7,464	6,999
25	25	98 342	39 177,525	885 107,543	22,592	22,128	75	75	54 182	3 425,665	24 228,667	7,073	6,608
26	26	98 266	37 732,422	845 930,018	22,419	21,955	76	76	51 034	3 110,035	20 803,001	6,689	6,225
27	27	98 186	36 338,866	808 197,596	22,241	21,776	77	77	47 712	2 802,505	17 692,967	6,313	5,849
28	28	98 098	34 993,840	771 858,730	22,057	21,593	78	78	44 221	2 503,553	14 890,461	5,948	5,483
29	29	98 014	33 700,210	736 864,890	21,865	21,401	79	79	40 542	2 212,309	12 386,909	5,599	5,135
30	30	97 921	32 451,456	703 164,680	21,668	21,204	80	80	36 771	1 933,988	10 174,600	5,261	4,797
31	31	97 831	31 249,650	670 713,224	21,463	20,999	81	81	32 943	1 670,031	8 240,611	4,934	4,470
32	32	97 732	30 089,556	639 463,574	21,252	20,788	82	82	29 089	1 421,376	6 570,580	4,623	4,158
33	33	97 625	28 970,389	609 374,018	21,034	20,570	83	83	25 277	1 190,472	5 149,204	4,325	3,861
34	34	97 515	27 891,750	580 403,629	20,809	20,345	84	84	21 610	980,945	3 958,732	4,036	3,571
35	35	97 396	26 850,881	552 511,878	20,577	20,113	85	85	18 078	790,990	2 977,787	3,765	3,300
36	36	97 276	25 848,342	525 660,998	20,336	19,872	86	86	14 781	623,339	2 186,796	3,508	3,044
37	37	97 144	24 880,290	499 812,655	20,089	19,624	87	87	11 769	478,399	1 563,457	3,268	2,804
38	38	97 000	23 945,461	474 932,365	19,834	19,369	88	88	9 075	355,563	1 085,059	3,052	2,587
39	39	96 839	23 041,759	450 986,904	19,573	19,108	89	89	6 784	256,190	729,496	2,847	2,383
40	40	96 664	22 168,753	427 945,145	19,304	18,840	90	90	4 850	176,527	473,305	2,681	2,217
41	41	96 472	21 324,991	405 776,392	19,028	18,564	91	91	3 378	118,499	296,778	2,504	2,040
42	42	96 263	20 509,607	384 451,401	18,745	18,281	92	92	2 223	75,154	178,279	2,372	1,908
43	43	96 030	19 720,494	363 941,794	18,455	17,991	93	93	1 412	46,024	103,125	2,241	1,776
44	44	95 760	18 954,382	344 221,301	18,161	17,696	94	94	857	26,914	57,101	2,122	1,657
45	45	95 463	18 212,460	325 266,919	17,860	17,395	95	95	495	14,990	30,186	2,014	1,549
46	46	95 130	17 493,065	307 054,459	17,553	17,089	96	96	272	7,931	15,196	1,916	1,452
47	47	94 761	16 795,380	289 561,393	17,241	16,776	97	97	141	3,975	7,266	1,828	1,363
48	48	94 333	16 115,194	272 766,013	16,926	16,462	98	98	69	1,883	3,290	1,748	1,283
49	49	93 864	15 455,520	256 650,819	16,606	16,141	99	99	32	0,840	1,408	1,675	1,211
							100	100	14	0,353	0,567	1,610	1,145

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß 3,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä_{xy}^{(12)}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä_{xy}^{(12)}$
0	1	99 685	99 684,731	2 530 850,719	25,389	24,924	50	51	93 130	14 780,323	238 814,198	16,158	15,693
1	2	99 273	95 684,778	2 431 165,987	25,408	24,944	51	52	92 530	14 154,381	224 033,875	15,828	15,363
2	3	99 226	92 182,383	2 335 481,209	25,335	24,871	52	53	91 840	13 540,955	209 879,494	15,500	15,035
3	4	99 196	88 823,794	2 243 298,826	25,256	24,791	53	54	91 105	12 947,143	196 338,539	15,165	14,700
4	5	99 170	85 591,188	2 154 475,032	25,172	24,707	54	55	90 313	12 370,688	183 391,396	14,825	14,360
5	6	99 147	82 478,238	2 068 883,844	25,084	24,620	55	56	89 436	11 807,728	171 020,708	14,484	14,019
6	7	99 128	79 481,585	1 986 405,606	24,992	24,528	56	57	88 496	11 261,297	159 212,979	14,138	13,674
7	8	99 109	76 594,088	1 906 924,021	24,896	24,432	57	58	87 500	10 732,080	147 951,682	13,786	13,322
8	9	99 093	73 814,108	1 830 329,932	24,796	24,332	58	59	86 413	10 215,679	137 219,602	13,432	12,968
9	10	99 078	71 135,295	1 756 515,824	24,693	24,228	59	60	85 248	9 713,759	127 003,923	13,075	12,610
10	11	99 063	68 553,889	1 685 380,529	24,585	24,120	60	61	83 980	9 223,334	117 290,165	12,717	12,252
11	12	99 047	66 064,849	1 616 826,640	24,473	24,009	61	62	82 629	8 747,020	108 066,831	12,355	11,890
12	13	99 030	63 666,373	1 550 761,791	24,358	23,893	62	63	81 191	8 284,146	99 319,811	11,989	11,525
13	14	99 010	61 352,854	1 487 095,418	24,238	23,774	63	64	79 678	7 835,839	91 035,665	11,618	11,153
14	15	98 989	59 122,314	1 425 742,564	24,115	23,651	64	65	78 092	7 402,319	83 199,826	11,240	10,775
15	16	98 961	56 969,643	1 366 620,250	23,989	23,524	65	66	76 390	6 979,258	75 797,507	10,860	10,396
16	17	98 928	54 892,276	1 309 650,608	23,859	23,394	66	67	74 596	6 569,016	68 818,249	10,476	10,012
17	18	98 887	52 885,989	1 254 758,332	23,726	23,261	67	68	72 692	6 169,985	62 249,233	10,089	9,625
18	19	98 831	50 945,539	1 201 872,343	23,591	23,127	68	69	70 699	5 783,925	56 079,248	9,696	9,231
19	20	98 763	49 070,355	1 150 926,804	23,455	22,990	69	70	68 609	5 410,038	50 295,323	9,297	8,832
20	21	98 693	47 263,120	1 101 856,449	23,313	22,849	70	71	66 392	5 046,043	44 885,285	8,895	8,431
21	22	98 619	45 520,782	1 054 593,329	23,167	22,703	71	72	64 045	4 691,715	39 839,242	8,491	8,027
22	23	98 543	43 841,905	1 009 072,547	23,016	22,552	72	73	61 545	4 345,569	35 147,527	8,088	7,624
23	24	98 469	42 225,149	965 230,643	22,859	22,395	73	74	58 903	4 008,693	30 801,958	7,684	7,219
24	25	98 397	40 669,439	923 005,494	22,695	22,231	74	75	56 081	3 678,717	26 793,265	7,283	6,819
25	26	98 321	39 168,902	882 336,054	22,526	22,062	75	76	53 019	3 352,158	23 114,548	6,895	6,431
26	27	98 243	37 723,492	843 167,148	22,351	21,887	76	77	49 784	3 033,861	19 762,390	6,514	6,050
27	28	98 160	36 329,104	805 443,655	22,171	21,706	77	78	46 390	2 724,809	16 728,529	6,139	5,675
28	29	98 073	34 984,991	769 114,552	21,984	21,520	78	79	42 803	2 423,268	14 003,720	5,779	5,314
29	30	97 986	33 690,541	734 129,561	21,790	21,326	79	80	39 070	2 131,989	11 580,452	5,432	4,967
30	31	97 894	32 442,272	700 439,020	21,590	21,126	80	81	35 235	1 853,214	9 448,462	5,098	4,634
31	32	97 801	31 240,212	667 996,749	21,383	20,918	81	82	31 375	1 590,554	7 595,248	4,775	4,311
32	33	97 697	30 078,890	636 756,537	21,170	20,705	82	83	27 485	1 342,995	6 004,694	4,471	4,007
33	34	97 589	28 959,797	606 677,647	20,949	20,485	83	84	23 692	1 115,815	4 661,699	4,178	3,713
34	35	97 474	27 879,903	577 717,850	20,722	20,257	84	85	20 047	910,008	3 545,883	3,897	3,432
35	36	97 358	26 840,201	549 837,948	20,486	20,021	85	86	16 582	725,532	2 635,876	3,633	3,169
36	37	97 230	25 836,059	522 997,747	20,243	19,779	86	87	13 388	564,606	1 910,344	3,383	2,919
37	38	97 092	24 867,012	497 161,688	19,993	19,528	87	88	10 495	426,592	1 345,737	3,155	2,690
38	39	96 946	23 932,131	472 294,676	19,735	19,270	88	89	7 966	312,082	919,145	2,945	2,481
39	40	96 775	23 026,516	448 362,546	19,472	19,007	89	90	5 824	219,935	607,063	2,760	2,296
40	41	96 596	22 153,097	425 336,030	19,200	18,735	90	91	4 099	149,202	387,128	2,595	2,130
41	42	96 395	21 307,899	403 182,933	18,922	18,457	91	92	2 778	97,443	237,926	2,442	1,977
42	43	96 177	20 491,352	381 875,034	18,636	18,171	92	93	1 802	60,933	140,483	2,306	1,841
43	44	95 932	19 700,301	361 383,683	18,344	17,880	93	94	1 119	36,485	79,550	2,180	1,716
44	45	95 653	18 933,093	341 683,382	18,047	17,582	94	95	663	20,835	43,064	2,067	1,603
45	46	95 341	18 189,344	322 750,289	17,744	17,279	95	96	374	11,317	22,230	1,964	1,500
46	47	94 996	17 468,416	304 560,944	17,435	16,971	96	97	200	5,831	10,913	1,871	1,407
47	48	94 606	16 767,918	287 092,529	17,122	16,657	97	98	101	2,843	5,081	1,787	1,323
48	49	94 166	16 086,696	270 324,611	16,804	16,340	98	99	48	1,308	2,238	1,711	1,247
49	50	93 671	15 423,717	254 237,915	16,484	16,019	99	100	22	0,566	0,930	1,642	1,178

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	2	99 658	99 658,418	2 527 628,351	25,363	24,898	50	52	92 902	14 744,158	236 251,677	16,023	15,559
1	3	99 258	95 670,527	2 427 969,933	25,378	24,914	51	53	92 276	14 115,522	221 507,518	15,692	15,228
2	4	99 215	92 172,083	2 332 299,406	25,304	24,839	52	54	91 564	13 500,244	207 391,997	15,362	14,898
3	5	99 184	88 813,208	2 240 127,323	25,223	24,758	53	55	90 815	12 905,826	193 891,753	15,024	14,559
4	6	99 160	85 582,537	2 151 314,115	25,137	24,673	54	56	89 993	12 326,857	180 985,927	14,682	14,218
5	7	99 138	82 471,055	2 065 731,578	25,048	24,584	55	57	89 099	11 763,187	168 659,070	14,338	13,873
6	8	99 119	79 474,764	1 983 260,523	24,955	24,490	56	58	88 142	11 216,291	156 895,883	13,988	13,524
7	9	99 101	76 588,448	1 903 785,760	24,857	24,393	57	59	87 113	10 684,727	145 679,592	13,634	13,170
8	10	99 086	73 809,016	1 827 197,312	24,756	24,291	58	60	86 005	10 167,440	134 994,865	13,277	12,813
9	11	99 071	71 130,246	1 753 388,295	24,650	24,186	59	61	84 789	9 661,408	124 827,425	12,920	12,456
10	12	99 055	68 548,407	1 682 258,049	24,541	24,077	60	62	83 497	9 170,330	115 166,017	12,559	12,094
11	13	99 039	66 059,531	1 613 709,642	24,428	23,964	61	63	82 108	8 691,847	105 995,687	12,195	11,730
12	14	99 021	63 660,670	1 547 650,111	24,311	23,847	62	64	80 644	8 228,328	97 303,841	11,825	11,361
13	15	99 000	61 346,204	1 483 989,441	24,190	23,726	63	65	79 092	7 778,250	89 075,512	11,452	10,987
14	16	98 976	59 114,877	1 422 643,237	24,066	23,601	64	66	77 482	7 344,508	81 297,262	11,069	10,605
15	17	98 946	56 960,877	1 363 528,360	23,938	23,474	65	67	75 736	6 919,555	73 952,754	10,688	10,223
16	18	98 913	54 883,467	1 306 567,484	23,806	23,342	66	68	73 915	6 509,026	67 033,199	10,298	9,834
17	19	98 864	52 873,910	1 251 684,017	23,673	23,209	67	69	71 986	6 110,071	60 524,173	9,906	9,441
18	20	98 810	50 935,017	1 198 810,107	23,536	23,072	68	70	69 948	5 722,491	54 414,102	9,509	9,044
19	21	98 741	49 059,461	1 147 875,090	23,398	22,933	69	71	67 813	5 347,256	48 691,611	9,106	8,641
20	22	98 672	47 253,228	1 098 815,629	23,254	22,789	70	72	65 537	4 981,064	43 344,355	8,702	8,237
21	23	98 597	45 510,570	1 051 562,401	23,106	22,641	71	73	63 118	4 623,790	38 363,291	8,297	7,833
22	24	98 521	43 831,883	1 006 051,831	22,953	22,488	72	74	60 544	4 274,905	33 739,501	7,892	7,428
23	25	98 449	42 216,614	962 219,947	22,792	22,328	73	75	57 807	3 934,101	29 464,596	7,490	7,025
24	26	98 376	40 660,493	920 003,334	22,626	22,162	74	76	54 878	3 599,779	25 530,496	7,092	6,628
25	27	98 297	39 159,637	879 342,841	22,455	21,991	75	77	51 721	3 270,054	21 930,716	6,707	6,242
26	28	98 217	37 713,358	840 183,204	22,278	21,814	76	78	48 404	2 949,752	18 660,662	6,326	5,862
27	29	98 135	36 319,917	802 469,846	22,094	21,630	77	79	44 902	2 637,429	15 710,911	5,957	5,492
28	30	98 045	34 974,953	766 149,929	21,906	21,441	78	80	41 249	2 335,289	13 073,481	5,598	5,134
29	31	97 958	33 681,005	731 174,976	21,709	21,244	79	81	37 438	2 042,946	10 738,192	5,256	4,792
30	32	97 864	32 432,473	697 493,971	21,506	21,042	80	82	33 558	1 765,019	8 695,247	4,926	4,462
31	33	97 767	31 229,138	665 061,498	21,296	20,832	81	83	29 645	1 502,844	6 930,228	4,611	4,147
32	34	97 661	30 067,892	633 832,360	21,080	20,616	82	84	25 762	1 258,774	5 427,384	4,312	3,847
33	35	97 548	28 947,495	603 764,468	20,857	20,393	83	85	21 979	1 035,124	4 168,610	4,027	3,563
34	36	97 435	27 868,813	574 816,972	20,626	20,161	84	86	18 388	834,700	3 133,485	3,754	3,290
35	37	97 311	26 827,446	546 948,159	20,388	19,923	85	87	15 020	657,171	2 298,785	3,498	3,034
36	38	97 178	25 822,270	520 120,713	20,142	19,678	86	88	11 938	503,464	1 641,615	3,261	2,796
37	39	97 038	24 853,168	494 298,443	19,889	19,424	87	89	9 211	374,425	1 138,150	3,040	2,575
38	40	96 882	23 916,298	469 445,275	19,629	19,164	88	90	6 838	267,917	763,725	2,851	2,386
39	41	96 707	23 010,254	445 528,977	19,362	18,898	89	91	4 923	185,890	495,808	2,667	2,203
40	42	96 518	22 135,341	422 518,723	19,088	18,624	90	92	3 371	122,691	309,918	2,526	2,062
41	43	96 309	21 288,933	400 383,381	18,807	18,343	91	93	2 252	79,005	187,227	2,370	1,905
42	44	96 078	20 470,370	379 094,449	18,519	18,055	92	94	1 429	48,304	108,222	2,240	1,776
43	45	95 824	19 678,174	358 624,079	18,224	17,760	93	95	867	28,244	59,918	2,121	1,657
44	46	95 532	18 909,063	338 945,904	17,925	17,461	94	96	501	15,729	31,674	2,014	1,549
45	47	95 207	18 163,713	320 036,842	17,620	17,155	95	97	275	8,321	15,945	1,916	1,452
46	48	94 841	17 439,853	301 873,128	17,309	16,845	96	98	143	4,171	7,624	1,828	1,363
47	49	94 439	16 738,265	284 433,276	16,993	16,529	97	99	70	1,975	3,453	1,748	1,283
48	50	93 973	16 053,595	267 695,011	16,675	16,211	98	100	33	0,882	1,477	1,675	1,211
49	51	93 465	15 389,739	251 641,416	16,351	15,887							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß 3,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	3	99 644	99 643,575	2 524 181,331	25,332	24,868	50	53	92 647	14 703,680	233 500,418	15,880	15,416
1	4	99 247	95 659,837	2 424 537,756	25,345	24,881	51	54	91 999	14 073,083	218 796,738	15,547	15,083
2	5	99 203	92 161,098	2 328 877,919	25,270	24,805	52	55	91 271	13 457,161	204 723,655	15,213	14,749
3	6	99 174	88 804,231	2 236 716,821	25,187	24,723	53	56	90 493	12 860,099	191 266,494	14,873	14,408
4	7	99 152	85 575,084	2 147 912,590	25,100	24,635	54	57	89 654	12 280,358	178 406,395	14,528	14,063
5	8	99 130	82 463,977	2 062 337,507	25,009	24,545	55	58	88 742	11 716,175	166 126,038	14,179	13,715
6	9	99 112	79 468,911	1 979 873,530	24,914	24,449	56	59	87 753	11 166,801	154 409,863	13,828	13,363
7	10	99 095	76 583,164	1 900 404,619	24,815	24,350	57	60	86 702	10 634,273	143 243,062	13,470	13,006
8	11	99 079	73 803,778	1 823 821,455	24,712	24,247	58	61	85 541	10 112,644	132 608,789	13,113	12,649
9	12	99 063	71 124,558	1 750 017,677	24,605	24,141	59	62	84 302	9 605,887	122 496,145	12,752	12,288
10	13	99 047	68 542,889	1 678 893,118	24,494	24,030	60	63	82 970	9 112,487	112 890,258	12,389	11,924
11	14	99 030	66 053,614	1 610 350,229	24,379	23,915	61	64	81 555	8 633,282	103 777,771	12,021	11,556
12	15	99 011	63 653,770	1 544 296,616	24,261	23,796	62	65	80 052	8 167,855	95 144,489	11,649	11,184
13	16	98 987	61 338,487	1 480 642,846	24,139	23,674	63	66	78 474	7 717,503	86 976,634	11,270	10,806
14	17	98 961	59 105,781	1 419 304,359	24,013	23,549	64	67	76 819	7 281,681	79 259,131	10,885	10,420
15	18	98 930	56 951,736	1 360 198,578	23,883	23,419	65	68	75 045	6 856,364	71 977,450	10,498	10,033
16	19	98 890	54 870,931	1 303 246,842	23,751	23,287	66	69	73 197	6 445,819	65 121,086	10,103	9,638
17	20	98 844	52 862,989	1 248 375,911	23,615	23,151	67	70	71 222	6 045,173	58 675,266	9,706	9,242
18	21	98 788	50 923,710	1 195 512,922	23,477	23,012	68	71	69 136	5 656,083	52 630,094	9,305	8,841
19	22	98 720	49 049,194	1 144 589,212	23,336	22,871	69	72	66 939	5 278,398	46 974,011	8,899	8,435
20	23	98 650	47 242,628	1 095 540,019	23,190	22,725	70	73	64 589	4 908,950	41 695,613	8,494	8,029
21	24	98 574	45 500,168	1 048 297,391	23,039	22,575	71	74	62 092	4 548,602	36 786,663	8,087	7,623
22	25	98 501	43 823,023	1 002 797,223	22,883	22,418	72	75	59 417	4 195,359	32 238,061	7,684	7,220
23	26	98 427	42 207,327	958 974,200	22,721	22,256	73	76	56 566	3 849,683	28 042,702	7,284	6,820
24	27	98 352	40 650,870	916 766,873	22,552	22,088	74	77	53 534	3 511,611	24 193,019	6,889	6,425
25	28	98 271	39 149,117	876 116,003	22,379	21,915	75	78	50 287	3 179,396	20 681,409	6,505	6,040
26	29	98 192	37 703,821	836 966,887	22,198	21,734	76	79	46 852	2 855,158	17 502,013	6,130	5,666
27	30	98 107	36 309,496	799 263,065	22,013	21,548	77	80	43 272	2 541,675	14 646,854	5,763	5,298
28	31	98 017	34 965,054	762 953,569	21,820	21,356	78	81	39 526	2 237,754	12 105,179	5,410	4,945
29	32	97 928	33 670,833	727 988,516	21,621	21,156	79	82	35 657	1 945,721	9 867,425	5,071	4,607
30	33	97 829	32 420,977	694 317,683	21,416	20,951	80	83	31 708	1 667,688	7 921,704	4,750	4,286
31	34	97 731	31 217,720	661 896,706	21,203	20,738	81	84	27 786	1 408,598	6 254,016	4,440	3,975
32	35	97 620	30 055,120	630 678,986	20,984	20,520	82	85	23 899	1 167,745	4 845,417	4,149	3,685
33	36	97 509	28 935,981	600 623,867	20,757	20,293	83	86	20 160	949,463	3 677,673	3,873	3,409
34	37	97 388	27 855,570	571 687,885	20,523	20,059	84	87	16 655	756,052	2 728,210	3,608	3,144
35	38	97 259	26 813,128	543 832,316	20,282	19,818	85	88	13 393	586,005	1 972,157	3,365	2,901
36	39	97 124	25 807,895	517 019,187	20,033	19,569	86	89	10 478	441,897	1 386,152	3,137	2,672
37	40	96 974	24 836,727	491 211,292	19,778	19,313	87	90	7 908	321,438	944,255	2,938	2,473
38	41	96 813	23 899,408	466 374,566	19,514	19,050	88	91	5 780	226,445	622,818	2,750	2,286
39	42	96 629	22 991,811	442 475,158	19,245	18,780	89	92	4 048	152,860	396,373	2,593	2,129
40	43	96 433	22 115,639	419 483,347	18,968	18,503	90	93	2 733	99,474	243,513	2,448	1,984
41	44	96 210	21 267,134	397 367,708	18,685	18,220	91	94	1 785	62,631	144,038	2,300	1,835
42	45	95 971	20 447,378	376 100,573	18,394	17,929	92	95	1 106	37,393	81,408	2,177	1,713
43	46	95 702	19 653,198	355 653,195	18,096	17,632	93	96	654	21,323	44,015	2,064	1,600
44	47	95 397	18 882,418	335 999,997	17,794	17,330	94	97	368	11,566	22,692	1,962	1,498
45	48	95 051	18 134,013	317 117,579	17,487	17,023	95	98	197	5,952	11,126	1,869	1,405
46	49	94 673	17 409,012	298 983,566	17,174	16,710	96	99	99	2,898	5,175	1,786	1,321
47	50	94 245	16 703,824	281 574,554	16,857	16,392	97	100	47	1,332	2,277	1,710	1,245
48	51	93 766	16 018,229	264 870,731	16,536	16,071							
49	52	93 236	15 352,084	248 852,502	16,210	15,745							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	4	99 632	99 632,441	2 520 485,744	25,298	24,833	50	54	92 368	14 659,473	230 554,308	15,727	15,263
1	5	99 235	95 648,437	2 420 853,302	25,310	24,845	51	55	91 705	14 028,173	215 894,835	15,390	14,926
2	6	99 193	92 151,783	2 325 204,866	25,232	24,768	52	56	90 948	13 409,480	201 866,663	15,054	14,590
3	7	99 165	88 796,497	2 233 053,083	25,148	24,684	53	57	90 151	12 811,588	188 457,182	14,710	14,245
4	8	99 143	85 567,739	2 144 256,586	25,059	24,595	54	58	89 295	12 231,278	175 645,595	14,360	13,896
5	9	99 123	82 457,904	2 058 688,847	24,967	24,502	55	59	88 351	11 664,479	163 414,316	14,010	13,545
6	10	99 105	79 463,429	1 976 230,943	24,870	24,405	56	60	87 339	11 114,071	151 749,837	13,654	13,189
7	11	99 088	76 577,729	1 896 767,515	24,769	24,305	57	61	86 235	10 576,961	140 635,766	13,296	12,832
8	12	99 071	73 797,876	1 820 189,785	24,665	24,200	58	62	85 050	10 054,530	130 058,804	12,935	12,471
9	13	99 055	71 118,833	1 746 391,909	24,556	24,092	59	63	83 770	9 545,296	120 004,275	12,572	12,108
10	14	99 039	68 536,749	1 675 273,076	24,443	23,979	60	64	82 411	9 051,088	110 458,979	12,204	11,740
11	15	99 019	66 046,454	1 606 736,327	24,327	23,863	61	65	80 956	8 569,833	101 407,890	11,833	11,369
12	16	98 998	63 645,763	1 540 689,873	24,207	23,743	62	66	79 427	8 104,065	92 838,057	11,456	10,991
13	17	98 972	61 329,049	1 477 044,110	24,084	23,619	63	67	77 803	7 651,485	84 733,992	11,074	10,610
14	18	98 945	59 096,296	1 415 715,061	23,956	23,492	64	68	76 118	7 215,183	77 082,507	10,683	10,219
15	19	98 908	56 938,727	1 356 618,765	23,826	23,362	65	69	74 316	6 789,784	69 867,325	10,290	9,826
16	20	98 869	54 859,598	1 299 680,038	23,691	23,227	66	70	72 420	6 377,355	63 077,540	9,891	9,426
17	21	98 822	52 851,254	1 244 820,440	23,553	23,089	67	71	70 395	5 975,020	56 700,185	9,490	9,025
18	22	98 768	50 913,052	1 191 969,186	23,412	22,947	68	72	68 246	5 583,248	50 725,165	9,085	8,621
19	23	98 698	49 038,191	1 141 056,134	23,269	22,804	69	73	65 970	5 201,979	45 141,917	8,678	8,213
20	24	98 627	47 231,829	1 092 017,943	23,120	22,656	70	74	63 538	4 829,125	39 939,938	8,271	7,806
21	25	98 554	45 490,970	1 044 786,114	22,967	22,502	71	75	60 936	4 463,963	35 110,813	7,865	7,401
22	26	98 479	43 813,383	999 295,144	22,808	22,344	72	76	58 142	4 105,336	30 646,850	7,465	7,001
23	27	98 404	42 197,338	955 481,761	22,643	22,179	73	77	55 181	3 755,393	26 541,514	7,068	6,603
24	28	98 326	40 639,949	913 284,423	22,473	22,008	74	78	52 049	3 414,256	22 786,121	6,674	6,209
25	29	98 246	39 139,217	872 644,474	22,296	21,831	75	79	48 674	3 077,438	19 371,865	6,295	5,830
26	30	98 164	37 693,003	833 505,257	22,113	21,649	76	80	45 151	2 751,499	16 294,427	5,922	5,458
27	31	98 079	36 299,219	795 812,254	21,924	21,459	77	81	41 464	2 435,520	13 542,928	5,561	5,096
28	32	97 987	34 954,494	759 513,035	21,729	21,264	78	82	37 645	2 131,259	11 107,408	5,212	4,747
29	33	97 894	33 658,897	724 558,541	21,527	21,062	79	83	33 690	1 838,426	8 976,149	4,883	4,418
30	34	97 794	32 409,123	690 899,644	21,318	20,854	80	84	29 719	1 563,105	7 137,723	4,566	4,102
31	35	97 690	31 204,459	658 490,522	21,102	20,638	81	85	25 776	1 306,735	5 574,618	4,266	3,802
32	36	97 581	30 043,165	627 286,062	20,879	20,415	82	86	21 921	1 071,108	4 267,883	3,985	3,520
33	37	97 463	28 922,231	597 242,897	20,650	20,186	83	87	18 260	860,002	3 196,775	3,717	3,253
34	38	97 337	27 840,703	568 320,666	20,413	19,949	84	88	14 852	674,178	2 336,773	3,466	3,002
35	39	97 205	26 798,201	540 479,963	20,169	19,704	85	89	11 756	514,344	1 662,595	3,232	2,768
36	40	97 059	25 790,822	513 681,762	19,917	19,453	86	90	8 996	379,361	1 148,251	3,027	2,562
37	41	96 905	24 819,186	487 890,940	19,658	19,193	87	91	6 684	271,681	768,890	2,830	2,366
38	42	96 736	23 880,253	463 071,754	19,391	18,927	88	92	4 753	186,209	497,209	2,670	2,206
39	43	96 543	22 971,346	439 191,501	19,119	18,655	89	93	3 282	123,935	311,000	2,509	2,045
40	44	96 334	22 092,994	416 220,155	18,839	18,375	90	94	2 167	78,858	187,066	2,372	1,908
41	45	96 102	21 243,248	394 127,161	18,553	18,089	91	95	1 382	48,483	108,208	2,232	1,767
42	46	95 849	20 421,426	372 883,913	18,259	17,795	92	96	835	28,230	59,724	2,116	1,651
43	47	95 567	19 625,505	352 462,487	17,959	17,495	93	97	481	15,678	31,494	2,009	1,544
44	48	95 241	18 851,543	332 836,982	17,656	17,191	94	98	263	8,272	15,816	1,912	1,448
45	49	94 883	18 101,945	313 985,440	17,345	16,881	95	99	137	4,135	7,544	1,824	1,360
46	50	94 478	17 373,190	295 883,495	17,031	16,567	96	100	67	1,953	3,408	1,745	1,280
47	51	94 037	16 667,025	278 510,305	16,710	16,246							
48	52	93 536	15 979,036	261 843,280	16,387	15,922							
49	53	92 980	15 309,936	245 864,244	16,059	15,595							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	5	99 621	99 620,567	2 516 525,489	25,261	24,797	50	55	92 074	14 612,691	227 407,083	15,562	15,098
1	6	99 225	95 638,769	2 416 904,922	25,271	24,807	51	56	91 380	13 978,468	212 794,392	15,223	14,759
2	7	99 184	92 143,757	2 321 266,153	25,192	24,727	52	57	90 605	13 358,897	198 815,923	14,883	14,418
3	8	99 157	88 788,876	2 229 122,396	25,106	24,641	53	58	89 791	12 760,385	185 457,026	14,534	14,069
4	9	99 136	85 561,437	2 140 333,520	25,015	24,551	54	59	88 901	12 177,310	172 696,641	14,182	13,717
5	10	99 116	82 452,215	2 054 772,083	24,921	24,456	55	60	87 934	11 609,399	160 519,331	13,827	13,362
6	11	99 098	79 457,789	1 972 319,867	24,822	24,358	56	61	86 868	11 054,174	148 909,931	13,471	13,007
7	12	99 080	76 571,606	1 892 862,078	24,720	24,256	57	62	85 739	10 516,179	137 855,758	13,109	12,644
8	13	99 064	73 791,935	1 816 290,472	24,614	24,149	58	63	84 513	9 991,109	127 339,579	12,745	12,281
9	14	99 046	71 112,462	1 742 498,537	24,503	24,039	59	64	83 205	9 480,981	117 348,470	12,377	11,913
10	15	99 028	68 529,321	1 671 386,075	24,389	23,925	60	65	81 806	8 984,568	107 867,489	12,006	11,541
11	16	99 007	66 038,146	1 602 856,754	24,272	23,807	61	66	80 323	8 502,904	98 882,921	11,629	11,165
12	17	98 983	63 635,970	1 536 818,608	24,150	23,686	62	67	78 747	8 034,741	90 380,017	11,249	10,784
13	18	98 956	61 319,207	1 473 182,638	24,025	23,560	63	68	77 092	7 581,610	82 345,276	10,861	10,397
14	19	98 922	59 082,798	1 411 863,431	23,896	23,432	64	69	75 379	7 145,119	74 763,667	10,464	9,999
15	20	98 887	56 926,967	1 352 780,633	23,763	23,299	65	70	73 527	6 717,667	67 618,548	10,066	9,601
16	21	98 848	54 847,420	1 295 853,666	23,627	23,162	66	71	71 579	6 303,348	60 900,881	9,662	9,197
17	22	98 801	52 840,193	1 241 006,246	23,486	23,022	67	72	69 489	5 898,079	54 597,534	9,257	8,792
18	23	98 746	50 901,631	1 188 166,054	23,342	22,878	68	73	67 258	5 502,416	48 699,455	8,851	8,386
19	24	98 675	49 026,981	1 137 264,423	23,197	22,732	69	74	64 897	5 117,388	43 197,040	8,441	7,977
20	25	98 607	47 222,282	1 088 237,442	23,045	22,581	70	75	62 356	4 739,266	38 079,651	8,035	7,571
21	26	98 533	45 480,963	1 041 015,160	22,889	22,425	71	76	59 629	4 368,176	33 340,385	7,633	7,168
22	27	98 456	43 803,014	995 534,197	22,728	22,263	72	77	56 718	4 004,784	28 972,209	7,234	6,770
23	28	98 377	42 186,002	951 731,183	22,560	22,096	73	78	53 651	3 651,280	24 967,425	6,838	6,374
24	29	98 301	40 629,672	909 545,181	22,386	21,922	74	79	50 380	3 304,767	21 316,145	6,450	5,986
25	30	98 218	39 127,987	868 915,509	22,207	21,743	75	80	46 907	2 965,709	18 011,378	6,073	5,609
26	31	98 136	37 682,335	829 787,522	22,021	21,556	76	81	43 265	2 636,581	15 045,669	5,707	5,242
27	32	98 049	36 288,256	792 105,187	21,828	21,364	77	82	39 491	2 319,613	12 409,088	5,350	4,885
28	33	97 953	34 942,103	755 816,931	21,631	21,166	78	83	35 569	2 013,732	10 089,475	5,010	4,546
29	34	97 858	33 646,590	720 874,828	21,425	20,960	79	84	31 578	1 723,135	8 075,743	4,687	4,222
30	35	97 752	32 395,356	687 228,237	21,214	20,749	80	85	27 570	1 450,068	6 352,608	4,381	3,916
31	36	97 651	31 192,047	654 832,882	20,994	20,529	81	86	23 643	1 198,596	4 902,540	4,090	3,626
32	37	97 535	30 028,888	623 640,834	20,768	20,304	82	87	19 855	970,186	3 703,943	3,818	3,353
33	38	97 411	28 906,795	593 611,946	20,535	20,071	83	88	16 283	766,871	2 733,758	3,565	3,100
34	39	97 282	27 825,204	564 705,150	20,295	19,830	84	89	13 036	591,735	1 966,887	3,324	2,860
35	40	97 141	26 780,473	536 879,946	20,047	19,583	85	90	10 092	441,555	1 375,152	3,114	2,650
36	41	96 991	25 772,607	510 099,474	19,792	19,328	86	91	7 603	320,638	933,596	2,912	2,447
37	42	96 828	24 799,294	484 326,866	19,530	19,065	87	92	5 496	223,407	612,959	2,744	2,279
38	43	96 650	23 858,997	459 527,572	19,260	18,796	88	93	3 853	150,973	389,552	2,580	2,116
39	44	96 445	22 947,825	435 668,575	18,985	18,521	89	94	2 602	98,249	238,579	2,428	1,964
40	45	96 226	22 068,180	412 720,750	18,702	18,238	90	95	1 677	61,045	140,330	2,299	1,834
41	46	95 980	21 216,285	390 652,570	18,413	17,948	91	96	1 043	36,602	79,284	2,166	1,702
42	47	95 714	20 392,650	369 436,284	18,116	17,652	92	97	614	20,757	42,682	2,056	1,592
43	48	95 411	19 593,415	349 043,635	17,814	17,350	93	98	344	11,214	21,925	1,955	1,491
44	49	95 072	18 818,205	329 450,220	17,507	17,043	94	99	183	5,748	10,711	1,864	1,399
45	50	94 688	18 064,697	310 632,015	17,196	16,731	95	100	92	2,788	4,963	1,781	1,316
46	51	94 270	17 334,917	292 567,318	16,877	16,413							
47	52	93 807	16 626,244	275 232,401	16,554	16,090							
48	53	93 279	15 935,167	258 606,156	16,229	15,764							
49	54	92 701	15 263,906	242 670,989	15,898	15,434							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß 3,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	6	99 610	99 610,498	2 512 289,212	25,221	24,757	50	56	91 747	14 560,916	224 051,770	15,387	14,923
1	7	99 217	95 630,440	2 412 678,714	25,229	24,765	51	57	91 036	13 925,739	209 490,854	15,043	14,579
2	8	99 176	92 135,849	2 317 048,274	25,148	24,684	52	58	90 243	13 305,507	195 565,115	14,698	14,234
3	9	99 150	88 782,337	2 224 912,425	25,060	24,596	53	59	89 395	12 704,083	182 259,608	14,347	13,882
4	10	99 129	85 555,535	2 136 130,088	24,968	24,503	54	60	88 482	12 119,809	169 555,525	13,990	13,526
5	11	99 109	82 446,364	2 050 574,553	24,872	24,407	55	61	87 460	11 546,832	157 435,717	13,635	13,170
6	12	99 090	79 451,435	1 968 128,189	24,771	24,307	56	62	86 369	10 990,648	145 888,884	13,274	12,809
7	13	99 072	76 565,442	1 888 676,754	24,667	24,203	57	63	85 198	10 449,846	134 898,236	12,909	12,445
8	14	99 055	73 785,325	1 812 111,313	24,559	24,095	58	64	83 944	9 923,790	124 448,390	12,540	12,076
9	15	99 036	71 104,754	1 738 325,987	24,447	23,983	59	65	82 594	9 411,302	114 524,599	12,169	11,704
10	16	99 015	68 520,700	1 667 221,233	24,332	23,867	60	66	81 167	8 914,400	105 113,298	11,791	11,327
11	17	98 991	66 027,985	1 598 700,532	24,212	23,748	61	67	79 636	8 430,168	96 198,898	11,411	10,947
12	18	98 967	63 625,758	1 532 672,548	24,089	23,624	62	68	78 028	7 961,365	87 768,730	11,024	10,560
13	19	98 933	61 305,201	1 469 046,790	23,963	23,498	63	69	76 344	7 507,987	79 807,365	10,630	10,165
14	20	98 902	59 070,595	1 407 741,589	23,832	23,367	64	70	74 578	7 069,227	72 299,378	10,227	9,763
15	21	98 865	56 914,330	1 348 670,994	23,697	23,232	65	71	72 673	6 639,710	65 230,151	9,824	9,360
16	22	98 827	54 835,941	1 291 756,664	23,557	23,092	66	72	70 657	6 222,178	58 590,441	9,416	8,952
17	23	98 779	52 828,339	1 236 920,723	23,414	22,950	67	73	68 483	5 812,688	52 368,263	9,009	8,545
18	24	98 723	50 889,995	1 184 092,384	23,268	22,803	68	74	66 164	5 412,940	46 555,575	8,601	8,136
19	25	98 656	49 017,071	1 133 202,389	23,119	22,654	69	75	63 690	5 022,166	41 142,636	8,192	7,728
20	26	98 586	47 211,894	1 084 185,317	22,964	22,500	70	76	61 018	4 637,572	36 120,469	7,789	7,324
21	27	98 509	45 470,199	1 036 973,424	22,806	22,341	71	77	58 168	4 261,187	31 482,897	7,388	6,924
22	28	98 430	43 791,246	991 503,224	22,642	22,177	72	78	55 146	3 893,757	27 221,711	6,991	6,527
23	29	98 352	42 175,334	947 711,978	22,471	22,006	73	79	51 930	3 534,190	23 327,954	6,601	6,136
24	30	98 273	40 618,015	905 536,644	22,294	21,830	74	80	48 551	3 184,784	19 793,764	6,215	5,751
25	31	98 190	39 116,913	864 918,629	22,111	21,647	75	81	44 948	2 841,845	16 608,980	5,844	5,380
26	32	98 106	37 670,954	825 801,716	21,921	21,457	76	82	41 206	2 511,105	13 767,135	5,483	5,018
27	33	98 015	36 275,393	788 130,763	21,726	21,262	77	83	37 313	2 191,700	11 256,030	5,136	4,671
28	34	97 917	34 929,327	751 855,370	21,525	21,061	78	84	33 339	1 887,448	9 064,331	4,802	4,338
29	35	97 816	33 632,298	716 926,043	21,317	20,852	79	85	29 294	1 598,525	7 176,883	4,490	4,025
30	36	97 713	32 382,471	683 293,745	21,101	20,636	80	86	25 288	1 330,068	5 578,357	4,194	3,730
31	37	97 604	31 177,225	650 911,274	20,878	20,413	81	87	21 416	1 085,661	4 248,289	3,913	3,449
32	38	97 483	30 012,862	619 734,050	20,649	20,185	82	88	17 705	865,123	3 162,628	3,656	3,191
33	39	97 357	28 890,702	589 721,187	20,412	19,948	83	89	14 292	673,093	2 297,505	3,413	2,949
34	40	97 218	27 806,796	560 830,485	20,169	19,704	84	90	11 191	507,994	1 624,413	3,198	2,733
35	41	97 072	26 761,560	533 023,688	19,918	19,453	85	91	8 530	373,205	1 116,418	2,991	2,527
36	42	96 913	25 751,951	506 262,129	19,659	19,195	86	92	6 252	263,665	743,214	2,819	2,354
37	43	96 741	24 777,220	480 510,178	19,393	18,929	87	93	4 456	181,132	479,549	2,648	2,183
38	44	96 551	23 834,567	455 732,958	19,121	18,656	88	94	3 055	119,684	298,417	2,493	2,029
39	45	96 336	22 922,051	431 898,390	18,842	18,378	89	95	2 014	76,056	178,733	2,350	1,886
40	46	96 103	22 040,170	408 976,339	18,556	18,092	90	96	1 266	46,086	102,677	2,228	1,764
41	47	95 845	21 186,389	386 936,169	18,263	17,799	91	97	767	26,914	56,591	2,103	1,638
42	48	95 557	20 359,305	365 749,779	17,965	17,500	92	98	439	14,846	29,677	1,999	1,535
43	49	95 242	19 558,765	345 390,474	17,659	17,195	93	99	239	7,791	14,831	1,904	1,439
44	50	94 877	18 779,484	325 831,709	17,350	16,886	94	100	123	3,874	7,040	1,817	1,353
45	51	94 480	18 024,901	307 052,225	17,035	16,570							
46	52	94 040	17 292,502	289 027,324	16,714	16,250							
47	53	93 549	16 580,599	271 734,822	16,389	15,924							
48	54	92 999	15 887,258	255 154,223	16,060	15,596							
49	55	92 405	15 215,196	239 266,966	15,726	15,261							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß 3,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä_{xy}^{(12)}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä_{xy}^{(12)}$
0	7	99 602	99 601,823	2 507 763,214	25,178	24,713	50	57	91 401	14 505,989	220 484,384	15,200	14,735
1	8	99 208	95 622,232	2 408 161,391	25,184	24,720	51	58	90 672	13 870,084	205 978,395	14,851	14,386
2	9	99 168	92 129,064	2 312 539,159	25,101	24,637	52	59	89 845	13 246,799	192 108,312	14,502	14,038
3	10	99 143	88 776,213	2 220 410,096	25,011	24,547	53	60	88 973	12 644,094	178 861,512	14,146	13,681
4	11	99 122	85 549,463	2 131 633,883	24,917	24,453	54	61	88 005	12 054,491	166 217,419	13,789	13,324
5	12	99 101	82 439,771	2 046 084,420	24,819	24,355	55	62	86 957	11 480,476	154 162,928	13,428	12,964
6	13	99 082	79 445,039	1 963 644,649	24,717	24,253	56	63	85 824	10 921,323	142 682,452	13,065	12,600
7	14	99 063	76 558,583	1 884 199,610	24,611	24,147	57	64	84 624	10 379,437	131 761,129	12,694	12,230
8	15	99 044	73 777,328	1 807 641,027	24,501	24,037	58	65	83 327	9 850,856	121 381,692	12,322	11,858
9	16	99 023	71 095,810	1 733 863,699	24,388	23,923	59	66	81 949	9 337,801	111 530,835	11,944	11,480
10	17	99 000	68 510,157	1 662 767,889	24,270	23,806	60	67	80 472	8 838,144	102 193,035	11,563	11,098
11	18	98 975	66 017,389	1 594 257,732	24,149	23,685	61	68	78 909	8 353,181	93 354,891	11,176	10,712
12	19	98 944	63 611,225	1 528 240,343	24,025	23,560	62	69	77 270	7 884,055	85 001,711	10,781	10,317
13	20	98 913	61 292,539	1 464 629,118	23,896	23,431	63	70	75 533	7 428,241	77 117,655	10,382	9,917
14	21	98 880	59 057,482	1 403 336,579	23,762	23,298	64	71	73 713	6 987,190	69 689,414	9,974	9,509
15	22	98 844	56 902,419	1 344 279,097	23,624	23,160	65	72	71 738	6 554,209	62 702,224	9,567	9,102
16	23	98 805	54 823,639	1 287 376,678	23,482	23,018	66	73	69 634	6 132,095	56 148,015	9,156	8,692
17	24	98 756	52 816,264	1 232 553,039	23,337	22,872	67	74	67 369	5 718,167	50 015,920	8,747	8,282
18	25	98 703	50 879,709	1 179 736,775	23,187	22,722	68	75	64 933	5 312,218	44 297,753	8,339	7,874
19	26	98 634	49 006,288	1 128 857,067	23,035	22,571	69	76	62 323	4 914,401	38 985,535	7,933	7,468
20	27	98 562	47 200,720	1 079 850,778	22,878	22,413	70	77	59 524	4 523,984	34 071,134	7,531	7,067
21	28	98 483	45 457,984	1 032 650,058	22,717	22,252	71	78	56 556	4 143,051	29 547,149	7,132	6,667
22	29	98 405	43 780,173	987 192,074	22,549	22,084	72	79	53 377	3 768,891	25 404,098	6,740	6,276
23	30	98 324	42 163,233	943 411,901	22,375	21,911	73	80	50 045	3 405,878	21 635,207	6,352	5,888
24	31	98 245	40 606,519	901 248,668	22,195	21,730	74	81	46 523	3 051,770	18 229,330	5,973	5,509
25	32	98 160	39 105,098	860 642,150	22,008	21,544	75	82	42 809	2 706,600	15 177,560	5,608	5,143
26	33	98 072	37 657,600	821 537,051	21,816	21,352	76	83	38 934	2 372,632	12 470,960	5,256	4,792
27	34	97 979	36 262,129	783 879,451	21,617	21,153	77	84	34 973	2 054,255	10 098,328	4,916	4,451
28	35	97 875	34 914,490	747 617,322	21,413	20,948	78	85	30 928	1 750,956	8 044,073	4,594	4,130
29	36	97 777	33 618,921	712 702,832	21,199	20,735	79	86	26 870	1 466,240	6 293,117	4,292	3,828
30	37	97 667	32 367,082	679 083,911	20,981	20,516	80	87	22 906	1 204,746	4 826,877	4,007	3,542
31	38	97 552	31 160,586	646 716,829	20,754	20,290	81	88	19 096	968,093	3 622,132	3,742	3,277
32	39	97 428	29 996,154	615 556,243	20,521	20,057	82	89	15 540	759,329	2 654,039	3,495	3,031
33	40	97 292	28 871,590	585 560,089	20,282	19,817	83	90	12 269	577,839	1 894,709	3,279	2,815
34	41	97 149	27 787,158	556 688,500	20,034	19,570	84	91	9 458	429,359	1 316,871	3,067	2,603
35	42	96 994	26 740,110	528 901,341	19,779	19,315	85	92	7 014	306,891	887,512	2,892	2,428
36	43	96 827	25 729,029	502 161,231	19,517	19,053	86	93	5 069	213,773	580,620	2,716	2,252
37	44	96 642	24 751,850	476 432,201	19,248	18,784	87	94	3 533	143,592	366,848	2,555	2,090
38	45	96 442	23 807,797	451 680,352	18,972	18,508	88	95	2 365	92,649	223,256	2,410	1,945
39	46	96 214	22 892,958	427 872,554	18,690	18,226	89	96	1 521	57,418	130,607	2,275	1,810
40	47	95 968	22 009,113	404 979,597	18,401	17,936	90	97	931	33,887	73,188	2,160	1,695
41	48	95 688	21 151,747	382 970,483	18,106	17,641	91	98	549	19,249	39,301	2,042	1,577
42	49	95 388	20 323,301	361 818,736	17,803	17,339	92	99	305	10,315	20,052	1,944	1,480
43	50	95 046	19 518,520	341 495,435	17,496	17,032	93	100	161	5,252	9,737	1,854	1,389
44	51	94 668	18 738,113	321 976,915	17,183	16,719							
45	52	94 248	17 980,798	303 238,802	16,865	16,400							
46	53	93 781	17 245,027	285 258,004	16,541	16,077							
47	54	93 268	16 530,749	268 012,977	16,213	15,749							
48	55	92 702	15 836,558	251 482,228	15,880	15,415							
49	56	92 077	15 161,286	235 645,670	15,543	15,078							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	8	99 593	99 593,274	2 502 934,422	25,132	24,667
1	9	99 201	95 615,190	2 403 341,148	25,136	24,671
2	10	99 161	92 122,708	2 307 725,957	25,051	24,586
3	11	99 136	88 769,912	2 215 603,249	24,959	24,495
4	12	99 114	85 542,622	2 126 833,337	24,863	24,398
5	13	99 093	82 433,134	2 041 290,715	24,763	24,299
6	14	99 073	79 437,923	1 958 857,581	24,659	24,195
7	15	99 052	76 550,285	1 879 419,658	24,551	24,087
8	16	99 031	73 768,048	1 802 869,373	24,440	23,975
9	17	99 008	71 084,870	1 729 101,325	24,324	23,860
10	18	98 984	68 499,163	1 658 016,455	24,205	23,740
11	19	98 953	66 002,310	1 589 517,292	24,083	23,618
12	20	98 924	63 598,087	1 523 514,982	23,955	23,491
13	21	98 891	61 278,933	1 459 916,895	23,824	23,360
14	22	98 859	59 045,122	1 398 637,962	23,688	23,223
15	23	98 822	56 889,654	1 339 592,841	23,547	23,083
16	24	98 782	54 811,108	1 282 703,187	23,402	22,938
17	25	98 736	52 805,587	1 227 892,079	23,253	22,789
18	26	98 681	50 868,516	1 175 086,492	23,100	22,636
19	27	98 610	48 994,690	1 124 217,976	22,946	22,481
20	28	98 536	47 188,040	1 075 223,286	22,786	22,322
21	29	98 458	45 446,489	1 028 035,246	22,621	22,156
22	30	98 376	43 767,611	982 588,757	22,450	21,986
23	31	98 296	42 151,299	938 821,146	22,273	21,808
24	32	98 215	40 594,255	896 669,846	22,089	21,624
25	33	98 126	39 091,337	856 075,592	21,899	21,435
26	34	98 036	37 643,831	816 984,355	21,703	21,239
27	35	97 937	36 246,726	779 340,523	21,501	21,037
28	36	97 836	34 900,603	743 093,797	21,292	20,827
29	37	97 731	33 602,945	708 193,195	21,075	20,611
30	38	97 615	32 349,808	674 590,250	20,853	20,389
31	39	97 498	31 143,238	642 240,442	20,622	20,158
32	40	97 364	29 976,310	611 097,204	20,386	19,922
33	41	97 224	28 851,200	581 120,894	20,142	19,678
34	42	97 071	27 764,887	552 269,694	19,891	19,427
35	43	96 908	26 716,309	524 504,807	19,632	19,168
36	44	96 728	25 702,684	497 788,498	19,367	18,903
37	45	96 534	24 724,050	472 085,813	19,094	18,630
38	46	96 320	23 777,580	447 361,763	18,814	18,350
39	47	96 078	22 860,699	423 584,184	18,529	18,065
40	48	95 811	21 973,126	400 723,485	18,237	17,773
41	49	95 519	21 114,342	378 750,359	17,938	17,474
42	50	95 192	20 281,483	357 636,017	17,634	17,169
43	51	94 837	19 475,521	337 354,534	17,322	16,858
44	52	94 436	18 692,264	317 879,013	17,006	16,541
45	53	93 990	17 931,434	299 186,749	16,685	16,221
46	54	93 499	17 193,180	281 255,315	16,359	15,894
47	55	92 971	16 477,996	264 062,136	16,025	15,561
48	56	92 374	15 780,446	247 584,140	15,689	15,225
49	57	91 730	15 104,094	231 803,694	15,347	14,883
50	58	91 036	14 448,015	216 699,599	14,999	14,534
51	59	90 272	13 808,885	202 251,584	14,646	14,182
52	60	89 420	13 184,248	188 442,700	14,293	13,829
53	61	88 493	12 575,950	175 258,452	13,936	13,472
54	62	87 499	11 985,217	162 682,502	13,574	13,109
55	63	86 409	11 408,061	150 697,285	13,210	12,745
56	64	85 246	10 847,737	139 289,224	12,840	12,376
57	65	84 002	10 303,154	128 441,487	12,466	12,002
58	66	82 676	9 773,922	118 138,333	12,087	11,623
59	67	81 248	9 257,923	108 364,410	11,705	11,241
60	68	79 738	8 757,431	99 106,488	11,317	10,852
61	69	78 143	8 272,066	90 349,057	10,922	10,458
62	70	76 450	7 800,315	82 076,991	10,522	10,058
63	71	74 656	7 342,038	74 276,676	10,117	9,652
64	72	72 763	6 897,215	66 934,638	9,705	9,240
65	73	70 699	6 459,319	60 037,423	9,295	8,830
66	74	68 502	6 032,380	53 578,104	8,882	8,417
67	75	66 115	5 611,766	47 545,724	8,473	8,008
68	76	63 540	5 198,220	41 933,958	8,067	7,603
69	77	60 797	4 794,034	36 735,729	7,663	7,198
70	78	57 873	4 398,563	31 941,695	7,262	6,797
71	79	54 742	4 010,191	27 543,133	6,868	6,404
72	80	51 439	3 632,058	23 532,942	6,479	6,015
73	81	47 955	3 263,629	19 900,884	6,098	5,633
74	82	44 309	2 906,535	16 637,255	5,724	5,260
75	83	40 448	2 557,347	13 730,720	5,369	4,905
76	84	36 492	2 223,841	11 173,374	5,024	4,560
77	85	32 444	1 905,700	8 949,533	4,696	4,232
78	86	28 368	1 606,056	7 043,833	4,386	3,921
79	87	24 338	1 328,087	5 437,777	4,094	3,630
80	88	20 425	1 074,282	4 109,690	3,826	3,361
81	89	16 761	849,708	3 035,409	3,572	3,108
82	90	13 341	651,871	2 185,701	3,353	2,889
83	91	10 370	488,392	1 533,830	3,141	2,676
84	92	7 778	353,068	1 045,438	2,961	2,497
85	93	5 687	248,819	692,370	2,783	2,318
86	94	4 018	169,468	443,551	2,617	2,153
87	95	2 735	111,157	274,083	2,466	2,001
88	96	1 785	69,945	162,926	2,329	1,865
89	97	1 118	42,219	92,981	2,202	1,738
90	98	666	24,237	50,761	2,094	1,630
91	99	381	13,375	26,524	1,983	1,519
92	100	206	6,953	13,150	1,891	1,427

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	9	99 586	99 585,940	2 497 791,287	25,082	24,617	50	59	90 634	14 384,266	212 692,484	14,786	14,322
1	10	99 194	95 608,594	2 398 205,347	25,084	24,619	51	60	89 846	13 743,679	198 308,218	14,429	13,965
2	11	99 154	92 116,170	2 302 596,753	24,997	24,532	52	61	88 939	13 113,193	184 564,539	14,075	13,610
3	12	99 128	88 762,813	2 210 480,583	24,903	24,439	53	62	87 985	12 503,680	171 451,346	13,712	13,248
4	13	99 106	85 535,736	2 121 717,770	24,805	24,341	54	63	86 947	11 909,619	158 947,666	13,346	12,882
5	14	99 084	82 425,750	2 036 182,034	24,703	24,239	55	64	85 827	11 331,195	147 038,048	12,976	12,512
6	15	99 063	79 429,313	1 953 756,284	24,597	24,133	56	65	84 619	10 768,013	135 706,853	12,603	12,138
7	16	99 040	76 540,656	1 874 326,971	24,488	24,024	57	66	83 346	10 222,688	124 938,840	12,222	11,757
8	17	99 016	73 756,697	1 797 786,315	24,375	23,910	58	67	81 969	9 690,314	114 716,152	11,838	11,374
9	18	98 992	71 073,463	1 724 029,618	24,257	23,793	59	68	80 506	9 173,376	105 025,839	11,449	10,985
10	19	98 962	68 483,517	1 652 956,155	24,137	23,672	60	69	78 963	8 672,391	95 852,462	11,053	10,588
11	20	98 932	65 988,678	1 584 472,638	24,011	23,547	61	70	77 313	8 184,204	87 180,071	10,652	10,188
12	21	98 902	63 583,969	1 518 483,960	23,882	23,417	62	71	75 562	7 709,794	78 995,867	10,246	9,782
13	22	98 870	61 266,108	1 454 899,991	23,747	23,283	63	72	73 695	7 247,494	71 286,073	9,836	9,372
14	23	98 837	59 031,876	1 393 633,884	23,608	23,144	64	73	71 710	6 797,359	64 038,579	9,421	8,957
15	24	98 800	56 876,650	1 334 602,008	23,465	23,000	65	74	69 549	6 354,283	57 241,221	9,008	8,544
16	25	98 762	54 800,028	1 277 725,358	23,316	22,852	66	75	67 227	5 920,132	50 886,938	8,596	8,131
17	26	98 715	52 793,971	1 222 925,330	23,164	22,700	67	76	64 697	5 491,349	44 966,806	8,189	7,724
18	27	98 658	50 856,477	1 170 131,358	23,009	22,544	68	77	61 984	5 070,910	39 475,457	7,785	7,320
19	28	98 584	48 981,528	1 119 274,881	22,851	22,387	69	78	59 111	4 661,125	34 404,547	7,381	6,917
20	29	98 511	47 176,107	1 070 293,353	22,687	22,223	70	79	56 017	4 257,509	29 743,422	6,986	6,522
21	30	98 430	45 433,449	1 023 117,246	22,519	22,055	71	80	52 755	3 864,597	25 485,913	6,595	6,130
22	31	98 349	43 755,224	977 683,796	22,344	21,880	72	81	49 291	3 480,363	21 621,316	6,212	5,748
23	32	98 267	42 138,569	933 928,573	22,163	21,699	73	82	45 673	3 108,312	18 140,953	5,836	5,372
24	33	98 180	40 579,865	891 790,004	21,976	21,512	74	83	41 866	2 746,256	15 032,641	5,474	5,009
25	34	98 090	39 076,944	851 210,139	21,783	21,319	75	84	37 911	2 396,971	12 286,386	5,126	4,661
26	35	97 994	37 627,841	812 133,195	21,583	21,119	76	85	33 853	2 063,022	9 889,414	4,794	4,329
27	36	97 898	36 232,309	774 505,354	21,376	20,912	77	86	29 759	1 747,994	7 826,392	4,477	4,013
28	37	97 790	34 884,017	738 273,045	21,164	20,699	78	87	25 695	1 454,729	6 078,398	4,178	3,714
29	38	97 679	33 585,011	703 389,028	20,944	20,479	79	88	21 702	1 184,266	4 623,669	3,904	3,440
30	39	97 560	32 331,798	669 804,017	20,717	20,252	80	89	17 927	942,911	3 439,403	3,648	3,183
31	40	97 433	31 122,635	637 472,218	20,483	20,018	81	90	14 389	729,460	2 496,492	3,422	2,958
32	41	97 295	29 955,140	606 349,583	20,242	19,777	82	91	11 276	550,964	1 767,032	3,207	2,743
33	42	97 146	28 828,076	576 394,443	19,994	19,530	83	92	8 527	401,611	1 216,067	3,028	2,564
34	43	96 985	27 740,174	547 566,367	19,739	19,275	84	93	6 306	286,258	814,456	2,845	2,381
35	44	96 809	26 688,954	519 826,193	19,477	19,013	85	94	4 508	197,251	528,198	2,678	2,213
36	45	96 619	25 673,816	493 137,240	19,208	18,743	86	95	3 111	131,188	330,947	2,523	2,058
37	46	96 411	24 692,669	467 463,424	18,931	18,467	87	96	2 065	83,918	199,759	2,380	1,916
38	47	96 184	23 744,074	442 770,754	18,648	18,183	88	97	1 313	51,430	115,842	2,252	1,788
39	48	95 921	22 823,319	419 026,680	18,360	17,895	89	98	800	30,197	64,411	2,133	1,669
40	49	95 642	21 934,268	396 203,361	18,063	17,599	90	99	463	16,840	34,215	2,032	1,567
41	50	95 322	21 070,896	374 269,093	17,762	17,298	91	100	257	9,016	17,375	1,927	1,463
42	51	94 982	20 236,803	353 198,197	17,453	16,989							
43	52	94 605	19 427,868	332 961,394	17,138	16,674							
44	53	94 177	18 640,947	313 533,526	16,820	16,355							
45	54	93 707	17 877,522	294 892,579	16,495	16,031							
46	55	93 201	17 138,312	277 015,057	16,163	15,699							
47	56	92 641	16 419,611	259 876,744	15,827	15,363							
48	57	92 025	15 720,919	243 457,133	15,486	15,022							
49	58	91 363	15 043,730	227 736,214	15,138	14,674							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$
0	10	99 579	99 579,070	2 492 321,354	25,029	24,564	50	60	90 206	14 316,343	208 461,420	14,561	14,097
1	11	99 187	95 601,809	2 392 742,283	25,028	24,564	51	61	89 361	13 669,609	194 145,077	14,203	13,738
2	12	99 146	92 108,804	2 297 140,475	24,939	24,475	52	62	88 427	13 037,835	180 475,468	13,842	13,378
3	13	99 120	88 755,668	2 205 031,671	24,844	24,379	53	63	87 430	12 424,811	167 437,633	13,476	13,012
4	14	99 097	85 528,074	2 116 276,003	24,744	24,279	54	64	86 361	11 829,373	155 012,822	13,104	12,640
5	15	99 073	82 416,816	2 030 747,929	24,640	24,176	55	65	85 196	11 247,918	143 183,449	12,730	12,265
6	16	99 050	79 419,322	1 948 331,113	24,532	24,068	56	66	83 958	10 683,916	131 935,531	12,349	11,885
7	17	99 024	76 528,878	1 868 911,791	24,421	23,957	57	67	82 633	10 135,240	121 251,615	11,963	11,499
8	18	99 000	73 744,861	1 792 382,913	24,305	23,841	58	68	81 220	9 601,819	111 116,375	11,572	11,108
9	19	98 969	71 057,229	1 718 638,052	24,187	23,722	59	69	79 724	9 084,297	101 514,556	11,175	10,710
10	20	98 941	68 469,372	1 647 580,823	24,063	23,599	60	70	78 125	8 580,277	92 430,259	10,772	10,308
11	21	98 910	65 974,029	1 579 111,450	23,935	23,471	61	71	76 416	8 089,229	83 849,982	10,366	9,901
12	22	98 881	63 570,661	1 513 137,421	23,802	23,338	62	72	74 589	7 610,514	75 760,753	9,955	9,490
13	23	98 848	61 252,364	1 449 566,760	23,665	23,201	63	73	72 628	7 142,566	68 150,240	9,541	9,077
14	24	98 815	59 018,382	1 388 314,396	23,523	23,059	64	74	70 544	6 686,826	61 007,673	9,124	8,659
15	25	98 780	56 865,153	1 329 296,014	23,376	22,912	65	75	68 255	6 236,045	54 320,848	8,711	8,246
16	26	98 740	54 787,973	1 272 430,861	23,225	22,760	66	76	65 785	5 793,098	48 084,802	8,300	7,836
17	27	98 691	52 781,477	1 217 642,887	23,070	22,605	67	77	63 112	5 356,850	42 291,704	7,895	7,430
18	28	98 631	50 842,815	1 164 861,411	22,911	22,447	68	78	60 265	4 930,325	36 934,854	7,491	7,027
19	29	98 559	48 969,142	1 114 018,596	22,749	22,285	69	79	57 216	4 511,651	32 004,528	7,094	6,629
20	30	98 483	47 162,572	1 065 049,454	22,583	22,118	70	80	53 984	4 102,936	27 492,877	6,701	6,236
21	31	98 402	45 420,590	1 017 886,882	22,410	21,946	71	81	50 551	3 703,190	23 389,942	6,316	5,852
22	32	98 319	43 742,009	972 466,292	22,232	21,767	72	82	46 945	3 314,731	19 686,752	5,939	5,475
23	33	98 232	42 123,632	928 724,284	22,048	21,583	73	83	43 154	2 936,906	16 372,021	5,575	5,110
24	34	98 145	40 565,028	886 600,652	21,856	21,392	74	84	39 240	2 574,034	13 435,114	5,219	4,755
25	35	98 048	39 060,345	846 035,624	21,660	21,195	75	85	35 170	2 223,633	10 861,080	4,884	4,420
26	36	97 955	37 612,875	806 975,280	21,455	20,990	76	86	31 052	1 892,297	8 637,448	4,565	4,100
27	37	97 852	36 215,091	769 362,405	21,244	20,780	77	87	26 955	1 583,294	6 745,151	4,260	3,796
28	38	97 738	34 865,400	733 147,314	21,028	20,564	78	88	22 913	1 297,194	5 161,857	3,979	3,515
29	39	97 624	33 566,314	698 281,914	20,803	20,339	79	89	19 049	1 039,446	3 864,663	3,718	3,254
30	40	97 496	32 310,409	664 715,600	20,573	20,108	80	90	15 390	809,473	2 825,217	3,490	3,026
31	41	97 365	31 100,656	632 405,191	20,334	19,870	81	91	12 162	616,543	2 015,744	3,269	2,805
32	42	97 217	29 931,131	601 304,535	20,090	19,625	82	92	9 272	453,066	1 399,201	3,088	2,624
33	43	97 059	28 802,416	571 373,404	19,838	19,373	83	93	6 914	325,616	946,136	2,906	2,441
34	44	96 886	27 711,770	542 570,988	19,579	19,115	84	94	4 999	226,930	620,520	2,734	2,270
35	45	96 700	26 658,978	514 859,218	19,313	18,848	85	95	3 490	152,695	393,590	2,578	2,113
36	46	96 496	25 641,230	488 200,240	19,040	18,575	86	96	2 348	99,040	240,894	2,432	1,968
37	47	96 275	24 657,874	462 559,010	18,759	18,295	87	97	1 518	61,704	141,855	2,299	1,835
38	48	96 027	23 705,250	437 901,136	18,473	18,008	88	98	939	36,784	80,150	2,179	1,714
39	49	95 752	22 782,958	414 195,886	18,180	17,716	89	99	556	20,981	43,366	2,067	1,603
40	50	95 445	21 889,135	391 412,928	17,882	17,417	90	100	312	11,352	22,385	1,972	1,508
41	51	95 112	21 024,477	369 523,793	17,576	17,111							
42	52	94 750	20 187,288	348 499,316	17,263	16,799							
43	53	94 345	19 374,532	328 312,029	16,946	16,481							
44	54	93 894	18 584,902	308 937,497	16,623	16,159							
45	55	93 408	17 820,471	290 352,595	16,293	15,829							
46	56	92 871	17 077,588	272 532,124	15,958	15,494							
47	57	92 292	16 357,673	255 454,535	15,617	15,152							
48	58	91 657	15 658,089	239 096,862	15,270	14,805							
49	59	90 960	14 977,352	223 438,773	14,918	14,454							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$
0	11	99 572	99 572,003	2 486 513,077	24,972	24,508	50	61	89 720	14 239,187	204 003,682	14,327	13,862
1	12	99 179	95 594,164	2 386 941,074	24,970	24,505	51	62	88 848	13 591,054	189 764,495	13,962	13,498
2	13	99 139	92 101,389	2 291 346,911	24,879	24,414	52	63	87 870	12 955,597	176 173,441	13,598	13,134
3	14	99 111	88 747,718	2 199 245,521	24,781	24,316	53	64	86 841	12 341,094	163 217,844	13,226	12,761
4	15	99 086	85 518,804	2 110 497,804	24,679	24,214	54	65	85 727	11 742,434	150 876,750	12,849	12,384
5	16	99 061	82 406,449	2 024 979,000	24,573	24,109	55	66	84 530	11 160,073	139 134,315	12,467	12,003
6	17	99 035	79 407,101	1 942 572,551	24,463	23,999	56	67	83 240	10 592,523	127 974,242	12,082	11,617
7	18	99 008	76 516,598	1 863 165,450	24,350	23,885	57	68	81 879	10 042,682	117 381,720	11,688	11,224
8	19	98 978	73 728,017	1 786 648,853	24,233	23,769	58	69	80 431	9 508,579	107 339,038	11,289	10,824
9	20	98 949	71 042,553	1 712 920,836	24,111	23,647	59	70	78 877	8 987,808	97 830,458	10,885	10,420
10	21	98 919	68 454,173	1 641 878,283	23,985	23,521	60	71	77 218	8 480,705	88 842,650	10,476	10,011
11	22	98 890	65 960,221	1 573 424,110	23,854	23,390	61	72	75 431	7 985,062	80 361,945	10,064	9,600
12	23	98 859	63 556,400	1 507 463,888	23,719	23,254	62	73	73 509	7 500,331	72 376,883	9,650	9,185
13	24	98 825	61 238,363	1 443 907,488	23,578	23,114	63	74	71 447	7 026,420	64 876,552	9,233	8,769
14	25	98 795	59 006,453	1 382 669,125	23,433	22,968	64	75	69 231	6 562,400	57 850,132	8,815	8,351
15	26	98 758	56 852,644	1 323 662,673	23,282	22,818	65	76	66 791	6 102,233	51 287,732	8,405	7,940
16	27	98 717	54 775,007	1 266 810,029	23,128	22,663	66	77	64 174	5 651,209	45 185,500	7,996	7,531
17	28	98 665	52 767,297	1 212 035,022	22,969	22,505	67	78	61 362	5 208,338	39 534,290	7,591	7,126
18	29	98 607	50 829,958	1 159 267,725	22,807	22,342	68	79	58 333	4 772,219	34 325,952	7,193	6,728
19	30	98 531	48 955,092	1 108 437,767	22,642	22,178	69	80	55 138	4 347,851	29 553,734	6,797	6,333
20	31	98 455	47 149,223	1 059 482,675	22,471	22,006	70	81	51 729	3 931,574	25 205,882	6,411	5,947
21	32	98 372	45 406,872	1 012 333,452	22,295	21,830	71	82	48 145	3 526,954	21 274,308	6,032	5,567
22	33	98 284	43 726,503	966 926,580	22,113	21,649	72	83	44 357	3 131,943	17 747,354	5,667	5,202
23	34	98 196	42 108,230	923 200,077	21,924	21,460	73	84	40 448	2 752,728	14 615,412	5,309	4,845
24	35	98 103	40 547,797	881 091,847	21,730	21,265	74	85	36 403	2 387,891	11 862,683	4,968	4,503
25	36	98 009	39 044,808	840 544,050	21,528	21,063	75	86	32 259	2 039,617	9 474,793	4,645	4,181
26	37	97 909	37 595,000	801 499,242	21,319	20,855	76	87	28 126	1 714,000	7 435,176	4,338	3,873
27	38	97 799	36 195,763	763 904,242	21,105	20,640	77	88	24 036	1 411,836	5 721,176	4,052	3,588
28	39	97 683	34 845,990	727 708,479	20,884	20,419	78	89	20 111	1 138,564	4 309,340	3,785	3,320
29	40	97 560	33 544,108	692 862,488	20,655	20,191	79	90	16 353	892,346	3 170,776	3,553	3,089
30	41	97 427	32 287,591	659 318,380	20,420	19,956	80	91	13 008	684,170	2 278,429	3,330	2,866
31	42	97 287	31 075,729	627 030,789	20,178	19,713	81	92	10 001	506,991	1 594,259	3,145	2,680
32	43	97 131	29 904,490	595 955,061	19,929	19,464	82	93	7 518	367,334	1 087,268	2,960	2,495
33	44	96 960	28 772,924	566 050,571	19,673	19,209	83	94	5 481	258,131	719,934	2,789	2,325
34	45	96 777	27 680,645	537 277,647	19,410	18,945	84	95	3 870	175,671	461,803	2,629	2,164
35	46	96 577	26 625,141	509 597,001	19,140	18,675	85	96	2 635	115,277	286,132	2,482	2,018
36	47	96 360	25 605,099	482 971,860	18,862	18,398	86	97	1 727	72,823	170,855	2,346	1,882
37	48	96 114	24 617,556	457 366,761	18,579	18,114	87	98	1 086	44,133	98,032	2,221	1,757
38	49	95 857	23 663,329	432 749,205	18,288	17,823	88	99	652	25,558	53,899	2,109	1,644
39	50	95 555	22 736,078	409 085,876	17,993	17,528	89	100	375	14,143	28,341	2,004	1,539
40	51	95 235	21 840,913	386 349,798	17,689	17,225							
41	52	94 880	20 973,034	364 508,885	17,380	16,915							
42	53	94 490	20 131,866	343 535,851	17,064	16,600							
43	54	94 062	19 316,281	323 403,984	16,743	16,278							
44	55	93 594	18 525,594	304 087,703	16,414	15,950							
45	56	93 077	17 757,330	285 562,109	16,081	15,617							
46	57	92 521	17 013,168	267 804,779	15,741	15,277							
47	58	91 923	16 292,299	250 791,611	15,393	14,929							
48	59	91 253	15 589,001	234 499,313	15,043	14,578							
49	60	90 531	14 906,629	218 910,311	14,685	14,221							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	12	99 564	99 564,040	2 480 355,713	24,912	24,448	50	62	89 205	14 157,359	199 322,263	14,079	13,615
1	13	99 171	95 586,468	2 380 791,673	24,907	24,443	51	63	88 287	13 505,326	185 164,904	13,711	13,246
2	14	99 130	92 093,139	2 285 205,204	24,814	24,350	52	64	87 278	12 868,304	171 659,578	13,340	12,875
3	15	99 100	88 738,098	2 193 112,065	24,714	24,250	53	65	86 202	12 250,395	158 791,274	12,962	12,498
4	16	99 074	85 508,046	2 104 373,967	24,610	24,146	54	66	85 057	11 650,727	146 540,879	12,578	12,113
5	17	99 046	82 393,769	2 018 865,921	24,503	24,038	55	67	83 807	11 064,607	134 890,152	12,191	11,727
6	18	99 019	79 394,358	1 936 472,152	24,391	23,926	56	68	82 480	10 495,789	123 825,545	11,798	11,333
7	19	98 986	76 499,120	1 857 077,793	24,276	23,811	57	69	81 084	9 945,161	113 329,756	11,395	10,931
8	20	98 957	73 712,789	1 780 578,673	24,156	23,691	58	70	79 577	9 407,584	103 384,595	10,989	10,525
9	21	98 927	71 026,782	1 706 865,884	24,031	23,567	59	71	77 962	8 883,507	93 977,011	10,579	10,114
10	22	98 899	68 439,846	1 635 839,102	23,902	23,437	60	72	76 224	8 371,497	85 093,504	10,165	9,700
11	23	98 868	65 945,425	1 567 399,255	23,768	23,304	61	73	74 339	7 869,457	76 722,007	9,749	9,285
12	24	98 836	63 541,873	1 501 453,831	23,629	23,165	62	74	72 314	7 378,366	68 852,550	9,332	8,867
13	25	98 806	61 225,984	1 437 911,958	23,485	23,021	63	75	70 118	6 895,675	61 474,184	8,915	8,450
14	26	98 773	58 993,472	1 376 685,974	23,336	22,872	64	76	67 746	6 421,585	54 578,508	8,499	8,035
15	27	98 735	56 839,189	1 317 692,502	23,183	22,718	65	77	65 155	5 952,772	48 156,924	8,090	7,625
16	28	98 691	54 760,292	1 260 853,313	23,025	22,561	66	78	62 394	5 494,537	42 204,152	7,681	7,217
17	29	98 640	52 753,954	1 206 093,021	22,863	22,398	67	79	59 395	5 041,316	36 709,615	7,282	6,817
18	30	98 578	50 815,374	1 153 339,068	22,697	22,232	68	80	56 215	4 598,959	31 668,299	6,886	6,422
19	31	98 503	48 941,236	1 102 523,694	22,528	22,063	69	81	52 835	4 166,261	27 069,340	6,497	6,033
20	32	98 425	47 134,983	1 053 582,458	22,352	21,888	70	82	49 267	3 744,469	22 903,080	6,117	5,652
21	33	98 337	45 390,777	1 006 447,475	22,173	21,709	71	83	45 491	3 332,462	19 158,610	5,749	5,285
22	34	98 248	43 710,515	961 056,698	21,987	21,522	72	84	41 575	2 935,534	15 826,148	5,391	4,927
23	35	98 154	42 090,343	917 346,183	21,795	21,330	73	85	37 523	2 553,663	12 890,615	5,048	4,583
24	36	98 064	40 531,668	875 255,840	21,594	21,130	74	86	33 390	2 190,282	10 336,952	4,719	4,255
25	37	97 962	39 026,254	834 724,171	21,389	20,924	75	87	29 220	1 847,439	8 146,670	4,410	3,945
26	38	97 856	37 574,937	795 697,918	21,176	20,712	76	88	25 080	1 528,388	6 299,232	4,121	3,657
27	39	97 745	36 175,612	758 122,981	20,957	20,492	77	89	21 097	1 239,187	4 770,843	3,850	3,386
28	40	97 619	34 822,938	721 947,369	20,732	20,268	78	90	17 265	977,438	3 531,657	3,613	3,149
29	41	97 491	33 520,418	687 124,431	20,499	20,034	79	91	13 822	754,215	2 554,219	3,387	2,922
30	42	97 349	32 261,713	653 604,013	20,259	19,795	80	92	10 697	562,602	1 800,003	3,199	2,735
31	43	97 200	31 048,069	621 342,300	20,012	19,548	81	93	8 108	411,055	1 237,401	3,010	2,546
32	44	97 031	29 873,869	590 294,231	19,760	19,295	82	94	5 960	291,203	826,346	2,838	2,373
33	45	96 851	28 740,608	560 420,362	19,499	19,035	83	95	4 243	199,824	535,143	2,678	2,214
34	46	96 654	27 645,512	531 679,754	19,232	18,768	84	96	2 922	132,622	335,319	2,528	2,064
35	47	96 441	26 587,624	504 034,242	18,957	18,493	85	97	1 937	84,762	202,697	2,391	1,927
36	48	96 203	25 563,232	477 446,619	18,677	18,213	86	98	1 235	52,085	117,935	2,264	1,800
37	49	95 948	24 574,022	451 883,387	18,389	17,924	87	99	754	30,664	65,849	2,147	1,683
38	50	95 660	23 614,638	427 309,366	18,095	17,631	88	100	440	17,229	35,185	2,042	1,578
39	51	95 344	22 685,991	403 694,728	17,795	17,330							
40	52	95 002	21 787,473	381 008,737	17,488	17,023							
41	53	94 619	20 915,455	359 221,264	17,175	16,710							
42	54	94 206	20 071,339	338 305,808	16,855	16,391							
43	55	93 761	19 254,639	318 234,470	16,528	16,063							
44	56	93 263	18 459,955	298 979,831	16,196	15,732							
45	57	92 726	17 690,346	280 519,876	15,857	15,393							
46	58	92 151	16 945,174	262 829,531	15,511	15,046							
47	59	91 517	16 220,412	245 884,356	15,159	14,695							
48	60	90 822	15 515,390	229 663,944	14,802	14,338							
49	61	90 043	14 826,292	214 148,555	14,444	13,979							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	13	99 556	99 556,026	2 473 839,311	24,849	24,384
1	14	99 162	95 577,906	2 374 283,286	24,841	24,377
2	15	99 119	92 083,157	2 278 705,380	24,746	24,282
3	16	99 088	88 726,936	2 186 622,222	24,644	24,180
4	17	99 059	85 494,889	2 097 895,286	24,538	24,074
5	18	99 030	82 380,547	2 012 400,397	24,428	23,964
6	19	98 996	79 376,224	1 930 019,850	24,315	23,850
7	20	98 965	76 483,320	1 850 643,627	24,197	23,732
8	21	98 935	73 696,425	1 774 160,306	24,074	23,609
9	22	98 906	71 011,917	1 700 463,881	23,946	23,482
10	23	98 876	68 424,493	1 629 451,964	23,814	23,349
11	24	98 845	65 930,351	1 561 027,471	23,677	23,212
12	25	98 817	63 529,028	1 495 097,120	23,534	23,070
13	26	98 784	61 212,516	1 431 568,091	23,387	22,922
14	27	98 749	58 979,511	1 370 355,576	23,234	22,770
15	28	98 708	56 823,919	1 311 376,065	23,078	22,613
16	29	98 666	54 746,444	1 254 552,146	22,916	22,451
17	30	98 612	52 738,818	1 199 805,702	22,750	22,286
18	31	98 550	50 800,992	1 147 066,884	22,580	22,115
19	32	98 473	48 926,454	1 096 265,893	22,406	21,942
20	33	98 390	47 118,275	1 047 339,438	22,228	21,763
21	34	98 301	45 374,180	1 000 221,164	22,044	21,579
22	35	98 206	43 691,948	954 846,983	21,854	21,390
23	36	98 115	42 073,602	911 155,035	21,656	21,192
24	37	98 017	40 512,407	869 081,434	21,452	20,988
25	38	97 910	39 005,426	828 569,027	21,242	20,778
26	39	97 802	37 554,018	789 563,601	21,025	20,560
27	40	97 680	36 151,680	752 009,583	20,802	20,337
28	41	97 550	34 798,345	715 857,902	20,572	20,107
29	42	97 413	33 493,552	681 059,557	20,334	19,870
30	43	97 262	32 232,997	647 566,005	20,090	19,626
31	44	97 100	31 016,277	615 333,008	19,839	19,375
32	45	96 922	29 840,316	584 316,731	19,581	19,117
33	46	96 728	28 704,129	554 476,415	19,317	18,853
34	47	96 518	27 606,556	525 772,285	19,045	18,581
35	48	96 284	26 544,150	498 165,729	18,767	18,303
36	49	96 033	25 518,025	471 621,579	18,482	18,017
37	50	95 751	24 523,457	446 103,554	18,191	17,726
38	51	95 449	23 562,615	421 580,098	17,892	17,427
39	52	95 111	22 630,483	398 017,483	17,588	17,123
40	53	94 741	21 727,658	375 387,000	17,277	16,812
41	54	94 335	20 852,572	353 659,341	16,960	16,496
42	55	93 905	20 007,287	332 806,769	16,634	16,170
43	56	93 429	19 186,416	312 799,483	16,303	15,839
44	57	92 911	18 390,320	293 613,066	15,966	15,501
45	58	92 355	17 619,645	275 222,746	15,620	15,156
46	59	91 744	16 870,407	257 603,101	15,270	14,805
47	60	91 085	16 143,819	240 732,695	14,912	14,447
48	61	90 333	15 431,772	224 588,876	14,554	14,089
49	62	89 525	14 741,090	209 157,104	14,189	13,724
50	63	88 642	14 068,059	194 416,015	13,820	13,355
51	64	87 692	13 414,329	180 347,955	13,444	12,980
52	65	86 636	12 773,730	166 933,626	13,069	12,604
53	66	85 529	12 154,721	154 159,896	12,683	12,219
54	67	84 330	11 551,064	142 005,176	12,294	11,829
55	68	83 042	10 963,561	130 454,112	11,899	11,434
56	69	81 679	10 393,868	119 490,550	11,496	11,032
57	70	80 223	9 839,529	109 096,682	11,088	10,623
58	71	78 654	9 298,411	99 257,154	10,675	10,210
59	72	76 958	8 769,113	89 958,743	10,259	9,794
60	73	75 120	8 250,297	81 189,630	9,841	9,376
61	74	73 131	7 741,490	72 939,333	9,422	8,957
62	75	70 968	7 241,073	65 197,843	9,004	8,539
63	76	68 613	6 747,708	57 956,770	8,589	8,125
64	77	66 086	6 264,302	51 209,061	8,175	7,710
65	78	63 348	5 787,739	44 944,759	7,766	7,301
66	79	60 394	5 318,336	39 157,020	7,363	6,898
67	80	57 238	4 858,286	33 838,684	6,965	6,501
68	81	53 867	4 406,881	28 980,398	6,576	6,112
69	82	50 321	3 967,987	24 573,517	6,193	5,729
70	83	46 550	3 537,983	20 605,530	5,824	5,360
71	84	42 638	3 123,478	17 067,547	5,464	5,000
72	85	38 568	2 723,248	13 944,069	5,120	4,656
73	86	34 418	2 342,335	11 220,820	4,790	4,326
74	87	30 244	1 983,908	8 878,485	4,475	4,011
75	88	26 056	1 647,376	6 894,577	4,185	3,721
76	89	22 013	1 341,486	5 247,201	3,911	3,447
77	90	18 111	1 063,821	3 905,715	3,671	3,207
78	91	14 592	826,135	2 841,894	3,440	2,976
79	92	11 366	620,201	2 015,759	3,250	2,786
80	93	8 673	456,143	1 395,558	3,059	2,595
81	94	6 428	325,863	939,415	2,883	2,418
82	95	4 613	225,425	613,552	2,722	2,257
83	96	3 203	150,856	388,126	2,573	2,108
84	97	2 148	97,516	237,270	2,433	1,969
85	98	1 386	60,625	139,754	2,305	1,841
86	99	858	36,189	79,129	2,187	1,722
87	100	509	20,670	42,940	2,077	1,613

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	14	99 547	99 547,108	2 466 953,065	24,782	24,317	50	64	88 045	13 973,271	189 287,062	13,546	13,082
1	15	99 151	95 567,547	2 367 405,958	24,772	24,308	51	65	87 048	13 315,742	175 313,791	13,166	12,701
2	16	99 106	92 071,574	2 271 838,411	24,675	24,210	52	66	85 960	12 673,969	161 998,049	12,782	12,318
3	17	99 072	88 713,283	2 179 766,836	24,571	24,106	53	67	84 798	12 050,746	149 324,081	12,391	11,927
4	18	99 043	85 481,169	2 091 053,553	24,462	23,998	54	68	83 559	11 445,576	137 273,335	11,994	11,529
5	19	99 007	82 361,730	2 005 572,384	24,351	23,886	55	69	82 236	10 857,098	125 827,758	11,589	11,125
6	20	98 976	79 359,830	1 923 210,653	24,234	23,770	56	70	80 812	10 283,469	114 970,660	11,180	10,716
7	21	98 943	76 466,342	1 843 850,824	24,113	23,649	57	71	79 292	9 725,344	104 687,191	10,764	10,300
8	22	98 915	73 681,002	1 767 384,482	23,987	23,523	58	72	77 641	9 178,674	94 961,847	10,346	9,881
9	23	98 884	70 995,987	1 693 703,481	23,856	23,392	59	73	75 844	8 642,156	85 783,174	9,926	9,462
10	24	98 854	68 408,852	1 622 707,494	23,721	23,256	60	74	73 899	8 116,138	77 141,018	9,505	9,040
11	25	98 825	65 917,024	1 554 298,641	23,580	23,115	61	75	71 770	7 597,440	69 024,880	9,085	8,621
12	26	98 795	63 515,053	1 488 381,617	23,434	22,969	62	76	69 446	7 085,695	61 427,440	8,669	8,205
13	27	98 760	61 198,029	1 424 866,564	23,283	22,818	63	77	66 933	6 582,438	54 341,746	8,256	7,791
14	28	98 723	58 963,666	1 363 668,535	23,127	22,663	64	78	64 254	6 090,632	47 759,308	7,841	7,377
15	29	98 683	56 809,550	1 304 704,869	22,966	22,502	65	79	61 317	5 602,136	41 668,675	7,438	6,974
16	30	98 637	54 730,737	1 247 895,320	22,801	22,336	66	80	58 201	5 125,249	36 066,539	7,037	6,573
17	31	98 584	52 723,891	1 193 164,583	22,630	22,166	67	81	54 848	4 655,377	30 941,290	6,646	6,182
18	32	98 521	50 785,648	1 140 440,692	22,456	21,992	68	82	51 303	4 197,156	26 285,913	6,263	5,798
19	33	98 438	48 909,111	1 089 655,044	22,279	21,815	69	83	47 546	3 749,175	22 088,757	5,892	5,427
20	34	98 354	47 101,047	1 040 745,933	22,096	21,632	70	84	43 631	3 316,111	18 339,582	5,530	5,066
21	35	98 259	45 354,906	993 644,886	21,908	21,444	71	85	39 554	2 897,602	15 023,471	5,185	4,720
22	36	98 167	43 674,569	948 289,980	21,713	21,248	72	86	35 377	2 497,887	12 125,870	4,854	4,390
23	37	98 069	42 053,608	904 615,410	21,511	21,047	73	87	31 175	2 121,634	9 627,983	4,538	4,074
24	38	97 965	40 490,786	862 561,803	21,303	20,838	74	88	26 969	1 769,067	7 506,348	4,243	3,779
25	39	97 856	38 983,711	822 071,016	21,088	20,623	75	89	22 869	1 445,924	5 737,281	3,968	3,503
26	40	97 737	37 529,174	783 087,305	20,866	20,402	76	90	18 898	1 151,643	4 291,358	3,726	3,262
27	41	97 611	36 126,149	745 558,131	20,638	20,173	77	91	15 308	899,146	3 139,715	3,492	3,027
28	42	97 471	34 770,454	709 431,982	20,403	19,939	78	92	11 999	679,342	2 240,569	3,298	2,834
29	43	97 326	33 463,740	674 661,528	20,161	19,697	79	93	9 215	502,843	1 561,227	3,105	2,640
30	44	97 163	32 199,992	641 197,788	19,913	19,449	80	94	6 875	361,606	1 058,384	2,927	2,462
31	45	96 991	30 981,441	608 997,796	19,657	19,192	81	95	4 976	252,256	696,778	2,762	2,298
32	46	96 799	29 802,442	578 016,354	19,395	18,931	82	96	3 483	170,184	444,521	2,612	2,148
33	47	96 592	28 663,682	548 213,912	19,126	18,661	83	97	2 355	110,924	274,337	2,473	2,009
34	48	96 360	27 561,416	519 550,230	18,851	18,386	84	98	1 536	69,746	163,414	2,343	1,879
35	49	96 113	26 497,208	491 988,814	18,568	18,103	85	99	963	42,122	93,667	2,224	1,759
36	50	95 835	25 465,518	465 491,606	18,279	17,815	86	100	578	24,395	51,545	2,113	1,648
37	51	95 540	24 469,432	440 026,088	17,983	17,518							
38	52	95 215	23 504,962	415 556,656	17,680	17,215							
39	53	94 850	22 568,354	392 051,694	17,372	16,907							
40	54	94 456	21 662,333	369 483,340	17,056	16,592							
41	55	94 034	20 786,027	347 821,007	16,733	16,269							
42	56	93 572	19 936,398	327 034,980	16,404	15,939							
43	57	93 077	19 114,041	307 098,583	16,067	15,602							
44	58	92 539	18 316,822	287 984,541	15,722	15,258							
45	59	91 948	17 541,902	269 667,720	15,373	14,908							
46	60	91 311	16 790,744	252 125,818	15,016	14,551							
47	61	90 594	16 056,814	235 335,073	14,656	14,192							
48	62	89 814	15 343,090	219 278,259	14,292	13,827							
49	63	88 961	14 648,108	203 935,170	13,922	13,458							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	15	99 536	99 536,318	2 459 686,963	24,711	24,247	50	65	87 398	13 870,575	183 935,883	13,261	12,796
1	16	99 139	95 555,525	2 360 150,645	24,699	24,235	51	66	86 368	13 211,748	170 065,308	12,872	12,408
2	17	99 091	92 057,407	2 264 595,120	24,600	24,135	52	67	85 224	12 565,552	156 853,560	12,483	12,018
3	18	99 057	88 699,047	2 172 537,713	24,493	24,029	53	68	84 023	11 940,695	144 288,008	12,084	11,619
4	19	99 020	85 461,644	2 083 838,666	24,383	23,919	54	69	82 748	11 334,432	132 347,313	11,677	11,212
5	20	98 987	82 344,720	1 998 377,021	24,268	23,804	55	70	81 362	10 741,779	121 012,880	11,266	10,801
6	21	98 954	79 342,212	1 916 032,302	24,149	23,685	56	71	79 874	10 164,132	110 271,101	10,849	10,385
7	22	98 923	76 450,338	1 836 690,089	24,025	23,560	57	72	78 271	9 600,108	100 106,969	10,428	9,963
8	23	98 892	73 664,473	1 760 239,751	23,895	23,431	58	73	76 517	9 045,788	90 506,860	10,005	9,541
9	24	98 862	70 979,759	1 686 575,279	23,761	23,297	59	74	74 611	8 501,624	81 461,073	9,582	9,117
10	25	98 834	68 395,025	1 615 595,520	23,622	23,157	60	75	72 523	7 965,116	72 959,449	9,160	8,695
11	26	98 803	65 902,523	1 547 200,495	23,477	23,013	61	76	70 230	7 434,414	64 994,332	8,742	8,278
12	27	98 771	63 500,021	1 481 297,972	23,328	22,863	62	77	67 745	6 912,146	57 559,918	8,327	7,863
13	28	98 734	61 181,588	1 417 797,951	23,174	22,709	63	78	65 077	6 399,948	50 647,772	7,914	7,449
14	29	98 698	58 948,756	1 356 616,363	23,013	22,549	64	79	62 194	5 895,316	44 247,823	7,506	7,041
15	30	98 655	56 793,250	1 297 667,607	22,849	22,385	65	80	59 091	5 398,745	38 352,507	7,104	6,640
16	31	98 609	54 715,246	1 240 874,357	22,679	22,214	66	81	55 770	4 911,190	32 953,762	6,710	6,246
17	32	98 554	52 707,967	1 186 159,111	22,504	22,040	67	82	52 237	4 433,826	28 042,571	6,325	5,860
18	33	98 486	50 767,646	1 133 451,144	22,326	21,862	68	83	48 474	3 965,706	23 608,745	5,953	5,489
19	34	98 402	48 891,228	1 082 683,498	22,145	21,680	69	84	44 564	3 514,058	19 643,039	5,590	5,125
20	35	98 312	47 081,039	1 033 792,270	21,958	21,493	70	85	40 476	3 076,304	16 128,980	5,243	4,779
21	36	98 220	45 336,866	986 711,230	21,764	21,300	71	86	36 281	2 657,812	13 052,677	4,911	4,447
22	37	98 121	43 653,815	941 374,364	21,565	21,100	72	87	32 043	2 262,529	10 394,865	4,594	4,130
23	38	98 016	42 031,164	897 720,550	21,358	20,894	73	88	27 799	1 891,879	8 132,336	4,299	3,834
24	39	97 910	40 468,245	855 689,385	21,145	20,680	74	89	23 671	1 552,733	6 240,457	4,019	3,555
25	40	97 791	38 957,140	815 221,141	20,926	20,461	75	90	19 633	1 241,301	4 687,724	3,776	3,312
26	41	97 668	37 502,670	776 263,219	20,699	20,234	76	91	15 973	973,374	3 446,423	3,541	3,076
27	42	97 533	36 097,194	738 760,549	20,466	20,001	77	92	12 588	739,380	2 473,049	3,345	2,880
28	43	97 385	34 739,506	702 663,355	20,227	19,762	78	93	9 729	550,793	1 733,669	3,148	2,683
29	44	97 226	33 429,475	667 923,849	19,980	19,516	79	94	7 305	398,628	1 182,877	2,967	2,503
30	45	97 053	32 163,827	634 494,374	19,727	19,263	80	95	5 322	279,926	784,249	2,802	2,337
31	46	96 868	30 942,119	602 330,548	19,466	19,002	81	96	3 757	190,440	504,323	2,648	2,184
32	47	96 663	29 760,447	571 388,429	19,200	18,735	82	97	2 561	125,135	313,883	2,508	2,044
33	48	96 434	28 616,814	541 627,982	18,927	18,462	83	98	1 685	79,336	188,748	2,379	1,915
34	49	96 190	27 512,676	513 011,169	18,646	18,182	84	99	1 068	48,460	109,412	2,258	1,793
35	50	95 916	26 442,686	485 498,493	18,360	17,896	85	100	649	28,395	60,952	2,147	1,682
36	51	95 624	25 409,417	459 055,806	18,066	17,602							
37	52	95 306	24 409,560	433 646,389	17,765	17,301							
38	53	94 954	23 440,432	409 236,829	17,459	16,994							
39	54	94 565	22 500,501	385 796,397	17,146	16,682							
40	55	94 155	21 593,204	363 295,896	16,825	16,360							
41	56	93 701	20 712,379	341 702,692	16,498	16,033							
42	57	93 219	19 861,193	320 990,313	16,162	15,697							
43	58	92 705	19 037,651	301 129,120	15,818	15,353							
44	59	92 131	18 236,002	282 091,469	15,469	15,005							
45	60	91 514	17 459,069	263 855,467	15,113	14,648							
46	61	90 819	16 700,253	246 396,398	14,754	14,290							
47	62	90 074	15 964,540	229 696,145	14,388	13,923							
48	63	89 247	15 246,311	213 731,605	14,019	13,554							
49	64	88 361	14 549,411	198 485,294	13,642	13,178							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	16	99 524	99 523,797	2 452 031,866	24,638	24,173	50	66	86 715	13 762,248	178 365,741	12,961	12,496
1	17	99 124	95 540,822	2 352 508,069	24,623	24,159	51	67	85 629	13 098,731	164 603,494	12,566	12,102
2	18	99 075	92 042,634	2 256 967,247	24,521	24,056	52	68	84 446	12 450,800	151 504,763	12,168	11,704
3	19	99 034	88 678,787	2 164 924,613	24,413	23,949	53	69	83 207	11 824,743	139 053,963	11,760	11,295
4	20	99 000	85 443,993	2 076 245,825	24,299	23,835	54	70	81 869	11 214,044	127 229,220	11,346	10,881
5	21	98 965	82 326,440	1 990 801,832	24,182	23,717	55	71	80 418	10 617,124	116 015,176	10,927	10,463
6	22	98 933	79 325,607	1 908 475,392	24,059	23,594	56	72	78 845	10 033,247	105 398,052	10,505	10,040
7	23	98 901	76 433,188	1 829 149,785	23,931	23,467	57	73	77 137	9 461,121	95 364,805	10,080	9,615
8	24	98 870	73 647,634	1 752 716,597	23,799	23,334	58	74	75 272	8 898,692	85 903,684	9,654	9,189
9	25	98 842	70 965,411	1 679 068,963	23,660	23,196	59	75	73 222	8 343,430	77 004,992	9,229	8,765
10	26	98 812	68 379,979	1 608 103,552	23,517	23,053	60	76	70 967	7 794,201	68 661,562	8,809	8,345
11	27	98 780	65 886,926	1 539 723,573	23,369	22,905	61	77	68 510	7 252,325	60 867,361	8,393	7,928
12	28	98 745	63 482,962	1 473 836,646	23,216	22,752	62	78	65 867	6 720,516	53 615,036	7,978	7,513
13	29	98 709	61 166,117	1 410 353,684	23,058	22,593	63	79	62 990	6 194,713	46 894,521	7,570	7,106
14	30	98 670	58 931,842	1 349 187,567	22,894	22,430	64	80	59 936	5 681,282	40 699,807	7,164	6,699
15	31	98 627	56 777,176	1 290 255,725	22,725	22,260	65	81	56 623	5 173,264	35 018,526	6,769	6,305
16	32	98 580	54 698,721	1 233 478,549	22,550	22,086	66	82	53 116	4 677,465	29 845,262	6,381	5,916
17	33	98 519	52 689,283	1 178 779,829	22,372	21,908	67	83	49 357	4 189,326	25 167,797	6,008	5,543
18	34	98 450	50 749,084	1 126 090,545	22,189	21,725	68	84	45 434	3 717,011	20 978,471	5,644	5,179
19	35	98 360	48 870,461	1 075 341,462	22,004	21,539	69	85	41 342	3 259,937	17 261,461	5,295	4,831
20	36	98 273	47 062,313	1 026 471,001	21,811	21,346	70	86	37 126	2 821,725	14 001,524	4,962	4,498
21	37	98 174	45 315,321	979 408,689	21,613	21,149	71	87	32 863	2 407,386	11 179,799	4,644	4,180
22	38	98 068	43 630,517	934 093,367	21,409	20,945	72	88	28 573	2 017,516	8 772,413	4,348	3,884
23	39	97 962	42 007,765	890 462,850	21,198	20,733	73	89	24 399	1 660,527	6 754,897	4,068	3,604
24	40	97 846	40 441,473	848 455,085	20,980	20,515	74	90	20 321	1 332,995	5 094,370	3,822	3,357
25	41	97 722	38 930,408	808 013,612	20,755	20,291	75	91	16 594	1 049,153	3 761,375	3,585	3,121
26	42	97 590	37 472,612	769 083,204	20,524	20,059	76	92	13 134	800,418	2 712,222	3,389	2,924
27	43	97 446	36 065,065	731 610,592	20,286	19,821	77	93	10 206	599,470	1 911,804	3,189	2,725
28	44	97 285	34 703,934	695 545,527	20,042	19,578	78	94	7 713	436,639	1 312,334	3,006	2,541
29	45	97 117	33 391,928	660 841,593	19,790	19,326	79	95	5 655	308,585	875,694	2,838	2,373
30	46	96 930	32 123,003	627 449,664	19,533	19,068	80	96	4 018	211,329	567,110	2,684	2,219
31	47	96 732	30 898,518	595 326,661	19,267	18,803	81	97	2 762	140,030	355,781	2,541	2,076
32	48	96 505	29 711,785	564 428,143	18,997	18,532	82	98	1 832	89,500	215,752	2,411	1,946
33	49	96 263	28 566,207	534 716,358	18,718	18,254	83	99	1 170	55,123	126,251	2,290	1,826
34	50	95 992	27 456,065	506 150,151	18,435	17,970	84	100	720	32,667	71,128	2,177	1,713
35	51	95 704	26 384,433	478 694,087	18,143	17,679							
36	52	95 390	25 347,246	452 309,654	17,845	17,380							
37	53	95 044	24 342,547	426 962,408	17,540	17,075							
38	54	94 669	23 369,958	402 619,862	17,228	16,764							
39	55	94 263	22 428,697	379 249,904	16,909	16,445							
40	56	93 821	21 516,696	356 821,207	16,583	16,119							
41	57	93 347	20 634,247	335 304,511	16,250	15,785							
42	58	92 847	19 781,817	314 670,264	15,907	15,443							
43	59	92 296	18 953,651	294 888,447	15,558	15,094							
44	60	91 696	18 149,891	275 934,796	15,203	14,739							
45	61	91 020	17 364,975	257 784,905	14,845	14,381							
46	62	90 297	16 604,282	240 419,929	14,479	14,015							
47	63	89 505	15 863,842	223 815,648	14,109	13,644							
48	64	88 646	15 143,583	207 951,806	13,732	13,268							
49	65	87 712	14 442,481	192 808,223	13,350	12,886							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	17	99 508	99 508,483	2 443 978,319	24,561	24,096	50	67	85 973	13 644,522	172 577,849	12,648	12,184
1	18	99 108	95 525,490	2 344 469,836	24,543	24,078	51	68	84 847	12 979,109	158 933,327	12,245	11,781
2	19	99 053	92 021,611	2 248 944,345	24,439	23,975	52	69	83 626	12 329,895	145 954,217	11,837	11,373
3	20	99 013	88 660,472	2 156 922,735	24,328	23,863	53	70	82 323	11 699,146	133 624,323	11,422	10,957
4	21	98 978	85 425,025	2 068 262,263	24,211	23,747	54	71	80 919	11 083,908	121 925,176	11,000	10,536
5	22	98 944	82 309,210	1 982 837,237	24,090	23,626	55	72	79 382	10 480,405	110 841,269	10,576	10,112
6	23	98 911	79 307,812	1 900 528,028	23,964	23,500	56	73	77 704	9 887,988	100 360,863	10,150	9,685
7	24	98 878	76 415,717	1 821 220,216	23,833	23,369	57	74	75 883	9 307,272	90 472,875	9,721	9,256
8	25	98 850	73 632,747	1 744 804,499	23,696	23,232	58	75	73 872	8 733,109	81 165,603	9,294	8,830
9	26	98 820	70 949,800	1 671 171,752	23,554	23,090	59	76	71 651	8 164,397	72 432,494	8,872	8,407
10	27	98 789	68 363,796	1 600 221,951	23,407	22,943	60	77	69 229	7 603,299	64 268,097	8,453	7,988
11	28	98 753	65 869,226	1 531 858,156	23,256	22,792	61	78	66 610	7 051,263	56 664,798	8,036	7,572
12	29	98 720	63 466,909	1 465 988,929	23,098	22,634	62	79	63 754	6 505,001	49 613,534	7,627	7,163
13	30	98 681	61 148,567	1 402 522,020	22,936	22,472	63	80	60 703	5 969,808	43 108,534	7,221	6,757
14	31	98 642	58 915,162	1 341 373,453	22,768	22,303	64	81	57 432	5 444,000	37 138,725	6,822	6,358
15	32	98 597	56 760,027	1 282 458,291	22,594	22,130	65	82	53 928	4 927,066	31 694,726	6,433	5,968
16	33	98 545	54 679,331	1 225 698,263	22,416	21,952	66	83	50 187	4 419,529	26 767,659	6,057	5,592
17	34	98 483	52 670,018	1 171 018,932	22,233	21,769	67	84	46 262	3 926,607	22 348,130	5,691	5,227
18	35	98 408	50 727,527	1 118 348,913	22,046	21,582	68	85	42 149	3 448,212	18 421,523	5,342	4,878
19	36	98 321	48 851,022	1 067 621,387	21,855	21,390	69	86	37 920	2 990,162	14 973,311	5,008	4,543
20	37	98 227	47 039,948	1 018 770,365	21,658	21,193	70	87	33 628	2 555,855	11 983,149	4,689	4,224
21	38	98 121	45 291,137	971 730,417	21,455	20,991	71	88	29 304	2 146,686	9 427,294	4,392	3,927
22	39	98 014	43 606,228	926 439,279	21,246	20,781	72	89	25 079	1 770,800	7 280,608	4,111	3,647
23	40	97 897	41 979,975	882 833,052	21,030	20,565	73	90	20 946	1 425,534	5 509,808	3,865	3,401
24	41	97 777	40 412,912	840 853,077	20,807	20,342	74	91	17 176	1 126,653	4 084,274	3,625	3,161
25	42	97 644	38 899,206	800 440,165	20,577	20,113	75	92	13 645	862,733	2 957,621	3,428	2,964
26	43	97 503	37 439,258	761 540,959	20,341	19,876	76	93	10 649	648,958	2 094,889	3,228	2,764
27	44	97 347	36 028,136	724 101,701	20,098	19,634	77	94	8 091	475,228	1 445,930	3,043	2,578
28	45	97 176	34 664,956	688 073,565	19,849	19,385	78	95	5 970	338,010	970,702	2,872	2,407
29	46	96 994	33 349,546	653 408,609	19,593	19,128	79	96	4 269	232,965	632,692	2,716	2,251
30	47	96 794	32 077,738	620 059,062	19,330	18,865	80	97	2 954	155,389	399,727	2,572	2,108
31	48	96 574	30 847,995	587 981,324	19,061	18,596	81	98	1 976	100,153	244,338	2,440	1,975
32	49	96 334	29 659,242	557 133,329	18,784	18,320	82	99	1 273	62,186	144,185	2,319	1,854
33	50	96 065	28 507,428	527 474,087	18,503	18,039	83	100	789	37,158	81,999	2,207	1,742
34	51	95 780	27 395,579	498 966,659	18,213	17,749							
35	52	95 470	26 319,876	471 571,080	17,917	17,452							
36	53	95 128	25 277,658	445 251,205	17,614	17,150							
37	54	94 759	24 269,360	419 973,547	17,305	16,840							
38	55	94 366	23 295,379	395 704,187	16,986	16,522							
39	56	93 929	22 349,228	372 408,808	16,663	16,199							
40	57	93 467	21 435,530	350 059,579	16,331	15,866							
41	58	92 974	20 551,781	328 624,049	15,990	15,526							
42	59	92 437	19 694,533	308 072,268	15,643	15,178							
43	60	91 860	18 864,151	288 377,735	15,287	14,823							
44	61	91 202	18 052,075	269 513,583	14,930	14,465							
45	62	90 497	17 265,184	251 461,508	14,565	14,100							
46	63	89 727	16 499,548	234 196,324	14,194	13,730							
47	64	88 902	15 756,953	217 696,777	13,816	13,351							
48	65	87 994	15 032,287	201 939,823	13,434	12,969							
49	66	87 027	14 329,687	186 907,536	13,043	12,579							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	18	99 493	99 492,515	2 435 517,733	24,479	24,015	50	68	85 188	13 519,916	166 577,502	12,321	11,856
1	19	99 085	95 503,671	2 336 025,218	24,460	23,996	51	69	84 023	12 853,074	153 057,586	11,908	11,444
2	20	99 032	92 002,605	2 240 521,547	24,353	23,888	52	70	82 738	12 198,933	140 204,512	11,493	11,029
3	21	98 992	88 640,790	2 148 518,942	24,238	23,774	53	71	81 368	11 563,381	128 005,580	11,070	10,605
4	22	98 957	85 407,147	2 059 878,152	24,118	23,654	54	72	79 877	10 941,178	116 442,199	10,643	10,178
5	23	98 922	82 290,745	1 974 471,005	23,994	23,529	55	73	78 233	10 328,673	105 501,021	10,214	9,750
6	24	98 888	79 289,684	1 892 180,260	23,864	23,400	56	74	76 440	9 727,198	95 172,348	9,784	9,320
7	25	98 858	76 400,270	1 812 890,577	23,729	23,264	57	75	74 471	9 134,086	85 445,150	9,355	8,890
8	26	98 828	73 616,550	1 736 490,306	23,588	23,124	58	76	72 287	8 545,715	76 311,064	8,930	8,465
9	27	98 796	70 933,009	1 662 873,757	23,443	22,978	59	77	69 896	7 964,428	67 765,349	8,509	8,044
10	28	98 762	68 345,430	1 591 940,748	23,293	22,828	60	78	67 310	7 392,508	59 800,921	8,089	7,625
11	29	98 728	65 852,570	1 523 595,318	23,136	22,672	61	79	64 474	6 825,142	52 408,413	7,679	7,214
12	30	98 692	63 448,699	1 457 742,748	22,975	22,511	62	80	61 440	6 268,830	45 583,271	7,271	6,807
13	31	98 653	61 131,260	1 394 294,049	22,808	22,344	63	81	58 168	5 720,476	39 314,441	6,873	6,408
14	32	98 612	58 897,369	1 333 162,789	22,635	22,171	64	82	54 699	5 184,918	33 593,965	6,479	6,015
15	33	98 562	56 739,908	1 274 265,420	22,458	21,994	65	83	50 954	4 655,367	28 409,047	6,102	5,638
16	34	98 509	54 659,339	1 217 525,512	22,275	21,810	66	84	47 040	4 142,374	23 753,681	5,734	5,270
17	35	98 441	52 647,645	1 162 866,174	22,088	21,623	67	85	42 916	3 642,651	19 611,307	5,384	4,919
18	36	98 369	50 707,350	1 110 218,528	21,895	21,430	68	86	38 661	3 162,857	15 968,656	5,049	4,584
19	37	98 275	48 827,807	1 059 511,179	21,699	21,235	69	87	34 348	2 708,421	12 805,799	4,728	4,264
20	38	98 174	47 014,843	1 010 683,371	21,497	21,033	70	88	29 987	2 279,077	10 097,378	4,430	3,966
21	39	98 067	45 265,923	963 668,528	21,289	20,825	71	89	25 720	1 884,174	7 818,301	4,149	3,685
22	40	97 949	43 577,380	918 402,605	21,075	20,611	72	90	21 530	1 520,202	5 934,127	3,904	3,439
23	41	97 828	41 950,327	874 825,225	20,854	20,389	73	91	17 704	1 204,868	4 413,925	3,663	3,199
24	42	97 698	40 380,521	832 874,898	20,626	20,161	74	92	14 124	926,462	3 209,058	3,464	2,999
25	43	97 557	38 864,582	792 494,376	20,391	19,927	75	93	11 063	699,481	2 282,596	3,263	2,799
26	44	97 403	37 400,923	753 629,794	20,150	19,686	76	94	8 442	514,460	1 583,114	3,077	2,613
27	45	97 237	35 987,671	716 228,872	19,902	19,438	77	95	6 263	367,883	1 068,654	2,905	2,440
28	46	97 052	34 620,959	680 241,201	19,648	19,184	78	96	4 507	255,179	700,772	2,746	2,282
29	47	96 857	33 302,553	645 620,242	19,387	18,922	79	97	3 139	171,298	445,592	2,601	2,137
30	48	96 635	32 025,288	612 317,689	19,120	18,655	80	98	2 113	111,139	274,295	2,468	2,004
31	49	96 403	30 793,443	580 292,402	18,845	18,380	81	99	1 373	69,587	163,156	2,345	1,880
32	50	96 136	29 598,214	549 498,959	18,565	18,101	82	100	858	41,919	93,569	2,232	1,768
33	51	95 853	28 444,626	519 900,745	18,278	17,813							
34	52	95 546	27 328,548	491 456,120	17,983	17,519							
35	53	95 208	26 247,618	464 127,572	17,683	17,218							
36	54	94 842	25 201,660	437 879,954	17,375	16,911							
37	55	94 456	24 191,911	412 678,294	17,059	16,594							
38	56	94 032	23 212,840	388 486,383	16,736	16,271							
39	57	93 574	22 264,923	365 273,544	16,406	15,941							
40	58	93 093	21 349,862	343 008,621	16,066	15,602							
41	59	92 564	20 461,100	321 658,760	15,721	15,256							
42	60	92 001	19 601,535	301 197,659	15,366	14,902							
43	61	91 365	18 762,486	281 596,124	15,008	14,544							
44	62	90 678	17 948,335	262 833,638	14,644	14,179							
45	63	89 927	17 156,281	244 885,303	14,274	13,809							
46	64	89 123	16 388,376	227 729,022	13,896	13,431							
47	65	88 249	15 641,149	211 340,646	13,512	13,047							
48	66	87 307	14 914,887	195 699,497	13,121	12,657							
49	67	86 283	14 207,108	180 784,610	12,725	12,261							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	19	99 470	99 469,790	2 426 639,023	24,396	23,931	50	69	84 361	13 388,629	160 367,662	11,978	11,513
1	20	99 065	95 483,946	2 327 169,234	24,372	23,908	51	70	83 131	12 716,555	146 979,033	11,558	11,094
2	21	99 010	91 982,181	2 231 685,288	24,262	23,798	52	71	81 778	12 057,367	134 262,478	11,135	10,671
3	22	98 971	88 622,238	2 139 703,107	24,144	23,680	53	72	80 320	11 414,477	122 205,110	10,706	10,242
4	23	98 935	85 387,987	2 051 080,868	24,021	23,556	54	73	78 721	10 782,775	110 790,633	10,275	9,810
5	24	98 899	82 271,935	1 965 692,881	23,893	23,428	55	74	76 961	10 160,716	100 007,858	9,843	9,378
6	25	98 868	79 273,656	1 883 420,946	23,758	23,294	56	75	75 018	9 546,199	89 847,142	9,412	8,947
7	26	98 836	76 383,464	1 804 147,289	23,620	23,155	57	76	72 873	8 938,088	80 300,943	8,984	8,520
8	27	98 805	73 599,127	1 727 763,826	23,475	23,011	58	77	70 516	8 336,406	71 362,856	8,560	8,096
9	28	98 770	70 913,953	1 654 164,698	23,326	22,862	59	78	67 958	7 743,624	63 026,450	8,139	7,675
10	29	98 737	68 328,147	1 583 250,746	23,171	22,707	60	79	65 151	7 155,443	55 282,825	7,726	7,262
11	30	98 700	65 833,675	1 514 922,598	23,011	22,547	61	80	62 133	6 577,349	48 127,382	7,317	6,853
12	31	98 664	63 430,741	1 449 088,923	22,845	22,381	62	81	58 874	6 007,009	41 550,034	6,917	6,453
13	32	98 623	61 112,797	1 385 658,182	22,674	22,209	63	82	55 400	5 448,236	35 543,025	6,524	6,059
14	33	98 577	58 876,491	1 324 545,385	22,497	22,033	64	83	51 683	4 898,999	30 094,788	6,143	5,679
15	34	98 526	56 719,161	1 265 668,894	22,315	21,850	65	84	47 759	4 363,421	25 195,789	5,774	5,310
16	35	98 467	54 636,121	1 208 949,732	22,127	21,663	66	85	43 638	3 842,815	20 832,368	5,421	4,957
17	36	98 402	52 626,704	1 154 313,611	21,934	21,470	67	86	39 365	3 341,205	16 989,553	5,085	4,620
18	37	98 322	50 683,253	1 101 686,907	21,737	21,272	68	87	35 018	2 864,844	13 648,348	4,764	4,300
19	38	98 222	48 801,749	1 051 003,654	21,536	21,072	69	88	30 628	2 415,122	10 783,504	4,465	4,001
20	39	98 119	46 988,670	1 002 201,905	21,329	20,864	70	89	26 320	2 000,375	8 368,382	4,183	3,719
21	40	98 002	45 235,977	955 213,236	21,116	20,652	71	90	22 080	1 617,531	6 368,007	3,937	3,472
22	41	97 880	43 546,604	909 977,258	20,897	20,432	72	91	18 197	1 284,881	4 750,476	3,697	3,233
23	42	97 749	41 916,704	866 430,654	20,670	20,206	73	92	14 558	990,779	3 465,594	3,498	3,033
24	43	97 611	40 344,579	824 513,950	20,437	19,972	74	93	11 451	751,151	2 474,816	3,295	2,830
25	44	97 457	38 824,787	784 169,371	20,198	19,733	75	94	8 770	554,512	1 723,664	3,108	2,644
26	45	97 294	37 358,916	745 344,584	19,951	19,486	76	95	6 535	398,252	1 169,152	2,936	2,471
27	46	97 114	35 941,994	707 985,668	19,698	19,234	77	96	4 728	277,731	770,900	2,776	2,311
28	47	96 916	34 572,174	672 043,674	19,439	18,974	78	97	3 314	187,632	493,168	2,628	2,164
29	48	96 699	33 248,100	637 471,500	19,173	18,709	79	98	2 245	122,517	305,536	2,494	2,029
30	49	96 464	31 968,653	604 223,400	18,900	18,436	80	99	1 468	77,220	183,019	2,370	1,906
31	50	96 204	30 730,080	572 254,747	18,622	18,158	81	100	925	46,909	105,799	2,255	1,791
32	51	95 924	29 533,009	541 524,667	18,336	17,872							
33	52	95 619	28 375,028	511 991,658	18,044	17,579							
34	53	95 284	27 253,521	483 616,630	17,745	17,281							
35	54	94 922	26 168,703	456 363,110	17,439	16,975							
36	55	94 539	25 121,236	430 194,406	17,125	16,660							
37	56	94 121	24 106,195	405 073,171	16,804	16,339							
38	57	93 677	23 125,276	380 966,976	16,474	16,010							
39	58	93 200	22 175,939	357 841,700	16,136	15,672							
40	59	92 683	21 255,660	335 665,761	15,792	15,327							
41	60	92 127	20 364,483	314 410,101	15,439	14,975							
42	61	91 505	19 495,896	294 045,618	15,082	14,618							
43	62	90 840	18 654,663	274 549,723	14,717	14,253							
44	63	90 106	17 835,124	255 895,060	14,348	13,883							
45	64	89 321	17 040,685	238 059,936	13,970	13,506							
46	65	88 468	16 267,931	221 019,251	13,586	13,122							
47	66	87 560	15 518,994	204 751,320	13,194	12,729							
48	67	86 560	14 787,301	189 232,327	12,797	12,333							
49	68	85 495	14 077,364	174 445,026	12,392	11,927							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	20	99 449	99 449,245	2 417 337,074	24,307	23,843	50	70	83 465	13 246,422	153 951,222	11,622	11,158
1	21	99 043	95 462,749	2 317 887,829	24,281	23,816	51	71	82 166	12 568,983	140 704,800	11,195	10,730
2	22	98 989	91 962,930	2 222 425,079	24,167	23,702	52	72	80 724	11 902,102	128 135,817	10,766	10,301
3	23	98 949	88 602,358	2 130 462,149	24,045	23,581	53	73	79 157	11 249,222	116 233,715	10,333	9,868
4	24	98 912	85 368,469	2 041 859,791	23,918	23,454	54	74	77 440	10 607,434	104 984,494	9,897	9,433
5	25	98 879	82 255,305	1 956 491,322	23,786	23,321	55	75	75 529	9 971,650	94 377,060	9,465	9,000
6	26	98 847	79 256,218	1 874 236,017	23,648	23,183	56	76	73 408	9 341,357	84 405,409	9,036	8,571
7	27	98 813	76 365,386	1 794 979,800	23,505	23,041	57	77	71 088	8 719,169	75 064,052	8,609	8,145
8	28	98 778	73 579,355	1 718 614,413	23,357	22,893	58	78	68 561	8 105,290	66 344,884	8,185	7,721
9	29	98 745	70 896,021	1 645 035,058	23,203	22,739	59	79	65 779	7 495,300	58 239,593	7,770	7,306
10	30	98 709	68 308,543	1 574 139,038	23,045	22,580	60	80	62 786	6 895,658	50 744,294	7,359	6,894
11	31	98 672	65 815,042	1 505 830,495	22,880	22,415	61	81	59 538	6 302,642	43 848,636	6,957	6,493
12	32	98 634	63 411,584	1 440 015,453	22,709	22,245	62	82	56 072	5 721,133	37 545,994	6,563	6,098
13	33	98 588	61 091,134	1 376 603,869	22,534	22,069	63	83	52 345	5 147,797	31 824,860	6,182	5,718
14	34	98 541	58 854,964	1 315 512,735	22,352	21,887	64	84	48 442	4 591,775	26 677,063	5,810	5,345
15	35	98 484	56 695,069	1 256 657,771	22,165	21,701	65	85	44 305	4 047,877	22 085,288	5,456	4,992
16	36	98 428	54 614,389	1 199 962,703	21,972	21,507	66	86	40 027	3 524,804	18 037,411	5,117	4,653
17	37	98 355	52 601,696	1 145 348,314	21,774	21,310	67	87	35 656	3 026,388	14 512,607	4,795	4,331
18	38	98 269	50 656,204	1 092 746,618	21,572	21,107	68	88	31 226	2 554,605	11 486,219	4,496	4,032
19	39	98 167	48 774,580	1 042 090,414	21,365	20,901	69	89	26 883	2 119,783	8 931,613	4,213	3,749
20	40	98 055	46 957,584	993 315,834	21,153	20,689	70	90	22 595	1 717,288	6 811,830	3,967	3,502
21	41	97 933	45 204,031	946 358,250	20,935	20,471	71	91	18 663	1 367,145	5 094,542	3,726	3,262
22	42	97 801	43 511,702	901 154,219	20,711	20,246	72	92	14 964	1 056,575	3 727,397	3,528	3,063
23	43	97 662	41 879,395	857 642,517	20,479	20,014	73	93	11 803	803,298	2 670,822	3,325	2,860
24	44	97 511	40 303,269	815 763,123	20,241	19,776	74	94	9 078	595,473	1 867,524	3,136	2,672
25	45	97 347	38 781,181	775 459,854	19,996	19,531	75	95	6 789	429,257	1 272,051	2,963	2,499
26	46	97 170	37 311,498	736 678,673	19,744	19,280	76	96	4 934	300,659	842,794	2,803	2,339
27	47	96 977	35 891,348	699 367,175	19,486	19,021	77	97	3 477	204,215	542,135	2,655	2,190
28	48	96 757	34 515,644	663 475,827	19,222	18,758	78	98	2 370	134,200	337,920	2,518	2,054
29	49	96 528	33 189,303	628 960,182	18,951	18,486	79	99	1 560	85,126	203,720	2,393	1,929
30	50	96 266	31 902,873	595 770,880	18,675	18,210	80	100	990	52,054	118,594	2,278	1,814
31	51	95 992	30 662,382	563 868,007	18,390	17,925							
32	52	95 689	29 460,748	533 205,625	18,099	17,634							
33	53	95 356	28 297,128	503 744,877	17,802	17,338							
34	54	94 997	27 171,582	475 447,749	17,498	17,034							
35	55	94 619	26 085,193	448 276,168	17,185	16,721							
36	56	94 204	25 032,227	422 190,974	16,866	16,401							
37	57	93 766	24 015,261	397 158,748	16,538	16,073							
38	58	93 303	23 032,854	373 143,486	16,200	15,736							
39	59	92 789	22 078,092	350 110,632	15,858	15,393							
40	60	92 245	21 155,290	328 032,540	15,506	15,042							
41	61	91 630	20 254,731	306 877,250	15,151	14,686							
42	62	90 979	19 383,859	286 622,519	14,787	14,322							
43	63	90 267	18 536,996	267 238,660	14,417	13,952							
44	64	89 499	17 714,953	248 701,664	14,039	13,575							
45	65	88 664	16 915,446	230 986,711	13,655	13,191							
46	66	87 777	16 140,881	214 071,265	13,263	12,798							
47	67	86 811	15 386,240	197 930,385	12,864	12,400							
48	68	85 770	14 652,259	182 544,145	12,458	11,994							
49	69	84 664	13 940,664	167 891,886	12,043	11,579							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	21	99 427	99 427,169	2 407 597,277	24,215	23,750	50	71	82 496	13 092,701	147 335,595	11,253	10,789
1	22	99 022	95 442,770	2 308 170,108	24,184	23,719	51	72	81 108	12 407,130	134 242,895	10,820	10,355
2	23	98 967	91 942,300	2 212 727,338	24,066	23,602	52	73	79 556	11 729,787	121 835,765	10,387	9,922
3	24	98 926	88 582,105	2 120 785,038	23,941	23,477	53	74	77 870	11 066,296	110 105,978	9,950	9,485
4	25	98 892	85 351,213	2 032 202,933	23,810	23,345	54	75	76 000	10 410,056	99 039,682	9,514	9,049
5	26	98 857	82 237,211	1 946 851,720	23,674	23,209	55	76	73 908	9 757,679	88 629,627	9,083	8,619
6	27	98 823	79 237,460	1 864 614,509	23,532	23,068	56	77	71 610	9 112,561	78 871,947	8,655	8,191
7	28	98 786	76 344,871	1 785 377,049	23,386	22,921	57	78	69 117	8 477,441	69 759,386	8,229	7,764
8	29	98 753	73 560,749	1 709 032,178	23,233	22,769	58	79	66 363	7 845,368	61 281,945	7,811	7,347
9	30	98 717	70 875,679	1 635 471,429	23,075	22,611	59	80	63 391	7 223,176	53 436,578	7,398	6,934
10	31	98 681	68 289,209	1 564 595,750	22,911	22,447	60	81	60 164	6 607,657	46 213,402	6,994	6,529
11	32	98 642	65 795,164	1 496 306,541	22,742	22,277	61	82	56 705	6 002,697	39 605,745	6,598	6,134
12	33	98 599	63 389,106	1 430 511,377	22,567	22,103	62	83	52 980	5 405,646	33 603,048	6,216	5,752
13	34	98 552	61 068,797	1 367 122,271	22,387	21,922	63	84	49 062	4 824,971	28 197,403	5,844	5,380
14	35	98 499	58 829,964	1 306 053,473	22,200	21,736	64	85	44 939	4 259,718	23 372,432	5,487	5,022
15	36	98 445	56 672,518	1 247 223,510	22,008	21,543	65	86	40 639	3 712,897	19 112,714	5,148	4,683
16	37	98 381	54 588,435	1 190 550,992	21,810	21,345	66	87	36 255	3 192,688	15 399,818	4,823	4,359
17	38	98 303	52 573,623	1 135 962,556	21,607	21,143	67	88	31 794	2 698,655	12 207,130	4,523	4,059
18	39	98 215	50 628,003	1 083 388,934	21,399	20,935	68	89	27 407	2 242,210	9 508,474	4,241	3,776
19	40	98 103	48 742,313	1 032 760,931	21,188	20,724	69	90	23 078	1 819,798	7 266,264	3,993	3,528
20	41	97 985	46 924,422	984 018,617	20,970	20,506	70	91	19 097	1 451,460	5 446,467	3,752	3,288
21	42	97 854	45 167,800	937 094,196	20,747	20,283	71	92	15 346	1 124,221	3 995,007	3,554	3,089
22	43	97 714	43 472,973	891 926,396	20,517	20,052	72	93	12 132	856,644	2 870,785	3,351	2,887
23	44	97 562	41 836,513	848 453,423	20,280	19,816	73	94	9 357	636,812	2 014,142	3,163	2,698
24	45	97 402	40 258,002	806 616,910	20,036	19,572	74	95	7 027	460,966	1 377,329	2,988	2,523
25	46	97 224	38 731,958	766 358,909	19,786	19,322	75	96	5 126	324,066	916,363	2,828	2,363
26	47	97 033	37 258,922	727 626,950	19,529	19,065	76	97	3 628	221,073	592,297	2,679	2,215
27	48	96 818	35 832,662	690 368,028	19,266	18,802	77	98	2 487	146,060	371,224	2,542	2,077
28	49	96 586	34 454,606	654 535,366	18,997	18,533	78	99	1 647	93,243	225,164	2,415	1,950
29	50	96 329	33 121,011	620 080,760	18,722	18,257	79	100	1 052	57,383	131,921	2,299	1,835
30	51	96 054	31 832,591	586 959,750	18,439	17,975							
31	52	95 758	30 587,358	555 127,159	18,149	17,684							
32	53	95 427	29 379,867	524 539,801	17,854	17,389							
33	54	95 070	28 212,051	495 159,934	17,551	17,087							
34	55	94 694	27 084,871	466 947,883	17,240	16,776							
35	56	94 284	25 992,769	439 863,012	16,923	16,458							
36	57	93 849	24 937,800	413 870,243	16,596	16,132							
37	58	93 392	23 919,283	388 932,443	16,260	15,796							
38	59	92 891	22 931,226	365 013,160	15,918	15,453							
39	60	92 351	21 973,839	342 081,934	15,568	15,103							
40	61	91 748	21 041,276	320 108,095	15,213	14,749							
41	62	91 104	20 138,333	299 066,818	14,851	14,386							
42	63	90 405	19 261,592	278 928,485	14,481	14,017							
43	64	89 659	18 412,096	259 666,893	14,103	13,639							
44	65	88 841	17 584,759	241 254,797	13,720	13,255							
45	66	87 972	16 783,338	223 670,038	13,327	12,862							
46	67	87 026	16 002,807	206 886,700	12,928	12,464							
47	68	86 018	15 245,728	190 883,893	12,520	12,056							
48	69	84 937	14 509,976	175 638,164	12,105	11,640							
49	70	83 765	13 792,593	161 128,188	11,682	11,218							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	22	99 406	99 406,360	2 397 408,313	24,117	23,653	50	72	81 434	12 924,103	140 529,090	10,873	10,409
1	23	99 000	95 421,359	2 298 001,953	24,083	23,618	51	73	79 934	12 227,503	127 604,987	10,436	9,971
2	24	98 945	91 921,284	2 202 580,594	23,962	23,497	52	74	78 262	11 539,047	115 377,484	9,999	9,534
3	25	98 906	88 564,199	2 110 659,310	23,832	23,368	53	75	76 421	10 860,379	103 838,438	9,561	9,097
4	26	98 870	85 332,438	2 022 095,111	23,697	23,232	54	76	74 369	10 186,677	92 978,058	9,127	8,663
5	27	98 834	82 217,748	1 936 762,673	23,557	23,092	55	77	72 098	9 518,686	82 791,381	8,698	8,233
6	28	98 797	79 216,173	1 854 544,926	23,411	22,947	56	78	69 625	8 859,927	73 272,695	8,270	7,806
7	29	98 761	76 325,566	1 775 328,752	23,260	22,796	57	79	66 901	8 205,584	64 412,768	7,850	7,385
8	30	98 725	73 539,643	1 699 003,187	23,103	22,639	58	80	63 953	7 560,534	56 207,184	7,434	6,970
9	31	98 689	70 855,619	1 625 463,544	22,941	22,476	59	81	60 743	6 921,496	48 646,649	7,028	6,564
10	32	98 651	68 268,584	1 554 607,925	22,772	22,308	60	82	57 300	6 293,196	41 725,153	6,630	6,166
11	33	98 607	65 771,842	1 486 339,341	22,598	22,134	61	83	53 578	5 671,682	35 431,957	6,247	5,783
12	34	98 563	63 365,929	1 420 567,499	22,418	21,954	62	84	49 657	5 066,649	29 760,275	5,874	5,409
13	35	98 510	61 042,857	1 357 201,570	22,234	21,769	63	85	45 514	4 476,050	24 693,626	5,517	5,052
14	36	98 460	58 806,564	1 296 158,714	22,041	21,577	64	86	41 220	3 907,206	20 217,576	5,174	4,710
15	37	98 398	56 645,586	1 237 352,150	21,844	21,379	65	87	36 810	3 363,058	16 310,370	4,850	4,385
16	38	98 328	54 559,302	1 180 706,564	21,641	21,176	66	88	32 329	2 846,947	12 947,313	4,548	4,083
17	39	98 248	52 544,354	1 126 147,261	21,432	20,968	67	89	27 906	2 368,644	10 100,366	4,264	3,800
18	40	98 150	50 594,510	1 073 602,907	21,220	20,755	68	90	23 529	1 924,899	7 731,722	4,017	3,552
19	41	98 033	48 707,890	1 023 008,397	21,003	20,539	69	91	19 506	1 538,101	5 806,822	3,775	3,311
20	42	97 907	46 886,812	974 300,507	20,780	20,315	70	92	15 704	1 193,555	4 268,721	3,576	3,112
21	43	97 767	45 127,597	927 413,695	20,551	20,086	71	93	12 442	911,490	3 075,166	3,374	2,909
22	44	97 614	43 428,459	882 286,099	20,316	19,851	72	94	9 618	679,102	2 163,677	3,186	2,722
23	45	97 453	41 789,524	838 857,639	20,073	19,609	73	95	7 244	492,967	1 484,575	3,012	2,547
24	46	97 278	40 206,905	797 068,115	19,824	19,360	74	96	5 305	348,005	991,607	2,849	2,385
25	47	97 087	38 677,381	756 861,210	19,569	19,104	75	97	3 769	238,284	643,603	2,701	2,237
26	48	96 875	37 198,000	718 183,829	19,307	18,843	76	98	2 595	158,118	405,318	2,563	2,099
27	49	96 647	35 769,294	680 985,830	19,038	18,574	77	99	1 728	101,484	247,201	2,436	1,971
28	50	96 387	34 383,710	645 216,536	18,765	18,301	78	100	1 110	62,855	145,717	2,318	1,854
29	51	96 117	33 048,045	610 832,826	18,483	18,019							
30	52	95 819	31 754,703	577 784,780	18,195	17,731							
31	53	95 495	30 503,384	546 030,077	17,901	17,436							
32	54	95 140	29 291,535	515 526,693	17,600	17,135							
33	55	94 766	28 122,020	486 235,158	17,290	16,826							
34	56	94 358	26 988,905	458 113,138	16,974	16,510							
35	57	93 928	25 894,719	431 124,233	16,649	16,185							
36	58	93 474	24 838,135	405 229,514	16,315	15,850							
37	59	92 980	23 813,744	380 391,379	15,974	15,509							
38	60	92 453	22 822,944	356 577,636	15,624	15,159							
39	61	91 853	21 855,414	333 754,691	15,271	14,807							
40	62	91 221	20 920,358	311 899,277	14,909	14,444							
41	63	90 529	20 011,308	290 978,919	14,541	14,076							
42	64	89 796	19 131,810	270 967,611	14,163	13,699							
43	65	89 000	18 276,778	251 835,801	13,779	13,315							
44	66	88 147	17 447,424	233 559,023	13,386	12,922							
45	67	87 219	16 639,769	216 111,599	12,988	12,523							
46	68	86 231	15 856,665	199 471,830	12,580	12,115							
47	69	85 183	15 097,683	183 615,165	12,162	11,697							
48	70	84 035	14 355,858	168 517,482	11,739	11,274							
49	71	82 793	13 632,534	154 161,624	11,308	10,844							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	23	99 384	99 384,060	2 386 755,482	24,015	23,551	50	73	80 255	12 736,992	133 543,809	10,485	10,020
1	24	98 977	95 399,548	2 287 371,422	23,977	23,512	51	74	78 634	12 028,669	120 806,817	10,043	9,579
2	25	98 925	91 902,703	2 191 971,874	23,851	23,387	52	75	76 806	11 324,333	108 778,149	9,606	9,141
3	26	98 884	88 544,717	2 100 069,171	23,718	23,253	53	76	74 781	10 627,338	97 453,815	9,170	8,706
4	27	98 847	85 312,242	2 011 524,454	23,578	23,114	54	77	72 547	9 937,177	86 826,477	8,738	8,273
5	28	98 807	82 195,660	1 926 212,212	23,434	22,970	55	78	70 099	9 254,793	76 889,300	8,308	7,844
6	29	98 772	79 196,142	1 844 016,552	23,284	22,820	56	79	67 392	8 575,804	67 634,507	7,887	7,422
7	30	98 733	76 303,666	1 764 820,410	23,129	22,664	57	80	64 472	7 907,673	59 058,703	7,469	7,004
8	31	98 697	73 518,829	1 688 516,744	22,967	22,503	58	81	61 282	7 244,764	51 151,030	7,060	6,596
9	32	98 659	70 834,219	1 614 997,915	22,800	22,335	59	82	57 852	6 592,100	43 906,266	6,660	6,196
10	33	98 616	68 244,385	1 544 163,696	22,627	22,163	60	83	54 141	5 946,162	37 314,166	6,275	5,811
11	34	98 571	65 747,793	1 475 919,311	22,448	21,984	61	84	50 218	5 316,002	31 368,004	5,901	5,436
12	35	98 521	63 339,012	1 410 171,518	22,264	21,799	62	85	46 066	4 700,251	26 052,002	5,543	5,078
13	36	98 471	61 018,577	1 346 832,506	22,072	21,608	63	86	41 748	4 105,636	21 351,751	5,201	4,736
14	37	98 413	58 778,618	1 285 813,929	21,876	21,411	64	87	37 336	3 539,059	17 246,116	4,873	4,409
15	38	98 346	56 615,355	1 227 035,311	21,673	21,209	65	88	32 823	2 998,867	13 707,057	4,571	4,106
16	39	98 274	54 528,928	1 170 419,956	21,464	21,000	66	89	28 376	2 498,802	10 708,190	4,285	3,821
17	40	98 183	52 509,594	1 115 891,027	21,251	20,787	67	90	23 957	2 033,441	8 209,389	4,037	3,573
18	41	98 080	50 558,779	1 063 381,434	21,033	20,568	68	91	19 887	1 626,933	6 175,947	3,796	3,332
19	42	97 955	48 668,851	1 012 822,655	20,810	20,346	69	92	16 040	1 264,801	4 549,014	3,597	3,132
20	43	97 820	46 845,079	964 153,804	20,582	20,117	70	93	12 732	967,703	3 284,213	3,394	2,929
21	44	97 667	45 081,389	917 308,725	20,348	19,883	71	94	9 864	722,581	2 316,509	3,206	2,741
22	45	97 505	43 379,682	872 227,337	20,107	19,642	72	95	7 445	525,705	1 593,928	3,032	2,568
23	46	97 329	41 736,483	828 847,655	19,859	19,395	73	96	5 468	372,164	1 068,224	2,870	2,406
24	47	97 141	40 150,249	787 111,171	19,604	19,140	74	97	3 901	255,886	696,060	2,720	2,256
25	48	96 928	38 614,139	746 960,922	19,344	18,880	75	98	2 696	170,428	440,174	2,583	2,118
26	49	96 703	37 132,218	708 346,783	19,076	18,612	76	99	1 803	109,862	269,746	2,455	1,991
27	50	96 448	35 695,693	671 214,566	18,804	18,339	77	100	1 165	68,410	159,884	2,337	1,873
28	51	96 175	34 307,963	635 518,872	18,524	18,060							
29	52	95 882	32 967,183	601 210,909	18,237	17,772							
30	53	95 556	31 667,525	568 243,726	17,944	17,480							
31	54	95 208	30 411,674	536 576,201	17,644	17,179							
32	55	94 836	29 198,059	506 164,527	17,336	16,871							
33	56	94 431	28 022,379	476 966,468	17,021	16,556							
34	57	94 003	26 887,097	448 944,089	16,697	16,233							
35	58	93 553	25 791,229	422 056,991	16,364	15,900							
36	59	93 062	24 728,541	396 265,762	16,025	15,560							
37	60	92 541	23 701,295	371 537,221	15,676	15,211							
38	61	91 954	22 699,944	347 835,926	15,323	14,859							
39	62	91 326	21 729,818	325 135,983	14,963	14,498							
40	63	90 645	20 788,400	303 406,165	14,595	14,131							
41	64	89 919	19 876,474	282 617,765	14,219	13,754							
42	65	89 136	18 991,203	262 741,291	13,835	13,370							
43	66	88 305	18 134,039	243 750,088	13,442	12,977							
44	67	87 393	17 298,174	225 616,049	13,043	12,578							
45	68	86 423	16 487,810	208 317,875	12,635	12,170							
46	69	85 394	15 702,687	191 830,065	12,216	11,752							
47	70	84 278	14 937,322	176 127,379	11,791	11,327							
48	71	83 059	14 189,262	161 190,057	11,360	10,896							
49	72	81 727	13 456,985	147 000,794	10,924	10,459							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	24	99 361	99 361,342	2 375 626,352	23,909	23,445	50	74	78 950	12 529,873	126 396,086	10,088	9,623
1	25	98 957	95 380,264	2 276 265,010	23,865	23,401	51	75	77 171	11 804,845	113 866,213	9,646	9,181
2	26	98 903	91 882,486	2 180 884,746	23,736	23,271	52	76	75 158	11 081,336	102 061,368	9,210	8,746
3	27	98 861	88 523,761	2 089 002,260	23,598	23,134	53	77	72 950	10 367,045	90 980,032	8,776	8,311
4	28	98 821	85 289,323	2 000 478,498	23,455	22,991	54	78	70 536	9 661,682	80 612,987	8,344	7,879
5	29	98 782	82 174,875	1 915 189,175	23,306	22,842	55	79	67 851	8 958,008	70 951,306	7,920	7,456
6	30	98 743	79 173,419	1 833 014,300	23,152	22,687	56	80	64 945	8 264,452	61 993,298	7,501	7,037
7	31	98 705	76 282,070	1 753 840,881	22,992	22,527	57	81	61 779	7 577,404	53 728,846	7,091	6,626
8	32	98 667	73 496,624	1 677 558,811	22,825	22,361	58	82	58 366	6 899,983	46 151,441	6,689	6,224
9	33	98 624	70 809,110	1 604 062,187	22,653	22,189	59	83	54 662	6 228,583	39 251,458	6,302	5,837
10	34	98 580	68 219,432	1 533 253,077	22,475	22,011	60	84	50 745	5 573,269	33 022,875	5,925	5,461
11	35	98 529	65 719,865	1 465 033,645	22,292	21,828	61	85	46 586	4 931,572	27 449,606	5,566	5,102
12	36	98 482	63 313,819	1 399 313,779	22,101	21,637	62	86	42 254	4 311,283	22 518,035	5,223	4,759
13	37	98 424	60 989,580	1 335 999,961	21,905	21,441	63	87	37 814	3 718,792	18 206,752	4,896	4,431
14	38	98 361	58 747,249	1 275 010,381	21,703	21,239	64	88	33 293	3 155,808	14 487,960	4,591	4,126
15	39	98 291	56 583,837	1 216 263,132	21,495	21,030	65	89	28 810	2 632,144	11 332,152	4,305	3,841
16	40	98 209	54 492,855	1 159 679,295	21,281	20,817	66	90	24 360	2 145,179	8 700,008	4,056	3,591
17	41	98 114	52 472,510	1 105 186,440	21,062	20,598	67	91	20 249	1 718,673	6 554,829	3,814	3,349
18	42	98 002	50 518,256	1 052 713,930	20,838	20,374	68	92	16 353	1 337,849	4 836,156	3,615	3,150
19	43	97 867	48 625,532	1 002 195,674	20,610	20,146	69	93	13 005	1 025,468	3 498,306	3,411	2,947
20	44	97 719	46 797,112	953 570,143	20,377	19,912	70	94	10 094	767,144	2 472,838	3,223	2,759
21	45	97 557	45 030,755	906 773,031	20,137	19,672	71	95	7 636	559,362	1 705,694	3,049	2,585
22	46	97 381	43 324,623	861 742,275	19,890	19,426	72	96	5 621	396,879	1 146,331	2,888	2,424
23	47	97 192	41 677,672	818 417,652	19,637	19,172	73	97	4 021	273,650	749,453	2,739	2,274
24	48	96 982	40 084,599	776 739,980	19,378	18,913	74	98	2 790	183,017	475,803	2,600	2,135
25	49	96 757	38 545,852	736 655,381	19,111	18,647	75	99	1 873	118,415	292,785	2,473	2,008
26	50	96 504	37 055,812	698 109,529	18,839	18,375	76	100	1 215	74,057	174,371	2,355	1,890
27	51	96 236	35 617,056	661 053,716	18,560	18,096							
28	52	95 940	34 224,018	625 436,661	18,275	17,810							
29	53	95 619	32 876,676	591 212,642	17,983	17,518							
30	54	95 269	31 572,315	558 335,966	17,684	17,220							
31	55	94 904	30 314,624	526 763,651	17,377	16,912							
32	56	94 500	29 094,606	496 449,027	17,063	16,599							
33	57	94 074	27 916,673	467 354,421	16,741	16,277							
34	58	93 627	26 779,641	439 437,748	16,409	15,945							
35	59	93 140	25 677,430	412 658,107	16,071	15,606							
36	60	92 622	24 611,772	386 980,677	15,723	15,259							
37	61	92 042	23 573,560	362 368,904	15,372	14,907							
38	62	91 426	22 569,494	338 795,344	15,011	14,547							
39	63	90 749	21 592,754	316 225,851	14,645	14,181							
40	64	90 035	20 648,331	294 633,097	14,269	13,805							
41	65	89 258	19 730,394	273 984,766	13,886	13,422							
42	66	88 440	18 842,884	254 254,372	13,493	13,029							
43	67	87 549	17 978,916	235 411,489	13,094	12,629							
44	68	86 595	17 140,202	217 432,573	12,686	12,221							
45	69	85 583	16 327,703	200 292,371	12,267	11,803							
46	70	84 487	15 535,900	183 964,668	11,841	11,377							
47	71	83 300	14 763,979	168 428,768	11,408	10,944							
48	72	81 990	14 006,545	153 664,789	10,971	10,507							
49	73	80 544	13 262,158	139 658,245	10,531	10,066							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	25	99 341	99 341,258	2 364 006,880	23,797	23,332	50	75	77 481	12 296,723	119 104,423	9,686	9,221
1	26	98 935	95 359,282	2 264 665,622	23,749	23,284	51	76	75 515	11 551,537	106 807,700	9,246	8,782
2	27	98 879	91 860,741	2 169 306,340	23,615	23,151	52	77	73 317	10 809,923	95 256,163	8,812	8,347
3	28	98 834	88 499,980	2 077 445,599	23,474	23,010	53	78	70 927	10 079,632	84 446,240	8,378	7,913
4	29	98 796	85 267,756	1 988 945,619	23,326	22,861	54	79	68 274	9 351,848	74 366,608	7,952	7,488
5	30	98 754	82 151,297	1 903 677,863	23,173	22,708	55	80	65 388	8 632,779	65 014,760	7,531	7,067
6	31	98 715	79 151,010	1 821 526,566	23,013	22,549	56	81	62 233	7 919,282	56 381,980	7,120	6,655
7	32	98 675	76 259,031	1 742 375,555	22,848	22,384	57	82	58 839	7 216,793	48 462,698	6,715	6,251
8	33	98 632	73 470,572	1 666 116,525	22,677	22,213	58	83	55 147	6 519,489	41 245,905	6,327	5,862
9	34	98 588	70 783,220	1 592 645,953	22,500	22,036	59	84	51 234	5 837,978	34 726,416	5,948	5,484
10	35	98 538	68 190,454	1 521 862,733	22,318	21,853	60	85	47 076	5 170,234	28 888,438	5,587	5,123
11	36	98 490	65 693,725	1 453 672,279	22,128	21,664	61	86	42 731	4 523,461	23 718,204	5,243	4,779
12	37	98 435	63 283,731	1 387 978,554	21,933	21,468	62	87	38 273	3 905,062	19 194,743	4,915	4,451
13	38	98 371	60 957,030	1 324 694,823	21,732	21,267	63	88	33 719	3 316,078	15 289,680	4,611	4,146
14	39	98 306	58 714,543	1 263 737,793	21,523	21,059	64	89	29 221	2 769,894	11 973,603	4,323	3,858
15	40	98 226	56 546,404	1 205 023,249	21,310	20,846	65	90	24 733	2 259,651	9 203,709	4,073	3,609
16	41	98 139	54 454,371	1 148 476,845	21,091	20,626	66	91	20 589	1 813,115	6 944,058	3,830	3,365
17	42	98 035	52 430,453	1 094 022,475	20,866	20,402	67	92	16 651	1 413,288	5 130,944	3,631	3,166
18	43	97 915	50 473,291	1 041 592,021	20,636	20,172	68	93	13 259	1 084,693	3 717,655	3,427	2,963
19	44	97 767	48 575,742	991 118,731	20,404	19,939	69	94	10 309	812,937	2 632,962	3,239	2,774
20	45	97 610	46 744,552	942 542,989	20,164	19,699	70	95	7 814	593,860	1 820,025	3,065	2,600
21	46	97 433	44 973,601	895 798,437	19,918	19,454	71	96	5 765	422,288	1 226,165	2,904	2,439
22	47	97 244	43 263,574	850 824,836	19,666	19,202	72	97	4 133	291,823	803,877	2,755	2,290
23	48	97 033	41 609,524	807 561,262	19,408	18,944	73	98	2 876	195,723	512,054	2,616	2,152
24	49	96 811	40 013,712	765 951,738	19,142	18,678	74	99	1 939	127,162	316,331	2,488	2,023
25	50	96 557	38 466,539	725 938,026	18,872	18,408	75	100	1 263	79,823	189,169	2,370	1,905
26	51	96 292	36 974,179	687 471,488	18,593	18,129							
27	52	96 000	35 529,908	650 497,309	18,308	17,844							
28	53	95 676	34 130,061	614 967,401	18,018	17,554							
29	54	95 331	32 777,831	580 837,340	17,720	17,256							
30	55	94 965	31 471,561	548 059,509	17,414	16,950							
31	56	94 568	30 207,214	516 587,948	17,101	16,637							
32	57	94 144	28 984,855	486 380,734	16,781	16,316							
33	58	93 698	27 805,102	457 395,879	16,450	15,986							
34	59	93 214	26 661,481	429 590,777	16,113	15,648							
35	60	92 700	25 556,181	402 929,296	15,766	15,302							
36	61	92 123	24 479,131	377 373,115	15,416	14,952							
37	62	91 513	23 438,090	352 893,984	15,056	14,592							
38	63	90 849	22 427,133	329 455,894	14,690	14,226							
39	64	90 138	21 447,265	307 028,761	14,316	13,851							
40	65	89 373	20 496,578	285 581,496	13,933	13,469							
41	66	88 561	19 576,302	265 084,919	13,541	13,077							
42	67	87 683	18 681,697	245 508,617	13,142	12,677							
43	68	86 750	17 814,727	226 826,920	12,733	12,268							
44	69	85 754	16 973,760	209 012,193	12,314	11,849							
45	70	84 674	16 154,278	192 038,433	11,888	11,423							
46	71	83 506	15 355,610	175 884,156	11,454	10,990							
47	72	82 227	14 573,860	160 528,545	11,015	10,550							
48	73	80 803	13 803,762	145 954,685	10,574	10,109							
49	74	79 234	13 046,500	132 150,923	10,129	9,665							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	49	93 528	14 843,498	243 404,017	16,398	15,934
1	0	99 613	96 012,741	2 437 210,443	25,384	24,920	51	50	92 962	14 220,426	228 560,519	16,073	15,608
2	1	99 267	92 220,458	2 341 197,702	25,387	24,923	52	51	92 318	13 611,537	214 340,092	15,747	15,283
3	2	99 222	88 846,952	2 248 977,245	25,313	24,849	53	52	91 632	13 021,937	200 728,556	15,415	14,950
4	3	99 193	85 610,955	2 160 130,292	25,232	24,768	54	53	90 876	12 447,717	187 706,619	15,080	14,615
5	4	99 169	82 496,407	2 074 519,337	25,147	24,682	55	54	90 041	11 887,650	175 258,902	14,743	14,279
6	5	99 146	79 496,543	1 992 022,930	25,058	24,594	56	55	89 147	11 344,132	163 371,252	14,401	13,937
7	6	99 126	76 607,335	1 912 526,386	24,965	24,501	57	56	88 183	10 815,943	152 027,119	14,056	13,591
8	7	99 109	73 825,881	1 835 919,052	24,868	24,404	58	57	87 144	10 302,126	141 211,176	13,707	13,243
9	8	99 092	71 145,442	1 762 093,171	24,767	24,303	59	58	86 032	9 803,099	130 909,050	13,354	12,889
10	9	99 077	68 563,485	1 690 947,729	24,663	24,198	60	59	84 835	9 317,308	121 105,951	12,998	12,534
11	10	99 062	66 074,822	1 622 384,244	24,554	24,089	61	60	83 557	8 845,247	111 788,643	12,638	12,174
12	11	99 046	63 676,591	1 556 309,422	24,441	23,976	62	61	82 179	8 384,917	102 943,396	12,277	11,813
13	12	99 027	61 363,290	1 492 632,832	24,325	23,860	63	62	80 727	7 939,070	94 558,479	11,911	11,446
14	13	99 008	59 134,020	1 431 269,542	24,204	23,739	64	63	79 204	7 507,710	86 619,409	11,537	11,073
15	14	98 984	56 982,986	1 372 135,522	24,080	23,615	65	64	77 561	7 086,274	79 111,698	11,164	10,700
16	15	98 956	54 907,630	1 315 152,536	23,952	23,488	66	65	75 832	6 677,847	72 025,424	10,786	10,321
17	16	98 918	52 902,618	1 260 244,906	23,822	23,358	67	66	73 995	6 280,576	65 347,577	10,405	9,940
18	17	98 869	50 965,357	1 207 342,288	23,689	23,225	68	67	72 050	5 894,471	59 067,000	10,021	9,556
19	18	98 806	49 091,705	1 156 376,932	23,555	23,091	69	68	70 025	5 521,737	53 172,529	9,630	9,165
20	19	98 735	47 283,380	1 107 285,227	23,418	22,954	70	69	67 893	5 160,097	47 650,792	9,234	8,770
21	20	98 661	45 540,421	1 060 001,847	23,276	22,812	71	70	65 643	4 808,723	42 490,695	8,836	8,372
22	21	98 586	43 860,922	1 014 461,426	23,129	22,665	72	71	63 263	4 466,929	37 681,972	8,436	7,971
23	22	98 513	42 244,280	970 600,505	22,976	22,511	73	72	60 756	4 134,819	33 215,043	8,033	7,569
24	23	98 440	40 686,962	928 356,225	22,817	22,353	74	73	58 089	3 810,429	29 080,224	7,632	7,167
25	24	98 362	39 185,446	887 669,263	22,653	22,189	75	74	55 209	3 490,617	25 269,795	7,239	6,775
26	25	98 288	37 740,724	848 483,817	22,482	22,017	76	75	52 153	3 178,233	21 779,178	6,853	6,388
27	26	98 209	36 347,468	810 743,093	22,305	21,841	77	76	48 910	2 872,870	18 600,945	6,475	6,010
28	27	98 124	35 003,243	774 395,625	22,124	21,659	78	77	45 482	2 574,940	15 728,075	6,108	5,644
29	28	98 039	33 708,734	739 392,381	21,935	21,470	79	78	41 885	2 285,605	13 153,136	5,755	5,290
30	29	97 949	32 460,770	705 683,648	21,740	21,275	80	79	38 156	2 006,849	10 867,531	5,415	4,951
31	30	97 859	31 258,497	673 222,878	21,537	21,073	81	80	34 379	1 742,821	8 860,682	5,084	4,620
32	31	97 761	30 098,646	641 964,380	21,329	20,864	82	81	30 543	1 492,400	7 117,861	4,769	4,305
33	32	97 660	28 980,662	611 865,734	21,113	20,648	83	82	26 753	1 259,951	5 625,461	4,465	4,000
34	33	97 551	27 901,952	582 885,072	20,890	20,426	84	83	23 055	1 046,578	4 365,510	4,171	3,707
35	34	97 438	26 862,291	554 983,119	20,660	20,196	85	84	19 488	852,650	3 318,932	3,892	3,428
36	35	97 314	25 858,628	528 120,828	20,423	19,959	86	85	16 114	679,577	2 466,282	3,629	3,165
37	36	97 190	24 892,119	502 262,201	20,178	19,713	87	86	12 994	528,164	1 786,705	3,383	2,918
38	37	97 052	23 958,248	477 370,081	19,925	19,461	88	87	10 178	398,744	1 258,541	3,156	2,692
39	38	96 893	23 054,594	453 411,834	19,667	19,202	89	88	7 730	291,884	859,798	2,946	2,481
40	39	96 728	22 183,429	430 357,240	19,400	18,936	90	89	5 649	205,627	567,913	2,762	2,297
41	40	96 540	21 340,062	408 173,811	19,127	18,663	91	90	3 996	140,202	362,286	2,584	2,120
42	41	96 340	20 526,058	386 833,750	18,846	18,382	92	91	2 703	91,393	222,085	2,430	1,966
43	42	96 115	19 738,062	366 307,692	18,558	18,094	93	92	1 742	56,766	130,691	2,302	1,838
44	43	95 859	18 973,810	346 569,629	18,266	17,801	94	93	1 081	33,951	73,926	2,177	1,713
45	44	95 570	18 232,938	327 595,819	17,967	17,503	95	94	640	19,364	39,975	2,064	1,600
46	45	95 251	17 515,296	309 362,881	17,662	17,198	96	95	360	10,505	20,611	1,962	1,498
47	46	94 895	16 819,080	291 847,585	17,352	16,888	97	96	192	5,406	10,106	1,869	1,405
48	47	94 488	16 141,588	275 028,505	17,039	16,574	98	97	97	2,632	4,700	1,785	1,321
49	48	94 031	15 482,900	258 886,917	16,721	16,256	99	98	46	1,209	2,067	1,709	1,245
							100	99	21	0,523	0,858	1,641	1,176

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	48	93 694	14 869,794	245 447,400	16,506	16,042
1							51	49	93 154	14 249,747	230 577,606	16,181	15,717
2	0	99 581	92 512,119	2 344 035,408	25,338	24,873	52	50	92 522	13 641,589	216 327,859	15,858	15,394
3	1	99 248	88 870,411	2 251 523,289	25,335	24,870	53	51	91 856	13 053,877	202 686,269	15,527	15,062
4	2	99 208	85 623,708	2 162 652,878	25,258	24,793	54	52	91 126	12 481,985	189 632,393	15,192	14,728
5	3	99 180	82 505,626	2 077 029,170	25,174	24,710	55	53	90 313	11 923,498	177 150,408	14,857	14,393
6	4	99 158	79 506,019	1 994 523,544	25,086	24,622	56	54	89 432	11 380,450	165 226,909	14,518	14,054
7	5	99 136	76 615,078	1 915 017,525	24,995	24,531	57	55	88 497	10 854,402	153 846,460	14,174	13,709
8	6	99 118	73 832,311	1 838 402,447	24,900	24,435	58	56	87 474	10 341,135	142 992,057	13,828	13,363
9	7	99 101	71 151,549	1 764 570,136	24,800	24,336	59	57	86 378	9 842,435	132 650,922	13,477	13,013
10	8	99 085	68 568,534	1 693 418,587	24,697	24,232	60	58	85 211	9 358,601	122 808,487	13,123	12,658
11	9	99 068	66 079,380	1 624 850,053	24,589	24,125	61	59	83 954	8 887,213	113 449,886	12,766	12,301
12	10	99 053	63 681,110	1 558 770,672	24,478	24,013	62	60	82 624	8 430,351	104 562,673	12,403	11,939
13	11	99 035	61 368,197	1 495 089,562	24,363	23,898	63	61	81 194	7 984,958	96 132,323	12,039	11,575
14	12	99 016	59 138,780	1 433 721,365	24,243	23,779	64	62	79 707	7 555,367	88 147,365	11,667	11,202
15	13	98 993	56 988,091	1 374 582,585	24,121	23,656	65	63	78 087	7 134,344	80 591,998	11,296	10,832
16	14	98 967	54 913,582	1 317 594,494	23,994	23,530	66	64	76 393	6 727,289	73 457,654	10,919	10,455
17	15	98 930	52 909,273	1 262 680,912	23,865	23,401	67	65	74 577	6 330,013	66 730,365	10,542	10,077
18	16	98 884	50 973,200	1 209 771,639	23,733	23,269	68	66	72 672	5 945,329	60 400,352	10,159	9,695
19	17	98 822	49 099,584	1 158 798,439	23,601	23,137	69	67	70 671	5 572,628	54 455,022	9,772	9,307
20	18	98 757	47 294,182	1 109 698,855	23,464	22,999	70	68	68 559	5 210,696	48 882,395	9,381	8,917
21	19	98 682	45 549,828	1 062 404,672	23,324	22,860	71	69	66 347	4 860,348	43 671,699	8,985	8,521
22	20	98 608	43 870,660	1 016 854,844	23,178	22,714	72	70	64 006	4 519,375	38 811,351	8,588	8,123
23	21	98 534	42 253,123	972 984,183	23,028	22,563	73	71	61 548	4 188,758	34 291,976	8,187	7,722
24	22	98 462	40 696,091	930 731,061	22,870	22,406	74	72	58 942	3 866,406	30 103,218	7,786	7,321
25	23	98 385	39 194,405	890 034,969	22,708	22,244	75	73	56 122	3 548,317	26 236,812	7,394	6,930
26	24	98 308	37 748,355	850 840,564	22,540	22,075	76	74	53 142	3 238,494	22 688,495	7,006	6,541
27	25	98 231	36 355,466	813 092,210	22,365	21,901	77	75	49 983	2 935,867	19 450,001	6,625	6,161
28	26	98 147	35 011,529	776 736,744	22,185	21,721	78	76	46 624	2 639,591	16 514,134	6,256	5,792
29	27	98 065	33 717,792	741 725,215	21,998	21,534	79	77	43 080	2 350,777	13 874,544	5,902	5,438
30	28	97 974	32 468,981	708 007,423	21,806	21,341	80	78	39 420	2 073,337	11 523,767	5,558	5,094
31	29	97 887	31 267,469	675 538,442	21,605	21,141	81	79	35 674	1 808,480	9 450,429	5,226	4,761
32	30	97 789	30 107,168	644 270,973	21,399	20,935	82	80	31 874	1 557,447	7 641,950	4,907	4,442
33	31	97 689	28 989,418	614 163,806	21,186	20,721	83	81	28 089	1 322,909	6 084,502	4,599	4,135
34	32	97 585	27 911,846	585 174,388	20,965	20,501	84	82	24 401	1 107,659	4 761,594	4,299	3,834
35	33	97 473	26 872,117	557 262,542	20,738	20,273	85	83	20 792	909,699	3 653,935	4,017	3,552
36	34	97 356	25 869,616	530 390,425	20,502	20,038	86	84	17 371	732,552	2 744,236	3,746	3,282
37	35	97 229	24 902,024	504 520,809	20,260	19,796	87	85	14 166	575,815	2 011,683	3,494	3,029
38	36	97 098	23 969,008	479 618,785	20,009	19,545	88	86	11 236	440,223	1 435,868	3,262	2,797
39	37	96 945	23 066,904	455 649,146	19,753	19,289	89	87	8 668	327,331	995,646	3,042	2,577
40	38	96 782	22 195,785	432 582,242	19,489	19,025	90	88	6 437	234,276	668,315	2,853	2,388
41	39	96 604	21 354,188	410 386,457	19,218	18,754	91	89	4 655	163,313	434,039	2,658	2,193
42	40	96 408	20 540,565	389 032,268	18,940	18,475	92	90	3 198	108,132	270,725	2,504	2,039
43	41	96 193	19 753,895	368 491,704	18,654	18,190	93	91	2 118	69,032	162,594	2,355	1,891
44	42	95 944	18 990,713	348 737,809	18,364	17,899	94	92	1 333	41,875	93,562	2,234	1,770
45	43	95 668	18 251,627	329 747,096	18,067	17,602	95	93	807	24,427	51,687	2,116	1,652
46	44	95 358	17 534,991	311 495,469	17,764	17,300	96	94	465	13,570	27,261	2,009	1,544
47	45	95 016	16 840,455	293 960,478	17,456	16,991	97	95	255	7,161	13,690	1,912	1,447
48	46	94 621	16 164,365	277 120,023	17,144	16,679	98	96	132	3,580	6,530	1,824	1,360
49	47	94 185	15 508,258	260 955,658	16,827	16,362	99	97	65	1,691	2,950	1,744	1,280
							100	98	30	0,753	1,259	1,672	1,208

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	47	93 847	14 894,148	247 334,927	16,606	16,142
1							51	48	93 319	14 274,992	232 440,779	16,283	15,819
2							52	49	92 713	13 669,717	218 165,787	15,960	15,495
3	0	99 562	89 151,478	2 254 151,446	25,285	24,820	53	50	92 059	13 082,698	204 496,070	15,631	15,167
4	1	99 234	85 646,316	2 164 999,968	25,278	24,814	54	51	91 349	12 512,600	191 413,372	15,298	14,833
5	2	99 195	82 517,916	2 079 353,652	25,199	24,734	55	52	90 561	11 956,323	178 900,772	14,963	14,498
6	3	99 169	79 514,903	1 996 835,736	25,113	24,648	56	53	89 702	11 414,769	166 944,449	14,625	14,161
7	4	99 148	76 624,211	1 917 320,833	25,022	24,558	57	54	88 780	10 889,152	155 529,680	14,283	13,819
8	5	99 128	73 839,774	1 840 696,623	24,928	24,464	58	55	87 785	10 377,906	144 640,528	13,937	13,473
9	6	99 109	71 157,746	1 766 856,848	24,830	24,366	59	56	86 705	9 879,704	134 262,622	13,590	13,125
10	7	99 093	68 574,420	1 695 699,103	24,728	24,263	60	57	85 553	9 396,153	124 382,919	13,238	12,773
11	8	99 076	66 084,247	1 627 124,683	24,622	24,158	61	58	84 326	8 926,600	114 986,766	12,881	12,417
12	9	99 060	63 685,503	1 561 040,436	24,512	24,047	62	59	83 016	8 470,348	106 060,166	12,521	12,057
13	10	99 042	61 372,553	1 497 354,932	24,398	23,933	63	60	81 634	8 028,225	97 589,818	12,156	11,691
14	11	99 024	59 143,510	1 435 982,380	24,280	23,815	64	61	80 167	7 599,037	89 561,593	11,786	11,321
15	12	99 001	56 992,679	1 376 838,870	24,158	23,694	65	62	78 583	7 179,631	81 962,557	11,416	10,952
16	13	98 976	54 918,501	1 319 846,191	24,033	23,568	66	63	76 911	6 772,924	74 782,926	11,041	10,577
17	14	98 941	52 915,008	1 264 927,689	23,905	23,440	67	64	75 130	6 376,879	68 010,002	10,665	10,201
18	15	98 897	50 979,613	1 212 012,681	23,774	23,310	68	65	73 244	5 992,127	61 633,123	10,286	9,821
19	16	98 837	49 107,140	1 161 033,068	23,643	23,178	69	66	71 280	5 620,709	55 640,996	9,899	9,435
20	17	98 773	47 301,773	1 111 925,928	23,507	23,043	70	67	69 191	5 258,720	50 020,287	9,512	9,047
21	18	98 704	45 560,235	1 064 624,155	23,367	22,903	71	68	66 998	4 908,007	44 761,567	9,120	8,656
22	19	98 628	43 879,723	1 019 063,920	23,224	22,760	72	69	64 693	4 567,893	39 853,559	8,725	8,260
23	20	98 556	42 262,505	975 184,197	23,074	22,610	73	70	62 271	4 237,938	35 285,667	8,326	7,862
24	21	98 482	40 704,610	932 921,692	22,919	22,455	74	71	59 711	3 916,844	31 047,728	7,927	7,462
25	22	98 407	39 203,199	892 217,082	22,759	22,294	75	72	56 946	3 600,443	27 130,884	7,535	7,071
26	23	98 330	37 756,985	853 013,882	22,592	22,128	76	73	54 021	3 292,026	23 530,441	7,148	6,683
27	24	98 251	36 362,816	815 256,897	22,420	21,956	77	74	50 930	2 991,532	20 238,415	6,765	6,301
28	25	98 169	35 019,233	778 894,081	22,242	21,777	78	75	47 646	2 697,473	17 246,883	6,394	5,929
29	26	98 088	33 725,774	743 874,848	22,057	21,592	79	76	44 161	2 409,800	14 549,410	6,038	5,573
30	27	98 001	32 477,706	710 149,074	21,866	21,401	80	77	40 544	2 132,457	12 139,610	5,693	5,228
31	28	97 912	31 275,377	677 671,369	21,668	21,203	81	78	36 856	1 868,396	10 007,154	5,356	4,892
32	29	97 817	30 115,809	646 395,992	21,464	20,999	82	79	33 075	1 616,122	8 138,757	5,036	4,572
33	30	97 717	28 997,625	616 280,183	21,253	20,788	83	80	29 314	1 380,569	6 522,635	4,725	4,260
34	31	97 615	27 920,279	587 282,558	21,034	20,570	84	81	25 620	1 163,007	5 142,066	4,421	3,957
35	32	97 508	26 881,645	559 362,279	20,808	20,344	85	82	22 005	962,792	3 979,060	4,133	3,668
36	33	97 391	25 879,079	532 480,634	20,576	20,111	86	83	18 533	781,565	3 016,268	3,859	3,395
37	34	97 270	24 912,606	506 601,555	20,335	19,871	87	84	15 270	620,701	2 234,703	3,600	3,136
38	35	97 136	23 979,176	481 688,949	20,088	19,623	88	85	12 250	479,940	1 614,001	3,363	2,899
39	36	96 991	23 077,871	457 709,773	19,833	19,369	89	86	9 570	361,382	1 134,061	3,138	2,674
40	37	96 834	22 207,637	434 631,901	19,571	19,107	90	87	7 218	262,727	772,680	2,941	2,477
41	38	96 658	21 366,083	412 424,264	19,303	18,838	91	88	5 304	186,067	509,953	2,741	2,276
42	39	96 472	20 554,162	391 058,181	19,026	18,561	92	89	3 725	125,957	323,886	2,571	2,107
43	40	96 260	19 767,855	370 504,019	18,743	18,278	93	90	2 506	81,674	197,929	2,423	1,959
44	41	96 021	19 005,946	350 736,163	18,454	17,990	94	91	1 621	50,923	116,255	2,283	1,819
45	42	95 753	18 267,887	331 730,217	18,159	17,695	95	92	995	30,128	65,332	2,168	1,704
46	43	95 456	17 552,964	313 462,330	17,858	17,394	96	93	587	17,118	35,204	2,057	1,592
47	44	95 122	16 859,390	295 909,366	17,552	17,087	97	94	329	9,250	18,086	1,955	1,491
48	45	94 741	16 184,908	279 049,976	17,241	16,777	98	95	175	4,742	8,836	1,863	1,399
49	46	94 318	15 530,141	262 865,068	16,926	16,462	99	96	88	2,300	4,094	1,780	1,316
							100	97	42	1,052	1,794	1,705	1,240

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4	0	99 548	85 917,186	2 167 431,967	25,227	24,763
5	1	99 221	82 539,704	2 081 514,781	25,218	24,754
6	2	99 184	79 526,748	1 998 975,078	25,136	24,671
7	3	99 159	76 632,773	1 919 448,330	25,047	24,583
8	4	99 140	73 848,576	1 842 815,557	24,954	24,490
9	5	99 119	71 164,939	1 768 966,981	24,857	24,393
10	6	99 102	68 580,393	1 697 802,043	24,756	24,292
11	7	99 084	66 089,920	1 629 221,650	24,652	24,187
12	8	99 067	63 690,194	1 563 131,731	24,543	24,078
13	9	99 049	61 376,787	1 499 441,537	24,430	23,966
14	10	99 031	59 147,708	1 438 064,750	24,313	23,849
15	11	99 009	56 997,237	1 378 917,042	24,193	23,728
16	12	98 984	54 922,923	1 321 919,806	24,069	23,604
17	13	98 950	52 919,749	1 266 996,883	23,942	23,477
18	14	98 908	50 985,139	1 214 077,134	23,812	23,348
19	15	98 849	49 113,318	1 163 091,995	23,682	23,217
20	16	98 788	47 309,053	1 113 978,677	23,547	23,082
21	17	98 720	45 567,547	1 066 669,625	23,409	22,944
22	18	98 651	43 889,748	1 021 102,077	23,265	22,801
23	19	98 576	42 271,235	977 212,329	23,118	22,653
24	20	98 504	40 713,649	934 941,094	22,964	22,499
25	21	98 427	39 211,406	894 227,445	22,805	22,341
26	22	98 353	37 765,457	855 016,039	22,640	22,176
27	23	98 273	36 371,130	817 250,582	22,470	22,005
28	24	98 189	35 026,313	780 879,452	22,294	21,830
29	25	98 110	33 733,194	745 853,139	22,110	21,646
30	26	98 024	32 485,394	712 119,945	21,921	21,457
31	27	97 938	31 283,782	679 634,551	21,725	21,260
32	28	97 842	30 123,426	648 350,770	21,523	21,059
33	29	97 745	29 005,947	618 227,344	21,314	20,849
34	30	97 642	27 928,183	589 221,396	21,098	20,633
35	31	97 537	26 889,767	561 293,213	20,874	20,409
36	32	97 426	25 888,255	534 403,446	20,643	20,178
37	33	97 306	24 921,719	508 515,191	20,404	19,940
38	34	97 178	23 989,366	483 593,472	20,159	19,694
39	35	97 030	23 087,054	459 604,106	19,907	19,443
40	36	96 880	22 218,196	436 517,052	19,647	19,182
41	37	96 709	21 377,492	414 298,856	19,380	18,916
42	38	96 525	20 565,611	392 921,364	19,106	18,641
43	39	96 324	19 780,941	372 355,753	18,824	18,360
44	40	96 089	19 019,378	352 574,811	18,538	18,073
45	41	95 830	18 282,540	333 555,433	18,244	17,780
46	42	95 541	17 568,601	315 272,893	17,945	17,481
47	43	95 220	16 876,671	297 704,291	17,640	17,176
48	44	94 848	16 203,106	280 827,620	17,332	16,867
49	45	94 437	15 549,878	264 624,514	17,018	16,553
50	46	93 980	14 915,165	249 074,636	16,699	16,235
51	47	93 472	14 298,371	234 159,471	16,377	15,912
52	48	92 877	13 693,934	219 861,100	16,055	15,591
53	49	92 249	13 109,673	206 167,166	15,726	15,262
54	50	91 551	12 540,227	193 057,493	15,395	14,931
55	51	90 784	11 985,649	180 517,266	15,061	14,597
56	52	89 949	11 446,193	168 531,617	14,724	14,259
57	53	89 048	10 921,990	157 085,424	14,382	13,918
58	54	88 066	10 411,130	146 163,435	14,039	13,575
59	55	87 013	9 914,833	135 752,305	13,692	13,227
60	56	85 877	9 431,731	125 837,471	13,342	12,878
61	57	84 664	8 962,419	116 405,740	12,988	12,524
62	58	83 384	8 507,887	107 443,321	12,629	12,164
63	59	82 021	8 066,314	98 935,434	12,265	11,801
64	60	80 602	7 640,212	90 869,120	11,894	11,429
65	61	79 037	7 221,128	83 228,908	11,526	11,061
66	62	77 400	6 815,916	76 007,779	11,152	10,687
67	63	75 639	6 420,137	69 191,863	10,777	10,313
68	64	73 786	6 036,492	62 771,725	10,399	9,934
69	65	71 842	5 664,951	56 735,234	10,015	9,551
70	66	69 788	5 304,093	51 070,282	9,628	9,164
71	67	67 615	4 953,242	45 766,190	9,240	8,775
72	68	65 328	4 612,685	40 812,948	8,848	8,384
73	69	62 940	4 283,435	36 200,263	8,451	7,987
74	70	60 412	3 962,831	31 916,828	8,054	7,590
75	71	57 689	3 647,412	27 953,997	7,664	7,200
76	72	54 814	3 340,387	24 306,585	7,277	6,812
77	73	51 772	3 040,982	20 966,198	6,895	6,430
78	74	48 550	2 748,618	17 925,215	6,522	6,057
79	75	45 130	2 462,643	15 176,598	6,163	5,698
80	76	41 562	2 185,998	12 713,955	5,816	5,352
81	77	37 907	1 921,672	10 527,957	5,479	5,014
82	78	34 171	1 669,665	8 606,285	5,154	4,690
83	79	30 418	1 432,580	6 936,619	4,842	4,378
84	80	26 737	1 213,698	5 504,039	4,535	4,071
85	81	23 105	1 010,901	4 290,342	4,244	3,780
86	82	19 614	827,180	3 279,441	3,965	3,500
87	83	16 292	662,231	2 452,261	3,703	3,239
88	84	13 205	517,353	1 790,030	3,460	2,996
89	85	10 433	393,986	1 272,678	3,230	2,766
90	86	7 969	290,057	878,692	3,029	2,565
91	87	5 948	208,663	588,635	2,821	2,357
92	88	4 244	143,505	379,972	2,648	2,183
93	89	2 919	95,138	236,466	2,486	2,021
94	90	1 918	60,249	141,328	2,346	1,881
95	91	1 210	36,638	81,079	2,213	1,749
96	92	723	21,113	44,441	2,105	1,640
97	93	415	11,669	23,328	1,999	1,535
98	94	226	6,125	11,659	1,903	1,439
99	95	117	3,046	5,534	1,817	1,352
100	96	57	1,431	2,487	1,738	1,274

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä_{xy}^{(12)}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä_{xy}^{(12)}$
0							50	45	94 099	14 934,120	250 675,740	16,785	16,321
1							51	46	93 604	14 318,547	235 741,620	16,464	16,000
2							52	47	93 029	13 716,361	221 423,073	16,143	15,679
3							53	48	92 412	13 132,898	207 706,712	15,816	15,351
4							54	49	91 740	12 566,083	194 573,814	15,484	15,020
5	0	99 535	82 800,748	2 083 763,696	25,166	24,702	55	50	90 984	12 012,112	182 007,731	15,152	14,688
6	1	99 210	79 547,746	2 000 962,947	25,154	24,690	56	51	90 169	11 474,268	169 995,619	14,815	14,351
7	2	99 174	76 644,188	1 921 415,202	25,069	24,605	57	52	89 293	10 952,057	158 521,351	14,474	14,010
8	3	99 151	73 856,828	1 844 771,013	24,978	24,513	58	53	88 332	10 442,526	147 569,294	14,132	13,667
9	4	99 131	71 173,421	1 770 914,185	24,882	24,417	59	54	87 291	9 946,575	137 126,768	13,786	13,322
10	5	99 112	68 587,325	1 699 740,764	24,782	24,318	60	55	86 183	9 465,268	127 180,193	13,437	12,972
11	6	99 093	66 095,676	1 631 153,439	24,679	24,214	61	56	84 985	8 996,355	117 714,924	13,085	12,620
12	7	99 076	63 695,661	1 565 057,763	24,571	24,106	62	57	83 719	8 542,026	108 718,569	12,727	12,263
13	8	99 056	61 381,307	1 501 362,103	24,460	23,995	63	58	82 385	8 102,063	100 176,543	12,364	11,900
14	9	99 038	59 151,788	1 439 980,796	24,344	23,879	64	59	80 984	7 676,461	92 074,481	11,994	11,530
15	10	99 016	57 001,282	1 380 829,007	24,225	23,760	65	60	79 466	7 260,257	84 398,020	11,625	11,160
16	11	98 992	54 927,315	1 323 827,725	24,101	23,637	66	61	77 847	6 855,312	77 137,763	11,252	10,788
17	12	98 958	52 924,009	1 268 900,410	23,976	23,511	67	62	76 119	6 460,890	70 282,451	10,878	10,414
18	13	98 916	50 989,706	1 215 976,401	23,847	23,383	68	63	74 287	6 077,441	63 821,561	10,501	10,037
19	14	98 860	49 118,642	1 164 986,695	23,718	23,253	69	64	72 373	5 706,894	57 744,120	10,118	9,654
20	15	98 801	47 315,004	1 115 868,053	23,584	23,119	70	65	70 337	5 345,843	52 037,227	9,734	9,270
21	16	98 735	45 574,560	1 068 553,048	23,446	22,982	71	66	68 199	4 995,979	46 691,384	9,346	8,881
22	17	98 667	43 896,792	1 022 978,488	23,304	22,840	72	67	65 930	4 655,197	41 695,405	8,957	8,492
23	18	98 599	42 280,893	979 081,696	23,157	22,692	73	68	63 557	4 325,438	37 040,207	8,563	8,099
24	19	98 525	40 722,059	936 800,803	23,005	22,540	74	69	61 061	4 005,374	32 714,770	8,168	7,703
25	20	98 449	39 220,113	896 078,744	22,847	22,383	75	70	58 366	3 690,236	28 709,395	7,780	7,315
26	21	98 373	37 773,363	856 858,631	22,684	22,220	76	71	55 529	3 383,963	25 019,159	7,393	6,929
27	22	98 295	36 379,291	819 085,269	22,515	22,051	77	72	52 533	3 085,656	21 635,196	7,012	6,547
28	23	98 211	35 034,321	782 705,978	22,341	21,877	78	73	49 352	2 794,052	18 549,541	6,639	6,175
29	24	98 130	33 740,015	747 671,657	22,160	21,695	79	74	45 985	2 509,335	15 755,488	6,279	5,814
30	25	98 045	32 492,541	713 931,642	21,972	21,508	80	75	42 474	2 233,934	13 246,153	5,930	5,465
31	26	97 961	31 291,187	681 439,101	21,777	21,313	81	76	38 858	1 969,921	11 012,219	5,590	5,126
32	27	97 868	30 131,521	650 147,914	21,577	21,113	82	77	35 145	1 717,275	9 042,298	5,265	4,801
33	28	97 770	29 013,284	620 016,393	21,370	20,906	83	78	31 426	1 480,042	7 325,024	4,949	4,485
34	29	97 670	27 936,199	591 003,109	21,155	20,691	84	79	27 744	1 259,422	5 844,981	4,641	4,177
35	30	97 565	26 897,380	563 066,910	20,934	20,469	85	80	24 112	1 054,962	4 585,559	4,347	3,882
36	31	97 455	25 896,077	536 169,531	20,705	20,240	86	81	20 595	868,513	3 530,597	4,065	3,601
37	32	97 340	24 930,556	510 273,454	20,468	20,003	87	82	17 243	700,880	2 662,085	3,798	3,334
38	33	97 213	23 998,141	485 342,898	20,224	19,760	88	83	14 089	551,967	1 961,204	3,553	3,089
39	34	97 071	23 096,865	461 344,757	19,974	19,510	89	84	11 247	424,698	1 409,237	3,318	2,854
40	35	96 918	22 227,036	438 247,892	19,717	19,252	90	85	8 688	316,226	984,539	3,113	2,649
41	36	96 755	21 387,656	416 020,856	19,451	18,987	91	86	6 567	230,369	668,312	2,901	2,437
42	37	96 577	20 576,593	394 633,200	19,179	18,714	92	87	4 759	160,933	437,943	2,721	2,257
43	38	96 378	19 791,960	374 056,607	18,899	18,435	93	88	3 326	108,393	277,010	2,556	2,091
44	39	96 152	19 031,969	354 264,647	18,614	18,150	94	89	2 234	70,181	168,617	2,403	1,938
45	40	95 898	18 295,461	335 232,678	18,323	17,859	95	90	1 432	43,348	98,436	2,271	1,806
46	41	95 618	17 582,694	316 937,217	18,026	17,561	96	91	880	25,675	55,088	2,146	1,681
47	42	95 305	16 891,706	299 354,523	17,722	17,258	97	92	512	14,392	29,413	2,044	1,579
48	43	94 945	16 219,714	282 462,817	17,415	16,950	98	93	285	7,727	15,020	1,944	1,479
49	44	94 544	15 567,362	266 243,103	17,103	16,638	99	94	151	3,935	7,294	1,854	1,389
							100	95	75	1,896	3,359	1,772	1,307

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	44	94 205	14 950,912	252 147,112	16,865	16,401
1							51	45	93 723	14 336,744	237 196,200	16,545	16,080
2							52	46	93 161	13 735,717	222 859,456	16,225	15,760
3							53	47	92 564	13 154,407	209 123,739	15,898	15,433
4							54	48	91 902	12 588,345	195 969,332	15,568	15,103
5							55	49	91 172	12 036,880	183 380,988	15,235	14,771
6	0	99 524	79 799,328	2 003 041,471	25,101	24,637	56	50	90 368	11 499,602	171 344,108	14,900	14,436
7	1	99 200	76 664,425	1 923 242,143	25,087	24,622	57	51	89 512	10 978,920	159 844,506	14,559	14,095
8	2	99 165	73 867,830	1 846 577,717	24,998	24,534	58	52	88 575	10 471,273	148 865,586	14,217	13,752
9	3	99 142	71 181,374	1 772 709,888	24,904	24,440	59	53	87 555	9 976,570	138 394,313	13,872	13,408
10	4	99 124	68 595,500	1 701 528,513	24,805	24,341	60	54	86 458	9 495,571	128 417,743	13,524	13,060
11	5	99 103	66 102,357	1 632 933,013	24,703	24,239	61	55	85 287	9 028,344	118 922,172	13,172	12,708
12	6	99 084	63 701,208	1 566 830,656	24,597	24,132	62	56	84 036	8 574,370	109 893,828	12,817	12,352
13	7	99 065	61 386,576	1 503 129,448	24,486	24,022	63	57	82 715	8 134,573	101 319,458	12,455	11,991
14	8	99 045	59 156,145	1 441 742,872	24,372	23,907	64	58	81 343	7 710,482	93 184,885	12,085	11,621
15	9	99 023	57 005,214	1 382 586,727	24,254	23,789	65	59	79 843	7 294,702	85 474,403	11,717	11,253
16	10	98 999	54 931,214	1 325 581,513	24,132	23,667	66	60	78 269	6 892,458	78 179,701	11,343	10,878
17	11	98 966	52 928,242	1 270 650,299	24,007	23,543	67	61	76 559	6 498,234	71 287,243	10,970	10,506
18	12	98 924	50 993,811	1 217 722,057	23,880	23,415	68	62	74 758	6 116,018	64 789,009	10,593	10,129
19	13	98 869	49 123,042	1 166 728,246	23,751	23,287	69	63	72 864	5 745,607	58 672,991	10,212	9,747
20	14	98 812	47 320,133	1 117 605,204	23,618	23,154	70	64	70 858	5 385,423	52 927,384	9,828	9,363
21	15	98 748	45 580,294	1 070 285,071	23,481	23,017	71	65	68 736	5 035,304	47 541,961	9,442	8,977
22	16	98 682	43 903,548	1 024 704,777	23,340	22,875	72	66	66 499	4 695,363	42 506,657	9,053	8,588
23	17	98 614	42 287,679	980 801,229	23,194	22,729	73	67	64 143	4 365,303	37 811,294	8,662	8,197
24	18	98 547	40 731,363	938 513,550	23,042	22,577	74	68	61 660	4 044,650	33 445,991	8,269	7,805
25	19	98 469	39 228,215	897 782,187	22,886	22,422	75	69	58 993	3 729,853	29 401,341	7,883	7,418
26	20	98 395	37 781,750	858 553,973	22,724	22,260	76	70	56 181	3 423,694	25 671,488	7,498	7,034
27	21	98 316	36 386,906	820 772,223	22,557	22,092	77	71	53 218	3 125,909	22 247,794	7,117	6,653
28	22	98 233	35 042,182	784 385,317	22,384	21,920	78	72	50 077	2 835,098	19 121,886	6,745	6,280
29	23	98 152	33 747,729	749 343,135	22,204	21,740	79	73	46 745	2 550,815	16 286,787	6,385	5,921
30	24	98 065	32 499,111	715 595,406	22,019	21,554	80	74	43 279	2 276,290	13 735,973	6,034	5,570
31	25	97 983	31 298,072	683 096,295	21,826	21,361	81	75	39 711	2 013,118	11 459,683	5,693	5,228
32	26	97 891	30 138,653	651 798,223	21,627	21,162	82	76	36 027	1 760,391	9 446,565	5,366	4,902
33	27	97 796	29 021,080	621 659,570	21,421	20,957	83	77	32 322	1 522,245	7 686,173	5,049	4,585
34	28	97 695	27 943,265	592 638,489	21,209	20,744	84	78	28 663	1 301,148	6 163,928	4,737	4,273
35	29	97 593	26 905,099	564 695,224	20,988	20,524	85	79	25 020	1 094,706	4 862,781	4,442	3,978
36	30	97 483	25 903,408	537 790,125	20,761	20,297	86	80	21 492	906,368	3 768,075	4,157	3,693
37	31	97 370	24 938,088	511 886,717	20,526	20,062	87	81	18 104	735,902	2 861,707	3,889	3,424
38	32	97 248	24 006,650	486 948,629	20,284	19,819	88	82	14 911	584,182	2 125,805	3,639	3,175
39	33	97 106	23 105,313	462 941,979	20,036	19,572	89	83	11 999	453,114	1 541,623	3,402	2,938
40	34	96 959	22 236,482	439 836,666	19,780	19,316	90	84	9 365	340,877	1 088,510	3,193	2,729
41	35	96 794	21 396,166	417 600,184	19,518	19,053	91	85	7 159	251,153	747,633	2,977	2,512
42	36	96 623	20 586,376	396 204,017	19,246	18,782	92	86	5 254	177,674	496,479	2,794	2,330
43	37	96 429	19 802,528	375 617,642	18,968	18,504	93	87	3 730	121,557	318,805	2,623	2,158
44	38	96 206	19 042,570	355 815,113	18,685	18,221	94	88	2 545	79,959	197,248	2,467	2,002
45	39	95 961	18 307,572	336 772,543	18,395	17,931	95	89	1 668	50,494	117,289	2,323	1,858
46	40	95 685	17 595,120	318 464,971	18,100	17,635	96	90	1 041	30,378	66,796	2,199	1,734
47	41	95 381	16 905,256	300 869,851	17,797	17,333	97	91	622	17,502	36,418	2,081	1,616
48	42	95 030	16 234,164	283 964,595	17,492	17,027	98	92	352	9,530	18,916	1,985	1,520
49	43	94 641	15 583,319	267 730,431	17,181	16,716	99	93	190	4,964	9,386	1,891	1,426
							100	94	97	2,449	4,422	1,806	1,341

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	43	94 301	14 966,237	253 497,991	16,938	16,474
1							51	44	93 828	14 352,865	238 531,755	16,619	16,155
2							52	45	93 279	13 753,173	224 178,890	16,300	15,836
3							53	46	92 694	13 172,969	210 425,717	15,974	15,510
4							54	47	92 053	12 608,962	197 252,748	15,644	15,179
5							55	48	91 333	12 058,204	184 643,787	15,313	14,848
6							56	49	90 555	11 523,313	172 585,583	14,977	14,513
7	0	99 513	76 906,888	1 925 162,493	25,032	24,568	57	50	89 710	11 003,160	161 062,270	14,638	14,173
8	1	99 192	73 887,334	1 848 255,604	25,015	24,550	58	51	88 792	10 496,957	150 059,110	14,295	13,831
9	2	99 157	71 191,978	1 774 368,271	24,924	24,459	59	52	87 796	10 004,035	139 562,153	13,951	13,486
10	3	99 135	68 603,165	1 703 176,293	24,826	24,362	60	53	86 719	9 524,206	129 558,118	13,603	13,139
11	4	99 115	66 110,236	1 634 573,128	24,725	24,261	61	54	85 560	9 057,247	120 033,912	13,253	12,788
12	5	99 094	63 707,648	1 568 462,892	24,620	24,155	62	55	84 335	8 604,859	110 976,665	12,897	12,433
13	6	99 073	61 391,922	1 504 755,244	24,511	24,046	63	56	83 028	8 165,375	102 371,806	12,537	12,073
14	7	99 054	59 161,222	1 443 363,322	24,397	23,933	64	57	81 669	7 741,421	94 206,431	12,169	11,705
15	8	99 030	57 009,413	1 384 202,099	24,280	23,816	65	58	80 196	7 327,031	86 465,011	11,801	11,336
16	9	99 005	54 935,003	1 327 192,686	24,159	23,695	66	59	78 640	6 925,159	79 137,979	11,428	10,963
17	10	98 973	52 931,998	1 272 257,683	24,036	23,571	67	60	76 974	6 533,445	72 212,821	11,053	10,588
18	11	98 932	50 997,890	1 219 325,685	23,909	23,445	68	61	75 190	6 151,368	65 679,376	10,677	10,213
19	12	98 877	49 126,997	1 168 327,795	23,782	23,317	69	62	73 327	5 782,078	59 528,007	10,295	9,831
20	13	98 820	47 324,372	1 119 200,798	23,650	23,185	70	63	71 338	5 421,955	53 745,929	9,913	9,448
21	14	98 758	45 585,234	1 071 876,426	23,514	23,049	71	64	69 244	5 072,584	48 323,974	9,526	9,062
22	15	98 694	43 909,071	1 026 291,192	23,373	22,909	72	65	67 022	4 732,322	43 251,390	9,140	8,675
23	16	98 630	42 294,187	982 382,120	23,227	22,763	73	66	64 696	4 402,967	38 519,068	8,748	8,284
24	17	98 563	40 737,900	940 087,934	23,076	22,612	74	67	62 228	4 081,928	34 116,101	8,358	7,893
25	18	98 492	39 237,177	899 350,034	22,921	22,456	75	68	59 571	3 766,427	30 034,173	7,974	7,510
26	19	98 415	37 789,555	860 112,857	22,761	22,296	76	69	56 784	3 460,449	26 267,746	7,591	7,126
27	20	98 338	36 394,985	822 323,302	22,594	22,130	77	70	53 843	3 162,610	22 807,297	7,212	6,747
28	21	98 254	35 049,518	785 928,316	22,423	21,959	78	71	50 730	2 872,083	19 644,687	6,840	6,375
29	22	98 174	33 755,301	750 878,799	22,245	21,780	79	72	47 432	2 588,287	16 772,604	6,480	6,016
30	23	98 088	32 506,541	717 123,498	22,061	21,596	80	73	43 994	2 313,917	14 184,317	6,130	5,666
31	24	98 002	31 304,400	684 616,957	21,870	21,405	81	74	40 463	2 051,288	11 870,400	5,787	5,322
32	25	97 913	30 145,285	653 312,557	21,672	21,208	82	75	36 818	1 798,994	9 819,113	5,458	4,994
33	26	97 819	29 027,950	623 167,272	21,468	21,003	83	76	33 133	1 560,465	8 020,118	5,140	4,675
34	27	97 721	27 950,774	594 139,322	21,257	20,792	84	77	29 481	1 338,249	6 459,654	4,827	4,363
35	28	97 618	26 911,904	566 188,548	21,039	20,574	85	78	25 849	1 130,975	5 121,405	4,528	4,064
36	29	97 511	25 910,842	539 276,643	20,813	20,348	86	79	22 302	940,514	3 990,430	4,243	3,778
37	30	97 397	24 945,148	513 365,801	20,580	20,115	87	80	18 894	767,977	3 049,916	3,971	3,507
38	31	97 277	24 013,903	488 420,653	20,339	19,875	88	81	15 656	613,372	2 281,939	3,720	3,256
39	32	97 141	23 113,506	464 406,749	20,092	19,628	89	82	12 699	479,559	1 668,567	3,479	3,015
40	33	96 995	22 244,615	441 293,243	19,838	19,374	90	83	9 992	363,684	1 189,008	3,269	2,805
41	34	96 835	21 405,259	419 048,628	19,577	19,112	91	84	7 717	270,732	825,324	3,048	2,584
42	35	96 661	20 594,567	397 643,369	19,308	18,844	92	85	5 729	193,704	554,592	2,863	2,399
43	36	96 475	19 811,943	377 048,802	19,031	18,567	93	86	4 118	134,202	360,888	2,689	2,225
44	37	96 257	19 052,739	357 236,859	18,750	18,285	94	87	2 854	89,669	226,687	2,528	2,064
45	38	96 015	18 317,770	338 184,120	18,462	17,998	95	88	1 900	57,529	137,017	2,382	1,917
46	39	95 749	17 606,768	319 866,350	18,167	17,703	96	89	1 212	35,385	79,489	2,246	1,782
47	40	95 449	16 917,203	302 259,582	17,867	17,403	97	90	736	20,707	44,104	2,130	1,665
48	41	95 106	16 247,186	285 342,379	17,563	17,098	98	91	427	11,590	23,396	2,019	1,554
49	42	94 725	15 597,202	269 095,193	17,253	16,788	99	92	234	6,122	11,807	1,928	1,464
							100	93	123	3,089	5,684	1,840	1,376

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$
0							50	42	94 385	14 979,570	254 736,667	17,006	16,541
1							51	43	93 924	14 367,576	239 757,097	16,687	16,223
2							52	44	93 384	13 768,637	225 389,521	16,370	15,905
3							53	45	92 812	13 189,710	211 620,884	16,044	15,580
4							54	46	92 183	12 626,754	198 431,174	15,715	15,251
5							55	47	91 483	12 077,953	185 804,419	15,384	14,919
6							56	48	90 715	11 543,727	173 726,467	15,049	14,585
7							57	49	89 895	11 025,847	162 182,740	14,709	14,245
8	0	99 505	74 121,014	1 850 029,465	24,960	24,495	58	50	88 988	10 520,133	151 156,893	14,368	13,904
9	1	99 183	71 210,775	1 775 908,451	24,939	24,474	59	51	88 011	10 028,573	140 636,760	14,024	13,559
10	2	99 149	68 613,385	1 704 697,676	24,845	24,381	60	52	86 958	9 550,425	130 608,187	13,676	13,211
11	3	99 126	66 117,624	1 636 084,291	24,745	24,281	61	53	85 818	9 084,560	121 057,762	13,326	12,861
12	4	99 106	63 715,241	1 569 966,668	24,640	24,176	62	54	84 605	8 632,407	111 973,201	12,971	12,507
13	5	99 083	61 398,128	1 506 251,427	24,533	24,068	63	55	83 324	8 194,409	103 340,794	12,611	12,147
14	6	99 062	59 166,375	1 444 853,299	24,420	23,956	64	56	81 979	7 770,734	95 146,386	12,244	11,780
15	7	99 039	57 014,306	1 385 686,923	24,304	23,840	65	57	80 518	7 356,432	87 375,652	11,877	11,413
16	8	99 013	54 939,049	1 328 672,617	24,184	23,720	66	58	78 989	6 955,850	80 019,220	11,504	11,039
17	9	98 980	52 935,650	1 273 733,568	24,062	23,598	67	59	77 339	6 564,442	73 063,370	11,130	10,666
18	10	98 939	51 001,509	1 220 797,918	23,937	23,472	68	60	75 598	6 184,700	66 498,928	10,752	10,288
19	11	98 885	49 130,926	1 169 796,409	23,810	23,345	69	61	73 751	5 815,498	60 314,228	10,371	9,907
20	12	98 828	47 328,182	1 120 665,483	23,679	23,214	70	62	71 791	5 456,372	54 498,730	9,988	9,524
21	13	98 767	45 589,318	1 073 337,301	23,544	23,079	71	63	69 714	5 106,995	49 042,358	9,603	9,139
22	14	98 705	43 913,831	1 027 747,982	23,404	22,939	72	64	67 518	4 767,359	43 935,363	9,216	8,751
23	15	98 642	42 299,508	983 834,151	23,259	22,794	73	65	65 205	4 437,624	39 168,004	8,826	8,362
24	16	98 578	40 744,169	941 534,644	23,108	22,644	74	66	62 765	4 117,147	34 730,380	8,436	7,971
25	17	98 508	39 243,474	900 790,474	22,954	22,489	75	67	60 120	3 801,140	30 613,233	8,054	7,589
26	18	98 438	37 798,188	861 547,000	22,793	22,329	76	68	57 341	3 494,382	26 812,093	7,673	7,208
27	19	98 358	36 402,504	823 748,812	22,629	22,164	77	69	54 421	3 196,562	23 317,711	7,295	6,830
28	20	98 276	35 057,300	787 346,308	22,459	21,994	78	70	51 326	2 905,804	20 121,149	6,924	6,460
29	21	98 195	33 762,367	752 289,008	22,282	21,817	79	71	48 051	2 622,052	17 215,345	6,566	6,101
30	22	98 110	32 513,835	718 526,641	22,099	21,635	80	72	44 641	2 347,909	14 593,293	6,215	5,751
31	23	98 025	31 311,557	686 012,806	21,909	21,445	81	73	41 132	2 085,195	12 245,384	5,873	5,408
32	24	97 932	30 151,380	654 701,249	21,714	21,249	82	74	37 516	1 833,104	10 160,188	5,543	5,078
33	25	97 841	29 034,337	624 549,869	21,511	21,046	83	75	33 860	1 594,683	8 327,085	5,222	4,757
34	26	97 744	27 957,390	595 515,532	21,301	20,836	84	76	30 221	1 371,849	6 732,401	4,908	4,443
35	27	97 644	26 919,136	567 558,141	21,084	20,619	85	77	26 586	1 163,223	5 360,552	4,608	4,144
36	28	97 536	25 917,396	540 639,005	20,860	20,396	86	78	23 041	971,674	4 197,328	4,320	3,855
37	29	97 425	24 952,307	514 721,609	20,628	20,164	87	79	19 605	796,910	3 225,655	4,048	3,583
38	30	97 305	24 020,702	489 769,301	20,389	19,925	88	80	16 338	640,107	2 428,745	3,794	3,330
39	31	97 170	23 120,489	465 748,599	20,144	19,680	89	81	13 334	503,521	1 788,638	3,552	3,088
40	32	97 029	22 252,503	442 628,110	19,891	19,427	90	82	10 575	384,910	1 285,117	3,339	2,874
41	33	96 871	21 413,088	420 375,607	19,632	19,167	91	83	8 233	288,846	900,207	3,117	2,652
42	34	96 702	20 603,319	398 962,519	19,364	18,900	92	84	6 175	208,804	611,362	2,928	2,463
43	35	96 514	19 819,827	378 359,200	19,090	18,626	93	85	4 489	146,309	402,558	2,751	2,287
44	36	96 303	19 061,797	358 539,373	18,809	18,345	94	86	3 151	98,997	256,248	2,588	2,124
45	37	96 066	18 327,551	339 477,576	18,523	18,058	95	87	2 131	64,515	157,251	2,437	1,973
46	38	95 802	17 616,575	321 150,025	18,230	17,766	96	88	1 381	40,315	92,736	2,300	1,836
47	39	95 512	16 928,402	303 533,450	17,930	17,466	97	89	858	24,121	52,421	2,173	1,709
48	40	95 173	16 258,668	286 605,048	17,628	17,163	98	90	506	13,712	28,300	2,064	1,599
49	41	94 801	15 609,713	270 346,379	17,319	16,855	99	91	285	7,445	14,588	1,959	1,495
							100	92	151	3,810	7,143	1,875	1,410

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	41	94 461	14 991,586	255 871,639	17,068	16,603
1							51	42	94 008	14 380,376	240 880,053	16,751	16,286
2							52	43	93 480	13 782,750	226 499,677	16,434	15,969
3							53	44	92 917	13 204,541	212 716,928	16,109	15,645
4							54	45	92 300	12 642,801	199 512,387	15,781	15,316
5							55	46	91 612	12 094,996	186 869,586	15,450	14,986
6							56	47	90 864	11 562,633	174 774,590	15,115	14,651
7							57	48	90 054	11 045,380	163 211,957	14,776	14,312
8							58	49	89 171	10 541,824	152 166,577	14,435	13,970
9	0	99 497	71 435,990	1 777 546,910	24,883	24,419	59	50	88 205	10 050,715	141 624,753	14,091	13,627
10	1	99 176	68 631,501	1 706 110,920	24,859	24,395	60	51	87 171	9 573,850	131 574,038	13,743	13,279
11	2	99 140	66 127,473	1 637 479,419	24,762	24,298	61	52	86 054	9 109,570	122 000,188	13,393	12,928
12	3	99 117	63 722,361	1 571 351,946	24,659	24,195	62	53	84 860	8 658,439	112 890,618	13,038	12,574
13	4	99 095	61 405,446	1 507 629,585	24,552	24,088	63	54	83 590	8 220,643	104 232,179	12,679	12,215
14	5	99 072	59 172,356	1 446 224,138	24,441	23,976	64	55	82 270	7 798,365	96 011,537	12,312	11,847
15	6	99 047	57 019,272	1 387 051,782	24,326	23,862	65	56	80 823	7 384,287	88 213,172	11,946	11,482
16	7	99 021	54 943,765	1 330 032,510	24,207	23,743	66	57	79 306	6 983,761	80 828,885	11,574	11,109
17	8	98 987	52 939,549	1 275 088,745	24,086	23,621	67	58	77 682	6 593,535	73 845,124	11,200	10,735
18	9	98 946	51 005,028	1 222 149,197	23,961	23,497	68	59	75 957	6 214,043	67 251,589	10,823	10,358
19	10	98 892	49 134,413	1 171 144,169	23,836	23,371	69	60	74 150	5 847,010	61 037,546	10,439	9,975
20	11	98 836	47 331,967	1 122 009,756	23,705	23,241	70	61	72 206	5 487,910	55 190,537	10,057	9,592
21	12	98 775	45 592,988	1 074 677,789	23,571	23,107	71	62	70 157	5 139,412	49 702,627	9,671	9,206
22	13	98 714	43 917,765	1 029 084,800	23,432	22,968	72	63	67 976	4 799,699	44 563,215	9,285	8,820
23	14	98 653	42 304,093	985 167,035	23,288	22,823	73	64	65 688	4 470,480	39 763,516	8,895	8,430
24	15	98 590	40 749,295	942 862,943	23,138	22,674	74	65	63 259	4 149,554	35 293,037	8,505	8,041
25	16	98 523	39 249,514	902 113,647	22,984	22,520	75	66	60 639	3 833,937	31 143,482	8,123	7,659
26	17	98 454	37 804,255	862 864,134	22,825	22,360	76	67	57 870	3 526,588	27 309,545	7,744	7,279
27	18	98 381	36 410,821	825 059,879	22,660	22,195	77	68	54 955	3 227,907	23 782,958	7,368	6,903
28	19	98 296	35 064,542	788 649,058	22,491	22,027	78	69	51 877	2 936,999	20 555,050	6,999	6,534
29	20	98 216	33 769,864	753 584,516	22,315	21,851	79	70	48 615	2 652,837	17 618,052	6,641	6,177
30	21	98 130	32 520,641	719 814,652	22,134	21,670	80	71	45 223	2 378,538	14 965,214	6,292	5,827
31	22	98 047	31 318,583	687 294,011	21,945	21,481	81	72	41 737	2 115,828	12 586,676	5,949	5,484
32	23	97 955	30 158,273	655 975,428	21,751	21,287	82	73	38 136	1 863,405	10 470,848	5,619	5,155
33	24	97 860	29 040,207	625 817,155	21,550	21,086	83	74	34 502	1 624,919	8 607,443	5,297	4,833
34	25	97 766	27 963,542	596 776,948	21,341	20,877	84	75	30 884	1 401,932	6 982,524	4,981	4,516
35	26	97 667	26 925,509	568 813,406	21,125	20,661	85	76	27 253	1 192,429	5 580,592	4,680	4,216
36	27	97 562	25 924,361	541 887,897	20,903	20,438	86	77	23 698	999,380	4 388,163	4,391	3,926
37	28	97 450	24 958,619	515 963,536	20,673	20,208	87	78	20 255	823,312	3 388,783	4,116	3,652
38	29	97 333	24 027,596	491 004,918	20,435	19,971	88	79	16 954	664,222	2 565,471	3,862	3,398
39	30	97 198	23 127,035	466 977,322	20,192	19,727	89	80	13 915	525,468	1 901,249	3,618	3,154
40	31	97 059	22 259,226	443 850,287	19,940	19,476	90	81	11 104	404,143	1 375,781	3,404	2,940
41	32	96 905	21 420,681	421 591,061	19,681	19,217	91	82	8 714	305,703	971,638	3,178	2,714
42	33	96 738	20 610,855	400 170,380	19,416	18,951	92	83	6 588	222,774	665,935	2,989	2,525
43	34	96 555	19 828,249	379 559,524	19,142	18,678	93	84	4 839	157,715	443,160	2,810	2,345
44	35	96 341	19 069,382	359 731,275	18,864	18,400	94	85	3 436	107,929	285,446	2,645	2,180
45	36	96 112	18 336,265	340 661,893	18,579	18,114	95	86	2 352	71,226	177,517	2,492	2,028
46	37	95 853	17 625,982	322 325,628	18,287	17,823	96	87	1 549	45,211	106,291	2,351	1,887
47	38	95 565	16 937,832	304 699,646	17,989	17,525	97	88	977	27,482	61,079	2,223	1,758
48	39	95 236	16 269,431	287 761,815	17,687	17,223	98	89	589	15,973	33,598	2,103	1,639
49	40	94 868	15 620,745	271 492,383	17,380	16,916	99	90	337	8,809	17,625	2,001	1,536
							100	91	184	4,634	8,817	1,903	1,438

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	40	94 528	15 002,180	256 910,767	17,125	16,660
1							51	41	94 083	14 391,911	241 908,586	16,809	16,344
2							52	42	93 563	13 795,028	227 516,675	16,493	16,028
3							53	43	93 012	13 218,075	213 721,647	16,169	15,704
4							54	44	92 404	12 657,017	200 503,572	15,841	15,377
5							55	45	91 728	12 110,367	187 846,555	15,511	15,047
6							56	46	90 992	11 578,949	175 736,188	15,177	14,713
7							57	47	90 201	11 063,470	164 157,239	14,838	14,373
8							58	48	89 329	10 560,500	153 093,769	14,497	14,032
9							59	49	88 387	10 071,438	142 533,269	14,152	13,688
10	0	99 489	68 848,559	1 707 624,429	24,803	24,338	60	50	87 364	9 594,988	132 461,831	13,805	13,341
11	1	99 167	66 144,933	1 638 775,870	24,776	24,311	61	51	86 265	9 131,914	122 866,842	13,455	12,990
12	2	99 132	63 731,853	1 572 630,937	24,676	24,211	62	52	85 093	8 682,275	113 734,929	13,100	12,635
13	3	99 106	61 412,308	1 508 899,084	24,570	24,106	63	53	83 842	8 245,433	105 052,654	12,741	12,276
14	4	99 084	59 179,409	1 447 486,776	24,459	23,995	64	54	82 534	7 823,331	96 807,221	12,374	11,910
15	5	99 057	57 025,036	1 388 307,367	24,346	23,881	65	55	81 110	7 410,544	88 983,891	12,008	11,543
16	6	99 030	54 948,550	1 331 282,331	24,228	23,763	66	56	79 606	7 010,205	81 573,347	11,636	11,172
17	7	98 995	52 944,093	1 276 333,781	24,107	23,643	67	57	77 994	6 619,992	74 563,142	11,263	10,799
18	8	98 953	51 008,784	1 223 389,688	23,984	23,519	68	58	76 293	6 241,583	67 943,150	10,886	10,421
19	9	98 899	49 137,803	1 172 380,903	23,859	23,395	69	59	74 502	5 874,750	61 701,567	10,503	10,038
20	10	98 843	47 335,327	1 123 243,101	23,729	23,265	70	60	72 597	5 517,646	55 826,817	10,118	9,653
21	11	98 783	45 596,635	1 075 907,774	23,596	23,132	71	61	70 562	5 169,118	50 309,171	9,733	9,268
22	12	98 722	43 921,301	1 030 311,140	23,458	22,994	72	62	68 408	4 830,166	45 140,053	9,345	8,881
23	13	98 661	42 307,883	986 389,839	23,315	22,850	73	63	66 134	4 500,806	40 309,888	8,956	8,492
24	14	98 601	40 753,712	944 081,956	23,166	22,701	74	64	63 727	4 180,277	35 809,082	8,566	8,102
25	15	98 535	39 254,452	903 328,244	23,012	22,548	75	65	61 116	3 864,115	31 628,805	8,185	7,721
26	16	98 469	37 810,073	864 073,792	22,853	22,389	76	66	58 369	3 557,015	27 764,690	7,806	7,341
27	17	98 396	36 416,664	826 263,719	22,689	22,225	77	67	55 461	3 257,657	24 207,675	7,431	6,967
28	18	98 318	35 072,553	789 847,055	22,520	22,056	78	68	52 386	2 965,799	20 950,018	7,064	6,599
29	19	98 237	33 776,840	754 774,502	22,346	21,881	79	69	49 137	2 681,317	17 984,219	6,707	6,243
30	20	98 152	32 527,862	720 997,662	22,166	21,701	80	70	45 754	2 406,465	15 302,902	6,359	5,895
31	21	98 067	31 325,139	688 469,800	21,978	21,514	81	71	42 281	2 143,429	12 896,437	6,017	5,552
32	22	97 977	30 165,040	657 144,661	21,785	21,321	82	72	38 696	1 890,779	10 753,008	5,687	5,223
33	23	97 883	29 046,847	626 979,621	21,585	21,121	83	73	35 072	1 651,779	8 862,229	5,365	4,901
34	24	97 786	27 969,195	597 932,774	21,378	20,914	84	74	31 469	1 428,513	7 210,450	5,048	4,583
35	25	97 688	26 931,433	569 963,578	21,164	20,699	85	75	27 851	1 218,578	5 781,937	4,745	4,280
36	26	97 585	25 930,498	543 032,146	20,942	20,477	86	76	24 293	1 024,472	4 563,359	4,454	3,990
37	27	97 476	24 965,326	517 101,648	20,713	20,248	87	77	20 832	846,788	3 538,887	4,179	3,715
38	28	97 357	24 033,673	492 136,322	20,477	20,013	88	78	17 515	686,228	2 692,099	3,923	3,459
39	29	97 226	23 133,673	468 102,649	20,235	19,770	89	79	14 439	545,264	2 005,871	3,679	3,214
40	30	97 086	22 265,528	444 968,976	19,985	19,520	90	80	11 588	421,758	1 460,607	3,463	2,999
41	31	96 934	21 427,153	422 703,448	19,727	19,263	91	81	9 149	320,979	1 038,849	3,237	2,772
42	32	96 772	20 618,164	401 276,296	19,462	18,998	92	82	6 973	235,776	717,870	3,045	2,580
43	33	96 590	19 835,502	380 658,132	19,191	18,726	93	83	5 163	168,267	482,094	2,865	2,401
44	34	96 382	19 077,486	360 822,630	18,914	18,449	94	84	3 704	116,342	313,827	2,697	2,233
45	35	96 150	18 343,561	341 745,145	18,630	18,166	95	85	2 565	77,652	197,485	2,543	2,079
46	36	95 899	17 634,362	323 401,584	18,339	17,875	96	86	1 710	49,914	119,833	2,401	1,936
47	37	95 616	16 946,876	305 767,222	18,043	17,578	97	87	1 096	30,819	69,918	2,269	1,804
48	38	95 289	16 278,494	288 820,346	17,742	17,278	98	88	671	18,198	39,099	2,149	1,684
49	39	94 931	15 631,085	272 541,852	17,436	16,971	99	89	393	10,261	20,901	2,037	1,573
							100	90	218	5,482	10,641	1,941	1,477

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	39	94 590	15 012,112	257 862,110	17,177	16,713
1							51	40	94 150	14 402,082	242 849,999	16,862	16,398
2							52	41	93 638	13 806,094	228 447,917	16,547	16,082
3							53	42	93 095	13 229,851	214 641,823	16,224	15,760
4							54	43	92 498	12 669,990	201 411,972	15,897	15,432
5							55	44	91 831	12 123,984	188 741,982	15,568	15,103
6							56	45	91 108	11 593,664	176 617,998	15,234	14,770
7							57	46	90 329	11 079,082	165 024,334	14,895	14,431
8							58	47	89 476	10 577,796	153 945,252	14,554	14,089
9							59	48	88 544	10 089,280	143 367,456	14,210	13,745
10							60	49	87 544	9 614,772	133 278,176	13,862	13,397
11	0	99 480	66 354,126	1 640 174,227	24,718	24,254	61	50	86 456	9 152,076	123 663,404	13,512	13,048
12	1	99 158	63 748,681	1 573 820,101	24,688	24,223	62	51	85 302	8 703,571	114 511,328	13,157	12,692
13	2	99 121	61 421,456	1 510 071,420	24,585	24,121	63	52	84 073	8 268,132	105 807,757	12,797	12,333
14	3	99 095	59 186,022	1 448 649,964	24,476	24,012	64	53	82 782	7 846,923	97 539,626	12,430	11,966
15	4	99 069	57 031,833	1 389 463,942	24,363	23,899	65	54	81 370	7 434,268	89 692,703	12,065	11,600
16	5	99 040	54 954,105	1 332 432,109	24,246	23,782	66	55	79 889	7 035,132	82 258,435	11,693	11,228
17	6	99 004	52 948,704	1 277 478,004	24,127	23,662	67	56	78 289	6 645,059	75 223,303	11,320	10,856
18	7	98 962	51 013,163	1 224 529,300	24,004	23,540	68	57	76 599	6 266,628	68 578,244	10,943	10,479
19	8	98 906	49 141,422	1 173 516,137	23,880	23,416	69	58	74 832	5 900,786	62 311,617	10,560	10,095
20	9	98 850	47 338,592	1 124 374,716	23,752	23,287	70	59	72 942	5 543,824	56 410,831	10,175	9,711
21	10	98 790	45 599,871	1 077 036,123	23,619	23,155	71	60	70 945	5 197,127	50 867,006	9,788	9,323
22	11	98 730	43 924,813	1 031 436,253	23,482	23,017	72	61	68 803	4 858,084	45 669,880	9,401	8,936
23	12	98 669	42 311,289	987 511,439	23,339	22,875	73	62	66 553	4 529,375	40 811,796	9,010	8,546
24	13	98 610	40 757,363	945 200,151	23,191	22,726	74	63	64 160	4 208,634	36 282,421	8,621	8,157
25	14	98 546	39 258,707	904 442,787	23,038	22,574	75	64	61 569	3 892,724	32 073,786	8,239	7,775
26	15	98 481	37 814,830	865 184,081	22,879	22,415	76	65	58 828	3 585,014	28 181,062	7,861	7,396
27	16	98 411	36 422,269	827 369,251	22,716	22,252	77	66	55 940	3 285,764	24 596,048	7,486	7,021
28	17	98 334	35 078,182	790 946,982	22,548	22,084	78	67	52 869	2 993,133	21 310,284	7,120	6,655
29	18	98 259	33 784,557	755 868,800	22,373	21,909	79	68	49 619	2 707,610	18 317,151	6,765	6,301
30	19	98 172	32 534,582	722 084,243	22,194	21,730	80	69	46 245	2 432,299	15 609,541	6,418	5,953
31	20	98 089	31 332,094	689 549,661	22,008	21,543	81	70	42 777	2 168,595	13 177,242	6,076	5,612
32	21	97 997	30 171,355	658 217,567	21,816	21,352	82	71	39 201	1 915,445	11 008,647	5,747	5,283
33	22	97 905	29 053,365	628 046,213	21,617	21,153	83	72	35 588	1 676,044	9 093,202	5,425	4,961
34	23	97 808	27 975,590	598 992,848	21,411	20,947	84	73	31 989	1 452,126	7 417,158	5,108	4,643
35	24	97 708	26 936,878	571 017,258	21,198	20,734	85	74	28 379	1 241,682	5 965,032	4,804	4,340
36	25	97 606	25 936,203	544 080,380	20,978	20,513	86	75	24 825	1 046,937	4 723,350	4,512	4,047
37	26	97 499	24 971,236	518 144,177	20,750	20,285	87	76	21 355	868,049	3 676,412	4,235	3,771
38	27	97 383	24 040,132	493 172,941	20,515	20,050	88	77	18 015	705,795	2 808,363	3,979	3,515
39	28	97 250	23 139,524	469 132,810	20,274	19,810	89	78	14 918	563,329	2 102,568	3,732	3,268
40	29	97 114	22 271,918	445 993,286	20,025	19,560	90	79	12 024	437,647	1 539,239	3,517	3,053
41	30	96 962	21 433,219	423 721,368	19,769	19,305	91	80	9 548	334,969	1 101,591	3,289	2,824
42	31	96 801	20 624,393	402 288,149	19,505	19,041	92	81	7 321	247,557	766,622	3,097	2,632
43	32	96 624	19 842,535	381 663,756	19,235	18,770	93	82	5 464	178,087	519,065	2,915	2,450
44	33	96 418	19 084,463	361 821,221	18,959	18,495	94	83	3 951	124,126	340,978	2,747	2,283
45	34	96 191	18 351,356	342 736,757	18,676	18,212	95	84	2 765	83,705	216,851	2,591	2,126
46	35	95 937	17 641,379	324 385,401	18,388	17,923	96	85	1 865	54,418	133,146	2,447	1,982
47	36	95 661	16 954,933	306 744,022	18,092	17,627	97	86	1 210	34,025	78,728	2,314	1,849
48	37	95 340	16 287,186	289 789,089	17,792	17,328	98	87	753	20,408	44,703	2,190	1,726
49	38	94 983	15 639,792	273 501,903	17,488	17,023	99	88	447	11,690	24,295	2,078	1,614
							100	89	254	6,386	12,605	1,974	1,509

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	38	94 643	15 020,474	258 732,221	17,225	16,761
1							51	39	94 212	14 411,616	243 711,747	16,911	16,446
2							52	40	93 704	13 815,851	229 300,131	16,597	16,132
3							53	41	93 169	13 240,463	215 484,280	16,275	15,810
4							54	42	92 581	12 681,278	202 243,817	15,948	15,484
5							55	43	91 926	12 136,411	189 562,540	15,619	15,155
6							56	44	91 210	11 606,700	177 426,129	15,287	14,822
7							57	45	90 443	11 093,162	165 819,429	14,948	14,483
8							58	46	89 602	10 592,722	154 726,267	14,607	14,142
9							59	47	88 689	10 105,804	144 133,544	14,262	13,798
10							60	48	87 699	9 631,805	134 027,740	13,915	13,451
11							61	49	86 634	9 170,946	124 395,935	13,564	13,100
12	0	99 472	63 950,296	1 575 112,437	24,630	24,166	62	50	85 490	8 722,787	115 224,989	13,210	12,745
13	1	99 147	61 437,674	1 511 162,141	24,597	24,132	63	51	84 280	8 288,412	106 502,202	12,850	12,385
14	2	99 110	59 194,839	1 449 724,467	24,491	24,026	64	52	83 010	7 868,525	98 213,790	12,482	12,017
15	3	99 080	57 038,206	1 390 529,629	24,379	23,914	65	53	81 616	7 456,687	90 345,265	12,116	11,652
16	4	99 052	54 960,655	1 333 491,423	24,263	23,798	66	54	80 145	7 057,654	82 888,578	11,744	11,280
17	5	99 014	52 954,056	1 278 530,768	24,144	23,680	67	55	78 568	6 668,687	75 830,924	11,371	10,907
18	6	98 971	51 017,606	1 225 576,711	24,023	23,558	68	56	76 889	6 290,356	69 162,237	10,995	10,531
19	7	98 914	49 145,640	1 174 559,106	23,900	23,435	69	57	75 133	5 924,464	62 871,881	10,612	10,148
20	8	98 857	47 342,079	1 125 413,466	23,772	23,308	70	58	73 265	5 568,394	56 947,417	10,227	9,762
21	9	98 797	45 603,017	1 078 071,387	23,640	23,176	71	59	71 281	5 221,784	51 379,024	9,839	9,375
22	10	98 737	43 927,931	1 032 468,371	23,504	23,039	72	60	69 176	4 884,407	46 157,239	9,450	8,985
23	11	98 677	42 314,672	988 540,440	23,362	22,897	73	61	66 938	4 555,555	41 272,832	9,060	8,595
24	12	98 618	40 760,645	946 225,767	23,214	22,750	74	62	64 567	4 235,349	36 717,277	8,669	8,205
25	13	98 555	39 262,224	905 465,123	23,062	22,598	75	63	61 987	3 919,131	32 481,928	8,288	7,824
26	14	98 492	37 818,929	866 202,899	22,904	22,440	76	64	59 264	3 611,557	28 562,797	7,909	7,444
27	15	98 424	36 426,851	828 383,970	22,741	22,277	77	65	56 380	3 311,628	24 951,240	7,534	7,070
28	16	98 349	35 083,581	791 957,119	22,573	22,109	78	66	53 325	3 018,958	21 639,613	7,168	6,703
29	17	98 275	33 789,979	756 873,539	22,399	21,935	79	67	50 076	2 732,564	18 620,655	6,814	6,350
30	18	98 195	32 542,015	723 083,560	22,220	21,756	80	68	46 699	2 456,150	15 888,091	6,469	6,004
31	19	98 109	31 338,567	690 541,545	22,035	21,570	81	69	43 237	2 191,876	13 431,941	6,128	5,664
32	20	98 019	30 178,054	659 202,978	21,844	21,379	82	70	39 661	1 937,934	11 240,064	5,800	5,336
33	21	97 925	29 059,446	629 024,924	21,646	21,182	83	71	36 052	1 697,909	9 302,131	5,479	5,014
34	22	97 830	27 981,867	599 965,478	21,441	20,977	84	72	32 459	1 473,459	7 604,222	5,161	4,696
35	23	97 731	26 943,037	571 983,611	21,229	20,765	85	73	28 848	1 262,207	6 130,763	4,857	4,393
36	24	97 626	25 941,447	545 040,574	21,010	20,546	86	74	25 296	1 066,788	4 868,556	4,564	4,099
37	25	97 520	24 976,730	519 099,127	20,783	20,319	87	75	21 824	887,084	3 801,768	4,286	3,821
38	26	97 406	24 045,822	494 122,397	20,549	20,085	88	76	18 467	723,516	2 914,684	4,028	3,564
39	27	97 276	23 145,742	470 076,575	20,309	19,845	89	77	15 343	579,392	2 191,168	3,782	3,317
40	28	97 139	22 277,552	446 930,833	20,062	19,598	90	78	12 423	452,147	1 611,776	3,565	3,100
41	29	96 989	21 439,370	424 653,281	19,807	19,343	91	79	9 908	347,589	1 159,629	3,336	2,872
42	30	96 829	20 630,232	403 213,911	19,545	19,080	92	80	7 640	258,347	812,041	3,143	2,679
43	31	96 653	19 848,530	382 583,679	19,275	18,811	93	81	5 737	186,986	553,693	2,961	2,497
44	32	96 452	19 091,231	362 735,149	19,000	18,536	94	82	4 182	131,371	366,707	2,791	2,327
45	33	96 226	18 358,069	343 643,918	18,719	18,255	95	83	2 950	89,306	235,336	2,635	2,171
46	34	95 978	17 648,876	325 285,849	18,431	17,967	96	84	2 010	58,660	146,030	2,489	2,025
47	35	95 700	16 961,680	307 636,974	18,137	17,673	97	85	1 319	37,095	87,371	2,355	1,891
48	36	95 385	16 294,930	290 675,294	17,838	17,374	98	86	831	22,531	50,276	2,231	1,767
49	37	95 034	15 648,143	274 380,364	17,534	17,070	99	87	502	13,110	27,745	2,116	1,652
							100	88	289	7,276	14,635	2,012	1,547

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	37	94 694	15 028,494	259 528,316	17,269	16,805
1							51	38	94 264	14 419,644	244 499,822	16,956	16,492
2							52	39	93 766	13 824,997	230 080,178	16,642	16,178
3							53	40	93 235	13 249,820	216 255,181	16,321	15,857
4							54	41	92 655	12 691,450	203 005,361	15,995	15,531
5							55	42	92 007	12 147,223	190 313,911	15,667	15,203
6							56	43	91 304	11 618,597	178 166,688	15,335	14,870
7							57	44	90 545	11 105,635	166 548,091	14,997	14,532
8							58	45	89 716	10 606,184	155 442,456	14,656	14,191
9							59	46	88 814	10 120,065	144 836,272	14,312	13,847
10							60	47	87 843	9 647,580	134 716,208	13,964	13,499
11							61	48	86 788	9 187,193	125 068,627	13,613	13,149
12							62	49	85 667	8 740,772	115 881,434	13,258	12,793
13	0	99 461	61 631,980	1 512 356,924	24,539	24,074	63	50	84 466	8 306,712	107 140,662	12,898	12,434
14	1	99 136	59 210,468	1 450 724,944	24,501	24,037	64	51	83 214	7 887,825	98 833,950	12,530	12,066
15	2	99 095	57 046,703	1 391 514,476	24,393	23,928	65	52	81 840	7 477,215	90 946,126	12,163	11,699
16	3	99 063	54 966,797	1 334 467,773	24,278	23,813	66	53	80 386	7 078,937	83 468,911	11,791	11,327
17	4	99 026	52 960,368	1 279 500,977	24,160	23,695	67	54	78 819	6 690,036	76 389,974	11,418	10,954
18	5	98 981	51 022,763	1 226 540,608	24,039	23,575	68	55	77 163	6 312,723	69 699,938	11,041	10,577
19	6	98 923	49 149,920	1 175 517,846	23,917	23,453	69	56	75 417	5 946,897	63 387,214	10,659	10,194
20	7	98 866	47 346,142	1 126 367,926	23,790	23,326	70	57	73 559	5 590,737	57 440,318	10,274	9,810
21	8	98 804	45 606,375	1 079 021,783	23,659	23,195	71	58	71 597	5 244,926	51 849,580	9,886	9,421
22	9	98 744	43 930,961	1 033 415,408	23,524	23,059	72	59	69 504	4 907,581	46 604,654	9,496	9,032
23	10	98 684	42 317,676	989 484,446	23,382	22,918	73	60	67 301	4 580,239	41 697,073	9,104	8,639
24	11	98 626	40 763,904	947 166,771	23,235	22,771	74	61	64 940	4 259,829	37 116,833	8,713	8,249
25	12	98 563	39 265,385	906 402,866	23,084	22,620	75	62	62 380	3 944,008	32 857,004	8,331	7,866
26	13	98 501	37 822,317	867 137,482	22,927	22,462	76	63	59 666	3 636,056	28 912,996	7,952	7,487
27	14	98 435	36 430,800	829 315,165	22,764	22,300	77	64	56 798	3 336,146	25 276,940	7,577	7,112
28	15	98 362	35 087,994	792 884,366	22,597	22,133	78	65	53 745	3 042,721	21 940,794	7,211	6,746
29	16	98 290	33 795,179	757 796,371	22,423	21,959	79	66	50 508	2 756,141	18 898,072	6,857	6,392
30	17	98 210	32 547,238	724 001,192	22,245	21,780	80	67	47 129	2 478,787	16 141,932	6,512	6,048
31	18	98 132	31 345,727	691 453,954	22,059	21,595	81	68	43 661	2 213,369	13 663,144	6,173	5,709
32	19	98 039	30 184,288	660 108,228	21,869	21,405	82	69	40 087	1 958,739	11 449,775	5,845	5,381
33	20	97 947	29 065,899	629 923,940	21,672	21,208	83	70	36 475	1 717,844	9 491,036	5,525	5,061
34	21	97 851	27 987,725	600 858,041	21,469	21,004	84	71	32 883	1 492,680	7 773,193	5,208	4,743
35	22	97 752	26 949,082	572 870,316	21,258	20,793	85	72	29 272	1 280,750	6 280,513	4,904	4,439
36	23	97 648	25 947,378	545 921,234	21,040	20,575	86	73	25 714	1 084,422	4 999,763	4,611	4,146
37	24	97 540	24 981,780	519 973,856	20,814	20,350	87	74	22 238	903,903	3 915,341	4,332	3,867
38	25	97 428	24 051,113	494 992,076	20,581	20,116	88	75	18 872	739,382	3 011,438	4,073	3,608
39	26	97 299	23 151,221	470 940,963	20,342	19,878	89	76	15 728	593,939	2 272,056	3,825	3,361
40	27	97 165	22 283,538	447 789,742	20,095	19,631	90	77	12 777	465,040	1 678,117	3,609	3,144
41	28	97 014	21 444,793	425 506,204	19,842	19,378	91	78	10 236	359,104	1 213,077	3,378	2,914
42	29	96 857	20 636,153	404 061,411	19,580	19,116	92	79	7 928	268,080	853,973	3,186	2,721
43	30	96 681	19 854,149	383 425,258	19,312	18,848	93	80	5 987	195,136	585,893	3,002	2,538
44	31	96 481	19 096,999	363 571,109	19,038	18,574	94	81	4 391	137,935	390,756	2,833	2,368
45	32	96 260	18 364,578	344 474,110	18,758	18,293	95	82	3 122	94,518	252,821	2,675	2,210
46	33	96 013	17 655,331	326 109,532	18,471	18,006	96	83	2 144	62,584	158,303	2,529	2,065
47	34	95 740	16 968,888	308 454,200	18,178	17,713	97	84	1 422	39,986	95,719	2,394	1,929
48	35	95 423	16 301,414	291 485,313	17,881	17,417	98	85	906	24,564	55,732	2,269	1,804
49	36	95 079	15 655,583	275 183,899	17,577	17,113	99	86	554	14,474	31,169	2,153	1,689
							100	87	324	8,159	16,695	2,046	1,582

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	36	94 739	15 035,639	260 256,477	17,309	16,845
1							51	37	94 315	14 427,343	245 220,837	16,997	16,533
2							52	38	93 818	13 832,698	230 793,494	16,685	16,220
3							53	39	93 297	13 258,592	216 960,796	16,364	15,899
4							54	40	92 720	12 700,419	203 702,205	16,039	15,575
5							55	41	92 081	12 156,967	191 001,785	15,711	15,247
6							56	42	91 385	11 628,948	178 844,819	15,379	14,915
7							57	43	90 638	11 117,018	167 215,871	15,041	14,577
8							58	44	89 817	10 618,110	156 098,853	14,701	14,237
9							59	45	88 927	10 132,926	145 480,743	14,357	13,893
10							60	46	87 966	9 661,194	135 347,817	14,009	13,545
11							61	47	86 930	9 202,240	125 686,623	13,658	13,194
12							62	48	85 819	8 756,257	116 484,384	13,303	12,839
13							63	49	84 640	8 323,839	107 728,127	12,942	12,478
14	0	99 450	59 397,731	1 451 829,996	24,443	23,978	64	50	83 398	7 905,240	99 404,287	12,574	12,110
15	1	99 121	57 061,765	1 392 432,266	24,402	23,938	65	51	82 041	7 495,555	91 499,048	12,207	11,743
16	2	99 077	54 974,985	1 335 370,501	24,291	23,826	66	52	80 608	7 098,425	84 003,493	11,834	11,370
17	3	99 037	52 966,286	1 280 395,516	24,174	23,709	67	53	79 057	6 710,211	76 905,068	11,461	10,996
18	4	98 992	51 028,844	1 227 429,230	24,054	23,589	68	54	77 410	6 332,933	70 194,857	11,084	10,620
19	5	98 933	49 154,888	1 176 400,386	23,933	23,468	69	55	75 685	5 968,043	63 861,924	10,701	10,236
20	6	98 875	47 350,266	1 127 245,497	23,807	23,342	70	56	73 838	5 611,907	57 893,881	10,316	9,852
21	7	98 813	45 610,290	1 079 895,231	23,677	23,212	71	57	71 884	5 265,972	52 281,975	9,928	9,464
22	8	98 751	43 934,197	1 034 284,941	23,542	23,077	72	58	69 812	4 929,331	47 016,003	9,538	9,074
23	9	98 691	42 320,595	990 350,744	23,401	22,937	73	59	67 620	4 601,970	42 086,672	9,145	8,681
24	10	98 633	40 766,798	948 030,149	23,255	22,791	74	60	65 292	4 282,911	37 484,702	8,752	8,288
25	11	98 571	39 268,525	907 263,352	23,104	22,640	75	61	62 741	3 966,804	33 201,790	8,370	7,905
26	12	98 509	37 825,362	867 994,827	22,947	22,483	76	62	60 045	3 659,137	29 234,986	7,990	7,525
27	13	98 443	36 434,063	830 169,465	22,786	22,321	77	63	57 183	3 358,777	25 575,850	7,615	7,150
28	14	98 372	35 091,798	793 735,402	22,619	22,154	78	64	54 142	3 065,249	22 217,072	7,248	6,784
29	15	98 302	33 799,431	758 643,604	22,445	21,981	79	65	50 906	2 777,835	19 151,823	6,895	6,430
30	16	98 225	32 552,247	724 844,173	22,267	21,803	80	66	47 536	2 500,174	16 373,988	6,549	6,085
31	17	98 148	31 350,757	692 291,927	22,082	21,618	81	67	44 063	2 233,769	13 873,814	6,211	5,747
32	18	98 062	30 191,184	660 941,169	21,892	21,427	82	68	40 480	1 977,946	11 640,045	5,885	5,420
33	19	97 967	29 071,903	630 749,985	21,696	21,232	83	69	36 867	1 736,286	9 662,099	5,565	5,100
34	20	97 872	27 993,939	601 678,082	21,493	21,029	84	70	33 269	1 510,206	7 925,813	5,248	4,784
35	21	97 773	26 954,723	573 684,143	21,283	20,819	85	71	29 654	1 297,457	6 415,608	4,945	4,480
36	22	97 670	25 953,200	546 729,419	21,066	20,602	86	72	26 092	1 100,352	5 118,151	4,651	4,187
37	23	97 562	24 987,491	520 776,219	20,841	20,377	87	73	22 605	918,845	4 017,798	4,373	3,908
38	24	97 448	24 055,976	495 788,728	20,610	20,145	88	74	19 230	753,401	3 098,953	4,113	3,649
39	25	97 321	23 156,315	471 732,752	20,372	19,907	89	75	16 073	606,963	2 345,553	3,864	3,400
40	26	97 188	22 288,813	448 576,437	20,126	19,661	90	76	13 098	476,716	1 738,589	3,647	3,183
41	27	97 040	21 450,556	426 287,624	19,873	19,409	91	77	10 528	369,344	1 261,873	3,417	2,952
42	28	96 881	20 641,372	404 837,068	19,613	19,148	92	78	8 191	276,962	892,529	3,223	2,758
43	29	96 708	19 859,848	384 195,696	19,345	18,881	93	79	6 213	202,488	615,567	3,040	2,576
44	30	96 508	19 102,405	364 335,848	19,073	18,608	94	80	4 582	143,947	413,080	2,870	2,405
45	31	96 289	18 370,127	345 233,443	18,793	18,329	95	81	3 278	99,241	269,133	2,712	2,247
46	32	96 047	17 661,592	326 863,316	18,507	18,043	96	82	2 270	66,237	169,892	2,565	2,100
47	33	95 775	16 975,094	309 201,725	18,215	17,751	97	83	1 517	42,662	103,655	2,430	1,965
48	34	95 464	16 308,341	292 226,630	17,919	17,454	98	84	977	26,478	60,993	2,304	1,839
49	35	95 117	15 661,813	275 918,289	17,617	17,153	99	85	604	15,780	34,515	2,187	1,723
							100	86	358	9,008	18,735	2,080	1,615

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	35	94 776	15 041,622	260 921,941	17,347	16,882
1							51	36	94 360	14 434,203	245 880,318	17,035	16,570
2							52	37	93 869	13 840,084	231 446,115	16,723	16,258
3							53	38	93 349	13 265,977	217 606,031	16,403	15,939
4							54	39	92 782	12 708,827	204 340,055	16,079	15,614
5							55	40	92 146	12 165,558	191 631,228	15,752	15,288
6							56	41	91 458	11 638,276	179 465,670	15,420	14,956
7							57	42	90 719	11 126,922	167 827,394	15,083	14,619
8							58	43	89 909	10 628,993	156 700,472	14,743	14,278
9							59	44	89 027	10 144,319	146 071,479	14,399	13,935
10							60	45	88 078	9 673,472	135 927,159	14,052	13,587
11							61	46	87 052	9 215,225	126 253,687	13,701	13,236
12							62	47	85 959	8 770,598	117 038,462	13,344	12,880
13							63	48	84 790	8 338,585	108 267,864	12,984	12,520
14							64	49	83 570	7 921,540	99 929,279	12,615	12,150
15	0	99 435	57 242,232	1 393 454,783	24,343	23,879	65	50	82 222	7 512,104	92 007,739	12,248	11,784
16	1	99 104	54 989,500	1 336 212,552	24,299	23,835	66	51	80 805	7 115,836	84 495,635	11,874	11,410
17	2	99 052	52 974,176	1 281 223,052	24,186	23,721	67	52	79 274	6 728,684	77 379,799	11,500	11,036
18	3	99 003	51 034,547	1 228 248,875	24,067	23,603	68	53	77 643	6 352,031	70 651,116	11,123	10,658
19	4	98 945	49 160,747	1 177 214,329	23,946	23,482	69	54	75 928	5 987,149	64 299,085	10,740	10,275
20	5	98 885	47 355,053	1 128 053,581	23,821	23,357	70	55	74 100	5 631,861	58 311,936	10,354	9,890
21	6	98 821	45 614,262	1 080 698,529	23,692	23,228	71	56	72 156	5 285,912	52 680,075	9,966	9,502
22	7	98 759	43 937,968	1 035 084,266	23,558	23,093	72	57	70 092	4 949,110	47 394,163	9,576	9,112
23	8	98 698	42 323,712	991 146,298	23,418	22,954	73	58	67 920	4 622,365	42 445,053	9,183	8,718
24	9	98 640	40 769,610	948 822,586	23,273	22,808	74	59	65 602	4 303,231	37 822,688	8,789	8,325
25	10	98 578	39 271,312	908 052,976	23,123	22,658	75	60	63 081	3 988,299	33 519,457	8,404	7,940
26	11	98 516	37 828,387	868 781,664	22,966	22,502	76	61	60 392	3 680,286	29 531,158	8,024	7,560
27	12	98 451	36 436,996	830 953,278	22,805	22,341	77	62	57 546	3 380,098	25 850,872	7,648	7,184
28	13	98 381	35 094,942	794 516,281	22,639	22,175	78	63	54 510	3 086,042	22 470,774	7,281	6,817
29	14	98 313	33 803,095	759 421,340	22,466	22,002	79	64	51 283	2 798,402	19 384,732	6,927	6,463
30	15	98 238	32 556,342	725 618,245	22,288	21,824	80	65	47 910	2 519,854	16 586,330	6,582	6,118
31	16	98 163	31 355,582	693 061,903	22,103	21,639	81	66	44 443	2 253,042	14 066,476	6,243	5,779
32	17	98 077	30 196,030	661 706,321	21,914	21,449	82	67	40 853	1 996,175	11 813,434	5,918	5,454
33	18	97 990	29 078,545	631 510,291	21,717	21,253	83	68	37 228	1 753,312	9 817,258	5,599	5,135
34	19	97 892	27 999,722	602 431,746	21,516	21,051	84	69	33 626	1 526,419	8 063,947	5,283	4,818
35	20	97 795	26 960,708	574 432,024	21,306	20,842	85	70	30 002	1 312,691	6 537,528	4,980	4,516
36	21	97 691	25 958,633	547 471,315	21,090	20,626	86	71	26 432	1 114,707	5 224,838	4,687	4,223
37	22	97 584	24 993,098	521 512,683	20,866	20,402	87	72	22 937	932,343	4 110,131	4,408	3,944
38	23	97 470	24 061,476	496 519,585	20,635	20,171	88	73	19 548	765,854	3 177,788	4,149	3,685
39	24	97 340	23 160,997	472 458,109	20,399	19,934	89	74	16 378	618,472	2 411,934	3,900	3,435
40	25	97 209	22 293,717	449 297,112	20,154	19,689	90	75	13 385	487,169	1 793,462	3,681	3,217
41	26	97 063	21 455,634	427 003,395	19,902	19,437	91	76	10 792	378,617	1 306,293	3,450	2,986
42	27	96 907	20 646,919	405 547,761	19,642	19,178	92	77	8 424	284,859	927,675	3,257	2,792
43	28	96 733	19 864,871	384 900,842	19,376	18,912	93	78	6 419	209,196	642,816	3,073	2,608
44	29	96 536	19 107,888	365 035,971	19,104	18,640	94	79	4 755	149,370	433,620	2,903	2,439
45	30	96 316	18 375,328	345 928,084	18,826	18,361	95	80	3 420	103,567	284,250	2,745	2,280
46	31	96 076	17 666,928	327 552,756	18,540	18,076	96	81	2 383	69,547	180,683	2,598	2,134
47	32	95 809	16 981,114	309 885,829	18,249	17,784	97	82	1 605	45,152	111,136	2,461	1,997
48	33	95 499	16 314,306	292 904,715	17,954	17,489	98	83	1 042	28,250	65,985	2,336	1,871
49	34	95 158	15 668,468	276 590,409	17,653	17,188	99	84	651	17,010	37,735	2,218	1,754
							100	85	390	9,821	20,725	2,110	1,646

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	34	94 817	15 048,014	261 530,999	17,380	16,915
1							51	35	94 397	14 439,946	246 482,985	17,070	16,605
2							52	36	93 913	13 846,664	232 043,039	16,758	16,294
3							53	37	93 399	13 273,060	218 196,375	16,439	15,975
4							54	38	92 834	12 715,906	204 923,314	16,116	15,651
5							55	39	92 207	12 173,612	192 207,408	15,789	15,324
6							56	40	91 523	11 646,501	180 033,797	15,458	14,994
7							57	41	90 792	11 135,848	168 387,296	15,121	14,657
8							58	42	89 989	10 638,462	157 251,448	14,781	14,317
9							59	43	89 118	10 154,717	146 612,986	14,438	13,973
10							60	44	88 177	9 684,349	136 458,269	14,091	13,626
11							61	45	87 163	9 226,936	126 773,920	13,740	13,275
12							62	46	86 080	8 782,974	117 546,984	13,384	12,919
13							63	47	84 929	8 352,242	108 764,009	13,022	12,558
14							64	48	83 718	7 935,573	100 411,767	12,653	12,189
15							65	49	82 392	7 527,593	92 476,194	12,285	11,821
16	0	99 417	55 163,413	1 337 159,139	24,240	23,776	66	50	80 984	7 131,547	84 948,601	11,912	11,447
17	1	99 078	52 988,163	1 281 995,726	24,194	23,730	67	51	79 469	6 745,188	77 817,054	11,537	11,072
18	2	99 018	51 042,149	1 229 007,562	24,078	23,614	68	52	77 857	6 369,517	71 071,867	11,158	10,694
19	3	98 956	49 166,241	1 177 965,414	23,959	23,494	69	53	76 157	6 005,204	64 702,349	10,774	10,310
20	4	98 896	47 360,697	1 128 799,173	23,834	23,370	70	54	74 337	5 649,891	58 697,146	10,389	9,925
21	5	98 831	45 618,873	1 081 438,476	23,706	23,242	71	55	72 413	5 304,707	53 047,254	10,000	9,536
22	6	98 768	43 941,795	1 035 819,602	23,573	23,108	72	56	70 358	4 967,850	47 742,547	9,610	9,146
23	7	98 707	42 327,345	991 877,808	23,433	22,969	73	57	68 192	4 640,913	42 774,697	9,217	8,752
24	8	98 647	40 772,613	949 550,463	23,289	22,825	74	58	65 892	4 322,303	38 133,784	8,823	8,358
25	9	98 584	39 274,021	908 777,850	23,139	22,675	75	59	63 380	4 007,221	33 811,481	8,438	7,973
26	10	98 523	37 831,071	869 503,829	22,984	22,519	76	60	60 719	3 700,228	29 804,261	8,055	7,590
27	11	98 459	36 439,910	831 672,757	22,823	22,359	77	61	57 878	3 399,635	26 104,033	7,678	7,214
28	12	98 389	35 097,767	795 232,847	22,658	22,193	78	62	54 856	3 105,631	22 704,398	7,311	6,846
29	13	98 322	33 806,123	760 135,080	22,485	22,021	79	63	51 631	2 817,385	19 598,767	6,956	6,492
30	14	98 248	32 559,871	726 328,957	22,307	21,843	80	64	48 264	2 538,511	16 781,382	6,611	6,146
31	15	98 175	31 359,527	693 769,086	22,123	21,659	81	65	44 793	2 270,776	14 242,871	6,272	5,808
32	16	98 093	30 200,677	662 409,559	21,934	21,469	82	66	41 205	2 013,399	11 972,095	5,946	5,482
33	17	98 005	29 083,212	632 208,882	21,738	21,274	83	67	37 571	1 769,471	9 958,696	5,628	5,164
34	18	97 915	28 006,119	603 125,670	21,535	21,071	84	68	33 956	1 541,386	8 189,225	5,313	4,848
35	19	97 815	26 966,278	575 119,551	21,327	20,863	85	69	30 324	1 326,783	6 647,839	5,010	4,546
36	20	97 712	25 964,397	548 153,273	21,112	20,647	86	70	26 743	1 127,794	5 321,056	4,718	4,254
37	21	97 605	24 998,330	522 188,876	20,889	20,425	87	71	23 236	944,506	4 193,261	4,440	3,975
38	22	97 492	24 066,875	497 190,546	20,659	20,194	88	72	19 835	777,105	3 248,756	4,181	3,716
39	23	97 363	23 166,292	473 123,672	20,423	19,959	89	73	16 649	628,695	2 471,651	3,931	3,467
40	24	97 229	22 298,225	449 957,380	20,179	19,715	90	74	13 639	496,406	1 842,956	3,713	3,248
41	25	97 084	21 460,354	427 659,155	19,928	19,463	91	75	11 029	386,920	1 346,549	3,480	3,016
42	26	96 930	20 651,807	406 198,801	19,669	19,204	92	76	8 636	292,012	959,629	3,286	2,822
43	27	96 759	19 870,209	385 546,994	19,403	18,939	93	77	6 602	215,161	667,618	3,103	2,638
44	28	96 560	19 112,721	365 676,785	19,133	18,668	94	78	4 912	154,319	452,457	2,932	2,468
45	29	96 344	18 380,601	346 564,064	18,855	18,390	95	79	3 549	107,468	298,138	2,774	2,310
46	30	96 103	17 671,929	328 183,463	18,571	18,106	96	80	2 487	72,578	190,670	2,627	2,163
47	31	95 838	16 986,244	310 511,534	18,280	17,816	97	81	1 685	47,408	118,092	2,491	2,027
48	32	95 533	16 320,091	293 525,290	17,986	17,521	98	82	1 103	29,899	70,684	2,364	1,900
49	33	95 192	15 674,199	277 205,199	17,685	17,221	99	83	694	18,148	40,785	2,247	1,783
							100	84	420	10,586	22,637	2,138	1,674

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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17	0	99 391	53 155,747	1 282 872,424	24,134	23,670
18	1	99 044	51 055,626	1 229 716,677	24,086	23,621
19	2	98 970	49 173,565	1 178 661,051	23,969	23,505
20	3	98 907	47 365,989	1 129 487,486	23,846	23,382
21	4	98 843	45 624,311	1 082 121,497	23,718	23,254
22	5	98 778	43 946,237	1 036 497,186	23,586	23,121
23	6	98 715	42 331,031	992 550,949	23,447	22,983
24	7	98 655	40 776,112	950 219,918	23,303	22,839
25	8	98 592	39 276,914	909 443,806	23,155	22,690
26	9	98 530	37 833,681	870 166,892	23,000	22,535
27	10	98 466	36 442,497	832 333,210	22,840	22,375
28	11	98 397	35 100,574	795 890,714	22,675	22,210
29	12	98 330	33 808,845	760 790,140	22,503	22,038
30	13	98 257	32 562,788	726 981,295	22,326	21,861
31	14	98 186	31 362,926	694 418,508	22,141	21,677
32	15	98 105	30 204,476	663 055,581	21,952	21,488
33	16	98 020	29 087,688	632 851,105	21,757	21,292
34	17	97 931	28 010,614	603 763,417	21,555	21,090
35	18	97 837	26 972,439	575 752,803	21,346	20,882
36	19	97 733	25 969,760	548 780,364	21,132	20,667
37	20	97 626	25 003,881	522 810,604	20,909	20,445
38	21	97 512	24 071,913	497 806,723	20,680	20,216
39	22	97 385	23 171,490	473 734,810	20,445	19,980
40	23	97 251	22 303,323	450 563,320	20,202	19,737
41	24	97 104	21 464,693	428 259,998	19,952	19,487
42	25	96 951	20 656,351	406 795,304	19,693	19,229
43	26	96 782	19 874,913	386 138,954	19,428	18,964
44	27	96 586	19 117,857	366 264,041	19,158	18,694
45	28	96 368	18 385,250	347 146,184	18,882	18,417
46	29	96 131	17 677,001	328 760,934	18,598	18,134
47	30	95 865	16 991,053	311 083,933	18,309	17,844
48	31	95 561	16 325,022	294 092,880	18,015	17,550
49	32	95 226	15 679,757	277 767,858	17,715	17,251

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
50	33	94 851	15 053,518	262 088,101	17,410	16,946
51	34	94 437	14 446,083	247 034,582	17,100	16,636
52	35	93 951	13 852,174	232 588,500	16,791	16,326
53	36	93 443	13 279,371	218 736,326	16,472	16,007
54	37	92 883	12 722,696	205 456,955	16,149	15,684
55	38	92 259	12 180,393	192 734,259	15,823	15,359
56	39	91 583	11 654,211	180 553,866	15,493	15,028
57	40	90 856	11 143,718	168 899,656	15,156	14,692
58	41	90 061	10 646,996	157 755,938	14,817	14,353
59	42	89 198	10 163,764	147 108,942	14,474	14,009
60	43	88 268	9 694,275	136 945,179	14,126	13,662
61	44	87 261	9 237,311	127 250,903	13,776	13,311
62	45	86 190	8 794,136	118 013,592	13,420	12,955
63	46	85 048	8 364,028	109 219,456	13,058	12,594
64	47	83 855	7 948,570	100 855,428	12,688	12,224
65	48	82 538	7 540,929	92 906,858	12,320	11,856
66	49	81 151	7 146,251	85 365,930	11,946	11,481
67	50	79 644	6 760,080	78 219,678	11,571	11,106
68	51	78 048	6 385,140	71 459,598	11,192	10,727
69	52	76 366	6 021,736	65 074,458	10,807	10,342
70	53	74 562	5 666,929	59 052,722	10,421	9,956
71	54	72 645	5 321,690	53 385,793	10,032	9,567
72	55	70 608	4 985,514	48 064,103	9,641	9,176
73	56	68 450	4 658,486	43 078,588	9,247	8,783
74	57	66 157	4 339,646	38 420,103	8,853	8,389
75	58	63 661	4 024,980	34 080,456	8,467	8,003
76	59	61 007	3 717,783	30 055,476	8,084	7,620
77	60	58 192	3 418,056	26 337,693	7,705	7,241
78	61	55 173	3 123,582	22 919,637	7,338	6,873
79	62	51 958	2 835,269	19 796,055	6,982	6,518
80	63	48 592	2 555,731	16 960,786	6,636	6,172
81	64	45 125	2 287,589	14 405,056	6,297	5,833
82	65	41 530	2 029,247	12 117,467	5,971	5,507
83	66	37 895	1 784,738	10 088,220	5,652	5,188
84	67	34 269	1 555,593	8 303,482	5,338	4,873
85	68	30 622	1 339,793	6 747,890	5,037	4,572
86	69	27 030	1 139,902	5 408,096	4,744	4,280
87	70	23 509	955,595	4 268,195	4,467	4,002
88	71	20 094	787,243	3 312,599	4,208	3,743
89	72	16 893	637,931	2 525,357	3,959	3,494
90	73	13 864	504,612	1 887,426	3,740	3,276
91	74	11 238	394,256	1 382,814	3,507	3,043
92	75	8 825	298,415	988,558	3,313	2,848
93	76	6 767	220,563	690,143	3,129	2,665
94	77	5 053	158,719	469,580	2,959	2,494
95	78	3 667	111,029	310,861	2,800	2,335
96	79	2 581	75,312	199,832	2,653	2,189
97	80	1 759	49,474	124,520	2,517	2,052
98	81	1 158	31,393	75,046	2,391	1,926
99	82	735	19,207	43,653	2,273	1,808
100	83	448	11,295	24,446	2,164	1,700

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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18	0	99 358	51 217,097	1 230 529,009	24,026	23,561
19	1	98 997	49 186,548	1 179 311,912	23,976	23,512
20	2	98 922	47 373,045	1 130 125,364	23,856	23,391
21	3	98 854	45 629,409	1 082 752,319	23,729	23,265
22	4	98 790	43 951,475	1 037 122,909	23,597	23,133
23	5	98 725	42 335,310	993 171,435	23,460	22,995
24	6	98 664	40 779,664	950 836,124	23,316	22,852
25	7	98 600	39 280,285	910 056,460	23,168	22,704
26	8	98 537	37 836,468	870 776,175	23,014	22,550
27	9	98 473	36 445,011	832 939,707	22,855	22,390
28	10	98 404	35 103,065	796 494,696	22,690	22,226
29	11	98 338	33 811,548	761 391,631	22,519	22,054
30	12	98 265	32 565,409	727 580,083	22,342	21,878
31	13	98 194	31 365,736	695 014,674	22,158	21,694
32	14	98 116	30 207,750	663 648,938	21,969	21,505
33	15	98 033	29 091,347	633 441,187	21,774	21,310
34	16	97 946	28 014,925	604 349,840	21,572	21,108
35	17	97 853	26 976,768	576 334,915	21,364	20,900
36	18	97 755	25 975,694	549 358,147	21,149	20,685
37	19	97 647	25 009,046	523 382,454	20,928	20,463
38	20	97 534	24 077,258	498 373,408	20,699	20,235
39	21	97 405	23 176,341	474 296,150	20,465	20,000
40	22	97 273	22 308,327	451 119,809	20,222	19,758
41	23	97 126	21 469,601	428 811,482	19,973	19,509
42	24	96 971	20 660,527	407 341,882	19,716	19,252
43	25	96 803	19 879,286	386 681,355	19,451	18,987
44	26	96 609	19 122,382	366 802,069	19,182	18,717
45	27	96 394	18 390,191	347 679,687	18,906	18,441
46	28	96 155	17 681,472	329 289,496	18,623	18,159
47	29	95 893	16 995,929	311 608,023	18,334	17,870
48	30	95 589	16 329,643	294 612,094	18,042	17,577
49	31	95 255	15 684,494	278 282,450	17,743	17,278

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
50	32	94 885	15 058,856	262 597,956	17,438	16,974
51	33	94 472	14 451,367	247 539,100	17,129	16,665
52	34	93 990	13 858,060	233 087,733	16,820	16,355
53	35	93 480	13 284,655	219 229,673	16,502	16,038
54	36	92 927	12 728,745	205 945,018	16,180	15,715
55	37	92 308	12 186,897	193 216,273	15,854	15,390
56	38	91 634	11 660,702	181 029,376	15,525	15,060
57	39	90 916	11 151,095	169 368,674	15,189	14,724
58	40	90 125	10 654,520	158 217,579	14,850	14,385
59	41	89 269	10 171,917	147 563,059	14,507	14,042
60	42	88 346	9 702,911	137 391,143	14,160	13,695
61	43	87 350	9 246,779	127 688,231	13,809	13,345
62	44	86 287	8 804,024	118 441,452	13,453	12,989
63	45	85 156	8 374,657	109 637,427	13,092	12,627
64	46	83 973	7 959,786	101 262,770	12,722	12,257
65	47	82 673	7 553,279	93 302,984	12,353	11,888
66	48	81 295	7 158,911	85 749,705	11,978	11,514
67	49	79 809	6 774,019	78 590,793	11,602	11,137
68	50	78 220	6 399,238	71 816,775	11,223	10,758
69	51	76 553	6 036,506	65 417,537	10,837	10,373
70	52	74 767	5 682,530	59 381,031	10,450	9,985
71	53	72 864	5 337,738	53 698,501	10,060	9,596
72	54	70 834	5 001,475	48 360,763	9,669	9,205
73	55	68 694	4 675,050	43 359,288	9,275	8,810
74	56	66 407	4 356,078	38 684,238	8,881	8,416
75	57	63 916	4 041,131	34 328,159	8,495	8,030
76	58	61 277	3 734,260	30 287,028	8,111	7,646
77	59	58 468	3 434,272	26 552,768	7,732	7,267
78	60	55 472	3 140,507	23 118,496	7,361	6,897
79	61	52 259	2 851,657	19 977,989	7,006	6,541
80	62	48 900	2 571,954	17 126,332	6,659	6,194
81	63	45 431	2 303,107	14 554,378	6,319	5,855
82	64	41 837	2 044,271	12 251,272	5,993	5,529
83	65	38 194	1 798,786	10 207,001	5,674	5,210
84	66	34 564	1 569,014	8 408,214	5,359	4,894
85	67	30 904	1 352,141	6 839,200	5,058	4,594
86	68	27 295	1 151,080	5 487,059	4,767	4,302
87	69	23 762	965,854	4 335,979	4,489	4,025
88	70	20 330	796,486	3 370,125	4,231	3,767
89	71	17 114	646,253	2 573,640	3,982	3,518
90	72	14 068	512,025	1 927,387	3,764	3,300
91	73	11 424	400,773	1 415,362	3,532	3,067
92	74	8 993	304,073	1 014,589	3,337	2,872
93	75	6 916	225,400	710,516	3,152	2,688
94	76	5 179	162,704	485,116	2,982	2,517
95	77	3 772	114,195	322,412	2,823	2,359
96	78	2 666	77,807	208,217	2,676	2,212
97	79	1 825	51,338	130,410	2,540	2,076
98	80	1 208	32,761	79,072	2,414	1,949
99	81	772	20,167	46,311	2,296	1,832
100	82	475	11,954	26,144	2,187	1,723

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	31	94 914	15 063,406	263 064,207	17,464	16,999
1							51	32	94 505	14 456,491	248 000,801	17,155	16,691
2							52	33	94 025	13 863,129	233 544,310	16,846	16,382
3							53	34	93 520	13 290,300	219 681,181	16,529	16,065
4							54	35	92 964	12 733,809	206 390,880	16,208	15,744
5							55	36	92 352	12 192,691	193 657,071	15,883	15,419
6							56	37	91 683	11 666,929	181 464,380	15,554	15,089
7							57	38	90 966	11 157,306	169 797,451	15,218	14,754
8							58	39	90 184	10 661,573	158 640,145	14,880	14,415
9							59	40	89 332	10 179,105	147 978,572	14,537	14,073
10							60	41	88 417	9 710,695	137 799,467	14,190	13,726
11							61	42	87 428	9 255,017	128 088,772	13,840	13,376
12							62	43	86 375	8 813,048	118 833,755	13,484	13,019
13							63	44	85 252	8 384,074	110 020,707	13,123	12,658
14							64	45	84 080	7 969,902	101 636,632	12,753	12,288
15							65	46	82 789	7 563,938	93 666,731	12,383	11,919
16							66	47	81 428	7 170,636	86 102,793	12,008	11,543
17							67	48	79 950	6 786,019	78 932,157	11,632	11,167
18							68	49	78 382	6 412,432	72 146,138	11,251	10,787
19	0	99 310	49 342,108	1 180 064,919	23,916	23,452	69	50	76 722	6 049,834	65 733,705	10,865	10,401
20	1	98 948	47 385,553	1 130 722,810	23,862	23,398	70	51	74 950	5 696,468	59 683,872	10,477	10,013
21	2	98 869	45 636,206	1 083 337,257	23,739	23,274	71	52	73 065	5 352,433	53 987,404	10,087	9,622
22	3	98 801	43 956,386	1 037 701,051	23,608	23,143	72	53	71 048	5 016,558	48 634,971	9,695	9,230
23	4	98 737	42 340,357	993 744,665	23,470	23,006	73	54	68 914	4 690,017	43 618,413	9,300	8,836
24	5	98 674	40 783,786	951 404,308	23,328	22,864	74	55	66 643	4 371,568	38 928,396	8,905	8,440
25	6	98 609	39 283,706	910 620,522	23,181	22,716	75	56	64 158	4 056,433	34 556,829	8,519	8,055
26	7	98 546	37 839,716	871 336,816	23,027	22,563	76	57	61 523	3 749,244	30 500,396	8,135	7,671
27	8	98 480	36 447,695	833 497,100	22,868	22,404	77	58	58 727	3 449,493	26 751,152	7,755	7,291
28	9	98 411	35 105,487	797 049,405	22,704	22,240	78	59	55 735	3 155,407	23 301,660	7,385	6,920
29	10	98 345	33 813,948	761 943,918	22,533	22,069	79	60	52 542	2 867,109	20 146,253	7,027	6,562
30	11	98 273	32 568,014	728 129,970	22,357	21,893	80	61	49 183	2 586,819	17 279,144	6,680	6,215
31	12	98 202	31 368,261	695 561,957	22,174	21,710	81	62	45 719	2 317,726	14 692,325	6,339	5,875
32	13	98 124	30 210,456	664 193,695	21,986	21,521	82	63	42 121	2 058,138	12 374,598	6,013	5,548
33	14	98 043	29 094,501	633 983,239	21,790	21,326	83	64	38 477	1 812,104	10 316,460	5,693	5,229
34	15	97 958	28 018,449	604 888,738	21,589	21,125	84	65	34 836	1 581,365	8 504,356	5,378	4,913
35	16	97 868	26 980,919	576 870,289	21,381	20,916	85	66	31 170	1 363,808	6 922,991	5,076	4,612
36	17	97 771	25 979,863	549 889,369	21,166	20,702	86	67	27 547	1 161,688	5 559,184	4,785	4,321
37	18	97 669	25 014,760	523 909,507	20,944	20,480	87	68	23 995	975,325	4 397,495	4,509	4,044
38	19	97 554	24 082,232	498 894,747	20,716	20,252	88	69	20 548	805,036	3 422,170	4,251	3,787
39	20	97 427	23 181,487	474 812,516	20,482	20,018	89	70	17 315	653,840	2 617,134	4,003	3,538
40	21	97 293	22 312,997	451 631,029	20,241	19,776	90	71	14 251	518,704	1 963,293	3,785	3,321
41	22	97 148	21 474,418	429 318,032	19,992	19,528	91	72	11 592	406,661	1 444,589	3,552	3,088
42	23	96 993	20 665,251	407 843,614	19,736	19,271	92	73	9 141	309,099	1 037,929	3,358	2,893
43	24	96 823	19 883,305	387 178,363	19,473	19,008	93	74	7 047	229,674	728,829	3,173	2,709
44	25	96 630	19 126,590	367 295,058	19,203	18,739	94	75	5 293	166,272	499,156	3,002	2,538
45	26	96 417	18 394,544	348 168,468	18,928	18,463	95	76	3 866	117,062	332,884	2,844	2,379
46	27	96 181	17 686,224	329 773,924	18,646	18,181	96	77	2 742	80,026	215,822	2,697	2,232
47	28	95 917	17 000,228	312 087,700	18,358	17,893	97	78	1 886	53,039	135,796	2,560	2,096
48	29	95 616	16 334,330	295 087,472	18,065	17,601	98	79	1 254	33,995	82,757	2,434	1,970
49	30	95 282	15 688,935	278 753,142	17,767	17,303	99	80	805	21,046	48,762	2,317	1,853
							100	81	498	12,551	27,716	2,208	1,744

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	30	94 940	15 067,671	263 490,616	17,487	17,023
1							51	31	94 534	14 460,858	248 422,945	17,179	16,715
2							52	32	94 058	13 868,045	233 962,087	16,871	16,406
3							53	33	93 554	13 295,162	220 094,042	16,554	16,090
4							54	34	93 004	12 739,221	206 798,880	16,233	15,769
5							55	35	92 389	12 197,542	194 059,659	15,910	15,445
6							56	36	91 727	11 672,476	181 862,117	15,580	15,116
7							57	37	91 015	11 163,264	170 189,641	15,246	14,781
8							58	38	90 235	10 667,512	159 026,377	14,908	14,443
9							59	39	89 391	10 185,844	148 358,865	14,565	14,101
10							60	40	88 480	9 717,557	138 173,021	14,219	13,754
11							61	41	87 498	9 262,441	128 455,464	13,868	13,404
12							62	42	86 452	8 820,900	119 193,023	13,513	13,048
13							63	43	85 340	8 392,668	110 372,123	13,151	12,687
14							64	44	84 174	7 978,863	101 979,456	12,781	12,317
15							65	45	82 895	7 573,550	94 000,592	12,412	11,947
16							66	46	81 543	7 180,755	86 427,042	12,036	11,572
17							67	47	80 081	6 797,133	79 246,288	11,659	11,194
18							68	48	78 520	6 423,792	72 449,154	11,278	10,814
19							69	49	76 881	6 062,308	66 025,362	10,891	10,427
20	0	99 261	47 535,418	1 131 421,117	23,802	23,337	70	50	75 116	5 709,045	59 963,054	10,503	10,039
21	1	98 895	45 648,256	1 083 885,700	23,744	23,280	71	51	73 244	5 365,561	54 254,009	10,112	9,647
22	2	98 815	43 962,934	1 038 237,444	23,616	23,152	72	52	71 243	5 030,368	48 888,448	9,719	9,254
23	3	98 748	42 345,088	994 274,510	23,480	23,016	73	53	69 122	4 704,160	43 858,080	9,323	8,859
24	4	98 686	40 788,647	951 929,422	23,338	22,874	74	54	66 857	4 385,563	39 153,920	8,928	8,463
25	5	98 619	39 287,677	911 140,774	23,192	22,727	75	55	64 386	4 070,856	34 768,357	8,541	8,076
26	6	98 554	37 843,011	871 853,097	23,039	22,574	76	56	61 756	3 763,441	30 697,501	8,157	7,692
27	7	98 489	36 450,823	834 010,086	22,880	22,416	77	57	58 963	3 463,334	26 934,060	7,777	7,312
28	8	98 418	35 108,072	797 559,262	22,717	22,253	78	58	55 982	3 169,391	23 470,726	7,405	6,941
29	9	98 351	33 816,281	762 451,190	22,547	22,082	79	59	52 791	2 880,711	20 301,335	7,047	6,583
30	10	98 280	32 570,325	728 634,909	22,371	21,907	80	60	49 449	2 600,836	17 420,623	6,698	6,234
31	11	98 210	31 370,770	696 064,584	22,188	21,724	81	61	45 983	2 331,122	14 819,787	6,357	5,893
32	12	98 132	30 212,889	664 693,814	22,000	21,536	82	62	42 388	2 071,203	12 488,665	6,030	5,565
33	13	98 052	29 097,107	634 480,926	21,806	21,341	83	63	38 738	1 824,397	10 417,462	5,710	5,246
34	14	97 969	28 021,486	605 383,818	21,604	21,140	84	64	35 094	1 593,073	8 593,065	5,394	4,930
35	15	97 880	26 984,314	577 362,332	21,396	20,932	85	65	31 416	1 374,543	6 999,993	5,093	4,628
36	16	97 786	25 983,861	550 378,018	21,182	20,717	86	66	27 784	1 171,712	5 625,450	4,801	4,337
37	17	97 685	25 018,774	524 394,157	20,960	20,496	87	67	24 216	984,314	4 453,738	4,525	4,060
38	18	97 576	24 087,734	499 375,383	20,732	20,267	88	68	20 749	812,930	3 469,424	4,268	3,803
39	19	97 447	23 186,276	475 287,649	20,499	20,034	89	69	17 501	660,860	2 656,494	4,020	3,555
40	20	97 315	22 317,951	452 101,374	20,257	19,793	90	70	14 418	524,794	1 995,634	3,803	3,338
41	21	97 168	21 478,913	429 783,422	20,010	19,545	91	71	11 743	411,966	1 470,840	3,570	3,106
42	22	97 015	20 669,888	408 304,509	19,754	19,289	92	72	9 275	313,640	1 058,874	3,376	2,912
43	23	96 845	19 887,851	387 634,621	19,491	19,027	93	73	7 163	233,470	745,234	3,192	2,728
44	24	96 650	19 130,457	367 746,771	19,223	18,759	94	74	5 393	169,425	511,764	3,021	2,556
45	25	96 438	18 398,592	348 616,314	18,948	18,484	95	75	3 951	119,629	342,339	2,862	2,397
46	26	96 203	17 690,410	330 217,722	18,666	18,202	96	76	2 811	82,035	222,710	2,715	2,250
47	27	95 943	17 004,797	312 527,312	18,379	17,914	97	77	1 939	54,551	140,675	2,579	2,114
48	28	95 640	16 338,462	295 522,515	18,088	17,623	98	78	1 295	35,121	86,124	2,452	1,988
49	29	95 309	15 693,438	279 184,054	17,790	17,325	99	79	836	21,838	51,002	2,335	1,871
							100	80	520	13,098	29,164	2,227	1,762

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	29	94 968	15 071,995	263 880,923	17,508	17,044
1							51	30	94 561	14 464,953	248 808,928	17,201	16,736
2							52	31	94 087	13 872,235	234 343,975	16,893	16,429
3							53	32	93 587	13 299,876	220 471,741	16,577	16,113
4							54	33	93 038	12 743,880	207 171,864	16,257	15,792
5							55	34	92 428	12 202,726	194 427,984	15,933	15,469
6							56	35	91 763	11 677,120	182 225,258	15,605	15,141
7							57	36	91 058	11 168,571	170 548,138	15,270	14,806
8							58	37	90 283	10 673,208	159 379,567	14,933	14,468
9							59	38	89 441	10 191,518	148 706,358	14,591	14,127
10							60	39	88 538	9 723,990	138 514,841	14,245	13,780
11							61	40	87 560	9 268,987	128 790,850	13,895	13,430
12							62	41	86 521	8 827,975	119 521,864	13,539	13,075
13							63	42	85 416	8 400,145	110 693,888	13,178	12,713
14							64	43	84 261	7 987,041	102 293,744	12,807	12,343
15							65	44	82 988	7 582,066	94 306,702	12,438	11,974
16							66	45	81 646	7 189,880	86 724,636	12,062	11,598
17							67	46	80 194	6 806,725	79 534,756	11,685	11,220
18							68	47	78 649	6 434,313	72 728,031	11,303	10,839
19							69	48	77 017	6 073,047	66 293,718	10,916	10,452
20							70	49	75 271	5 720,816	60 220,670	10,527	10,062
21	0	99 208	45 792,626	1 084 533,528	23,684	23,219	71	50	73 405	5 377,407	54 499,854	10,135	9,671
22	1	98 842	43 974,542	1 038 740,902	23,621	23,157	72	51	71 418	5 042,706	49 122,447	9,741	9,277
23	2	98 763	42 351,396	994 766,360	23,488	23,024	73	52	69 312	4 717,111	44 079,740	9,345	8,880
24	3	98 697	40 793,205	952 414,964	23,347	22,883	74	53	67 058	4 398,788	39 362,630	8,949	8,484
25	4	98 630	39 292,360	911 621,759	23,201	22,737	75	54	64 592	4 083,889	34 963,842	8,561	8,097
26	5	98 564	37 846,837	872 329,399	23,049	22,585	76	55	61 976	3 776,823	30 879,953	8,176	7,712
27	6	98 497	36 453,998	834 482,562	22,891	22,427	77	56	59 186	3 476,448	27 103,130	7,796	7,332
28	7	98 426	35 111,086	798 028,564	22,729	22,264	78	57	56 207	3 182,109	23 626,682	7,425	6,960
29	8	98 359	33 818,771	762 917,478	22,559	22,095	79	58	53 025	2 893,478	20 444,574	7,066	6,601
30	9	98 287	32 572,572	729 098,707	22,384	21,919	80	59	49 684	2 613,176	17 551,095	6,716	6,252
31	10	98 217	31 372,996	696 526,135	22,201	21,737	81	60	46 233	2 343,754	14 937,920	6,374	5,909
32	11	98 140	30 215,305	665 153,138	22,014	21,549	82	61	42 633	2 083,174	12 594,166	6,046	5,581
33	12	98 060	29 099,450	634 937,833	21,820	21,355	83	62	38 983	1 835,977	10 510,992	5,725	5,261
34	13	97 977	28 023,997	605 838,384	21,619	21,154	84	63	35 332	1 603,879	8 675,014	5,409	4,944
35	14	97 891	26 987,239	577 814,387	21,411	20,946	85	64	31 648	1 384,720	7 071,135	5,107	4,642
36	15	97 798	25 987,130	550 827,148	21,196	20,732	86	65	28 003	1 180,935	5 686,415	4,815	4,351
37	16	97 700	25 022,625	524 840,018	20,975	20,510	87	66	24 425	992,807	4 505,481	4,538	4,074
38	17	97 592	24 091,600	499 817,394	20,747	20,282	88	67	20 941	820,423	3 512,674	4,282	3,817
39	18	97 469	23 191,573	475 725,794	20,513	20,048	89	68	17 672	667,340	2 692,251	4,034	3,570
40	19	97 335	22 322,562	452 534,221	20,273	19,808	90	69	14 573	530,428	2 024,911	3,818	3,353
41	20	97 190	21 483,683	430 211,659	20,025	19,561	91	70	11 881	416,802	1 494,483	3,586	3,121
42	21	97 035	20 674,214	408 727,977	19,770	19,306	92	71	9 396	317,732	1 077,681	3,392	2,927
43	22	96 867	19 892,313	388 053,762	19,508	19,043	93	72	7 269	236,900	759,949	3,208	2,743
44	23	96 672	19 134,831	368 161,449	19,240	18,776	94	73	5 483	172,225	523,049	3,037	2,573
45	24	96 458	18 402,311	349 026,618	18,966	18,502	95	74	4 026	121,897	350,824	2,878	2,414
46	25	96 225	17 694,303	330 624,307	18,685	18,221	96	75	2 873	83,834	228,927	2,731	2,266
47	26	95 966	17 008,822	312 930,004	18,398	17,934	97	76	1 988	55,921	145,092	2,595	2,130
48	27	95 666	16 342,852	295 921,182	18,107	17,643	98	77	1 332	36,123	89,172	2,469	2,004
49	28	95 333	15 697,407	279 578,330	17,810	17,346	99	78	863	22,562	53,049	2,351	1,887
							100	79	540	13,591	30,487	2,243	1,779

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	28	94 992	15 075,807	264 237,955	17,527	17,063
1							51	29	94 588	14 469,104	249 162,147	17,220	16,756
2							52	30	94 113	13 876,162	234 693,043	16,913	16,449
3							53	31	93 616	13 303,894	220 816,881	16,598	16,133
4							54	32	93 071	12 748,399	207 512,987	16,278	15,813
5							55	33	92 462	12 207,189	194 764,588	15,955	15,490
6							56	34	91 802	11 682,083	182 557,398	15,627	15,163
7							57	35	91 095	11 173,015	170 875,316	15,294	14,829
8							58	36	90 326	10 678,283	159 702,300	14,956	14,491
9							59	37	89 489	10 196,959	149 024,018	14,615	14,150
10							60	38	88 588	9 729,407	138 827,058	14,269	13,804
11							61	39	87 618	9 275,123	129 097,651	13,919	13,454
12							62	40	86 583	8 834,214	119 822,529	13,563	13,099
13							63	41	85 484	8 406,883	110 988,314	13,202	12,738
14							64	42	84 336	7 994,157	102 581,432	12,832	12,368
15							65	43	83 073	7 589,838	94 587,275	12,462	11,998
16							66	44	81 738	7 197,965	86 997,437	12,086	11,622
17							67	45	80 296	6 815,375	79 799,472	11,709	11,244
18							68	46	78 760	6 443,393	72 984,097	11,327	10,863
19							69	47	77 143	6 082,994	66 540,705	10,939	10,474
20							70	48	75 404	5 730,951	60 457,711	10,549	10,085
21							71	49	73 557	5 388,495	54 726,760	10,156	9,692
22	0	99 154	44 113,618	1 039 342,121	23,561	23,096	72	50	71 576	5 053,840	49 338,265	9,763	9,298
23	1	98 789	42 362,578	995 228,502	23,493	23,029	73	51	69 482	4 728,681	44 284,425	9,365	8,901
24	2	98 711	40 799,282	952 865,924	23,355	22,891	74	52	67 243	4 410,898	39 555,744	8,968	8,503
25	3	98 641	39 296,751	912 066,642	23,210	22,745	75	53	64 787	4 096,204	35 144,846	8,580	8,115
26	4	98 576	37 851,348	872 769,892	23,058	22,593	76	54	62 174	3 788,914	31 048,642	8,195	7,730
27	5	98 507	36 457,683	834 918,544	22,901	22,437	77	55	59 397	3 488,809	27 259,728	7,813	7,349
28	6	98 435	35 114,144	798 460,861	22,739	22,275	78	56	56 419	3 194,158	23 770,919	7,442	6,978
29	7	98 367	33 821,674	763 346,717	22,570	22,105	79	57	53 238	2 905,089	20 576,761	7,083	6,619
30	8	98 294	32 574,971	729 525,042	22,395	21,931	80	58	49 904	2 624,757	17 671,672	6,733	6,268
31	9	98 224	31 375,161	696 950,071	22,213	21,749	81	59	46 452	2 354,874	15 046,915	6,390	5,925
32	10	98 147	30 217,449	665 574,911	22,026	21,562	82	60	42 864	2 094,462	12 692,042	6,060	5,595
33	11	98 068	29 101,777	635 357,461	21,832	21,368	83	61	39 209	1 846,589	10 597,580	5,739	5,275
34	12	97 985	28 026,253	606 255,684	21,632	21,167	84	62	35 557	1 614,060	8 750,991	5,422	4,957
35	13	97 900	26 989,657	578 229,431	21,424	20,960	85	63	31 863	1 394,113	7 136,930	5,119	4,655
36	14	97 809	25 989,947	551 239,775	21,210	20,745	86	64	28 210	1 189,678	5 742,817	4,827	4,363
37	15	97 712	25 025,773	525 249,828	20,988	20,524	87	65	24 617	1 000,622	4 553,139	4,550	4,086
38	16	97 607	24 095,307	500 224,055	20,760	20,296	88	66	21 121	827,501	3 552,518	4,293	3,829
39	17	97 485	23 195,295	476 128,748	20,527	20,063	89	67	17 835	673,490	2 725,017	4,046	3,582
40	18	97 357	22 327,662	452 933,453	20,286	19,821	90	68	14 716	535,630	2 051,526	3,830	3,366
41	19	97 210	21 488,121	430 605,792	20,039	19,575	91	69	12 008	421,277	1 515,896	3,598	3,134
42	20	97 057	20 678,805	409 117,671	19,784	19,320	92	70	9 507	321,462	1 094,620	3,405	2,941
43	21	96 887	19 896,477	388 438,866	19,523	19,059	93	71	7 364	239,990	773,157	3,222	2,757
44	22	96 694	19 139,124	368 542,388	19,256	18,792	94	72	5 563	174,755	533,167	3,051	2,587
45	23	96 480	18 406,519	349 403,264	18,983	18,518	95	73	4 092	123,912	358,412	2,892	2,428
46	24	96 244	17 697,880	330 996,746	18,703	18,238	96	74	2 927	85,424	234,500	2,745	2,281
47	25	95 987	17 012,564	313 298,865	18,416	17,951	97	75	2 032	57,147	149,076	2,609	2,144
48	26	95 688	16 346,721	296 286,301	18,125	17,661	98	76	1 366	37,030	91,929	2,483	2,018
49	27	95 359	15 701,625	279 939,580	17,829	17,364	99	77	888	23,205	54,899	2,366	1,901
							100	78	557	14,042	31,694	2,257	1,793

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä_{xy}^{(12)}$
0						
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23	0	99 101	42 496,556	995 786,658	23,432	22,968
24	1	98 737	40 810,054	953 290,101	23,359	22,895
25	2	98 656	39 302,605	912 480,047	23,217	22,752
26	3	98 587	37 855,577	873 177,442	23,066	22,602
27	4	98 519	36 462,029	835 321,865	22,909	22,445
28	5	98 445	35 117,693	798 859,836	22,748	22,284
29	6	98 376	33 824,620	763 742,143	22,579	22,115
30	7	98 302	32 577,767	729 917,523	22,405	21,941
31	8	98 231	31 377,471	697 339,755	22,224	21,760
32	9	98 154	30 219,534	665 962,284	22,037	21,573
33	10	98 075	29 103,842	635 742,750	21,844	21,380
34	11	97 993	28 028,494	606 638,908	21,644	21,179
35	12	97 908	26 991,829	578 610,413	21,437	20,972
36	13	97 817	25 992,275	551 618,584	21,222	20,758
37	14	97 722	25 028,485	525 626,309	21,001	20,537
38	15	97 619	24 098,338	500 597,823	20,773	20,309
39	16	97 500	23 198,865	476 499,485	20,540	20,075
40	17	97 373	22 331,245	453 300,620	20,299	19,835
41	18	97 232	21 493,030	430 969,375	20,052	19,587
42	19	97 077	20 683,077	409 476,345	19,798	19,333
43	20	96 908	19 900,895	388 793,268	19,536	19,072
44	21	96 714	19 143,130	368 892,373	19,270	18,806
45	22	96 501	18 410,649	349 749,242	18,997	18,533
46	23	96 266	17 701,927	331 338,594	18,718	18,253
47	24	96 006	17 016,004	313 636,667	18,432	17,967
48	25	95 710	16 350,318	296 620,663	18,142	17,677
49	26	95 382	15 705,342	280 270,345	17,846	17,381
50	27	95 017	15 079,858	264 565,003	17,544	17,080
51	28	94 612	14 472,764	249 485,145	17,238	16,774
52	29	94 140	13 880,145	235 012,381	16,932	16,467
53	30	93 642	13 307,661	221 132,236	16,617	16,152
54	31	93 099	12 752,251	207 824,576	16,297	15,833
55	32	92 494	12 211,518	195 072,325	15,974	15,510
56	33	91 836	11 686,356	182 860,807	15,647	15,183
57	34	91 133	11 177,763	171 174,451	15,314	14,849
58	35	90 362	10 682,532	159 996,688	14,977	14,513
59	36	89 531	10 201,807	149 314,156	14,636	14,172
60	37	88 635	9 734,602	139 112,349	14,291	13,826
61	38	87 667	9 280,289	129 377,747	13,941	13,477
62	39	86 640	8 840,062	120 097,457	13,586	13,121
63	40	85 545	8 412,824	111 257,395	13,225	12,760
64	41	84 403	8 000,569	102 844,571	12,855	12,390
65	42	83 147	7 596,599	94 844,001	12,485	12,021
66	43	81 822	7 205,343	87 247,402	12,109	11,644
67	44	80 386	6 823,038	80 042,060	11,731	11,267
68	45	78 860	6 451,581	73 219,021	11,349	10,885
69	46	77 252	6 091,578	66 767,440	10,961	10,496
70	47	75 527	5 740,337	60 675,862	10,570	10,106
71	48	73 687	5 398,041	54 935,525	10,177	9,713
72	49	71 723	5 064,261	49 537,484	9,782	9,317
73	50	69 635	4 739,121	44 473,224	9,384	8,920
74	51	67 408	4 421,717	39 734,103	8,986	8,522
75	52	64 966	4 107,481	35 312,386	8,597	8,133
76	53	62 362	3 800,340	31 204,905	8,211	7,747
77	54	59 587	3 499,979	27 404,566	7,830	7,366
78	55	56 620	3 205,516	23 904,587	7,457	6,993
79	56	53 439	2 916,089	20 699,071	7,098	6,634
80	57	50 104	2 635,289	17 782,983	6,748	6,284
81	58	46 658	2 365,310	15 147,694	6,404	5,940
82	59	43 068	2 104,399	12 782,384	6,074	5,610
83	60	39 421	1 856,595	10 677,985	5,751	5,287
84	61	35 762	1 623,389	8 821,390	5,434	4,970
85	62	32 065	1 402,962	7 198,000	5,131	4,666
86	63	28 402	1 197,748	5 795,038	4,838	4,374
87	64	24 799	1 008,030	4 597,290	4,561	4,096
88	65	21 288	834,015	3 589,260	4,304	3,839
89	66	17 989	679,301	2 755,245	4,056	3,592
90	67	14 852	540,566	2 075,943	3,840	3,376
91	68	12 126	425,408	1 535,377	3,609	3,145
92	69	9 609	324,913	1 109,969	3,416	2,952
93	70	7 450	242,808	785,056	3,233	2,769
94	71	5 636	177,035	542,248	3,063	2,599
95	72	4 153	125,732	365,213	2,905	2,440
96	73	2 975	86,836	239,481	2,758	2,293
97	74	2 070	58,231	152,645	2,621	2,157
98	75	1 396	37,842	94,414	2,495	2,031
99	76	910	23,788	56,572	2,378	1,914
100	77	573	14,442	32,784	2,270	1,806

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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24	0	99 050	40 939,123	953 808,449	23,298	22,834
25	1	98 682	39 312,982	912 869,326	23,221	22,756
26	2	98 602	37 861,217	873 556,344	23,073	22,608
27	3	98 530	36 466,103	835 695,128	22,917	22,453
28	4	98 457	35 121,879	799 229,025	22,756	22,291
29	5	98 386	33 828,039	764 107,145	22,588	22,124
30	6	98 311	32 580,605	730 279,106	22,415	21,950
31	7	98 240	31 380,165	697 698,501	22,234	21,769
32	8	98 161	30 221,760	666 318,337	22,048	21,583
33	9	98 082	29 105,850	636 096,577	21,855	21,390
34	10	98 000	28 030,484	606 990,727	21,655	21,190
35	11	97 915	26 993,988	578 960,243	21,448	20,983
36	12	97 825	25 994,368	551 966,255	21,234	20,770
37	13	97 731	25 030,728	525 971,887	21,013	20,549
38	14	97 630	24 100,951	500 941,160	20,785	20,321
39	15	97 512	23 201,783	476 840,209	20,552	20,087
40	16	97 388	22 334,682	453 638,426	20,311	19,847
41	17	97 248	21 496,480	431 303,744	20,064	19,600
42	18	97 099	20 687,802	409 807,264	19,809	19,345
43	19	96 928	19 905,006	389 119,462	19,549	19,084
44	20	96 736	19 147,381	369 214,456	19,283	18,818
45	21	96 522	18 414,503	350 067,075	19,010	18,546
46	22	96 288	17 705,899	331 652,572	18,731	18,267
47	23	96 028	17 019,894	313 946,674	18,446	17,981
48	24	95 729	16 353,623	296 926,779	18,157	17,692
49	25	95 403	15 708,798	280 573,156	17,861	17,396
50	26	95 040	15 083,428	264 864,358	17,560	17,096
51	27	94 637	14 476,653	249 780,930	17,254	16,790
52	28	94 164	13 883,656	235 304,277	16,948	16,484
53	29	93 669	13 311,480	221 420,621	16,634	16,169
54	30	93 125	12 755,861	208 109,141	16,315	15,850
55	31	92 522	12 215,207	195 353,280	15,993	15,528
56	32	91 869	11 690,500	183 138,073	15,666	15,201
57	33	91 167	11 181,852	171 447,573	15,333	14,868
58	34	90 400	10 687,071	160 265,721	14,996	14,532
59	35	89 567	10 205,867	149 578,650	14,656	14,192
60	36	88 677	9 739,230	139 372,783	14,310	13,846
61	37	87 714	9 285,245	129 633,553	13,961	13,497
62	38	86 688	8 844,987	120 348,308	13,606	13,142
63	39	85 601	8 418,393	111 503,322	13,245	12,781
64	40	84 463	8 006,224	103 084,929	12,876	12,411
65	41	83 214	7 602,693	95 078,705	12,506	12,042
66	42	81 895	7 211,762	87 476,012	12,130	11,665
67	43	80 468	6 830,032	80 264,251	11,752	11,287
68	44	78 949	6 458,836	73 434,219	11,370	10,905
69	45	77 350	6 099,319	66 975,383	10,981	10,516
70	46	75 634	5 748,437	60 876,064	10,590	10,126
71	47	73 808	5 406,882	55 127,627	10,196	9,731
72	48	71 850	5 073,232	49 720,745	9,801	9,336
73	49	69 779	4 748,892	44 647,512	9,402	8,937
74	50	67 557	4 431,479	39 898,620	9,003	8,539
75	51	65 125	4 117,556	35 467,141	8,614	8,149
76	52	62 533	3 810,802	31 349,585	8,227	7,762
77	53	59 766	3 510,533	27 538,784	7,845	7,380
78	54	56 801	3 215,778	24 028,250	7,472	7,008
79	55	53 629	2 926,458	20 812,473	7,112	6,647
80	56	50 294	2 645,267	17 886,015	6,762	6,297
81	57	46 845	2 374,801	15 240,747	6,418	5,953
82	58	43 259	2 113,725	12 865,946	6,087	5,622
83	59	39 608	1 865,404	10 752,221	5,764	5,300
84	60	35 956	1 632,186	8 886,817	5,445	4,980
85	61	32 251	1 411,071	7 254,631	5,141	4,677
86	62	28 582	1 205,351	5 843,560	4,848	4,384
87	63	24 967	1 014,868	4 638,209	4,570	4,106
88	64	21 445	840,190	3 623,341	4,313	3,848
89	65	18 130	684,648	2 783,151	4,065	3,601
90	66	14 980	545,230	2 098,503	3,849	3,384
91	67	12 238	429,329	1 553,272	3,618	3,153
92	68	9 703	328,099	1 123,944	3,426	2,961
93	69	7 530	245,415	795,845	3,243	2,778
94	70	5 702	179,114	550,430	3,073	2,609
95	71	4 207	127,373	371,316	2,915	2,451
96	72	3 019	88,111	243,944	2,769	2,304
97	73	2 104	59,193	155,832	2,633	2,168
98	74	1 422	38,559	96,639	2,506	2,042
99	75	930	24,310	58,080	2,389	1,925
100	76	588	14,805	33,770	2,281	1,817

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   3,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
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25	0	98 994	39 437,315	913 350,853	23,160	22,695
26	1	98 628	37 871,213	873 913,538	23,076	22,612
27	2	98 545	36 471,535	836 042,325	22,923	22,459
28	3	98 468	35 125,804	799 570,789	22,763	22,299
29	4	98 397	33 832,071	764 444,985	22,595	22,131
30	5	98 321	32 583,898	730 612,914	22,423	21,958
31	6	98 248	31 382,898	698 029,016	22,242	21,778
32	7	98 169	30 224,354	666 646,118	22,057	21,592
33	8	98 089	29 107,994	636 421,764	21,864	21,400
34	9	98 007	28 032,417	607 313,771	21,665	21,200
35	10	97 922	26 995,904	579 281,353	21,458	20,994
36	11	97 833	25 996,446	552 285,449	21,245	20,780
37	12	97 739	25 032,743	526 289,003	21,024	20,560
38	13	97 638	24 103,110	501 256,260	20,796	20,332
39	14	97 522	23 204,298	477 153,150	20,563	20,099
40	15	97 400	22 337,492	453 948,852	20,322	19,858
41	16	97 263	21 499,788	431 611,360	20,075	19,611
42	17	97 115	20 691,123	410 111,573	19,821	19,356
43	18	96 951	19 909,554	389 420,450	19,559	19,095
44	19	96 756	19 151,337	369 510,896	19,294	18,830
45	20	96 543	18 418,592	350 359,559	19,022	18,558
46	21	96 308	17 709,605	331 940,968	18,744	18,279
47	22	96 050	17 023,713	314 231,363	18,458	17,994
48	23	95 751	16 357,362	297 207,650	18,170	17,705
49	24	95 422	15 711,974	280 850,287	17,875	17,410

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
50	25	95 061	15 086,747	265 138,314	17,574	17,110
51	26	94 660	14 480,080	250 051,567	17,269	16,804
52	27	94 189	13 887,386	235 571,487	16,963	16,499
53	28	93 693	13 314,847	221 684,100	16,649	16,185
54	29	93 152	12 759,522	208 369,253	16,330	15,866
55	30	92 549	12 218,665	195 609,731	16,009	15,545
56	31	91 896	11 694,031	183 391,066	15,682	15,218
57	32	91 199	11 185,817	171 697,034	15,350	14,885
58	33	90 433	10 690,980	160 511,217	15,014	14,549
59	34	89 605	10 210,204	149 820,237	14,674	14,209
60	35	88 712	9 743,106	139 610,033	14,329	13,865
61	36	87 755	9 289,659	129 866,927	13,980	13,515
62	37	86 734	8 849,710	120 577,268	13,625	13,161
63	38	85 649	8 423,082	111 727,559	13,264	12,800
64	39	84 519	8 011,524	103 304,476	12,894	12,430
65	40	83 272	7 608,066	95 292,953	12,525	12,061
66	41	81 960	7 217,546	87 684,887	12,149	11,684
67	42	80 540	6 836,117	80 467,340	11,771	11,306
68	43	79 030	6 465,456	73 631,224	11,388	10,924
69	44	77 437	6 106,177	67 165,768	11,000	10,535
70	45	75 730	5 755,743	61 059,591	10,608	10,144
71	46	73 912	5 414,512	55 303,848	10,214	9,750
72	47	71 968	5 081,541	49 889,336	9,818	9,353
73	48	69 903	4 757,305	44 807,795	9,419	8,954
74	49	67 696	4 440,616	40 050,490	9,019	8,555
75	50	65 269	4 126,647	35 609,873	8,629	8,165
76	51	62 687	3 820,149	31 483,227	8,241	7,777
77	52	59 931	3 520,197	27 663,078	7,858	7,394
78	53	56 973	3 225,475	24 142,881	7,485	7,021
79	54	53 801	2 935,827	20 917,405	7,125	6,660
80	55	50 473	2 654,673	17 981,579	6,774	6,309
81	56	47 022	2 383,793	15 326,905	6,430	5,965
82	57	43 432	2 122,207	12 943,112	6,099	5,634
83	58	39 784	1 873,671	10 820,905	5,775	5,311
84	59	36 127	1 639,930	8 947,234	5,456	4,991
85	60	32 425	1 418,717	7 307,305	5,151	4,686
86	61	28 747	1 212,318	5 888,587	4,857	4,393
87	62	25 126	1 021,310	4 676,269	4,579	4,114
88	63	21 591	845,889	3 654,959	4,321	3,856
89	64	18 265	689,717	2 809,070	4,073	3,608
90	65	15 098	549,522	2 119,352	3,857	3,392
91	66	12 344	433,033	1 569,831	3,625	3,161
92	67	9 793	331,123	1 136,798	3,433	2,969
93	68	7 604	247,821	805,674	3,251	2,787
94	69	5 763	181,037	557,853	3,081	2,617
95	70	4 256	128,868	376,817	2,924	2,460
96	71	3 059	89,261	247,949	2,778	2,313
97	72	2 135	60,063	158,688	2,642	2,178
98	73	1 446	39,197	98,625	2,516	2,052
99	74	948	24,770	59,428	2,399	1,935
100	75	601	15,129	34,658	2,291	1,826

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	0	100 000	100 000,000	2 409 799,229	24,098	23,633	50	50	93 336	13 133,486	208 164,314	15,850	15,385
1	1	99 299	95 479,970	2 309 799,229	24,191	23,727	51	51	92 757	12 550,120	195 030,828	15,540	15,075
2	2	99 240	91 753,397	2 214 319,259	24,133	23,669	52	52	92 093	11 980,945	182 480,708	15,231	14,766
3	3	99 207	88 194,630	2 122 565,862	24,067	23,602	53	53	91 380	11 431,001	170 499,763	14,916	14,451
4	4	99 182	84 781,263	2 034 371,232	23,996	23,531	54	54	90 602	10 897,814	159 068,762	14,596	14,132
5	5	99 157	81 499,905	1 949 589,969	23,921	23,457	55	55	89 754	10 380,541	148 170,948	14,274	13,809
6	6	99 136	78 348,907	1 868 090,064	23,843	23,378	56	56	88 831	9 878,629	137 790,407	13,948	13,484
7	7	99 117	75 320,968	1 789 741,157	23,762	23,297	57	57	87 851	9 393,874	127 911,778	13,617	13,152
8	8	99 101	72 411,825	1 714 420,189	23,676	23,211	58	58	86 796	8 924,094	118 517,904	13,281	12,816
9	9	99 085	69 615,828	1 642 008,365	23,587	23,122	59	59	85 653	8 467,869	109 593,810	12,942	12,477
10	10	99 070	66 928,422	1 572 392,537	23,494	23,029	60	60	84 435	8 026,400	101 125,941	12,599	12,134
11	11	99 055	64 343,933	1 505 464,116	23,397	22,932	61	61	83 107	7 596,330	93 099,542	12,256	11,791
12	12	99 038	61 858,910	1 441 120,182	23,297	22,832	62	62	81 707	7 181,105	85 503,212	11,907	11,442
13	13	99 019	59 468,315	1 379 261,272	23,193	22,728	63	63	80 218	6 779,097	78 322,107	11,553	11,089
14	14	98 999	57 169,609	1 319 792,957	23,086	22,621	64	64	78 670	6 392,584	71 543,009	11,192	10,727
15	15	98 974	54 956,570	1 262 623,348	22,975	22,510	65	65	76 991	6 015,533	65 150,426	10,830	10,366
16	16	98 944	52 826,802	1 207 666,778	22,861	22,396	66	66	75 240	5 652,570	59 134,892	10,462	9,997
17	17	98 903	50 773,997	1 154 839,976	22,745	22,280	67	67	73 362	5 299,535	53 482,322	10,092	9,627
18	18	98 853	48 796,779	1 104 065,979	22,626	22,161	68	68	71 392	4 958,892	48 182,787	9,716	9,252
19	19	98 783	46 886,678	1 055 269,199	22,507	22,042	69	69	69 345	4 631,447	43 223,895	9,333	8,868
20	20	98 714	45 052,005	1 008 382,522	22,383	21,918	70	70	67 172	4 313,740	38 592,448	8,946	8,482
21	21	98 639	43 286,324	963 330,516	22,255	21,790	71	71	64 881	4 006,350	34 278,709	8,556	8,091
22	22	98 566	41 590,267	920 044,192	22,122	21,657	72	72	62 449	3 707,860	30 272,359	8,164	7,700
23	23	98 491	39 960,424	878 453,926	21,983	21,518	73	73	59 876	3 418,384	26 564,499	7,771	7,306
24	24	98 417	38 394,619	838 493,501	21,839	21,374	74	74	57 144	3 136,941	23 146,115	7,379	6,914
25	25	98 342	36 889,787	800 098,882	21,689	21,224	75	75	54 182	2 859,910	20 009,174	6,996	6,532
26	26	98 266	35 443,663	763 209,095	21,533	21,068	76	76	51 034	2 590,165	17 149,263	6,621	6,156
27	27	98 186	34 052,583	727 765,431	21,372	20,907	77	77	47 712	2 328,431	14 559,098	6,253	5,788
28	28	98 098	32 713,352	693 712,849	21,206	20,741	78	78	44 221	2 075,050	12 230,667	5,894	5,429
29	29	98 014	31 428,295	660 999,497	21,032	20,567	79	79	40 542	1 829,247	10 155,617	5,552	5,087
30	30	97 921	30 190,978	629 571,202	20,853	20,388	80	80	36 771	1 595,274	8 326,370	5,219	4,755
31	31	97 831	29 002,999	599 380,224	20,666	20,201	81	81	32 943	1 374,234	6 731,097	4,898	4,433
32	32	97 732	27 859,178	570 377,225	20,474	20,009	82	82	29 089	1 166,809	5 356,863	4,591	4,126
33	33	97 625	26 758,491	542 518,047	20,275	19,810	83	83	25 277	974,910	4 190,054	4,298	3,833
34	34	97 515	25 700,278	515 759,557	20,068	19,603	84	84	21 610	801,392	3 215,143	4,012	3,547
35	35	97 396	24 681,716	490 059,279	19,855	19,390	85	85	18 078	644,654	2 413,751	3,744	3,279
36	36	97 276	23 703,052	465 377,563	19,634	19,169	86	86	14 781	506,797	1 769,098	3,491	3,026
37	37	97 144	22 760,499	441 674,511	19,405	18,940	87	87	11 769	388,020	1 262,300	3,253	2,788
38	38	97 000	21 852,661	418 914,012	19,170	18,705	88	88	9 075	287,697	874,280	3,039	2,574
39	39	96 839	20 977,393	397 061,351	18,928	18,463	89	89	6 784	206,794	586,583	2,837	2,372
40	40	96 664	20 134,086	376 083,958	18,679	18,214	90	90	4 850	142,148	379,789	2,672	2,207
41	41	96 472	19 321,207	355 949,873	18,423	17,958	91	91	3 378	95,192	237,641	2,496	2,032
42	42	96 263	18 537,771	336 628,666	18,159	17,694	92	92	2 223	60,227	142,449	2,365	1,900
43	43	96 030	17 781,677	318 090,895	17,889	17,424	93	93	1 412	36,794	82,222	2,235	1,770
44	44	95 760	17 049,802	300 309,217	17,614	17,149	94	94	857	21,465	45,428	2,116	1,652
45	45	95 463	16 343,049	283 259,416	17,332	16,867	95	95	495	11,926	23,963	2,009	1,544
46	46	95 130	15 659,762	266 916,367	17,045	16,580	96	96	272	6,295	12,037	1,912	1,447
47	47	94 761	14 999,053	251 256,605	16,751	16,287	97	97	141	3,147	5,742	1,824	1,360
48	48	94 333	14 357,021	236 257,551	16,456	15,991	98	98	69	1,487	2,595	1,745	1,280
49	49	93 864	13 736,217	221 900,531	16,154	15,690	99	99	32	0,662	1,108	1,673	1,208
							100	100	14	0,277	0,445	1,607	1,143

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	1	99 685	99 684,731	2 406 920,818	24,145	23,681	50	51	93 130	13 104,553	206 162,006	15,732	15,267
1	2	99 273	95 454,767	2 307 236,087	24,171	23,706	51	52	92 530	12 519,412	193 057,453	15,421	14,956
2	3	99 226	91 739,731	2 211 781,320	24,109	23,644	52	53	91 840	11 948,053	180 538,041	15,110	14,645
3	4	99 196	88 184,776	2 120 041,589	24,041	23,576	53	54	91 105	11 396,633	168 589,988	14,793	14,328
4	5	99 170	84 771,158	2 031 856,813	23,969	23,504	54	55	90 313	10 863,037	157 193,355	14,470	14,006
5	6	99 147	81 491,667	1 947 085,654	23,893	23,428	55	56	89 436	10 343,761	146 330,319	14,147	13,682
6	7	99 128	78 342,084	1 865 593,987	23,813	23,349	56	57	88 496	9 841,365	135 986,558	13,818	13,353
7	8	99 109	75 314,503	1 787 251,903	23,731	23,266	57	58	87 500	9 356,331	126 145,193	13,482	13,018
8	9	99 093	72 406,492	1 711 937,400	23,643	23,179	58	59	86 413	8 884,718	116 788,862	13,145	12,680
9	10	99 078	69 611,025	1 639 530,908	23,553	23,088	59	60	85 248	8 427,883	107 904,144	12,803	12,338
10	11	99 063	66 923,672	1 569 919,883	23,458	22,994	60	61	83 980	7 983,143	99 476,261	12,461	11,996
11	12	99 047	64 338,788	1 502 996,211	23,361	22,896	61	62	82 629	7 552,676	91 493,118	12,114	11,649
12	13	99 030	61 853,931	1 438 657,423	23,259	22,794	62	63	81 191	7 135,809	83 940,442	11,763	11,298
13	14	99 010	59 462,988	1 376 803,493	23,154	22,689	63	64	79 678	6 733,421	76 804,633	11,406	10,942
14	15	98 989	57 163,413	1 317 340,505	23,045	22,580	64	65	78 092	6 345,602	70 071,212	11,042	10,578
15	16	98 961	54 949,657	1 260 177,092	22,933	22,468	65	66	76 390	5 968,553	63 725,610	10,677	10,212
16	17	98 928	52 818,674	1 205 227,435	22,818	22,353	66	67	74 596	5 604,217	57 757,057	10,306	9,841
17	18	98 887	50 765,849	1 152 408,761	22,700	22,236	67	68	72 692	5 251,138	52 152,841	9,932	9,467
18	19	98 831	48 785,634	1 101 642,912	22,581	22,116	68	69	70 699	4 910,738	46 901,702	9,551	9,086
19	20	98 763	46 876,994	1 052 857,278	22,460	21,995	69	70	68 609	4 582,254	41 990,965	9,164	8,699
20	21	98 693	45 042,004	1 005 980,285	22,334	21,869	70	71	66 392	4 263,680	37 408,711	8,774	8,309
21	22	98 619	43 277,265	960 938,280	22,204	21,739	71	72	64 045	3 954,759	33 145,031	8,381	7,916
22	23	98 543	41 580,937	917 661,016	22,069	21,604	72	73	61 545	3 654,179	29 190,272	7,988	7,523
23	24	98 469	39 951,290	876 080,079	21,929	21,464	73	74	58 903	3 362,797	25 536,093	7,594	7,129
24	25	98 397	38 386,858	836 128,789	21,782	21,317	74	75	56 081	3 078,500	22 173,296	7,202	6,738
25	26	98 321	36 881,672	797 741,931	21,630	21,165	75	76	53 019	2 798,543	19 094,725	6,823	6,358
26	27	98 243	35 435,275	760 860,258	21,472	21,007	76	77	49 784	2 526,725	16 296,183	6,450	5,985
27	28	98 160	34 043,434	725 424,983	21,309	20,844	77	78	46 390	2 263,878	13 769,458	6,082	5,617
28	29	98 073	32 705,080	691 381,549	21,140	20,675	78	79	42 803	2 008,506	11 505,580	5,728	5,264
29	30	97 986	31 419,278	658 676,469	20,964	20,499	79	80	39 070	1 762,835	9 497,073	5,387	4,923
30	31	97 894	30 182,433	627 257,191	20,782	20,317	80	81	35 235	1 528,646	7 734,239	5,060	4,595
31	32	97 801	28 994,239	597 074,759	20,593	20,128	81	82	31 375	1 308,834	6 205,593	4,741	4,276
32	33	97 697	27 849,302	568 080,520	20,398	19,934	82	83	27 485	1 102,466	4 896,759	4,442	3,977
33	34	97 589	26 748,707	540 231,217	20,197	19,732	83	84	23 692	913,772	3 794,293	4,152	3,688
34	35	97 474	25 689,361	513 482,510	19,988	19,523	84	85	20 047	743,439	2 880,521	3,875	3,410
35	36	97 358	24 671,899	487 793,150	19,771	19,306	85	86	16 582	591,305	2 137,082	3,614	3,149
36	37	97 230	23 691,788	463 121,251	19,548	19,083	86	87	13 388	459,045	1 545,776	3,367	2,903
37	38	97 092	22 748,352	439 429,463	19,317	18,852	87	88	10 495	346,001	1 086,731	3,141	2,676
38	39	96 946	21 840,495	416 681,110	19,078	18,614	88	89	7 966	252,516	740,730	2,933	2,469
39	40	96 775	20 963,515	394 840,615	18,835	18,370	89	90	5 824	177,529	488,214	2,750	2,285
40	41	96 596	20 119,866	373 877,100	18,582	18,118	90	91	4 099	120,144	310,685	2,586	2,121
41	42	96 395	19 305,721	353 757,234	18,324	17,859	91	92	2 778	78,277	190,541	2,434	1,969
42	43	96 177	18 521,271	334 451,513	18,058	17,593	92	93	1 802	48,830	112,264	2,299	1,834
43	44	95 932	17 763,470	315 930,242	17,785	17,321	93	94	1 119	29,168	63,433	2,175	1,710
44	45	95 653	17 030,652	298 166,772	17,508	17,043	94	95	663	16,617	34,265	2,062	1,597
45	46	95 341	16 322,306	281 136,120	17,224	16,759	95	96	374	9,004	17,648	1,960	1,495
46	47	94 996	15 637,696	264 813,814	16,934	16,470	96	97	200	4,628	8,645	1,868	1,403
47	48	94 606	14 974,528	249 176,118	16,640	16,175	97	98	101	2,251	4,016	1,784	1,319
48	49	94 166	14 331,631	234 201,590	16,342	15,877	98	99	48	1,033	1,765	1,708	1,244
49	50	93 671	13 707,953	219 869,959	16,040	15,575	99	100	22	0,446	0,732	1,640	1,175

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	2	99 658	99 658,418	2 404 150,696	24,124	23,659	50	52	92 902	13 072,489	204 006,078	15,606	15,141
1	3	99 258	95 440,550	2 304 492,278	24,146	23,681	51	53	92 276	12 485,042	190 933,589	15,293	14,828
2	4	99 215	91 729,481	2 209 051,728	24,082	23,617	52	54	91 564	11 912,130	178 448,547	14,980	14,516
3	5	99 184	88 174,266	2 117 322,247	24,013	23,548	53	55	90 815	11 360,264	166 536,417	14,660	14,195
4	6	99 160	84 762,590	2 029 147,981	23,939	23,474	54	56	89 993	10 824,547	155 176,153	14,336	13,871
5	7	99 138	81 484,570	1 944 385,391	23,862	23,397	55	57	89 099	10 304,742	144 351,606	14,008	13,543
6	8	99 119	78 335,360	1 862 900,820	23,781	23,316	56	58	88 142	9 802,033	134 046,864	13,675	13,211
7	9	99 101	75 308,957	1 784 565,461	23,697	23,232	57	59	87 113	9 315,048	124 244,831	13,338	12,873
8	10	99 086	72 401,497	1 709 256,504	23,608	23,143	58	60	86 005	8 842,764	114 929,783	12,997	12,532
9	11	99 071	69 606,085	1 636 855,007	23,516	23,051	59	61	84 789	8 382,463	106 087,019	12,656	12,191
10	12	99 055	66 918,320	1 567 248,922	23,420	22,956	60	62	83 497	7 937,266	97 704,556	12,310	11,845
11	13	99 039	64 333,609	1 500 330,602	23,321	22,856	61	63	82 108	7 505,036	89 767,290	11,961	11,496
12	14	99 021	61 848,390	1 435 996,994	23,218	22,753	62	64	80 644	7 087,729	82 262,254	11,606	11,141
13	15	99 000	59 456,543	1 374 148,604	23,112	22,647	63	65	79 092	6 683,934	75 174,525	11,247	10,782
14	16	98 976	57 156,222	1 314 692,061	23,002	22,537	64	66	77 482	6 296,044	68 490,591	10,878	10,414
15	17	98 946	54 941,202	1 257 535,839	22,889	22,424	65	67	75 736	5 917,496	62 194,547	10,510	10,045
16	18	98 913	52 810,198	1 202 594,637	22,772	22,307	66	68	73 915	5 553,037	56 277,051	10,134	9,670
17	19	98 864	50 754,254	1 149 784,439	22,654	22,189	67	69	71 986	5 200,146	50 724,014	9,754	9,290
18	20	98 810	48 775,558	1 099 030,185	22,532	22,068	68	70	69 948	4 858,578	45 523,867	9,370	8,905
19	21	98 741	46 866,587	1 050 254,628	22,409	21,945	69	71	67 813	4 529,078	40 665,289	8,979	8,514
20	22	98 672	45 032,577	1 003 388,040	22,281	21,817	70	72	65 537	4 208,776	36 136,211	8,586	8,121
21	23	98 597	43 267,556	958 355,463	22,150	21,685	71	73	63 118	3 897,503	31 927,435	8,192	7,727
22	24	98 521	41 571,432	915 087,907	22,012	21,548	72	74	60 544	3 594,758	28 029,932	7,797	7,333
23	25	98 449	39 943,215	873 516,475	21,869	21,404	73	75	57 807	3 300,224	24 435,174	7,404	6,939
24	26	98 376	38 378,414	833 573,260	21,720	21,255	74	76	54 878	3 012,510	21 134,951	7,016	6,551
25	27	98 297	36 872,944	795 194,846	21,566	21,101	75	77	51 721	2 729,998	18 122,440	6,638	6,173
26	28	98 217	35 425,755	758 321,902	21,406	20,941	76	78	48 404	2 456,675	15 392,442	6,266	5,801
27	29	98 135	34 034,826	722 896,147	21,240	20,775	77	79	44 902	2 191,280	12 935,767	5,903	5,438
28	30	98 045	32 695,696	688 861,321	21,069	20,604	78	80	41 249	1 935,586	10 744,487	5,551	5,086
29	31	97 958	31 410,385	656 165,625	20,890	20,425	79	81	37 438	1 689,209	8 808,902	5,215	4,750
30	32	97 864	30 173,317	624 755,240	20,706	20,241	80	82	33 558	1 455,897	7 119,693	4,890	4,425
31	33	97 767	28 983,962	594 581,924	20,514	20,049	81	83	29 645	1 236,659	5 663,796	4,580	4,115
32	34	97 661	27 839,120	565 597,962	20,317	19,852	82	84	25 762	1 033,329	4 427,137	4,284	3,820
33	35	97 548	26 737,345	537 758,842	20,113	19,648	83	85	21 979	847,692	3 393,808	4,004	3,539
34	36	97 435	25 679,143	511 021,498	19,900	19,435	84	86	18 388	681,916	2 546,116	3,734	3,269
35	37	97 311	24 660,174	485 342,355	19,681	19,216	85	87	15 020	535,591	1 864,200	3,481	3,016
36	38	97 178	23 679,144	460 682,181	19,455	18,990	86	88	11 938	409,335	1 328,609	3,246	2,781
37	39	97 038	22 735,688	437 003,036	19,221	18,756	87	89	9 211	303,690	919,274	3,027	2,562
38	40	96 882	21 826,046	414 267,348	18,980	18,516	88	90	6 838	216,780	615,585	2,840	2,375
39	41	96 707	20 948,710	392 441,302	18,733	18,269	89	91	4 923	150,048	398,804	2,658	2,193
40	42	96 518	20 103,740	371 492,592	18,479	18,014	90	92	3 371	98,796	248,756	2,518	2,053
41	43	96 309	19 288,538	351 388,852	18,217	17,753	91	93	2 252	63,465	149,960	2,363	1,898
42	44	96 078	18 502,306	332 100,314	17,949	17,484	92	94	1 429	38,710	86,495	2,234	1,770
43	45	95 824	17 743,519	313 598,008	17,674	17,209	93	95	867	22,580	47,785	2,116	1,651
44	46	95 532	17 009,036	295 854,489	17,394	16,929	94	96	501	12,545	25,205	2,009	1,544
45	47	95 207	16 299,306	278 845,453	17,108	16,643	95	97	275	6,620	12,660	1,912	1,447
46	48	94 841	15 612,126	262 546,147	16,817	16,352	96	98	143	3,310	6,040	1,824	1,360
47	49	94 439	14 948,047	246 934,021	16,519	16,055	97	99	70	1,564	2,729	1,745	1,280
48	50	93 973	14 302,142	231 985,974	16,220	15,756	98	100	33	0,697	1,165	1,673	1,208
49	51	93 465	13 677,754	217 683,832	15,915	15,450							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	3	99 644	99 643,575	2 401 189,089	24,098	23,633	50	53	92 647	13 036,600	201 690,078	15,471	15,006
1	4	99 247	95 429,886	2 301 545,514	24,118	23,653	51	54	91 999	12 447,505	188 653,478	15,156	14,691
2	5	99 203	91 718,548	2 206 115,628	24,053	23,588	52	55	91 271	11 874,116	176 205,973	14,840	14,375
3	6	99 174	88 165,354	2 114 397,080	23,982	23,517	53	56	90 493	11 320,012	164 331,857	14,517	14,052
4	7	99 152	84 755,208	2 026 231,726	23,907	23,442	54	57	89 654	10 783,715	153 011,844	14,189	13,724
5	8	99 130	81 477,577	1 941 476,518	23,828	23,364	55	58	88 742	10 263,559	142 228,130	13,858	13,393
6	9	99 112	78 329,591	1 859 998,941	23,746	23,281	56	59	87 753	9 758,783	131 964,571	13,523	13,058
7	10	99 095	75 303,761	1 781 669,350	23,660	23,195	57	60	86 702	9 271,062	122 205,787	13,181	12,717
8	11	99 079	72 396,359	1 706 365,589	23,570	23,105	58	61	85 541	8 795,107	112 934,726	12,841	12,376
9	12	99 063	69 600,519	1 633 969,230	23,476	23,012	59	62	84 302	8 334,291	104 139,618	12,495	12,030
10	13	99 047	66 912,933	1 564 368,711	23,379	22,914	60	63	82 970	7 887,200	95 805,327	12,147	11,682
11	14	99 030	64 327,846	1 497 455,778	23,279	22,814	61	64	81 555	7 454,468	87 918,127	11,794	11,329
12	15	99 011	61 841,686	1 433 127,932	23,174	22,709	62	65	80 052	7 035,638	80 463,658	11,437	10,972
13	16	98 987	59 449,064	1 371 286,246	23,067	22,602	63	66	78 474	6 631,733	73 428,020	11,072	10,607
14	17	98 961	57 147,427	1 311 837,182	22,955	22,490	64	67	76 819	6 242,186	66 796,286	10,701	10,236
15	18	98 930	54 932,385	1 254 689,755	22,841	22,376	65	68	75 045	5 863,456	60 554,101	10,327	9,863
16	19	98 890	52 798,135	1 199 757,370	22,723	22,259	66	69	73 197	5 499,114	54 690,645	9,945	9,481
17	20	98 844	50 743,771	1 146 959,234	22,603	22,138	67	70	71 222	5 144,913	49 191,531	9,561	9,096
18	21	98 788	48 764,730	1 096 215,463	22,480	22,015	68	71	69 136	4 802,196	44 046,618	9,172	8,707
19	22	98 720	46 856,779	1 047 450,733	22,354	21,889	69	72	66 939	4 470,756	39 244,422	8,778	8,313
20	23	98 650	45 022,475	1 000 593,955	22,224	21,759	70	73	64 589	4 147,842	34 773,666	8,384	7,919
21	24	98 574	43 257,666	955 571,479	22,090	21,625	71	74	62 092	3 834,125	30 625,824	7,988	7,523
22	25	98 501	41 563,029	912 313,813	21,950	21,485	72	75	59 417	3 527,868	26 791,699	7,594	7,129
23	26	98 427	39 934,428	870 750,784	21,805	21,340	73	76	56 566	3 229,408	23 263,831	7,204	6,739
24	27	98 352	38 369,331	830 816,356	21,653	21,188	74	77	53 534	2 938,726	20 034,423	6,817	6,353
25	28	98 271	36 863,038	792 447,025	21,497	21,032	75	78	50 287	2 654,313	17 095,697	6,441	5,976
26	29	98 192	35 416,797	755 583,987	21,334	20,869	76	79	46 852	2 377,893	14 441,385	6,073	5,608
27	30	98 107	34 025,060	720 167,190	21,166	20,701	77	80	43 272	2 111,723	12 063,491	5,713	5,248
28	31	98 017	32 686,442	686 142,130	20,992	20,527	78	81	39 526	1 854,745	9 951,768	5,366	4,901
29	32	97 928	31 400,898	653 455,688	20,810	20,345	79	82	35 657	1 608,819	8 097,023	5,033	4,568
30	33	97 829	30 162,621	622 054,789	20,623	20,159	80	83	31 708	1 375,613	6 488,204	4,717	4,252
31	34	97 731	28 973,364	591 892,168	20,429	19,964	81	84	27 786	1 159,106	5 112,592	4,411	3,946
32	35	97 620	27 827,294	562 918,804	20,229	19,764	82	85	23 899	958,603	3 953,485	4,124	3,659
33	36	97 509	26 726,710	535 091,510	20,021	19,556	83	86	20 160	777,542	2 994,883	3,852	3,387
34	37	97 388	25 666,940	508 364,800	19,806	19,341	84	87	16 655	617,664	2 217,341	3,590	3,125
35	38	97 259	24 647,013	482 697,861	19,584	19,120	85	88	13 393	477,591	1 599,677	3,349	2,885
36	39	97 124	23 665,962	458 050,847	19,355	18,890	86	89	10 478	359,278	1 122,086	3,123	2,658
37	40	96 974	22 720,647	434 384,885	19,119	18,654	87	90	7 908	260,712	762,808	2,926	2,461
38	41	96 813	21 810,632	411 664,238	18,874	18,410	88	91	5 780	183,224	502,095	2,740	2,276
39	42	96 629	20 931,920	389 853,606	18,625	18,160	89	92	4 048	123,387	318,872	2,584	2,120
40	43	96 433	20 085,846	368 921,686	18,367	17,902	90	93	2 733	80,101	195,485	2,440	1,976
41	44	96 210	19 268,787	348 835,840	18,104	17,639	91	94	1 785	50,312	115,384	2,293	1,829
42	45	95 971	18 481,525	329 567,052	17,832	17,367	92	95	1 106	29,966	65,072	2,172	1,707
43	46	95 702	17 720,998	311 085,527	17,555	17,090	93	96	654	17,047	35,106	2,059	1,595
44	47	95 397	16 985,069	293 364,529	17,272	16,807	94	97	368	9,224	18,059	1,958	1,493
45	48	95 051	16 272,655	276 379,461	16,984	16,519	95	98	197	4,735	8,835	1,866	1,401
46	49	94 673	15 584,517	260 106,806	16,690	16,225	96	99	99	2,300	4,100	1,783	1,318
47	50	94 245	14 917,289	244 522,289	16,392	15,927	97	100	47	1,054	1,800	1,707	1,242
48	51	93 766	14 270,634	229 605,000	16,089	15,625							
49	52	93 236	13 644,288	215 334,366	15,782	15,317							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	4	99 632	99 632,441	2 398 013,309	24,069	23,604	50	54	92 368	12 997,405	199 208,551	15,327	14,862
1	5	99 235	95 418,513	2 298 380,868	24,087	23,623	51	55	91 705	12 407,782	186 211,146	15,008	14,543
2	6	99 193	91 709,278	2 202 962,355	24,021	23,556	52	56	90 948	11 832,044	173 803,364	14,689	14,224
3	7	99 165	88 157,676	2 111 253,078	23,949	23,484	53	57	90 151	11 277,311	161 971,319	14,363	13,898
4	8	99 143	84 747,934	2 023 095,402	23,872	23,407	54	58	89 295	10 740,617	150 694,009	14,030	13,565
5	9	99 123	81 471,576	1 938 347,468	23,792	23,327	55	59	88 351	10 218,273	139 953,392	13,696	13,232
6	10	99 105	78 324,187	1 856 875,891	23,708	23,243	56	60	87 339	9 712,702	129 735,119	13,357	12,892
7	11	99 088	75 298,417	1 778 551,704	23,620	23,155	57	61	86 235	9 221,097	120 022,417	13,016	12,551
8	12	99 071	72 390,569	1 703 253,287	23,529	23,064	58	62	85 050	8 744,565	110 801,320	12,671	12,206
9	13	99 055	69 594,916	1 630 862,717	23,434	22,969	59	63	83 770	8 281,721	102 056,755	12,323	11,858
10	14	99 039	66 906,939	1 561 267,802	23,335	22,870	60	64	82 411	7 834,058	93 775,034	11,970	11,505
11	15	99 019	64 320,874	1 494 360,862	23,233	22,768	61	65	80 956	7 399,682	85 940,976	11,614	11,149
12	16	98 998	61 833,907	1 430 039,989	23,127	22,662	62	66	79 427	6 980,691	78 541,294	11,251	10,786
13	17	98 972	59 439,916	1 368 206,082	23,018	22,553	63	67	77 803	6 575,004	71 560,603	10,884	10,419
14	18	98 945	57 138,257	1 308 766,166	22,905	22,440	64	68	76 118	6 185,180	64 985,599	10,507	10,042
15	19	98 908	54 919,838	1 251 627,909	22,790	22,325	65	69	74 316	5 806,518	58 800,419	10,127	9,662
16	20	98 869	52 787,231	1 196 708,071	22,670	22,206	66	70	72 420	5 440,705	52 993,901	9,740	9,275
17	21	98 822	50 732,506	1 143 920,840	22,548	22,083	67	71	70 395	5 085,208	47 553,196	9,351	8,886
18	22	98 768	48 754,524	1 093 188,334	22,422	21,957	68	72	68 246	4 740,357	42 467,989	8,959	8,494
19	23	98 698	46 846,267	1 044 433,810	22,295	21,830	69	73	65 970	4 406,030	37 727,632	8,563	8,098
20	24	98 627	45 012,184	997 587,542	22,163	21,698	70	74	63 538	4 080,393	33 321,602	8,166	7,701
21	25	98 554	43 248,922	952 575,358	22,025	21,561	71	75	60 936	3 762,781	29 241,208	7,771	7,306
22	26	98 479	41 553,886	909 326,436	21,883	21,418	72	76	58 142	3 452,167	25 478,427	7,380	6,916
23	27	98 404	39 924,977	867 772,550	21,735	21,270	73	77	55 181	3 150,310	22 026,260	6,992	6,527
24	28	98 326	38 359,023	827 847,574	21,582	21,117	74	78	52 049	2 857,253	18 875,949	6,606	6,142
25	29	98 246	36 853,716	789 488,550	21,422	20,957	75	79	48 674	2 569,193	16 018,696	6,235	5,770
26	30	98 164	35 406,635	752 634,834	21,257	20,792	76	80	45 151	2 291,562	13 449,502	5,869	5,404
27	31	98 079	34 015,430	717 228,199	21,085	20,621	77	81	41 464	2 023,526	11 157,941	5,514	5,049
28	32	97 987	32 676,570	683 212,769	20,908	20,444	78	82	37 645	1 766,477	9 134,415	5,171	4,706
29	33	97 894	31 389,768	650 536,199	20,724	20,260	79	83	33 690	1 520,101	7 367,938	4,847	4,382
30	34	97 794	30 151,593	619 146,431	20,534	20,070	80	84	29 719	1 289,346	5 847,836	4,536	4,071
31	35	97 690	28 961,057	588 994,838	20,337	19,873	81	85	25 776	1 075,285	4 558,490	4,239	3,775
32	36	97 581	27 816,226	560 033,781	20,133	19,669	82	86	21 921	879,274	3 483,206	3,961	3,497
33	37	97 463	26 714,009	532 217,556	19,923	19,458	83	87	18 260	704,280	2 603,932	3,697	3,232
34	38	97 337	25 653,242	505 503,547	19,705	19,240	84	88	14 852	550,776	1 899,652	3,449	2,984
35	39	97 205	24 633,292	479 850,305	19,480	19,015	85	89	11 756	419,188	1 348,876	3,218	2,753
36	40	97 059	23 650,306	455 217,013	19,248	18,783	86	90	8 996	308,434	929,688	3,014	2,549
37	41	96 905	22 704,601	431 566,708	19,008	18,543	87	91	6 684	220,355	621,254	2,819	2,355
38	42	96 736	21 793,151	408 862,106	18,761	18,296	88	92	4 753	150,667	400,899	2,661	2,196
39	43	96 543	20 913,289	387 068,955	18,508	18,043	89	93	3 282	100,039	250,231	2,501	2,037
40	44	96 334	20 065,280	366 155,667	18,248	17,783	90	94	2 167	63,500	150,193	2,365	1,900
41	45	96 102	19 247,145	346 090,387	17,981	17,517	91	95	1 382	38,947	86,692	2,226	1,761
42	46	95 849	18 458,068	326 843,241	17,707	17,243	92	96	835	22,623	47,745	2,110	1,646
43	47	95 567	17 696,027	308 385,174	17,427	16,962	93	97	481	12,534	25,122	2,004	1,539
44	48	95 241	16 957,296	290 689,147	17,142	16,678	94	98	263	6,597	12,588	1,908	1,443
45	49	94 883	16 243,878	273 731,850	16,851	16,387	95	99	137	3,290	5,991	1,821	1,356
46	50	94 478	15 552,450	257 487,973	16,556	16,091	96	100	67	1,550	2,701	1,742	1,277
47	51	94 037	14 884,426	241 935,523	16,254	15,789							
48	52	93 536	14 235,717	227 051,097	15,949	15,485							
49	53	92 980	13 606,829	212 815,380	15,640	15,176							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	5	99 621	99 620,567	2 394 608,359	24,037	23,572	50	55	92 074	12 955,927	196 555,835	15,171	14,706
1	6	99 225	95 408,868	2 294 987,792	24,054	23,589	51	56	91 380	12 363,820	183 599,908	14,850	14,385
2	7	99 184	91 701,291	2 199 578,923	23,986	23,522	52	57	90 605	11 787,411	171 236,088	14,527	14,062
3	8	99 157	88 150,109	2 107 877,632	23,912	23,448	53	58	89 791	11 232,240	159 448,677	14,196	13,731
4	9	99 136	84 741,693	2 019 727,523	23,834	23,369	54	59	88 901	10 693,226	148 216,437	13,861	13,396
5	10	99 116	81 465,956	1 934 985,830	23,752	23,287	55	60	87 934	10 170,022	137 523,211	13,522	13,058
6	11	99 098	78 318,629	1 853 519,874	23,666	23,202	56	61	86 868	9 660,357	127 353,189	13,183	12,718
7	12	99 080	75 292,396	1 775 201,245	23,577	23,113	57	62	85 739	9 168,106	117 692,832	12,837	12,372
8	13	99 064	72 384,742	1 699 908,850	23,484	23,020	58	63	84 513	8 689,407	108 524,726	12,489	12,024
9	14	99 046	69 588,682	1 627 524,108	23,388	22,923	59	64	83 205	8 225,920	99 835,319	12,137	11,672
10	15	99 028	66 899,687	1 557 935,426	23,288	22,823	60	65	81 806	7 776,482	91 609,399	11,780	11,315
11	16	99 007	64 312,783	1 491 035,739	23,184	22,719	61	66	80 323	7 341,892	83 832,917	11,418	10,954
12	17	98 983	61 824,393	1 426 722,956	23,077	22,612	62	67	78 747	6 920,976	76 491,025	11,052	10,587
13	18	98 956	59 430,378	1 364 898,563	22,966	22,502	63	68	77 092	6 514,959	69 570,049	10,679	10,214
14	19	98 922	57 125,206	1 305 468,186	22,853	22,388	64	69	75 379	6 125,118	63 055,090	10,295	9,830
15	20	98 887	54 908,495	1 248 342,980	22,735	22,270	65	70	73 527	5 744,844	56 929,972	9,910	9,445
16	21	98 848	52 775,512	1 193 434,485	22,613	22,149	66	71	71 579	5 377,567	51 185,128	9,518	9,053
17	22	98 801	50 721,889	1 140 658,973	22,488	22,024	67	72	69 489	5 019,724	45 807,561	9,126	8,661
18	23	98 746	48 743,587	1 089 937,084	22,361	21,896	68	73	67 258	4 671,727	40 787,836	8,731	8,266
19	24	98 675	46 835,559	1 041 193,497	22,231	21,766	69	74	64 897	4 334,383	36 116,109	8,332	7,868
20	25	98 607	45 003,085	994 357,938	22,095	21,631	70	75	62 356	4 004,467	31 781,726	7,937	7,472
21	26	98 533	43 239,408	949 354,853	21,956	21,491	71	76	59 629	3 682,040	27 777,259	7,544	7,079
22	27	98 456	41 544,051	906 115,444	21,811	21,346	72	77	56 718	3 367,614	24 095,219	7,155	6,690
23	28	98 377	39 914,251	864 571,393	21,661	21,196	73	78	53 651	3 062,972	20 727,605	6,767	6,302
24	29	98 301	38 349,323	824 657,142	21,504	21,039	74	79	50 380	2 765,626	17 664,633	6,387	5,922
25	30	98 218	36 843,142	786 307,818	21,342	20,877	75	80	46 907	2 475,917	14 899,007	6,018	5,553
26	31	98 136	35 396,614	749 464,676	21,173	20,709	76	81	43 265	2 195,853	12 423,090	5,658	5,193
27	32	98 049	34 005,157	714 068,062	20,999	20,534	77	82	39 491	1 927,226	10 227,237	5,307	4,842
28	33	97 953	32 664,987	680 062,906	20,819	20,355	78	83	35 569	1 669,066	8 300,011	4,973	4,508
29	34	97 858	31 378,290	647 397,918	20,632	20,167	79	84	31 578	1 424,774	6 630,945	4,654	4,189
30	35	97 752	30 138,785	616 019,628	20,439	19,975	80	85	27 570	1 196,106	5 206,172	4,353	3,888
31	36	97 651	28 949,538	585 880,843	20,238	19,773	81	86	23 643	986,300	4 010,066	4,066	3,601
32	37	97 535	27 803,007	556 931,306	20,031	19,567	82	87	19 855	796,426	3 023,766	3,797	3,332
33	38	97 411	26 699,752	529 128,298	19,818	19,353	83	88	16 283	628,012	2 227,340	3,547	3,082
34	39	97 282	25 638,960	502 428,547	19,596	19,131	84	89	13 036	483,423	1 599,328	3,308	2,844
35	40	97 141	24 616,996	476 789,586	19,368	18,903	85	90	10 092	359,866	1 115,904	3,101	2,636
36	41	96 991	23 633,603	452 172,591	19,133	18,668	86	91	7 603	260,690	756,039	2,900	2,435
37	42	96 828	22 686,404	428 538,987	18,890	18,425	87	92	5 496	181,201	495,349	2,734	2,269
38	43	96 650	21 773,753	405 852,584	18,640	18,175	88	93	3 853	122,157	314,148	2,572	2,107
39	44	96 445	20 891,875	384 078,830	18,384	17,919	89	94	2 602	79,305	191,990	2,421	1,956
40	45	96 226	20 042,743	363 186,956	18,121	17,656	90	95	1 677	49,157	112,685	2,292	1,828
41	46	95 980	19 222,716	343 144,213	17,851	17,386	91	96	1 043	29,403	63,528	2,161	1,696
42	47	95 714	18 432,058	323 921,496	17,574	17,109	92	97	614	16,634	34,125	2,051	1,587
43	48	95 411	17 667,092	305 489,438	17,291	16,827	93	98	344	8,965	17,491	1,951	1,486
44	49	95 072	16 927,308	287 822,346	17,003	16,539	94	99	183	4,584	8,526	1,860	1,395
45	50	94 688	16 210,453	270 895,037	16,711	16,246	95	100	92	2,218	3,942	1,777	1,313
46	51	94 270	15 518,188	254 684,584	16,412	15,947							
47	52	93 807	14 848,007	239 166,396	16,108	15,643							
48	53	93 279	14 196,634	224 318,389	15,801	15,336							
49	54	92 701	13 565,919	210 121,755	15,489	15,024							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	6	99 610	99 610,498	2 390 963,857	24,003	23,538	50	56	91 747	12 910,022	193 725,560	15,006	14,541
1	7	99 217	95 400,559	2 291 353,359	24,018	23,553	51	57	91 036	12 317,181	180 815,538	14,680	14,215
2	8	99 176	91 693,421	2 195 952,800	23,949	23,484	52	58	90 243	11 740,302	168 498,357	14,352	13,887
3	9	99 150	88 143,618	2 104 259,379	23,873	23,408	53	59	89 395	11 182,680	156 758,055	14,018	13,553
4	10	99 129	84 735,847	2 016 115,761	23,793	23,328	54	60	88 482	10 642,732	145 575,374	13,678	13,214
5	11	99 109	81 460,175	1 931 379,914	23,709	23,245	55	61	87 460	10 115,212	134 932,642	13,340	12,875
6	12	99 090	78 312,366	1 849 919,740	23,622	23,157	56	62	86 369	9 604,842	124 817,430	12,995	12,530
7	13	99 072	75 286,335	1 771 607,374	23,532	23,067	57	63	85 198	9 110,277	115 212,588	12,646	12,182
8	14	99 055	72 378,258	1 696 321,039	23,437	22,972	58	64	83 944	8 630,859	106 102,311	12,293	11,829
9	15	99 036	69 581,139	1 623 942,782	23,339	22,874	59	65	82 594	8 165,464	97 471,453	11,937	11,472
10	16	99 015	66 891,272	1 554 361,642	23,237	22,772	60	66	81 167	7 715,749	89 305,988	11,575	11,110
11	17	98 991	64 302,887	1 487 470,370	23,132	22,667	61	67	79 636	7 279,087	81 590,240	11,209	10,744
12	18	98 967	61 814,472	1 423 167,484	23,023	22,558	62	68	78 028	6 857,772	74 311,152	10,836	10,371
13	19	98 933	59 416,803	1 361 353,012	22,912	22,447	63	69	76 344	6 451,694	67 453,380	10,455	9,990
14	20	98 902	57 113,407	1 301 936,209	22,796	22,331	64	70	74 578	6 060,060	61 001,686	10,066	9,601
15	21	98 865	54 896,306	1 244 822,802	22,676	22,211	65	71	72 673	5 678,177	54 941,626	9,676	9,211
16	22	98 827	52 764,467	1 189 926,496	22,552	22,087	66	72	70 657	5 308,319	49 263,449	9,280	8,816
17	23	98 779	50 710,510	1 137 162,029	22,425	21,960	67	73	68 483	4 947,050	43 955,130	8,885	8,420
18	24	98 723	48 732,445	1 086 451,519	22,294	21,829	68	74	66 164	4 595,760	39 008,080	8,488	8,023
19	25	98 656	46 826,092	1 037 719,074	22,161	21,696	69	75	63 690	4 253,730	34 412,320	8,090	7,625
20	26	98 586	44 993,186	990 892,982	22,023	21,558	70	76	61 018	3 918,540	30 158,590	7,696	7,232
21	27	98 509	43 229,175	945 899,796	21,881	21,416	71	77	58 168	3 591,856	26 240,050	7,305	6,841
22	28	98 430	41 532,891	902 670,621	21,734	21,269	72	78	55 146	3 274,251	22 648,194	6,917	6,452
23	29	98 352	39 904,158	861 137,731	21,580	21,115	73	79	51 930	2 964,748	19 373,942	6,535	6,070
24	30	98 273	38 338,320	821 233,573	21,421	20,956	74	80	48 551	2 665,218	16 409,194	6,157	5,692
25	31	98 190	36 832,714	782 895,253	21,255	20,791	75	81	44 948	2 372,508	13 743,977	5,793	5,328
26	32	98 106	35 385,923	746 062,538	21,084	20,619	76	82	41 206	2 091,352	11 371,468	5,437	4,973
27	33	98 015	33 993,103	710 676,615	20,906	20,442	77	83	37 313	1 820,950	9 280,116	5,096	4,631
28	34	97 917	32 653,044	676 683,512	20,723	20,259	78	84	33 339	1 564,396	7 459,166	4,768	4,303
29	35	97 816	31 364,962	644 030,468	20,533	20,069	79	85	29 294	1 321,740	5 894,770	4,460	3,995
30	36	97 713	30 126,797	612 665,507	20,336	19,871	80	86	25 288	1 097,123	4 573,030	4,168	3,703
31	37	97 604	28 935,780	582 538,710	20,132	19,667	81	87	21 416	893,368	3 475,908	3,891	3,426
32	38	97 483	27 788,169	553 602,929	19,922	19,457	82	88	17 705	710,180	2 582,540	3,636	3,172
33	39	97 357	26 684,888	525 814,760	19,705	19,240	83	89	14 292	551,214	1 872,360	3,397	2,932
34	40	97 218	25 621,999	499 129,872	19,481	19,016	84	90	11 191	415,011	1 321,145	3,183	2,719
35	41	97 072	24 599,611	473 507,874	19,249	18,784	85	91	8 530	304,160	906,135	2,979	2,514
36	42	96 913	23 614,661	448 908,263	19,010	18,545	86	92	6 252	214,369	601,975	2,808	2,343
37	43	96 741	22 666,211	425 293,602	18,763	18,299	87	93	4 456	146,913	387,606	2,638	2,174
38	44	96 551	21 751,458	402 627,391	18,510	18,046	88	94	3 055	96,840	240,692	2,485	2,021
39	45	96 336	20 868,410	380 875,933	18,251	17,786	89	95	2 014	61,392	143,853	2,343	1,878
40	46	96 103	20 017,304	360 007,523	17,985	17,520	90	96	1 266	37,111	82,461	2,222	1,757
41	47	95 845	19 195,629	339 990,219	17,712	17,247	91	97	767	21,620	45,350	2,098	1,633
42	48	95 557	18 401,920	320 794,589	17,433	16,968	92	98	439	11,897	23,730	1,995	1,530
43	49	95 242	17 635,849	302 392,670	17,146	16,682	93	99	239	6,229	11,833	1,900	1,435
44	50	94 877	16 892,478	284 756,821	16,857	16,392	94	100	123	3,090	5,604	1,814	1,349
45	51	94 480	16 174,742	267 864,343	16,561	16,096							
46	52	94 040	15 480,218	251 689,601	16,259	15,794							
47	53	93 549	14 807,244	236 209,383	15,952	15,487							
48	54	92 999	14 153,952	221 402,139	15,642	15,178							
49	55	92 405	13 522,628	207 248,188	15,326	14,861							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	7	99 602	99 601,823	2 387 066,946	23,966	23,501	50	57	91 401	12 861,323	190 713,929	14,828	14,364
1	8	99 208	95 392,371	2 287 465,123	23,980	23,515	51	58	90 672	12 267,954	177 852,606	14,497	14,033
2	9	99 168	91 686,668	2 192 072,752	23,908	23,443	52	59	89 845	11 688,500	165 584,652	14,166	13,702
3	10	99 143	88 137,537	2 100 386,084	23,831	23,366	53	60	88 973	11 129,875	153 896,151	13,827	13,362
4	11	99 122	84 729,833	2 012 248,547	23,749	23,284	54	61	88 005	10 585,375	142 766,276	13,487	13,022
5	12	99 101	81 453,660	1 927 518,714	23,664	23,199	55	62	86 957	10 057,083	132 180,901	13,143	12,678
6	13	99 082	78 306,062	1 846 065,053	23,575	23,110	56	63	85 824	9 544,258	122 123,818	12,796	12,331
7	14	99 063	75 279,591	1 767 758,992	23,483	23,018	57	64	84 624	9 048,893	112 579,560	12,441	11,976
8	15	99 044	72 370,413	1 692 479,401	23,386	22,922	58	65	83 327	8 567,427	103 530,667	12,084	11,619
9	16	99 023	69 572,387	1 620 108,988	23,287	22,822	59	66	81 949	8 101,693	94 963,240	11,721	11,257
10	17	99 000	66 880,979	1 550 536,601	23,184	22,719	60	67	80 472	7 649,746	86 861,547	11,355	10,890
11	18	98 975	64 292,568	1 483 655,622	23,077	22,612	61	68	78 909	7 212,613	79 211,801	10,982	10,518
12	19	98 944	61 800,352	1 419 363,054	22,967	22,502	62	69	77 270	6 791,179	71 999,188	10,602	10,137
13	20	98 913	59 404,531	1 357 562,702	22,853	22,388	63	70	75 533	6 383,168	65 208,010	10,216	9,751
14	21	98 880	57 100,729	1 298 158,170	22,735	22,270	64	71	73 713	5 989,735	58 824,842	9,821	9,356
15	22	98 844	54 884,817	1 241 057,442	22,612	22,147	65	72	71 738	5 605,058	52 835,107	9,426	8,962
16	23	98 805	52 752,630	1 186 172,625	22,486	22,021	66	73	69 634	5 231,467	47 230,049	9,028	8,563
17	24	98 756	50 698,919	1 133 419,995	22,356	21,891	67	74	67 369	4 866,605	41 998,583	8,630	8,165
18	25	98 703	48 722,594	1 082 721,076	22,222	21,757	68	75	64 933	4 510,244	37 131,977	8,233	7,768
19	26	98 634	46 815,791	1 033 998,482	22,087	21,622	69	76	62 323	4 162,454	32 621,734	7,837	7,372
20	27	98 562	44 982,537	987 182,691	21,946	21,481	70	77	59 524	3 822,564	28 459,280	7,445	6,980
21	28	98 483	43 217,561	942 200,154	21,801	21,337	71	78	56 556	3 492,277	24 636,716	7,055	6,590
22	29	98 405	41 522,388	898 982,592	21,651	21,186	72	79	53 377	3 169,252	21 144,439	6,672	6,207
23	30	98 324	39 892,709	857 460,204	21,494	21,029	73	80	50 045	2 857,110	17 975,187	6,291	5,827
24	31	98 245	38 327,469	817 567,495	21,331	20,866	74	81	46 523	2 553,903	15 118,077	5,920	5,455
25	32	98 160	36 821,590	779 240,026	21,163	20,698	75	82	42 809	2 259,600	12 564,174	5,560	5,096
26	33	98 072	35 373,380	742 418,436	20,988	20,523	76	83	38 934	1 976,026	10 304,574	5,215	4,750
27	34	97 979	33 980,674	707 045,056	20,807	20,342	77	84	34 973	1 706,755	8 328,548	4,880	4,415
28	35	97 875	32 639,173	673 064,382	20,621	20,157	78	85	30 928	1 451,266	6 621,793	4,563	4,098
29	36	97 777	31 352,486	640 425,209	20,427	19,962	79	86	26 870	1 212,360	5 170,527	4,265	3,800
30	37	97 667	30 112,480	609 072,723	20,227	19,762	80	87	22 906	993,749	3 958,167	3,983	3,518
31	38	97 552	28 920,338	578 960,242	20,019	19,554	81	88	19 096	796,624	2 964,419	3,721	3,256
32	39	97 428	27 772,699	550 039,905	19,805	19,340	82	89	15 540	623,334	2 167,795	3,478	3,013
33	40	97 292	26 667,234	522 267,206	19,585	19,120	83	90	12 269	473,208	1 544,461	3,264	2,799
34	41	97 149	25 603,904	495 599,971	19,356	18,892	84	91	9 458	350,769	1 071,253	3,054	2,589
35	42	96 994	24 579,894	469 996,068	19,121	18,656	85	92	7 014	250,115	720,484	2,881	2,416
36	43	96 827	23 593,642	445 416,173	18,879	18,414	86	93	5 069	173,805	470,369	2,706	2,241
37	44	96 642	22 643,002	421 822,532	18,629	18,164	87	94	3 533	116,465	296,564	2,546	2,082
38	45	96 442	21 727,028	399 179,529	18,372	17,908	88	95	2 365	74,965	180,099	2,402	1,938
39	46	96 214	20 841,923	377 452,501	18,110	17,645	89	96	1 521	46,347	105,134	2,268	1,804
40	47	95 968	19 989,098	356 610,578	17,840	17,375	90	97	931	27,287	58,786	2,154	1,690
41	48	95 688	19 164,242	336 621,481	17,565	17,100	91	98	549	15,463	31,499	2,037	1,572
42	49	95 388	18 369,377	317 457,238	17,282	16,817	92	99	305	8,266	16,036	1,940	1,475
43	50	95 046	17 599,561	299 087,861	16,994	16,529	93	100	161	4,199	7,769	1,850	1,386
44	51	94 668	16 855,264	281 488,300	16,700	16,235							
45	52	94 248	16 135,166	264 633,037	16,401	15,936							
46	53	93 781	15 437,719	248 497,871	16,097	15,632							
47	54	93 268	14 762,725	233 060,152	15,787	15,322							
48	55	92 702	14 108,783	218 297,427	15,472	15,008							
49	56	92 077	13 474,715	204 188,644	15,153	14,689							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	8	99 593	99 593,274	2 382 905,258	23,926	23,462	50	58	91 036	12 809,922	187 515,881	14,638	14,174
1	9	99 201	95 385,346	2 283 311,984	23,938	23,473	51	59	90 272	12 213,824	174 705,959	14,304	13,839
2	10	99 161	91 680,343	2 187 926,638	23,865	23,400	52	60	89 420	11 633,307	162 492,134	13,968	13,503
3	11	99 136	88 131,282	2 096 246,295	23,785	23,321	53	61	88 493	11 069,893	150 858,827	13,628	13,163
4	12	99 114	84 723,058	2 008 115,013	23,702	23,237	54	62	87 499	10 524,544	139 788,935	13,282	12,817
5	13	99 093	81 447,103	1 923 391,955	23,615	23,150	55	63	86 409	9 993,646	129 264,391	12,935	12,470
6	14	99 073	78 299,047	1 841 944,852	23,524	23,060	56	64	85 246	9 479,950	119 270,745	12,581	12,117
7	15	99 052	75 271,431	1 763 645,805	23,430	22,966	57	65	84 002	8 982,389	109 790,795	12,223	11,758
8	16	99 031	72 361,310	1 688 374,373	23,333	22,868	58	66	82 676	8 500,517	100 808,406	11,859	11,394
9	17	99 008	69 561,681	1 616 013,064	23,231	22,767	59	67	81 248	8 032,389	92 307,889	11,492	11,027
10	18	98 984	66 870,247	1 546 451,382	23,126	22,661	60	68	79 738	7 579,886	84 275,500	11,118	10,653
11	19	98 953	64 277,883	1 479 581,135	23,019	22,554	61	69	78 143	7 142,574	76 695,613	10,738	10,273
12	20	98 924	61 787,588	1 415 303,253	22,906	22,441	62	70	76 450	6 719,046	69 553,040	10,352	9,887
13	21	98 891	59 391,344	1 353 515,664	22,790	22,325	63	71	74 656	6 309,093	62 833,994	9,959	9,494
14	22	98 859	57 088,778	1 294 124,321	22,669	22,204	64	72	72 763	5 912,604	56 524,901	9,560	9,095
15	23	98 822	54 872,504	1 237 035,543	22,544	22,079	65	73	70 699	5 523,909	50 612,297	9,162	8,698
16	24	98 782	52 740,572	1 182 163,038	22,415	21,950	66	74	68 502	5 146,397	45 088,388	8,761	8,296
17	25	98 736	50 688,671	1 129 422,466	22,282	21,817	67	75	66 115	4 776,050	39 941,991	8,363	7,898
18	26	98 681	48 711,876	1 078 733,796	22,145	21,680	68	76	63 540	4 413,463	35 165,942	7,968	7,503
19	27	98 610	46 804,711	1 030 021,919	22,007	21,542	69	77	60 797	4 060,504	30 752,478	7,574	7,109
20	28	98 536	44 970,453	983 217,208	21,864	21,399	70	78	57 873	3 716,588	26 691,974	7,182	6,717
21	29	98 458	43 206,633	938 246,755	21,715	21,251	71	79	54 742	3 380,286	22 975,386	6,797	6,332
22	30	98 376	41 510,475	895 040,122	21,562	21,097	72	80	51 439	3 054,189	19 595,101	6,416	5,951
23	31	98 296	39 881,418	853 529,648	21,402	20,937	73	81	47 955	2 737,781	16 540,912	6,042	5,577
24	32	98 215	38 315,893	813 648,230	21,235	20,770	74	82	44 309	2 432,362	13 803,130	5,675	5,210
25	33	98 126	36 808,538	775 332,336	21,064	20,599	75	83	40 448	2 134,996	11 370,768	5,326	4,861
26	34	98 036	35 360,446	738 523,799	20,886	20,421	76	84	36 492	1 852,106	9 235,772	4,987	4,522
27	35	97 937	33 966,240	703 163,353	20,702	20,237	77	85	32 444	1 583,330	7 383,666	4,663	4,199
28	36	97 836	32 626,191	669 197,113	20,511	20,046	78	86	28 368	1 331,167	5 800,336	4,357	3,893
29	37	97 731	31 337,587	636 570,922	20,313	19,849	79	87	24 338	1 098,128	4 469,170	4,070	3,605
30	38	97 615	30 096,410	605 233,335	20,110	19,645	80	88	20 425	886,134	3 371,041	3,804	3,339
31	39	97 498	28 904,237	575 136,925	19,898	19,433	81	89	16 761	699,207	2 484,907	3,554	3,089
32	40	97 364	27 754,326	546 232,688	19,681	19,216	82	90	13 341	535,122	1 785,700	3,337	2,872
33	41	97 224	26 648,401	518 478,362	19,456	18,991	83	91	10 370	399,958	1 250,579	3,127	2,662
34	42	97 071	25 583,382	491 829,960	19,225	18,760	84	92	7 778	288,442	850,621	2,949	2,484
35	43	96 908	24 558,016	466 246,578	18,986	18,521	85	93	5 687	202,787	562,179	2,772	2,307
36	44	96 728	23 569,483	441 688,562	18,740	18,275	86	94	4 018	137,783	359,392	2,608	2,144
37	45	96 534	22 617,571	418 119,079	18,486	18,022	87	95	2 735	90,158	221,609	2,458	1,993
38	46	96 320	21 699,451	395 501,508	18,226	17,762	88	96	1 785	56,595	131,452	2,323	1,858
39	47	96 078	20 812,554	373 802,057	17,960	17,496	89	97	1 118	34,079	74,857	2,197	1,732
40	48	95 811	19 956,413	352 989,503	17,688	17,223	90	98	666	19,517	40,778	2,089	1,625
41	49	95 519	19 130,352	333 033,089	17,409	16,944	91	99	381	10,744	21,261	1,979	1,514
42	50	95 192	18 331,579	313 902,738	17,124	16,659	92	100	206	5,572	10,517	1,887	1,423
43	51	94 837	17 560,789	295 571,158	16,831	16,366							
44	52	94 436	16 814,022	278 010,369	16,534	16,070							
45	53	93 990	16 090,869	261 196,347	16,233	15,768							
46	54	93 499	15 391,305	245 105,478	15,925	15,460							
47	55	92 971	14 715,614	229 714,173	15,610	15,145							
48	56	92 374	14 058,793	214 998,559	15,293	14,828							
49	57	91 730	13 423,885	200 939,766	14,969	14,504							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$
0	9	99 586	99 585,940	2 378 467,822	23,884	23,419	50	59	90 634	12 753,401	184 126,628	14,437	13,973
1	10	99 194	95 378,766	2 278 881,882	23,893	23,428	51	60	89 846	12 156,150	171 373,227	14,098	13,633
2	11	99 154	91 673,836	2 183 503,116	23,818	23,353	52	61	88 939	11 570,611	159 217,077	13,760	13,296
3	12	99 128	88 124,234	2 091 829,280	23,737	23,272	53	62	87 985	11 006,277	147 646,466	13,415	12,950
4	13	99 106	84 716,237	2 003 705,045	23,652	23,187	54	63	86 947	10 458,159	136 640,189	13,065	12,601
5	14	99 084	81 439,808	1 918 988,808	23,563	23,098	55	64	85 827	9 926,311	126 182,030	12,712	12,247
6	15	99 063	78 290,561	1 837 549,000	23,471	23,006	56	65	84 619	9 410,278	116 255,720	12,354	11,889
7	16	99 040	75 261,963	1 759 258,439	23,375	22,910	57	66	83 346	8 912,238	106 845,442	11,989	11,524
8	17	99 016	72 350,175	1 683 996,476	23,276	22,811	58	67	81 969	8 427,801	97 933,204	11,620	11,155
9	18	98 992	69 550,519	1 611 646,301	23,172	22,707	59	68	80 506	7 959,035	89 505,403	11,246	10,781
10	19	98 962	66 854,973	1 542 095,783	23,066	22,601	60	69	78 963	7 506,281	81 546,368	10,864	10,399
11	20	98 932	64 264,607	1 475 240,810	22,956	22,491	61	70	77 313	7 066,709	74 040,087	10,477	10,012
12	21	98 902	61 773,872	1 410 976,203	22,841	22,376	62	71	75 562	6 641,073	66 973,379	10,085	9,620
13	22	98 870	59 378,914	1 349 202,331	22,722	22,257	63	72	73 695	6 227,849	60 332,305	9,688	9,223
14	23	98 837	57 075,971	1 289 823,417	22,598	22,134	64	73	71 710	5 827,003	54 104,456	9,285	8,820
15	24	98 800	54 859,961	1 232 747,446	22,471	22,006	65	74	69 549	5 434,084	48 277,453	8,884	8,419
16	25	98 762	52 729,911	1 177 887,484	22,338	21,873	66	75	67 227	5 050,635	42 843,369	8,483	8,018
17	26	98 715	50 677,520	1 125 157,573	22,202	21,737	67	76	64 697	4 673,566	37 792,734	8,086	7,622
18	27	98 658	48 700,348	1 074 480,053	22,063	21,598	68	77	61 984	4 305,365	33 119,169	7,693	7,228
19	28	98 584	46 792,137	1 025 779,705	21,922	21,457	69	78	59 111	3 947,932	28 813,804	7,298	6,834
20	29	98 511	44 959,081	978 987,568	21,775	21,310	70	79	56 017	3 597,404	24 865,872	6,912	6,447
21	30	98 430	43 194,236	934 028,487	21,624	21,159	71	80	52 755	3 257,561	21 268,468	6,529	6,064
22	31	98 349	41 498,726	890 834,251	21,467	21,002	72	81	49 291	2 926,629	18 010,907	6,154	5,689
23	32	98 267	39 869,372	849 335,525	21,303	20,838	73	82	45 673	2 607,489	15 084,278	5,785	5,320
24	33	98 180	38 302,312	809 466,152	21,134	20,669	74	83	41 866	2 298,231	12 476,789	5,429	4,964
25	34	98 090	36 795,079	771 163,841	20,958	20,494	75	84	37 911	2 001,107	10 178,558	5,086	4,622
26	35	97 994	35 345,426	734 368,762	20,777	20,312	76	85	33 853	1 718,170	8 177,451	4,759	4,295
27	36	97 898	33 952,729	699 023,336	20,588	20,123	77	86	29 759	1 452,302	6 459,281	4,448	3,983
28	37	97 790	32 610,687	665 070,606	20,394	19,929	78	87	25 695	1 205,741	5 006,979	4,153	3,688
29	38	97 679	31 320,863	632 459,920	20,193	19,728	79	88	21 702	979,210	3 801,238	3,882	3,417
30	39	97 560	30 079,655	601 139,057	19,985	19,520	80	89	17 927	777,771	2 822,028	3,628	3,164
31	40	97 433	28 885,116	571 059,402	19,770	19,305	81	90	14 389	600,257	2 044,257	3,406	2,941
32	41	97 295	27 734,725	542 174,287	19,549	19,084	82	91	11 276	452,287	1 443,999	3,193	2,728
33	42	97 146	26 627,043	514 439,561	19,320	18,855	83	92	8 527	328,890	991,712	3,015	2,551
34	43	96 985	25 560,611	487 812,519	19,085	18,620	84	93	6 306	233,861	662,822	2,834	2,369
35	44	96 809	24 532,870	462 251,908	18,842	18,377	85	94	4 508	160,759	428,960	2,668	2,204
36	45	96 619	23 543,011	437 719,038	18,592	18,127	86	95	3 111	106,660	268,202	2,515	2,050
37	46	96 411	22 588,864	414 176,027	18,335	17,871	87	96	2 065	68,064	161,541	2,373	1,909
38	47	96 184	21 668,874	391 587,163	18,071	17,607	88	97	1 313	41,614	93,477	2,246	1,781
39	48	95 921	20 778,523	369 918,289	17,803	17,338	89	98	800	24,374	51,863	2,128	1,663
40	49	95 642	19 921,122	349 139,765	17,526	17,061	90	99	463	13,560	27,489	2,027	1,562
41	50	95 322	19 090,988	329 218,644	17,245	16,780	91	100	257	7,242	13,929	1,923	1,458
42	51	94 982	18 291,195	310 127,655	16,955	16,490							
43	52	94 605	17 517,821	291 836,460	16,659	16,195							
44	53	94 177	16 767,862	274 318,639	16,360	15,895							
45	54	93 707	16 042,491	257 550,777	16,054	15,589							
46	55	93 201	15 342,188	241 508,287	15,741	15,277							
47	56	92 641	14 663,474	226 166,099	15,424	14,959							
48	57	92 025	14 005,761	211 502,625	15,101	14,636							
49	58	91 363	13 370,236	197 496,864	14,771	14,307							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$
0	10	99 579	99 579,070	2 373 742,629	23,838	23,373	50	60	90 206	12 693,179	180 544,258	14,224	13,759
1	11	99 187	95 371,997	2 274 163,559	23,845	23,380	51	61	89 361	12 090,637	167 851,079	13,883	13,418
2	12	99 146	91 666,505	2 178 791,562	23,769	23,304	52	62	88 427	11 504,118	155 760,442	13,540	13,075
3	13	99 120	88 117,140	2 087 125,057	23,686	23,221	53	63	87 430	10 936,853	144 256,324	13,190	12,725
4	14	99 097	84 708,649	1 999 007,917	23,599	23,134	54	64	86 361	10 387,693	133 319,471	12,834	12,370
5	15	99 073	81 430,981	1 914 299,268	23,508	23,043	55	65	85 196	9 853,358	122 931,778	12,476	12,011
6	16	99 050	78 280,712	1 832 868,287	23,414	22,949	56	66	83 958	9 336,785	113 078,420	12,111	11,646
7	17	99 024	75 250,382	1 754 587,575	23,317	22,852	57	67	82 633	8 836,000	103 741,635	11,741	11,276
8	18	99 000	72 338,565	1 679 337,192	23,215	22,750	58	68	81 220	8 350,836	94 905,635	11,365	10,900
9	19	98 969	69 534,633	1 606 998,627	23,111	22,646	59	69	79 724	7 881,748	86 554,799	10,982	10,517
10	20	98 941	66 841,165	1 537 463,995	23,002	22,537	60	70	78 125	7 426,553	78 673,051	10,593	10,129
11	21	98 910	64 250,341	1 470 622,830	22,889	22,424	61	71	76 416	6 984,701	71 246,498	10,200	9,736
12	22	98 881	61 760,943	1 406 372,490	22,771	22,306	62	72	74 589	6 555,555	64 261,797	9,803	9,338
13	23	98 848	59 365,593	1 344 611,546	22,650	22,185	63	73	72 628	6 137,684	57 706,242	9,402	8,937
14	24	98 815	57 062,925	1 285 245,953	22,523	22,058	64	74	70 544	5 732,249	51 568,558	8,996	8,531
15	25	98 780	54 848,872	1 228 183,028	22,392	21,927	65	75	68 255	5 332,969	45 836,309	8,595	8,130
16	26	98 740	52 718,312	1 173 334,156	22,257	21,792	66	76	65 785	4 942,259	40 503,340	8,195	7,730
17	27	98 691	50 665,527	1 120 615,844	22,118	21,653	67	77	63 112	4 559,097	35 561,081	7,800	7,335
18	28	98 631	48 687,265	1 069 950,318	21,976	21,511	68	78	60 265	4 186,004	31 001,984	7,406	6,941
19	29	98 559	46 780,305	1 021 263,053	21,831	21,366	69	79	57 216	3 821,328	26 815,980	7,017	6,553
20	30	98 483	44 946,181	974 482,748	21,681	21,216	70	80	53 984	3 466,796	22 994,652	6,633	6,168
21	31	98 402	43 182,011	929 536,567	21,526	21,061	71	81	50 551	3 121,507	19 527,855	6,256	5,791
22	32	98 319	41 486,192	886 354,556	21,365	20,900	72	82	46 945	2 787,350	16 406,348	5,886	5,421
23	33	98 232	39 855,240	844 868,364	21,198	20,734	73	83	43 154	2 463,701	13 618,998	5,528	5,063
24	34	98 145	38 288,307	805 013,124	21,025	20,560	74	84	39 240	2 154,105	11 155,297	5,179	4,714
25	35	98 048	36 779,449	766 724,817	20,847	20,382	75	85	35 170	1 856,395	9 001,192	4,849	4,384
26	36	97 955	35 331,367	729 945,368	20,660	20,195	76	86	31 052	1 575,983	7 144,796	4,534	4,069
27	37	97 852	33 936,595	694 614,000	20,468	20,003	77	87	26 955	1 315,462	5 568,813	4,233	3,769
28	38	97 738	32 593,283	660 677,406	20,270	19,806	78	88	22 913	1 075,169	4 253,350	3,956	3,491
29	39	97 624	31 303,426	628 084,123	20,064	19,600	79	89	19 049	859,465	3 178,181	3,698	3,233
30	40	97 496	30 059,755	596 780,697	19,853	19,388	80	90	15 390	667,703	2 318,716	3,473	3,008
31	41	97 365	28 864,716	566 720,942	19,634	19,169	81	91	12 162	507,340	1 651,013	3,254	2,789
32	42	97 217	27 712,496	537 856,225	19,408	18,944	82	92	9 272	371,922	1 143,673	3,075	2,610
33	43	97 059	26 603,342	510 143,729	19,176	18,711	83	93	6 914	266,656	771,751	2,894	2,429
34	44	96 886	25 534,438	483 540,387	18,937	18,472	84	94	4 999	185,393	505,095	2,724	2,260
35	45	96 700	24 505,316	458 005,949	18,690	18,225	85	95	3 490	124,446	319,702	2,569	2,104
36	46	96 496	23 513,130	433 500,633	18,437	17,972	86	96	2 348	80,523	195,256	2,425	1,960
37	47	96 275	22 557,033	409 987,503	18,176	17,711	87	97	1 518	50,047	114,733	2,292	1,828
38	48	96 027	21 633,443	387 430,470	17,909	17,444	88	98	939	29,763	64,686	2,173	1,709
39	49	95 752	20 741,778	365 797,027	17,636	17,171	89	99	556	16,935	34,922	2,062	1,597
40	50	95 445	19 880,131	345 055,248	17,357	16,892	90	100	312	9,141	17,987	1,968	1,503
41	51	95 112	19 048,931	325 175,117	17,071	16,606							
42	52	94 750	18 246,440	306 126,187	16,777	16,312							
43	53	94 345	17 469,728	287 879,746	16,479	16,014							
44	54	93 894	16 717,448	270 410,018	16,175	15,710							
45	55	93 408	15 991,296	253 692,570	15,864	15,400							
46	56	92 871	15 287,828	237 701,274	15,548	15,084							
47	57	92 292	14 608,160	222 413,446	15,225	14,760							
48	58	91 657	13 949,786	207 805,286	14,897	14,432							
49	59	90 960	13 311,242	193 855,500	14,563	14,098							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	11	99 572	99 572,003	2 368 718,468	23,789	23,324	50	61	89 720	12 624,771	176 765,808	14,002	13,537
1	12	99 179	95 364,370	2 269 146,465	23,794	23,330	51	62	88 848	12 021,155	164 141,037	13,654	13,190
2	13	99 139	91 659,126	2 173 782,095	23,716	23,251	52	63	87 870	11 431,554	152 119,882	13,307	12,842
3	14	99 111	88 109,247	2 082 122,969	23,631	23,166	53	64	86 841	10 863,162	140 688,328	12,951	12,486
4	15	99 086	84 699,468	1 994 013,722	23,542	23,077	54	65	85 727	10 311,350	129 825,165	12,591	12,126
5	16	99 061	81 420,737	1 909 314,254	23,450	22,985	55	66	84 530	9 776,405	119 513,816	12,225	11,760
6	17	99 035	78 268,667	1 827 893,517	23,354	22,889	56	67	83 240	9 256,916	109 737,411	11,855	11,390
7	18	99 008	75 238,307	1 749 624,850	23,254	22,790	57	68	81 879	8 755,307	100 480,496	11,477	11,012
8	19	98 978	72 322,042	1 674 386,543	23,152	22,687	58	69	80 431	8 269,744	91 725,189	11,092	10,627
9	20	98 949	69 520,271	1 602 064,501	23,045	22,580	59	70	78 877	7 798,032	83 455,445	10,702	10,237
10	21	98 919	66 826,327	1 532 544,230	22,933	22,468	60	71	77 218	7 340,370	75 657,413	10,307	9,842
11	22	98 890	64 236,894	1 465 717,904	22,817	22,353	61	72	75 431	6 894,758	68 317,043	9,909	9,444
12	23	98 859	61 747,089	1 401 481,010	22,697	22,232	62	73	73 509	6 460,645	61 422,285	9,507	9,042
13	24	98 825	59 352,024	1 339 733,921	22,573	22,108	63	74	71 447	6 037,878	54 961,640	9,103	8,638
14	25	98 795	57 051,390	1 280 381,898	22,443	21,978	64	75	69 231	5 625,586	48 923,762	8,697	8,232
15	26	98 758	54 836,807	1 223 330,508	22,309	21,844	65	76	66 791	5 218,534	43 298,176	8,297	7,832
16	27	98 717	52 705,835	1 168 493,701	22,170	21,705	66	77	64 174	4 821,209	38 079,641	7,898	7,434
17	28	98 665	50 651,915	1 115 787,866	22,029	21,564	67	78	61 362	4 432,702	33 258,433	7,503	7,038
18	29	98 607	48 674,953	1 065 135,951	21,883	21,418	68	79	58 333	4 051,767	28 825,731	7,114	6,650
19	30	98 531	46 766,883	1 016 460,998	21,735	21,270	69	80	55 138	3 682,592	24 773,964	6,727	6,262
20	31	98 455	44 933,460	969 694,115	21,581	21,116	70	81	51 729	3 322,004	21 091,373	6,349	5,884
21	32	98 372	43 168,969	924 760,655	21,422	20,957	71	82	48 145	2 972,954	17 769,369	5,977	5,512
22	33	98 284	41 471,486	881 591,686	21,258	20,793	72	83	44 357	2 633,643	14 796,415	5,618	5,153
23	34	98 196	39 840,667	840 120,200	21,087	20,622	73	84	40 448	2 309,198	12 162,772	5,267	4,802
24	35	98 103	38 272,043	800 279,532	20,910	20,445	74	85	36 403	1 998,330	9 853,573	4,931	4,466
25	36	98 009	36 764,820	762 007,489	20,727	20,262	75	86	32 259	1 702,770	7 855,244	4,613	4,148
26	37	97 909	35 314,577	725 242,669	20,537	20,072	76	87	28 126	1 427,490	6 152,474	4,310	3,845
27	38	97 799	33 918,483	689 928,092	20,341	19,876	77	88	24 036	1 173,009	4 724,984	4,028	3,563
28	39	97 683	32 575,138	656 009,609	20,138	19,674	78	89	20 111	943,690	3 551,975	3,764	3,299
29	40	97 560	31 282,717	623 434,471	19,929	19,464	79	90	16 353	737,836	2 608,285	3,535	3,070
30	41	97 427	30 038,526	592 151,754	19,713	19,248	80	91	13 008	564,346	1 870,449	3,314	2,850
31	42	97 287	28 841,581	562 113,227	19,490	19,025	81	92	10 001	417,193	1 306,103	3,131	2,666
32	43	97 131	27 687,829	533 271,646	19,260	18,795	82	93	7 518	301,545	888,910	2,948	2,483
33	44	96 960	26 576,102	505 583,817	19,024	18,559	83	94	5 481	211,391	587,366	2,779	2,314
34	45	96 777	25 505,759	479 007,714	18,780	18,316	84	95	3 870	143,516	375,975	2,620	2,155
35	46	96 577	24 474,213	453 501,955	18,530	18,065	85	96	2 635	93,950	232,459	2,474	2,009
36	47	96 360	23 479,997	429 027,742	18,272	17,807	86	97	1 727	59,208	138,509	2,339	1,875
37	48	96 118	22 520,150	405 547,745	18,008	17,543	87	98	1 086	35,795	79,301	2,215	1,751
38	49	95 857	21 595,186	383 027,595	17,737	17,272	88	99	652	20,680	43,506	2,104	1,639
39	50	95 555	20 699,099	361 432,409	17,461	16,996	89	100	375	11,416	22,826	1,999	1,535
40	51	95 235	19 836,335	340 733,310	17,177	16,712							
41	52	94 880	19 002,322	320 896,975	16,887	16,422							
42	53	94 490	18 196,347	301 894,653	16,591	16,126							
43	54	94 062	17 417,205	283 698,306	16,288	15,824							
44	55	93 594	16 664,099	266 281,102	15,979	15,515							
45	56	93 077	15 934,636	249 617,002	15,665	15,200							
46	57	92 521	15 230,159	233 682,366	15,343	14,879							
47	58	91 923	14 549,778	218 452,207	15,014	14,549							
48	59	91 253	13 888,235	203 902,429	14,682	14,217							
49	60	90 531	13 248,386	190 014,194	14,342	13,878							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$(12) ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$(12) ä_{xy}$
0	12	99 564	99 564,040	2 363 384,817	23,737	23,273	50	62	89 205	12 552,220	172 793,341	13,766	13,301
1	13	99 171	95 356,693	2 263 820,777	23,741	23,276	51	63	88 287	11 945,330	160 241,121	13,415	12,950
2	14	99 130	91 650,916	2 168 464,083	23,660	23,195	52	64	87 278	11 354,530	148 295,791	13,060	12,596
3	15	99 100	88 099,697	2 076 813,167	23,573	23,109	53	65	86 202	10 783,325	136 941,261	12,699	12,235
4	16	99 074	84 688,813	1 988 713,470	23,483	23,018	54	66	85 057	10 230,819	126 157,936	12,331	11,866
5	17	99 046	81 408,209	1 904 024,657	23,389	22,924	55	67	83 807	9 692,775	115 927,117	11,960	11,495
6	18	99 019	78 256,107	1 822 616,448	23,290	22,826	56	68	82 480	9 172,379	106 234,342	11,582	11,117
7	19	98 986	75 221,121	1 744 360,341	23,190	22,725	57	69	81 084	8 670,287	97 061,964	11,195	10,730
8	20	98 957	72 307,105	1 669 139,219	23,084	22,619	58	70	79 577	8 181,907	88 391,676	10,803	10,338
9	21	98 927	69 504,838	1 596 832,115	22,974	22,510	59	71	77 962	7 707,538	80 209,769	10,407	9,942
10	22	98 899	66 812,340	1 527 327,277	22,860	22,395	60	72	76 224	7 245,846	72 502,232	10,006	9,541
11	23	98 868	64 222,483	1 460 514,936	22,741	22,277	61	73	74 339	6 794,938	65 256,386	9,604	9,139
12	24	98 836	61 732,974	1 396 292,453	22,618	22,153	62	74	72 314	6 355,588	58 461,448	9,198	8,734
13	25	98 806	59 340,026	1 334 559,478	22,490	22,025	63	75	70 118	5 925,528	52 105,860	8,793	8,329
14	26	98 773	57 038,840	1 275 219,452	22,357	21,892	64	76	67 746	5 504,872	46 180,332	8,389	7,924
15	27	98 735	54 823,829	1 218 180,612	22,220	21,755	65	77	65 155	5 090,718	40 675,460	7,990	7,525
16	28	98 691	52 691,676	1 163 356,783	22,079	21,614	66	78	62 394	4 687,547	35 584,742	7,591	7,127
17	29	98 640	50 639,107	1 110 665,108	21,933	21,468	67	79	59 395	4 290,553	30 897,195	7,201	6,736
18	30	98 578	48 660,987	1 060 026,001	21,784	21,319	68	80	56 215	3 904,663	26 606,642	6,814	6,349
19	31	98 503	46 753,646	1 011 365,014	21,632	21,167	69	81	52 835	3 528,786	22 701,979	6,433	5,969
20	32	98 425	44 919,889	964 611,367	21,474	21,009	70	82	49 267	3 163,908	19 173,193	6,060	5,595
21	33	98 337	43 153,666	919 691,478	21,312	20,847	71	83	45 491	2 809,012	16 009,284	5,699	5,234
22	34	98 248	41 456,323	876 537,812	21,144	20,679	72	84	41 575	2 468,483	13 200,272	5,348	4,883
23	35	98 154	39 823,744	835 081,489	20,969	20,505	73	85	37 523	2 142,207	10 731,789	5,010	4,545
24	36	98 064	38 256,820	795 257,745	20,787	20,323	74	86	33 390	1 832,959	8 589,581	4,686	4,221
25	37	97 962	36 747,349	757 000,925	20,600	20,135	75	87	29 220	1 542,331	6 756,623	4,381	3,916
26	38	97 856	35 295,731	720 253,576	20,406	19,941	76	88	25 080	1 272,905	5 214,292	4,096	3,632
27	39	97 745	33 899,600	684 957,845	20,205	19,741	77	89	21 097	1 029,565	3 941,388	3,828	3,363
28	40	97 619	32 553,588	651 058,245	20,000	19,535	78	90	17 265	810,142	2 911,823	3,594	3,129
29	41	97 491	31 260,624	618 504,657	19,785	19,321	79	91	13 822	623,623	2 101,681	3,370	2,905
30	42	97 349	30 014,451	587 244,033	19,565	19,101	80	92	10 697	464,069	1 478,058	3,185	2,720
31	43	97 200	28 815,910	557 229,582	19,338	18,873	81	93	8 108	338,249	1 013,989	2,998	2,533
32	44	97 031	27 659,479	528 413,672	19,104	18,639	82	94	5 960	239,049	675,740	2,827	2,362
33	45	96 851	26 546,253	500 754,194	18,863	18,399	83	95	4 243	163,641	436,692	2,669	2,204
34	46	96 654	25 473,386	474 207,941	18,616	18,151	84	96	2 922	108,347	273,050	2,520	2,055
35	47	96 441	24 439,726	448 734,554	18,361	17,896	85	97	1 937	69,081	164,704	2,384	1,919
36	48	96 203	23 441,604	424 294,828	18,100	17,635	86	98	1 235	42,347	95,623	2,258	1,793
37	49	95 948	22 480,325	400 853,224	17,831	17,366	87	99	754	24,871	53,275	2,142	1,677
38	50	95 660	21 550,751	378 372,899	17,557	17,092	88	100	440	13,940	28,404	2,038	1,573
39	51	95 344	20 653,499	356 822,148	17,277	16,812							
40	52	95 002	19 787,800	336 168,650	16,989	16,524							
41	53	94 619	18 950,154	316 380,850	16,695	16,231							
42	54	94 206	18 141,639	297 430,696	16,395	15,930							
43	55	93 761	17 361,623	279 289,057	16,087	15,622							
44	56	93 263	16 605,056	261 927,435	15,774	15,309							
45	57	92 726	15 874,527	245 322,379	15,454	14,989							
46	58	92 151	15 169,291	229 447,852	15,126	14,661							
47	59	91 517	14 485,580	214 278,561	14,793	14,328							
48	60	90 822	13 822,655	199 792,981	14,454	13,989							
49	61	90 043	13 176,986	185 970,327	14,113	13,648							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	13	99 556	99 556,026	2 357 731,854	23,682	23,218	50	63	88 642	12 473,045	168 625,194	13,519	13,054
1	14	99 162	95 348,152	2 258 175,828	23,683	23,219	51	64	87 692	11 864,844	156 152,149	13,161	12,696
2	15	99 119	91 640,982	2 162 827,676	23,601	23,136	52	65	86 636	11 271,081	144 287,305	12,802	12,337
3	16	99 088	88 088,615	2 071 186,694	23,513	23,048	53	66	85 529	10 699,108	133 016,224	12,432	11,968
4	17	99 059	84 675,782	1 983 098,079	23,420	22,955	54	67	84 330	10 143,302	122 317,116	12,059	11,594
5	18	99 030	81 395,145	1 898 422,297	23,324	22,859	55	68	83 042	9 604,257	112 173,814	11,680	11,215
6	19	98 996	78 238,233	1 817 027,152	23,224	22,759	56	69	81 679	9 083,309	102 569,556	11,292	10,827
7	20	98 965	75 205,585	1 738 788,919	23,120	22,656	57	70	80 223	8 578,196	93 486,247	10,898	10,433
8	21	98 935	72 291,053	1 663 583,334	23,012	22,547	58	71	78 654	8 086,958	84 908,051	10,499	10,035
9	22	98 906	69 490,291	1 591 292,281	22,899	22,435	59	72	76 958	7 608,286	76 821,093	10,097	9,632
10	23	98 876	66 797,352	1 521 801,990	22,782	22,318	60	73	75 120	7 140,943	69 212,807	9,692	9,228
11	24	98 845	64 207,803	1 455 004,637	22,661	22,196	61	74	73 131	6 684,444	62 071,864	9,286	8,821
12	25	98 817	61 720,496	1 390 796,834	22,534	22,069	62	75	70 968	6 237,326	55 387,420	8,880	8,415
13	26	98 784	59 326,973	1 329 076,338	22,403	21,938	63	76	68 613	5 798,379	49 150,095	8,477	8,012
14	27	98 749	57 025,341	1 269 749,365	22,266	21,802	64	77	66 086	5 370,042	43 351,716	8,073	7,608
15	28	98 708	54 809,100	1 212 724,024	22,126	21,662	65	78	63 348	4 949,584	37 981,674	7,674	7,209
16	29	98 666	52 678,351	1 157 914,924	21,981	21,516	66	79	60 394	4 537,226	33 032,089	7,280	6,815
17	30	98 612	50 624,577	1 105 236,572	21,832	21,367	67	80	57 238	4 134,780	28 494,864	6,892	6,427
18	31	98 550	48 647,215	1 054 611,995	21,679	21,214	68	81	53 867	3 741,583	24 360,083	6,511	6,046
19	32	98 473	46 739,526	1 005 964,780	21,523	21,058	69	82	50 321	3 360,850	20 618,500	6,135	5,670
20	33	98 390	44 903,966	959 225,255	21,362	20,897	70	83	46 550	2 989,437	17 257,651	5,773	5,308
21	34	98 301	43 137,888	914 321,289	21,195	20,730	71	84	42 638	2 632,855	14 268,214	5,419	4,954
22	35	98 206	41 438,713	871 183,401	21,023	20,559	72	85	38 568	2 289,973	11 635,359	5,081	4,616
23	36	98 115	39 807,904	829 744,687	20,844	20,379	73	86	34 418	1 964,930	9 345,386	4,756	4,291
24	37	98 017	38 238,640	789 936,783	20,658	20,193	74	87	30 244	1 660,252	7 380,456	4,445	3,981
25	38	97 910	36 727,738	751 698,144	20,467	20,002	75	88	26 056	1 375,309	5 720,204	4,159	3,694
26	39	97 802	35 276,081	714 970,406	20,268	19,803	76	89	22 013	1 117,245	4 344,895	3,889	3,424
27	40	97 680	33 877,174	679 694,325	20,063	19,599	77	90	18 111	883,864	3 227,650	3,652	3,187
28	41	97 550	32 530,597	645 817,151	19,853	19,388	78	91	14 592	684,735	2 343,786	3,423	2,958
29	42	97 413	31 235,569	613 286,554	19,634	19,169	79	92	11 366	512,813	1 659,051	3,235	2,770
30	43	97 262	29 987,735	582 050,985	19,410	18,945	80	93	8 673	376,255	1 146,238	3,046	2,582
31	44	97 100	28 786,404	552 063,249	19,178	18,713	81	94	6 428	268,146	769,982	2,872	2,407
32	45	96 922	27 628,413	523 276,845	18,940	18,475	82	95	4 613	185,052	501,836	2,712	2,247
33	46	96 728	26 512,560	495 648,432	18,695	18,230	83	96	3 203	123,540	316,785	2,564	2,099
34	47	96 518	25 437,492	469 135,873	18,443	17,978	84	97	2 148	79,667	193,244	2,426	1,961
35	48	96 284	24 399,764	443 698,381	18,185	17,720	85	98	1 386	49,409	113,577	2,299	1,834
36	49	96 033	23 400,150	419 298,617	17,919	17,454	86	99	858	29,423	64,169	2,181	1,716
37	50	95 751	22 434,068	395 898,467	17,647	17,182	87	100	509	16,765	34,745	2,072	1,608
38	51	95 449	21 503,274	373 464,399	17,368	16,903							
39	52	95 111	20 602,964	351 961,125	17,083	16,618							
40	53	94 741	19 733,475	331 358,161	16,792	16,327							
41	54	94 335	18 893,179	311 624,686	16,494	16,029							
42	55	93 905	18 083,745	292 731,507	16,188	15,723							
43	56	93 429	17 300,108	274 647,762	15,875	15,411							
44	57	92 911	16 542,418	257 347,654	15,557	15,092							
45	58	92 355	15 811,083	240 805,236	15,230	14,765							
46	59	91 744	15 102,359	224 994,153	14,898	14,433							
47	60	91 085	14 417,179	209 891,794	14,558	14,094							
48	61	90 333	13 748,159	195 474,615	14,218	13,753							
49	62	89 525	13 101,262	181 726,456	13,871	13,406							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	14	99 547	99 547,108	2 351 748,815	23,624	23,160	50	64	88 045	12 389,003	164 262,567	13,259	12,794
1	15	99 151	95 337,817	2 252 201,707	23,623	23,159	51	65	87 048	11 777,644	151 873,564	12,895	12,430
2	16	99 106	91 629,454	2 156 863,890	23,539	23,074	52	66	85 960	11 183,055	140 095,919	12,528	12,063
3	17	99 072	88 075,061	2 065 234,436	23,449	22,984	53	67	84 798	10 607,585	128 912,864	12,153	11,688
4	18	99 043	84 662,194	1 977 159,375	23,354	22,889	54	68	83 559	10 050,670	118 305,279	11,771	11,306
5	19	99 007	81 376,554	1 892 497,181	23,256	22,791	55	69	82 236	9 510,994	108 254,608	11,382	10,917
6	20	98 976	78 222,073	1 811 120,628	23,154	22,689	56	70	80 812	8 986,831	98 743,615	10,988	10,523
7	21	98 943	75 188,890	1 732 898,554	23,047	22,582	57	71	79 292	8 478,648	89 756,784	10,586	10,121
8	22	98 915	72 275,923	1 657 709,664	22,936	22,471	58	72	77 641	7 982,821	81 278,136	10,182	9,717
9	23	98 884	69 474,703	1 585 433,740	22,820	22,355	59	73	75 844	7 498,136	73 295,315	9,775	9,310
10	24	98 854	66 782,084	1 515 959,038	22,700	22,235	60	74	73 899	7 024,823	65 797,180	9,366	8,902
11	25	98 825	64 194,825	1 449 176,954	22,575	22,110	61	75	71 770	6 560,063	58 772,357	8,959	8,494
12	26	98 795	61 706,919	1 384 982,129	22,445	21,980	62	76	69 446	6 103,486	52 212,294	8,555	8,090
13	27	98 760	59 312,932	1 323 275,211	22,310	21,845	63	77	66 933	5 656,360	46 108,808	8,152	7,687
14	28	98 723	57 010,021	1 263 962,279	22,171	21,706	64	78	64 254	5 221,165	40 452,448	7,748	7,283
15	29	98 683	54 795,241	1 206 952,257	22,027	21,562	65	79	61 317	4 790,860	35 231,283	7,354	6,889
16	30	98 637	52 663,237	1 152 157,017	21,878	21,413	66	80	58 201	4 372,497	30 440,424	6,962	6,497
17	31	98 584	50 610,249	1 099 493,780	21,725	21,260	67	81	54 848	3 962,089	26 067,926	6,579	6,115
18	32	98 521	48 632,522	1 048 883,531	21,568	21,103	68	82	51 303	3 563,520	22 105,837	6,203	5,739
19	33	98 438	46 722,958	1 000 251,009	21,408	20,943	69	83	47 546	3 175,518	18 542,318	5,839	5,374
20	34	98 354	44 887,548	953 528,051	21,243	20,778	70	84	43 631	2 801,965	15 366,800	5,484	5,019
21	35	98 259	43 119,564	908 640,503	21,073	20,608	71	85	39 554	2 442,458	12 564,835	5,144	4,680
22	36	98 167	41 422,231	865 520,939	20,895	20,430	72	86	35 377	2 100,467	10 122,377	4,819	4,354
23	37	98 069	39 788,987	824 098,709	20,712	20,247	73	87	31 175	1 779,789	8 021,910	4,507	4,042
24	38	97 965	38 218,232	784 309,722	20,522	20,057	74	88	26 969	1 480,461	6 242,121	4,216	3,752
25	39	97 856	36 707,291	746 091,489	20,325	19,861	75	89	22 869	1 207,126	4 761,660	3,945	3,480
26	40	97 737	35 252,744	709 384,199	20,123	19,658	76	90	18 898	959,136	3 554,534	3,706	3,241
27	41	97 611	33 853,249	674 131,455	19,913	19,449	77	91	15 308	747,046	2 595,398	3,474	3,009
28	42	97 471	32 504,524	640 278,206	19,698	19,233	78	92	11 999	563,067	1 848,352	3,283	2,818
29	43	97 326	31 207,767	607 773,681	19,475	19,010	79	93	9 215	415,776	1 285,285	3,091	2,626
30	44	97 163	29 957,030	576 565,915	19,246	18,782	80	94	6 875	298,275	869,510	2,915	2,450
31	45	96 991	28 754,073	546 608,885	19,010	18,545	81	95	4 976	207,576	571,234	2,752	2,287
32	46	96 799	27 593,346	517 854,812	18,767	18,303	82	96	3 483	139,704	363,658	2,603	2,138
33	47	96 592	26 475,201	490 261,466	18,518	18,053	83	97	2 355	90,839	223,954	2,465	2,001
34	48	96 360	25 395,898	463 786,266	18,262	17,797	84	98	1 536	56,980	133,115	2,336	1,871
35	49	96 113	24 356,615	438 390,368	17,999	17,534	85	99	963	34,330	76,135	2,218	1,753
36	50	95 835	23 352,000	414 033,752	17,730	17,265	86	100	578	19,834	41,805	2,108	1,643
37	51	95 540	22 384,646	390 681,752	17,453	16,988							
38	52	95 215	21 450,660	368 297,106	17,169	16,705							
39	53	94 850	20 546,401	346 846,446	16,881	16,416							
40	54	94 456	19 674,145	326 300,045	16,585	16,120							
41	55	94 034	18 832,887	306 625,900	16,281	15,817							
42	56	93 572	18 019,671	287 793,013	15,971	15,506							
43	57	93 077	17 234,848	269 773,342	15,653	15,188							
44	58	92 539	16 476,305	252 538,494	15,327	14,863							
45	59	91 948	15 741,320	236 062,188	14,996	14,532							
46	60	91 311	15 031,045	220 320,868	14,658	14,193							
47	61	90 594	14 339,479	205 289,823	14,316	13,852							
48	62	89 814	13 669,153	190 950,344	13,969	13,505							
49	63	88 961	13 018,624	177 281,191	13,618	13,153							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	15	99 536	99 536,318	2 345 425,662	23,564	23,099	50	65	87 398	12 297,952	159 705,161	12,986	12,522
1	16	99 139	95 325,825	2 245 889,344	23,560	23,095	51	66	86 368	11 685,663	147 407,210	12,614	12,150
2	17	99 091	91 615,355	2 150 563,519	23,474	23,009	52	67	85 224	11 087,392	135 721,547	12,241	11,776
3	18	99 057	88 060,927	2 058 948,164	23,381	22,916	53	68	84 023	10 510,714	124 634,155	11,858	11,393
4	19	99 020	84 642,856	1 970 887,237	23,285	22,820	54	69	82 748	9 953,072	114 123,441	11,466	11,001
5	20	98 987	81 359,746	1 886 244,381	23,184	22,719	55	70	81 362	9 409,973	104 170,369	11,070	10,605
6	21	98 954	78 204,709	1 804 884,635	23,079	22,614	56	71	79 874	8 882,541	94 760,396	10,668	10,203
7	22	98 923	75 173,154	1 726 679,926	22,969	22,505	57	72	78 271	8 369,467	85 877,856	10,261	9,796
8	23	98 892	72 259,710	1 651 506,772	22,855	22,390	58	73	76 517	7 867,248	77 508,388	9,852	9,387
9	24	98 862	69 458,822	1 579 247,062	22,736	22,272	59	74	74 611	7 376,207	69 641,141	9,441	8,977
10	25	98 834	66 768,585	1 509 788,240	22,612	22,147	60	75	72 523	6 894,108	62 264,934	9,032	8,567
11	26	98 803	64 180,703	1 443 019,655	22,484	22,019	61	76	70 230	6 419,297	55 370,826	8,626	8,161
12	27	98 771	61 692,315	1 378 838,952	22,350	21,885	62	77	67 745	5 953,994	48 951,529	8,222	7,757
13	28	98 734	59 296,998	1 317 146,637	22,213	21,748	63	78	65 077	5 499,545	42 997,534	7,818	7,354
14	29	98 698	56 995,605	1 257 849,640	22,069	21,604	64	79	62 194	5 053,731	37 497,990	7,420	6,955
15	30	98 655	54 779,519	1 200 854,035	21,922	21,457	65	80	59 091	4 616,923	32 444,258	7,027	6,562
16	31	98 609	52 648,332	1 146 074,516	21,768	21,304	66	81	55 770	4 189,878	27 827,335	6,642	6,177
17	32	98 554	50 594,964	1 093 426,185	21,611	21,147	67	82	52 237	3 773,532	23 637,458	6,264	5,799
18	33	98 486	48 615,283	1 042 831,221	21,451	20,986	68	83	48 474	3 367,012	19 863,926	5,900	5,435
19	34	98 402	46 705,874	994 215,938	21,287	20,822	69	84	44 564	2 976,376	16 496,914	5,543	5,078
20	35	98 312	44 868,481	947 510,064	21,117	20,653	70	85	40 476	2 599,338	13 520,538	5,202	4,737
21	36	98 220	43 102,413	902 641,583	20,942	20,477	71	86	36 281	2 240,333	10 921,199	4,875	4,410
22	37	98 121	41 402,547	859 539,170	20,761	20,296	72	87	32 043	1 902,556	8 680,866	4,563	4,098
23	38	98 016	39 767,752	818 136,624	20,573	20,108	73	88	27 799	1 587,052	6 778,311	4,271	3,806
24	39	97 910	38 196,956	778 368,872	20,378	19,913	74	89	23 671	1 299,420	5 191,258	3,995	3,530
25	40	97 791	36 683,007	740 171,916	20,178	19,713	75	90	19 633	1 036,298	3 891,838	3,756	3,291
26	41	97 668	35 227,848	703 488,909	19,970	19,505	76	91	15 973	810,666	2 855,541	3,522	3,058
27	42	97 533	33 826,116	668 261,062	19,756	19,291	77	92	12 588	614,306	2 044,875	3,329	2,864
28	43	97 385	32 475,592	634 434,946	19,536	19,071	78	93	9 729	456,520	1 430,569	3,134	2,669
29	44	97 226	31 175,812	601 959,353	19,309	18,844	79	94	7 305	329,605	974,049	2,955	2,490
30	45	97 053	29 923,383	570 783,541	19,075	18,610	80	95	5 322	230,900	644,444	2,791	2,326
31	46	96 868	28 717,577	540 860,158	18,834	18,369	81	96	3 757	156,709	413,544	2,639	2,174
32	47	96 663	27 554,464	512 142,581	18,587	18,122	82	97	2 561	102,724	256,835	2,500	2,035
33	48	96 434	26 431,911	484 588,117	18,333	17,869	83	98	1 685	64,970	154,111	2,372	1,907
34	49	96 190	25 350,988	458 156,207	18,073	17,608	84	99	1 068	39,590	89,141	2,252	1,787
35	50	95 916	24 306,498	432 805,219	17,806	17,341	85	100	649	23,141	49,551	2,141	1,676
36	51	95 624	23 300,556	408 498,722	17,532	17,067							
37	52	95 306	22 329,875	385 198,166	17,250	16,786							
38	53	94 954	21 391,770	362 868,290	16,963	16,498							
39	54	94 565	20 484,627	341 476,520	16,670	16,205							
40	55	94 155	19 611,361	320 991,893	16,368	15,903							
41	56	93 701	18 766,159	301 380,532	16,060	15,595							
42	57	93 219	17 951,697	282 614,373	15,743	15,278							
43	58	92 705	17 165,968	264 662,676	15,418	14,953							
44	59	92 131	16 403,607	247 496,708	15,088	14,623							
45	60	91 514	15 666,989	231 093,101	14,750	14,285							
46	61	90 819	14 950,038	215 426,112	14,410	13,945							
47	62	90 074	14 257,075	200 476,074	14,062	13,597							
48	63	89 247	13 582,933	186 219,000	13,710	13,245							
49	64	88 361	12 930,906	172 636,067	13,351	12,886							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	16	99 524	99 523,797	2 338 753,169	23,499	23,035	50	66	86 715	12 201,906	154 955,118	12,699	12,234
1	17	99 124	95 311,156	2 239 229,371	23,494	23,029	51	67	85 629	11 585,700	142 753,212	12,322	11,857
2	18	99 075	91 600,654	2 143 918,215	23,405	22,940	52	68	84 446	10 986,139	131 167,512	11,939	11,475
3	19	99 034	88 040,813	2 052 317,561	23,311	22,846	53	69	83 207	10 408,648	120 181,373	11,546	11,081
4	20	99 000	84 625,374	1 964 276,748	23,211	22,747	54	70	81 869	9 847,355	109 772,725	11,147	10,683
5	21	98 965	81 341,685	1 879 651,374	23,108	22,643	55	71	80 418	9 300,773	99 925,369	10,744	10,279
6	22	98 933	78 188,341	1 798 309,689	23,000	22,535	56	72	78 845	8 768,159	90 624,597	10,336	9,871
7	23	98 901	75 156,291	1 720 121,348	22,887	22,422	57	73	77 137	8 248,296	81 856,438	9,924	9,459
8	24	98 870	72 243,193	1 644 965,058	22,770	22,305	58	74	75 272	7 739,317	73 608,142	9,511	9,046
9	25	98 842	69 444,782	1 572 721,865	22,647	22,182	59	75	73 222	7 238,954	65 868,825	9,099	8,634
10	26	98 812	66 753,897	1 503 277,083	22,520	22,055	60	76	70 967	6 746,175	58 629,871	8,691	8,226
11	27	98 780	64 165,514	1 436 523,186	22,388	21,923	61	77	68 510	6 262,071	51 883,697	8,285	7,821
12	28	98 745	61 675,741	1 372 357,672	22,251	21,786	62	78	65 867	5 788,927	45 621,626	7,881	7,416
13	29	98 709	59 282,003	1 310 681,931	22,109	21,644	63	79	62 990	5 323,184	39 832,698	7,483	7,018
14	30	98 670	56 979,252	1 251 399,928	21,962	21,498	64	80	59 936	4 870,251	34 509,515	7,086	6,621
15	31	98 627	54 764,014	1 194 420,676	21,810	21,345	65	81	56 623	4 424,095	29 639,264	6,700	6,235
16	32	98 580	52 632,431	1 139 656,662	21,653	21,188	66	82	53 116	3 990,480	25 215,169	6,319	5,854
17	33	98 519	50 577,029	1 087 024,232	21,492	21,028	67	83	49 357	3 565,443	21 224,689	5,953	5,488
18	34	98 450	48 597,507	1 036 447,202	21,327	20,862	68	84	45 434	3 155,861	17 659,246	5,596	5,131
19	35	98 360	46 686,035	987 849,695	21,159	20,695	69	85	41 342	2 761,138	14 503,385	5,253	4,788
20	36	98 273	44 850,634	941 163,660	20,984	20,520	70	86	37 126	2 384,231	11 742,248	4,925	4,460
21	37	98 174	43 081,930	896 313,026	20,805	20,340	71	87	32 863	2 029,243	9 358,016	4,612	4,147
22	38	98 068	41 380,451	853 231,096	20,619	20,154	72	88	28 573	1 696,525	7 328,773	4,320	3,855
23	39	97 962	39 745,613	811 850,646	20,426	19,961	73	89	24 399	1 392,976	5 632,249	4,043	3,578
24	40	97 846	38 171,687	772 105,033	20,227	19,762	74	90	20 321	1 115,530	4 239,272	3,800	3,335
25	41	97 722	36 657,100	733 933,346	20,022	19,557	75	91	16 594	875,883	3 123,743	3,566	3,102
26	42	97 590	35 199,613	697 276,246	19,809	19,344	76	92	13 134	666,621	2 247,859	3,372	2,907
27	43	97 446	33 796,008	662 076,633	19,590	19,126	77	93	10 206	498,063	1 581,238	3,175	2,710
28	44	97 285	32 442,339	628 280,626	19,366	18,901	78	94	7 713	361,905	1 083,175	2,993	2,528
29	45	97 117	31 140,797	595 838,286	19,134	18,669	79	95	5 655	255,153	721,269	2,827	2,362
30	46	96 930	29 885,404	564 697,490	18,895	18,431	80	96	4 018	174,317	466,116	2,674	2,209
31	47	96 732	28 677,111	534 812,086	18,649	18,185	81	97	2 762	115,227	291,799	2,532	2,068
32	48	96 505	27 509,409	506 134,975	18,399	17,934	82	98	1 832	73,471	176,572	2,403	1,938
33	49	96 263	26 385,168	478 625,566	18,140	17,675	83	99	1 170	45,142	103,101	2,284	1,819
34	50	95 992	25 298,824	452 240,399	17,876	17,411	84	100	720	26,688	57,959	2,172	1,707
35	51	95 704	24 252,950	426 941,575	17,604	17,139							
36	52	95 390	23 243,544	402 688,624	17,325	16,860							
37	53	95 044	22 268,571	379 445,080	17,039	16,575							
38	54	94 669	21 327,455	357 176,509	16,747	16,282							
39	55	94 263	20 419,256	335 849,053	16,448	15,983							
40	56	93 821	19 541,874	315 429,797	16,141	15,676							
41	57	93 347	18 695,369	295 887,923	15,827	15,362							
42	58	92 847	17 879,952	277 192,554	15,503	15,038							
43	59	92 296	17 090,226	259 312,601	15,173	14,708							
44	60	91 696	16 326,148	242 222,375	14,836	14,372							
45	61	91 020	15 582,554	225 896,227	14,497	14,032							
46	62	90 297	14 864,124	210 313,672	14,149	13,684							
47	63	89 505	14 167,146	195 449,548	13,796	13,331							
48	64	88 646	13 491,413	181 282,402	13,437	12,972							
49	65	87 712	12 835,871	167 790,989	13,072	12,607							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$
0	17	99 508	99 508,483	2 331 721,748	23,432	22,968	50	67	85 973	12 097,528	150 012,732	12,400	11,935
1	18	99 108	95 295,862	2 232 213,265	23,424	22,959	51	68	84 847	11 479,896	137 915,204	12,014	11,549
2	19	99 053	91 579,731	2 136 917,403	23,334	22,869	52	69	83 626	10 879,457	126 435,308	11,621	11,157
3	20	99 013	88 022,629	2 045 337,672	23,236	22,772	53	70	82 323	10 298,092	115 555,851	11,221	10,756
4	21	98 978	84 606,588	1 957 315,043	23,134	22,669	54	71	80 919	9 733,080	105 257,759	10,814	10,350
5	22	98 944	81 324,661	1 872 708,455	23,028	22,563	55	72	79 382	9 181,005	95 524,679	10,405	9,940
6	23	98 911	78 170,801	1 791 383,794	22,916	22,451	56	73	77 704	8 641,216	86 343,674	9,992	9,527
7	24	98 878	75 139,111	1 713 212,993	22,801	22,336	57	74	75 883	8 114,169	77 702,459	9,576	9,111
8	25	98 850	72 228,590	1 638 073,881	22,679	22,214	58	75	73 872	7 595,307	69 588,290	9,162	8,697
9	26	98 820	69 429,505	1 565 845,292	22,553	22,088	59	76	71 651	7 083,621	61 992,983	8,752	8,287
10	27	98 789	66 738,099	1 496 415,786	22,422	21,957	60	77	69 229	6 580,942	54 909,362	8,344	7,879
11	28	98 753	64 148,276	1 429 677,688	22,287	21,822	61	78	66 610	6 088,463	48 328,420	7,938	7,473
12	29	98 720	61 660,145	1 365 529,412	22,146	21,681	62	79	63 754	5 603,287	42 239,957	7,538	7,074
13	30	98 681	59 264,994	1 303 869,267	22,001	21,536	63	80	60 703	5 129,921	36 636,670	7,142	6,677
14	31	98 642	56 963,125	1 244 604,273	21,849	21,384	64	81	57 432	4 666,842	31 506,749	6,751	6,286
15	32	98 597	54 747,474	1 187 641,148	21,693	21,228	65	82	53 928	4 213,550	26 839,907	6,370	5,905
16	33	98 545	52 613,774	1 132 893,674	21,532	21,067	66	83	50 187	3 770,428	22 626,357	6,001	5,536
17	34	98 483	50 558,536	1 080 279,900	21,367	20,902	67	84	46 262	3 341,848	18 855,929	5,642	5,178
18	35	98 408	48 576,864	1 029 721,364	21,198	20,733	68	85	42 149	2 927,643	15 514,081	5,299	4,834
19	36	98 321	46 667,465	981 144,500	21,024	20,559	69	86	37 920	2 532,641	12 586,438	4,970	4,505
20	37	98 227	44 829,320	934 477,035	20,845	20,380	70	87	33 628	2 159,582	10 053,798	4,655	4,191
21	38	98 121	43 058,938	889 647,714	20,661	20,196	71	88	29 304	1 809,493	7 894,215	4,363	3,898
22	39	98 014	41 357,414	846 588,776	20,470	20,005	72	89	25 079	1 489,062	6 084,722	4,086	3,621
23	40	97 897	39 719,319	805 231,363	20,273	19,808	73	90	20 946	1 195,847	4 595,660	3,843	3,378
24	41	97 777	38 144,729	765 512,044	20,069	19,604	74	91	17 176	942,851	3 399,814	3,606	3,141
25	42	97 644	36 627,720	727 367,315	19,858	19,394	75	92	13 645	720,251	2 456,963	3,411	2,946
26	43	97 503	35 168,282	690 739,595	19,641	19,176	76	93	10 649	540,479	1 736,713	3,213	2,748
27	44	97 347	33 761,403	655 571,313	19,418	18,953	77	94	8 091	394,838	1 196,233	3,030	2,565
28	45	97 176	32 405,902	621 809,911	19,188	18,723	78	95	5 970	280,157	801,395	2,861	2,396
29	46	96 994	31 101,272	589 404,009	18,951	18,486	79	96	4 269	192,627	521,238	2,706	2,241
30	47	96 794	29 843,292	558 302,737	18,708	18,243	80	97	2 954	128,175	328,611	2,564	2,099
31	48	96 574	28 630,220	528 459,446	18,458	17,993	81	98	1 976	82,414	200,437	2,432	1,967
32	49	96 334	27 460,761	499 829,225	18,202	17,737	82	99	1 273	51,048	118,023	2,312	1,847
33	50	96 065	26 330,876	472 368,465	17,940	17,475	83	100	789	30,430	66,974	2,201	1,736
34	51	95 780	25 243,091	446 037,588	17,670	17,205							
35	52	95 470	24 193,608	420 794,498	17,393	16,928							
36	53	95 128	23 179,732	396 600,889	17,110	16,645							
37	54	94 759	22 201,620	373 421,157	16,820	16,355							
38	55	94 366	21 259,395	351 219,537	16,521	16,056							
39	56	93 929	20 346,908	329 960,143	16,217	15,752							
40	57	93 467	19 468,159	309 613,235	15,904	15,439							
41	58	92 974	18 620,652	290 145,076	15,582	15,117							
42	59	92 437	17 801,060	271 524,425	15,253	14,788							
43	60	91 860	17 009,526	253 723,364	14,917	14,452							
44	61	91 202	16 238,161	236 713,839	14,578	14,113							
45	62	90 497	15 493,006	220 475,678	14,231	13,766							
46	63	89 727	14 770,367	204 982,672	13,878	13,413							
47	64	88 902	14 071,690	190 212,305	13,517	13,053							
48	65	87 994	13 392,259	176 140,615	13,152	12,688							
49	66	87 027	12 735,625	162 748,356	12,779	12,314							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	18	99 493	99 492,515	2 324 322,643	23,362	22,897	50	68	85 188	11 987,050	144 881,903	12,087	11,622
1	19	99 085	95 274,095	2 224 830,128	23,352	22,887	51	69	84 023	11 368,419	132 894,853	11,690	11,225
2	20	99 032	91 560,816	2 129 556,033	23,258	22,794	52	70	82 738	10 763,900	121 526,434	11,290	10,825
3	21	98 992	88 003,089	2 037 995,217	23,158	22,693	53	71	81 368	10 178,586	110 762,533	10,882	10,417
4	22	98 957	84 588,881	1 949 992,128	23,053	22,588	54	72	79 877	9 607,745	100 583,948	10,469	10,004
5	23	98 922	81 306,418	1 865 403,247	22,943	22,478	55	73	78 233	9 048,085	90 976,203	10,055	9,590
6	24	98 888	78 152,933	1 784 096,830	22,828	22,363	56	74	76 440	8 500,699	81 928,118	9,638	9,173
7	25	98 858	75 123,923	1 705 943,897	22,708	22,244	57	75	74 471	7 963,184	73 427,419	9,221	8,756
8	26	98 828	72 212,701	1 630 819,974	22,584	22,119	58	76	72 287	7 432,327	65 464,235	8,808	8,343
9	27	98 796	69 413,074	1 558 607,273	22,454	21,989	59	77	69 896	6 910,123	58 031,907	8,398	7,933
10	28	98 762	66 720,169	1 489 194,199	22,320	21,855	60	78	67 310	6 398,494	51 121,784	7,990	7,525
11	29	98 728	64 132,054	1 422 474,030	22,180	21,716	61	79	64 474	5 893,217	44 723,290	7,589	7,124
12	30	98 692	61 642,454	1 358 341,975	22,036	21,571	62	80	61 440	5 399,854	38 830,074	7,191	6,726
13	31	98 653	59 248,220	1 296 699,522	21,886	21,421	63	81	58 168	4 915,667	33 430,220	6,801	6,336
14	32	98 612	56 945,921	1 237 451,302	21,730	21,265	64	82	54 699	4 444,745	28 514,553	6,415	5,951
15	33	98 562	54 728,068	1 180 505,381	21,570	21,106	65	83	50 954	3 981,197	24 069,808	6,046	5,581
16	34	98 509	52 594,536	1 125 777,313	21,405	20,940	66	84	47 040	3 533,978	20 088,610	5,684	5,220
17	35	98 441	50 537,060	1 073 182,777	21,236	20,771	67	85	42 916	3 100,180	16 554,632	5,340	4,875
18	36	98 369	48 557,543	1 022 645,717	21,060	20,596	68	86	38 661	2 685,367	13 454,452	5,010	4,545
19	37	98 275	46 645,288	974 088,174	20,883	20,418	69	87	34 348	2 294,008	10 769,085	4,694	4,230
20	38	98 174	44 805,396	927 442,886	20,699	20,235	70	88	29 987	1 925,718	8 475,077	4,401	3,936
21	39	98 067	43 034,966	882 637,491	20,510	20,045	71	89	25 720	1 588,215	6 549,359	4,124	3,659
22	40	97 949	41 330,054	839 602,524	20,315	19,850	72	90	21 530	1 278,334	4 961,144	3,881	3,416
23	41	97 828	39 691,268	798 272,471	20,112	19,647	73	91	17 704	1 010,735	3 682,810	3,644	3,179
24	42	97 698	38 114,156	758 581,203	19,903	19,438	74	92	14 124	775,319	2 672,075	3,446	2,982
25	43	97 557	36 595,118	720 467,047	19,688	19,223	75	93	11 063	583,961	1 896,756	3,248	2,783
26	44	97 403	35 132,272	683 871,928	19,466	19,001	76	94	8 442	428,464	1 312,796	3,064	2,599
27	45	97 237	33 723,483	648 739,657	19,237	18,772	77	95	6 263	305,651	884,332	2,893	2,428
28	46	97 052	32 364,771	615 016,173	19,003	18,538	78	96	4 507	211,503	578,681	2,736	2,271
29	47	96 857	31 057,447	582 651,402	18,760	18,296	79	97	3 139	141,638	367,177	2,592	2,128
30	48	96 635	29 794,494	551 593,956	18,513	18,048	80	98	2 113	91,674	225,540	2,460	1,995
31	49	96 403	28 579,590	521 799,461	18,258	17,793	81	99	1 373	57,262	133,866	2,338	1,873
32	50	96 136	27 404,256	493 219,872	17,998	17,533	82	100	858	34,411	76,604	2,226	1,761
33	51	95 853	26 272,869	465 815,616	17,730	17,265							
34	52	95 546	25 181,326	439 542,746	17,455	16,990							
35	53	95 208	24 127,188	414 361,420	17,174	16,709							
36	54	94 842	23 110,041	390 234,232	16,886	16,421							
37	55	94 456	22 130,770	367 124,191	16,589	16,124							
38	56	94 032	21 184,069	344 993,421	16,286	15,821							
39	57	93 574	20 270,155	323 809,352	15,975	15,510							
40	58	93 093	19 390,353	303 539,197	15,654	15,189							
41	59	92 564	18 538,492	284 148,845	15,328	14,863							
42	60	92 001	17 717,003	265 610,353	14,992	14,527							
43	61	91 365	16 917,856	247 893,350	14,653	14,188							
44	62	90 678	16 144,845	230 975,494	14,306	13,842							
45	63	89 927	15 395,281	214 830,649	13,954	13,489							
46	64	89 123	14 670,846	199 435,368	13,594	13,129							
47	65	88 249	13 968,271	184 764,522	13,227	12,763							
48	66	87 307	13 287,667	170 796,250	12,854	12,389							
49	67	86 283	12 626,681	157 508,584	12,474	12,009							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	19	99 470	99 469,790	2 316 544,565	23,289	22,824	50	69	84 361	11 870,648	139 564,440	11,757	11,292
1	20	99 065	95 254,417	2 217 074,775	23,275	22,810	51	70	83 131	11 247,669	127 693,792	11,353	10,888
2	21	99 010	91 540,490	2 121 820,358	23,179	22,714	52	71	81 778	10 638,988	116 446,123	10,945	10,480
3	22	98 971	87 984,671	2 030 279,868	23,075	22,611	53	72	80 320	10 047,514	105 807,135	10,531	10,066
4	23	98 935	84 569,905	1 942 295,197	22,967	22,502	54	73	78 721	9 468,647	95 759,621	10,113	9,649
5	24	98 899	81 287,832	1 857 725,292	22,854	22,389	55	74	76 961	8 900,952	86 290,974	9,695	9,230
6	25	98 868	78 137,135	1 776 437,460	22,735	22,270	56	75	75 018	8 342,522	77 390,022	9,277	8,812
7	26	98 836	75 107,397	1 698 300,324	22,612	22,147	57	76	72 873	7 792,311	69 047,500	8,861	8,396
8	27	98 805	72 195,610	1 623 192,927	22,483	22,018	58	77	70 516	7 250,289	61 255,189	8,449	7,984
9	28	98 770	69 394,426	1 550 997,317	22,350	21,886	59	78	67 958	6 718,549	54 004,900	8,038	7,573
10	29	98 737	66 703,298	1 481 602,891	22,212	21,747	60	79	65 151	6 193,305	47 286,351	7,635	7,170
11	30	98 700	64 113,654	1 414 899,593	22,069	21,604	61	80	62 133	5 679,258	41 093,046	7,236	6,771
12	31	98 664	61 625,007	1 350 785,939	21,919	21,455	62	81	58 874	5 174,326	35 413,788	6,844	6,379
13	32	98 623	59 230,326	1 289 160,932	21,765	21,300	63	82	55 400	4 681,728	30 239,462	6,459	5,994
14	33	98 577	56 925,735	1 229 930,607	21,606	21,141	64	83	51 683	4 199,643	25 557,734	6,086	5,621
15	34	98 526	54 708,057	1 173 004,872	21,441	20,976	65	84	47 759	3 731,530	21 358,091	5,724	5,259
16	35	98 467	52 572,195	1 118 296,815	21,272	20,807	66	85	43 638	3 278,416	17 626,561	5,377	4,912
17	36	98 402	50 516,959	1 065 724,619	21,096	20,632	67	86	39 365	2 843,626	14 348,145	5,046	4,581
18	37	98 322	48 534,468	1 015 207,660	20,917	20,452	68	87	35 018	2 432,344	11 504,519	4,730	4,265
19	38	98 222	46 620,394	966 673,193	20,735	20,270	69	88	30 628	2 045,587	9 072,175	4,435	3,970
20	39	98 119	44 780,452	920 052,799	20,546	20,081	70	89	26 320	1 690,227	7 026,588	4,157	3,692
21	40	98 002	43 006,497	875 272,347	20,352	19,887	71	90	22 080	1 363,456	5 336,361	3,914	3,449
22	41	97 880	41 300,865	832 265,850	20,151	19,686	72	91	18 197	1 080,454	3 972,905	3,677	3,212
23	42	97 749	39 659,456	790 964,985	19,944	19,479	73	92	14 558	831,141	2 892,451	3,480	3,015
24	43	97 611	38 080,231	751 305,529	19,730	19,265	74	93	11 451	628,608	2 061,310	3,279	2,814
25	44	97 457	36 557,647	713 225,298	19,510	19,045	75	94	8 770	462,933	1 432,702	3,095	2,630
26	45	97 294	35 092,813	676 667,651	19,282	18,817	76	95	6 535	331,681	969,769	2,924	2,459
27	46	97 114	33 680,680	641 574,839	19,049	18,584	77	96	4 728	230,750	638,088	2,765	2,300
28	47	96 916	32 319,165	607 894,158	18,809	18,344	78	97	3 314	155,517	407,338	2,619	2,154
29	48	96 699	31 006,664	575 574,993	18,563	18,098	79	98	2 245	101,303	251,820	2,486	2,021
30	49	96 464	29 741,805	544 568,329	18,310	17,845	80	99	1 468	63,696	150,517	2,363	1,898
31	50	96 204	28 520,783	514 826,524	18,051	17,586	81	100	925	38,600	86,821	2,249	1,784
32	51	95 924	27 343,885	486 305,741	17,785	17,320							
33	52	95 619	26 208,585	458 961,856	17,512	17,047							
34	53	95 284	25 112,194	432 753,271	17,233	16,768							
35	54	94 922	24 054,649	407 641,077	16,946	16,482							
36	55	94 539	23 036,292	383 586,429	16,651	16,187							
37	56	94 121	22 052,357	360 550,137	16,350	15,885							
38	57	93 677	21 104,158	338 497,780	16,039	15,575							
39	58	93 200	20 189,144	317 393,622	15,721	15,256							
40	59	92 683	19 304,797	297 204,478	15,395	14,931							
41	60	92 127	18 450,952	277 899,681	15,062	14,597							
42	61	91 505	17 621,520	259 448,729	14,723	14,259							
43	62	90 840	16 820,634	241 827,209	14,377	13,912							
44	63	90 106	16 043,009	225 006,575	14,025	13,560							
45	64	89 321	15 291,550	208 963,566	13,665	13,200							
46	65	88 468	14 563,024	193 672,016	13,299	12,834							
47	66	87 560	13 859,181	179 108,992	12,923	12,459							
48	67	86 560	13 174,001	165 249,811	12,544	12,079							
49	68	85 495	12 511,370	152 075,810	12,155	11,690							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$
0	20	99 449	99 449,245	2 308 382,184	23,212	22,747	50	70	83 465	11 744,563	134 062,080	11,415	10,950
1	21	99 043	95 233,272	2 208 932,939	23,195	22,730	51	71	82 166	11 117,143	122 317,517	11,003	10,538
2	22	98 989	91 521,332	2 113 699,667	23,095	22,630	52	72	80 724	10 501,988	111 200,374	10,589	10,124
3	23	98 949	87 964,933	2 022 178,335	22,988	22,524	53	73	79 157	9 902,049	100 698,386	10,169	9,705
4	24	98 912	84 550,574	1 934 213,402	22,876	22,412	54	74	77 440	9 314,675	90 796,337	9,748	9,283
5	25	98 879	81 271,401	1 849 662,828	22,759	22,294	55	75	75 529	8 735,327	81 481,662	9,328	8,863
6	26	98 847	78 119,947	1 768 391,427	22,637	22,172	56	76	73 408	8 163,509	72 746,334	8,911	8,446
7	27	98 813	75 089,622	1 690 271,480	22,510	22,045	57	77	71 088	7 601,455	64 582,826	8,496	8,031
8	28	98 778	72 176,215	1 615 181,858	22,378	21,913	58	78	68 561	7 049,284	56 981,370	8,083	7,618
9	29	98 745	69 376,878	1 543 005,643	22,241	21,776	59	79	65 779	6 503,097	49 932,086	7,678	7,213
10	30	98 709	66 684,159	1 473 628,765	22,099	21,634	60	80	62 786	5 968,452	43 428,990	7,276	6,812
11	31	98 672	64 095,507	1 406 944,606	21,951	21,486	61	81	59 538	5 442,060	37 460,538	6,884	6,419
12	32	98 634	61 606,394	1 342 849,098	21,797	21,332	62	82	56 072	4 928,078	32 018,478	6,497	6,032
13	33	98 588	59 209,330	1 281 242,704	21,639	21,174	63	83	52 345	4 423,558	27 090,400	6,124	5,659
14	34	98 541	56 904,921	1 222 033,374	21,475	21,010	64	84	48 442	3 936,277	22 666,842	5,758	5,294
15	35	98 484	54 684,819	1 165 128,453	21,306	20,841	65	85	44 305	3 461,682	18 730,565	5,411	4,946
16	36	98 428	52 551,285	1 110 443,634	21,131	20,666	66	86	40 027	3 007,112	15 268,883	5,078	4,613
17	37	98 355	50 492,953	1 057 892,350	20,951	20,486	67	87	35 656	2 575,692	12 261,772	4,761	4,296
18	38	98 269	48 508,565	1 007 399,397	20,767	20,303	68	88	31 226	2 168,942	9 686,080	4,466	4,001
19	39	98 167	46 594,440	958 890,832	20,580	20,115	69	89	26 883	1 795,438	7 517,138	4,187	3,722
20	40	98 055	44 750,827	912 296,392	20,386	19,921	70	90	22 595	1 451,031	5 721,700	3,943	3,478
21	41	97 933	42 976,124	867 545,565	20,187	19,722	71	91	18 663	1 152,399	4 270,669	3,706	3,241
22	42	97 801	41 267,763	824 569,440	19,981	19,516	72	92	14 964	888,472	3 118,270	3,510	3,045
23	43	97 662	39 624,155	783 301,677	19,768	19,303	73	93	11 803	673,867	2 229,798	3,309	2,844
24	44	97 511	38 041,239	743 677,522	19,549	19,084	74	94	9 078	498,328	1 555,931	3,122	2,657
25	45	97 347	36 516,587	705 636,283	19,324	18,859	75	95	6 789	358,365	1 057,603	2,951	2,486
26	46	97 170	35 048,272	669 119,696	19,091	18,627	76	96	4 934	250,401	699,239	2,792	2,328
27	47	96 977	33 633,221	634 071,424	18,853	18,388	77	97	3 477	169,670	448,837	2,645	2,181
28	48	96 757	32 266,320	600 438,203	18,609	18,144	78	98	2 370	111,231	279,168	2,510	2,045
29	49	96 528	30 951,831	568 171,884	18,357	17,892	79	99	1 560	70,386	167,937	2,386	1,921
30	50	96 266	29 680,607	537 220,053	18,100	17,635	80	100	990	42,937	97,551	2,272	1,807
31	51	95 992	28 457,952	507 539,446	17,835	17,370							
32	52	95 689	27 276,980	479 081,494	17,564	17,099							
33	53	95 356	26 136,633	451 804,515	17,286	16,821							
34	54	94 997	25 036,693	425 667,882	17,002	16,537							
35	55	94 619	23 977,885	400 631,189	16,708	16,244							
36	56	94 204	22 954,671	376 653,304	16,409	15,944							
37	57	93 766	21 969,171	353 698,633	16,100	15,635							
38	58	93 303	21 019,814	331 729,462	15,782	15,317							
39	59	92 789	20 100,063	310 709,648	15,458	14,993							
40	60	92 245	19 213,639	290 609,585	15,125	14,660							
41	61	91 630	18 351,514	271 395,946	14,789	14,324							
42	62	90 979	17 520,254	253 044,433	14,443	13,978							
43	63	90 267	16 714,535	235 524,178	14,091	13,626							
44	64	89 499	15 934,914	218 809,643	13,731	13,267							
45	65	88 664	15 179,166	202 874,730	13,365	12,901							
46	66	87 777	14 449,289	187 695,563	12,990	12,525							
47	67	86 811	13 740,626	173 246,275	12,608	12,144							
48	68	85 770	13 053,692	159 505,649	12,219	11,754							
49	69	84 664	12 389,877	146 451,957	11,820	11,355							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	21	99 427	99 427,169	2 299 820,645	23,131	22,666	50	71	82 496	11 608,271	128 380,560	11,059	10,595
1	22	99 022	95 213,340	2 200 393,476	23,110	22,645	51	72	81 108	10 973,986	116 772,289	10,641	10,176
2	23	98 967	91 500,801	2 105 180,136	23,007	22,542	52	73	79 556	10 349,943	105 798,303	10,222	9,757
3	24	98 926	87 944,826	2 013 679,335	22,897	22,432	53	74	77 870	9 741,030	95 448,360	9,799	9,334
4	25	98 892	84 533,483	1 925 734,509	22,781	22,316	54	75	76 000	9 141,352	85 707,330	9,376	8,911
5	26	98 857	81 253,523	1 841 201,026	22,660	22,195	55	76	73 908	8 547,885	76 565,978	8,957	8,492
6	27	98 823	78 101,458	1 759 947,503	22,534	22,069	56	77	71 610	7 963,562	68 018,093	8,541	8,076
7	28	98 786	75 069,449	1 681 846,044	22,404	21,939	57	78	69 117	7 390,715	60 054,531	8,126	7,661
8	29	98 753	72 157,964	1 606 776,595	22,267	21,803	58	79	66 363	6 823,226	52 663,817	7,718	7,253
9	30	98 717	69 356,973	1 534 618,631	22,126	21,662	59	80	63 391	6 266,996	45 840,591	7,315	6,850
10	31	98 681	66 665,286	1 465 261,659	21,979	21,515	60	81	60 164	5 719,176	39 573,595	6,919	6,455
11	32	98 642	64 076,149	1 398 596,373	21,827	21,362	61	82	56 705	5 183,071	33 854,419	6,532	6,067
12	33	98 599	61 584,557	1 334 520,224	21,670	21,205	62	83	52 980	4 656,323	28 671,349	6,158	5,693
13	34	98 552	59 187,681	1 272 935,667	21,507	21,042	63	84	49 062	4 146,149	24 015,026	5,792	5,327
14	35	98 499	56 880,749	1 213 747,986	21,338	20,874	64	85	44 939	3 651,622	19 868,877	5,441	4,976
15	36	98 445	54 663,067	1 156 867,237	21,164	20,699	65	86	40 639	3 175,212	16 217,255	5,107	4,643
16	37	98 381	52 526,311	1 102 204,170	20,984	20,519	66	87	36 255	2 723,774	13 042,043	4,788	4,323
17	38	98 303	50 466,005	1 049 677,859	20,800	20,335	67	88	31 794	2 296,766	10 318,269	4,493	4,028
18	39	98 215	48 481,560	999 211,853	20,610	20,145	68	89	27 407	1 903,708	8 021,503	4,214	3,749
19	40	98 103	46 563,615	950 730,293	20,418	19,953	69	90	23 078	1 541,353	6 117,795	3,969	3,504
20	41	97 985	44 719,223	904 166,678	20,219	19,754	70	91	19 097	1 226,418	4 576,442	3,732	3,267
21	42	97 854	42 941,679	859 447,455	20,014	19,549	71	92	15 346	947,633	3 350,024	3,535	3,070
22	43	97 714	41 231,031	816 505,776	19,803	19,338	72	93	12 132	720,350	2 402,391	3,335	2,870
23	44	97 562	39 583,583	775 274,745	19,586	19,121	73	94	9 357	534,207	1 682,041	3,149	2,684
24	45	97 402	37 998,513	735 691,162	19,361	18,896	74	95	7 027	385,764	1 147,835	2,975	2,511
25	46	97 224	36 470,239	697 692,649	19,130	18,666	75	96	5 126	270,546	762,071	2,817	2,352
26	47	97 033	34 998,885	661 222,410	18,893	18,428	76	97	3 628	184,119	491,525	2,670	2,205
27	48	96 818	33 578,226	626 223,525	18,650	18,185	77	98	2 487	121,353	307,406	2,533	2,068
28	49	96 586	32 209,259	592 645,299	18,400	17,935	78	99	1 647	77,284	186,053	2,407	1,943
29	50	96 329	30 888,143	560 436,040	18,144	17,679	79	100	1 052	47,447	108,769	2,292	1,828
30	51	96 054	29 615,220	529 547,897	17,881	17,416							
31	52	95 758	28 388,321	499 932,677	17,611	17,146							
32	53	95 427	27 202,094	471 544,356	17,335	16,870							
33	54	95 070	26 058,052	444 342,261	17,052	16,587							
34	55	94 694	24 956,796	418 284,209	16,760	16,296							
35	56	94 284	23 892,927	393 327,414	16,462	15,997							
36	57	93 849	22 868,081	369 434,487	16,155	15,690							
37	58	93 392	21 881,370	346 566,406	15,838	15,374							
38	59	92 891	20 927,068	324 685,036	15,515	15,050							
39	60	92 351	20 005,150	303 757,968	15,184	14,719							
40	61	91 748	19 110,090	283 752,818	14,848	14,384							
41	62	91 104	18 246,053	264 642,728	14,504	14,039							
42	63	90 405	17 409,743	246 396,675	14,153	13,688							
43	64	89 659	16 601,915	228 986,932	13,793	13,328							
44	65	88 841	15 817,801	212 385,018	13,427	12,962							
45	66	87 972	15 060,619	196 567,216	13,052	12,587							
46	67	87 026	14 325,686	181 506,597	12,670	12,205							
47	68	86 018	13 615,142	167 180,912	12,279	11,814							
48	69	84 937	12 926,932	153 565,770	11,880	11,415							
49	70	83 765	12 258,278	140 638,837	11,473	11,008							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	22	99 406	99 406,360	2 290 848,363	23,045	22,580	50	72	81 434	11 458,789	122 526,407	10,693	10,228
1	23	99 000	95 191,981	2 191 442,004	23,021	22,556	51	73	79 934	10 815,107	111 067,617	10,270	9,805
2	24	98 945	91 479,886	2 096 250,022	22,915	22,450	52	74	78 262	10 181,641	100 252,510	9,846	9,382
3	25	98 906	87 927,049	2 004 770,137	22,800	22,336	53	75	76 421	9 559,773	90 070,870	9,422	8,957
4	26	98 870	84 514,887	1 916 843,088	22,681	22,216	54	76	74 369	8 945,197	80 511,096	9,000	8,536
5	27	98 834	81 234,293	1 832 328,200	22,556	22,091	55	77	72 098	8 338,523	71 565,899	8,583	8,118
6	28	98 797	78 080,477	1 751 093,907	22,427	21,962	56	78	69 625	7 742,782	63 227,376	8,166	7,701
7	29	98 761	75 050,466	1 673 013,430	22,292	21,827	57	79	66 901	7 153,707	55 484,593	7,756	7,291
8	30	98 725	72 137,260	1 597 962,964	22,152	21,687	58	80	63 953	6 575,502	48 330,886	7,350	6,885
9	31	98 689	69 337,342	1 525 825,704	22,006	21,541	59	81	60 743	6 005,251	41 755,384	6,953	6,488
10	32	98 651	66 645,151	1 456 488,362	21,854	21,390	60	82	57 300	5 446,998	35 750,133	6,563	6,098
11	33	98 607	64 053,436	1 389 843,211	21,698	21,233	61	83	53 578	4 897,254	30 303,135	6,188	5,723
12	34	98 563	61 562,039	1 325 789,775	21,536	21,071	62	84	49 657	4 364,317	25 405,881	5,821	5,356
13	35	98 510	59 162,540	1 264 227,736	21,369	20,904	63	85	45 514	3 846,318	21 041,563	5,471	5,006
14	36	98 460	56 858,124	1 205 065,196	21,194	20,729	64	86	41 220	3 349,433	17 195,246	5,134	4,669
15	37	98 398	54 637,091	1 148 207,072	21,015	20,550	65	87	36 810	2 876,035	13 845,812	4,814	4,349
16	38	98 328	52 498,279	1 093 569,981	20,831	20,366	66	88	32 329	2 428,812	10 969,778	4,517	4,052
17	39	98 248	50 437,910	1 041 071,702	20,641	20,176	67	89	27 906	2 015,901	8 540,966	4,237	3,772
18	40	98 150	48 449,487	990 633,792	20,447	19,982	68	90	23 529	1 634,301	6 525,065	3,993	3,528
19	41	98 033	46 530,731	942 184,305	20,249	19,784	69	91	19 506	1 302,758	4 890,764	3,754	3,289
20	42	97 907	44 683,381	895 653,574	20,044	19,580	70	92	15 704	1 008,500	3 588,006	3,558	3,093
21	43	97 767	42 903,457	850 970,193	19,835	19,370	71	93	12 442	768,316	2 579,505	3,357	2,893
22	44	97 614	41 188,813	808 066,736	19,619	19,154	72	94	9 618	571,055	1 811,189	3,172	2,707
23	45	97 453	39 539,124	766 877,923	19,395	18,931	73	95	7 244	413,539	1 240,134	2,999	2,534
24	46	97 278	37 950,284	727 338,799	19,166	18,701	74	96	5 305	291,231	826,595	2,838	2,373
25	47	97 087	36 418,848	689 388,515	18,929	18,465	75	97	3 769	198,931	535,364	2,691	2,226
26	48	96 875	34 941,658	652 969,667	18,687	18,223	76	98	2 595	131,687	336,433	2,555	2,090
27	49	96 647	33 518,846	618 028,009	18,438	17,973	77	99	1 728	84,317	204,746	2,428	1,963
28	50	96 387	32 142,984	584 509,163	18,185	17,720	78	100	1 110	52,097	120,429	2,312	1,847
29	51	96 117	30 820,096	552 366,180	17,922	17,457							
30	52	95 819	29 542,758	521 546,083	17,654	17,189							
31	53	95 495	28 310,385	492 003,325	17,379	16,914							
32	54	95 140	27 120,310	463 692,941	17,098	16,633							
33	55	94 766	25 974,895	436 572,631	16,807	16,343							
34	56	94 358	24 868,369	410 597,736	16,511	16,046							
35	57	93 928	23 802,798	385 729,366	16,205	15,740							
36	58	93 474	22 776,687	361 926,568	15,890	15,425							
37	59	92 980	21 784,822	339 149,881	15,568	15,103							
38	60	92 453	20 828,250	317 365,059	15,237	14,772							
39	61	91 853	19 897,335	296 536,809	14,903	14,439							
40	62	91 221	19 000,270	276 639,473	14,560	14,095							
41	63	90 529	18 130,963	257 639,204	14,210	13,745							
42	64	89 796	17 292,438	239 508,240	13,850	13,386							
43	65	89 000	16 479,900	222 215,802	13,484	13,019							
44	66	88 147	15 694,266	205 735,901	13,109	12,644							
45	67	87 219	14 931,787	190 041,635	12,727	12,262							
46	68	86 231	14 194,859	175 109,849	12,336	11,871							
47	69	85 183	13 482,931	160 914,990	11,935	11,470							
48	70	84 035	12 789,629	147 432,059	11,527	11,063							
49	71	82 793	12 116,024	134 642,430	11,113	10,648							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	23	99 384	99 384,060	2 281 450,344	22,956	22,491	50	73	80 255	11 292,892	116 509,521	10,317	9,852
1	24	98 977	95 170,222	2 182 066,284	22,928	22,463	51	74	78 634	10 639,241	105 216,629	9,889	9,425
2	25	98 925	91 461,394	2 086 896,062	22,817	22,352	52	75	76 806	9 992,185	94 577,388	9,465	9,000
3	26	98 884	87 907,707	1 995 434,668	22,699	22,234	53	76	74 781	9 354,640	84 585,203	9,042	8,577
4	27	98 847	84 494,885	1 907 526,961	22,576	22,111	54	77	72 547	8 726,104	75 230,563	8,621	8,157
5	28	98 807	81 212,470	1 823 032,076	22,448	21,983	55	78	70 099	8 107,349	66 504,458	8,203	7,738
6	29	98 772	78 060,732	1 741 819,606	22,314	21,849	56	79	67 392	7 494,485	58 397,110	7,792	7,327
7	30	98 733	75 028,933	1 663 758,874	22,175	21,710	57	80	64 472	6 893,985	50 902,625	7,384	6,919
8	31	98 697	72 116,843	1 588 729,941	22,030	21,565	58	81	61 282	6 300,873	44 008,640	6,985	6,520
9	32	98 659	69 316,401	1 516 613,098	21,880	21,415	59	82	57 852	5 719,459	37 707,767	6,593	6,128
10	33	98 616	66 621,527	1 447 296,697	21,724	21,259	60	83	54 141	5 146,627	31 988,308	6,215	5,751
11	34	98 571	64 030,016	1 380 675,170	21,563	21,098	61	84	50 218	4 590,139	26 841,681	5,848	5,383
12	35	98 521	61 535,889	1 316 645,154	21,396	20,932	62	85	46 066	4 048,709	22 251,541	5,496	5,031
13	36	98 471	59 139,007	1 255 109,265	21,223	20,758	63	86	41 748	3 528,017	18 202,833	5,160	4,695
14	37	98 413	56 831,104	1 195 970,258	21,044	20,579	64	87	37 336	3 033,841	14 674,816	4,837	4,372
15	38	98 346	54 607,932	1 139 139,153	20,860	20,396	65	88	32 823	2 564,584	11 640,975	4,539	4,074
16	39	98 274	52 469,052	1 084 531,222	20,670	20,205	66	89	28 376	2 131,799	9 076,391	4,258	3,793
17	40	98 183	50 404,543	1 032 062,169	20,476	20,011	67	90	23 957	1 730,617	6 944,592	4,013	3,548
18	41	98 080	48 415,271	981 657,626	20,276	19,811	68	91	19 887	1 381,319	5 213,975	3,775	3,310
19	42	97 955	46 493,437	933 242,355	20,073	19,608	69	92	16 040	1 071,276	3 832,656	3,578	3,113
20	43	97 820	44 643,609	886 748,919	19,863	19,398	70	93	12 732	817,666	2 761,381	3,377	2,912
21	44	97 667	42 859,527	842 105,310	19,648	19,183	71	94	9 864	609,081	1 943,715	3,191	2,726
22	45	97 505	41 142,551	799 245,783	19,426	18,961	72	95	7 445	442,064	1 334,634	3,019	2,554
23	46	97 329	39 488,940	758 103,232	19,198	18,733	73	96	5 468	312,199	892,570	2,859	2,394
24	47	97 141	37 896,808	718 614,292	18,962	18,498	74	97	3 901	214,141	580,371	2,710	2,245
25	48	96 928	36 359,299	680 717,484	18,722	18,257	75	98	2 696	142,281	366,230	2,574	2,109
26	49	96 703	34 879,866	644 358,185	18,474	18,009	76	99	1 803	91,497	223,949	2,448	1,983
27	50	96 448	33 449,876	609 478,319	18,221	17,756	77	100	1 165	56,838	132,451	2,330	1,866
28	51	96 175	32 072,173	576 028,443	17,960	17,496							
29	52	95 882	30 744,686	543 956,271	17,693	17,228							
30	53	95 556	29 461,652	513 211,585	17,420	16,955							
31	54	95 208	28 225,268	483 749,932	17,139	16,674							
32	55	94 836	27 033,763	455 524,664	16,850	16,385							
33	56	94 431	25 882,861	428 490,901	16,555	16,090							
34	57	94 003	24 774,561	402 608,040	16,251	15,786							
35	58	93 553	23 707,669	377 833,479	15,937	15,472							
36	59	93 062	22 676,189	354 125,810	15,617	15,152							
37	60	92 541	21 681,954	331 449,621	15,287	14,822							
38	61	91 954	20 715,999	309 767,667	14,953	14,488							
39	62	91 326	19 782,991	289 051,668	14,611	14,146							
40	63	90 645	18 880,423	269 268,676	14,262	13,797							
41	64	89 919	18 008,799	250 388,254	13,904	13,439							
42	65	89 136	17 165,349	232 379,454	13,538	13,073							
43	66	88 305	16 351,195	215 214,105	13,162	12,697							
44	67	87 393	15 560,013	198 862,911	12,780	12,316							
45	68	86 423	14 795,425	183 302,897	12,389	11,924							
46	69	85 394	14 057,018	168 507,472	11,987	11,523							
47	70	84 278	13 339,721	154 450,454	11,578	11,113							
48	71	83 059	12 641,208	141 110,733	11,163	10,698							
49	72	81 727	11 960,003	128 469,524	10,742	10,277							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$
0	24	99 361	99 361,342	2 271 613,841	22,862	22,397	50	74	78 950	11 109,256	110 343,571	9,933	9,468
1	25	98 957	95 150,985	2 172 252,498	22,830	22,365	51	75	77 171	10 441,271	99 234,315	9,504	9,039
2	26	98 903	91 441,275	2 077 101,514	22,715	22,250	52	76	75 158	9 777,774	88 793,044	9,081	8,616
3	27	98 861	87 886,902	1 985 660,239	22,593	22,129	53	77	72 950	9 125,519	79 015,270	8,659	8,194
4	28	98 821	84 472,186	1 897 773,337	22,466	22,001	54	78	70 536	8 484,184	69 889,751	8,238	7,773
5	29	98 782	81 191,933	1 813 301,151	22,334	21,869	55	79	67 851	7 847,360	61 405,567	7,825	7,360
6	30	98 743	78 038,335	1 732 109,218	22,196	21,731	56	80	64 945	7 222,390	53 558,207	7,416	6,951
7	31	98 705	75 007,697	1 654 070,883	22,052	21,587	57	81	61 779	6 606,054	46 335,817	7,014	6,549
8	32	98 667	72 095,062	1 579 063,186	21,903	21,438	58	82	58 366	6 001,012	39 729,763	6,621	6,156
9	33	98 624	69 291,830	1 506 968,124	21,748	21,283	59	83	54 662	5 404,063	33 728,751	6,241	5,777
10	34	98 580	66 597,168	1 437 676,294	21,588	21,123	60	84	50 745	4 823,874	28 324,687	5,872	5,407
11	35	98 529	64 002,817	1 371 079,126	21,422	20,957	61	85	46 586	4 258,200	23 500,813	5,519	5,054
12	36	98 482	61 511,413	1 307 076,308	21,249	20,785	62	86	42 254	3 713,659	19 242,613	5,182	4,717
13	37	98 424	59 110,904	1 245 564,896	21,072	20,607	63	87	37 814	3 195,598	15 528,954	4,859	4,395
14	38	98 361	56 800,775	1 186 453,992	20,888	20,423	64	88	33 293	2 705,301	12 333,356	4,559	4,094
15	39	98 291	54 577,531	1 129 653,217	20,698	20,233	65	89	28 810	2 250,969	9 628,055	4,277	3,812
16	40	98 209	52 434,342	1 075 075,686	20,503	20,038	66	90	24 360	1 830,114	7 377,086	4,031	3,566
17	41	98 114	50 368,946	1 022 641,345	20,303	19,838	67	91	20 249	1 462,725	5 546,973	3,792	3,327
18	42	98 002	48 376,466	972 272,399	20,098	19,633	68	92	16 353	1 135,877	4 084,248	3,596	3,131
19	43	97 867	46 452,054	923 895,933	19,889	19,424	69	93	13 005	868,562	2 948,371	3,395	2,930
20	44	97 719	44 597,896	877 443,879	19,675	19,210	70	94	10 094	648,202	2 079,808	3,209	2,744
21	45	97 557	42 811,389	832 845,983	19,454	18,989	71	95	7 636	471,500	1 431,606	3,036	2,571
22	46	97 381	41 090,332	790 034,594	19,227	18,762	72	96	5 621	333,734	960,106	2,877	2,412
23	47	97 192	39 433,296	748 944,262	18,993	18,528	73	97	4 021	229,559	626,372	2,729	2,264
24	48	96 982	37 834,842	709 510,966	18,753	18,288	74	98	2 790	153,160	396,813	2,591	2,126
25	49	96 757	36 295,000	671 676,124	18,506	18,041	75	99	1 873	98,858	243,653	2,465	2,000
26	50	96 504	34 808,095	635 381,124	18,254	17,789	76	100	1 215	61,678	144,795	2,348	1,883
27	51	96 236	33 376,185	600 573,029	17,994	17,529							
28	52	95 940	31 993,699	567 196,843	17,728	17,264							
29	53	95 619	30 660,280	535 203,144	17,456	16,991							
30	54	95 269	29 373,075	504 542,864	17,177	16,712							
31	55	94 904	28 135,195	475 169,789	16,889	16,424							
32	56	94 500	26 937,978	447 034,594	16,595	16,130							
33	57	94 074	25 785,226	420 096,616	16,292	15,827							
34	58	93 627	24 675,548	394 311,390	15,980	15,515							
35	59	93 140	23 603,063	369 635,843	15,661	15,196							
36	60	92 622	22 569,112	346 032,779	15,332	14,867							
37	61	92 042	21 565,102	323 463,667	14,999	14,535							
38	62	91 426	20 596,951	301 898,565	14,657	14,193							
39	63	90 749	19 658,207	281 301,615	14,310	13,845							
40	64	90 035	18 753,209	261 643,408	13,952	13,487							
41	65	89 258	17 876,445	242 890,199	13,587	13,122							
42	66	88 440	17 031,290	225 013,753	13,212	12,747							
43	67	87 549	16 211,322	207 982,463	12,829	12,365							
44	68	86 595	15 417,915	191 771,141	12,438	11,973							
45	69	85 583	14 651,752	176 353,226	12,036	11,572							
46	70	84 487	13 907,711	161 701,474	11,627	11,162							
47	71	83 300	13 184,918	147 793,763	11,209	10,744							
48	72	81 990	12 478,425	134 608,846	10,787	10,323							
49	73	80 544	11 786,850	122 130,420	10,362	9,897							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	25	99 341	99 341,258	2 261 324,466	22,763	22,298	50	75	77 481	10 902,540	104 044,168	9,543	9,078
1	26	98 935	95 130,053	2 161 983,208	22,727	22,262	51	76	75 515	10 217,223	93 141,628	9,116	8,651
2	27	98 879	91 419,633	2 066 853,155	22,608	22,144	52	77	73 317	9 538,288	82 924,405	8,694	8,229
3	28	98 834	87 863,292	1 975 433,521	22,483	22,018	53	78	70 927	8 872,526	73 386,117	8,271	7,806
4	29	98 796	84 450,825	1 887 570,230	22,351	21,886	54	79	68 274	8 212,111	64 513,591	7,856	7,391
5	30	98 754	81 168,638	1 803 119,404	22,214	21,750	55	80	65 388	7 562,454	56 301,480	7,445	6,980
6	31	98 715	78 016,248	1 721 950,767	22,072	21,607	56	81	62 233	6 920,743	48 739,025	7,042	6,578
7	32	98 675	74 985,043	1 643 934,519	21,923	21,459	57	82	58 839	6 291,670	41 818,282	6,647	6,182
8	33	98 632	72 069,506	1 568 949,476	21,770	21,305	58	83	55 147	5 670,090	35 526,612	6,266	5,801
9	34	98 588	69 266,494	1 496 879,970	21,610	21,146	59	84	51 234	5 065,166	29 856,522	5,894	5,430
10	35	98 538	66 568,879	1 427 613,475	21,446	20,981	60	85	47 076	4 475,032	24 791,356	5,540	5,075
11	36	98 490	63 977,360	1 361 044,596	21,274	20,809	61	86	42 731	3 905,814	20 316,324	5,202	4,737
12	37	98 435	61 482,182	1 297 067,237	21,097	20,632	62	87	38 273	3 363,748	16 410,510	4,879	4,414
13	38	98 371	59 079,357	1 235 585,055	20,914	20,449	63	88	33 719	2 849,541	13 046,761	4,579	4,114
14	39	98 306	56 769,153	1 176 505,698	20,724	20,260	64	89	29 221	2 374,478	10 197,220	4,295	3,830
15	40	98 226	54 541,425	1 119 736,545	20,530	20,065	65	90	24 733	1 932,418	7 822,742	4,048	3,583
16	41	98 139	52 397,311	1 065 195,120	20,329	19,864	66	91	20 589	1 546,820	5 890,324	3,808	3,343
17	42	98 035	50 328,575	1 012 797,809	20,124	19,659	67	92	16 651	1 202,818	4 343,504	3,611	3,146
18	43	97 915	48 333,407	962 469,233	19,913	19,448	68	93	13 259	920,940	3 140,685	3,410	2,945
19	44	97 767	46 404,489	914 135,826	19,699	19,234	69	94	10 309	688,551	2 219,746	3,224	2,759
20	45	97 610	44 547,806	867 731,337	19,479	19,014	70	95	7 814	501,785	1 531,195	3,051	2,587
21	46	97 433	42 757,051	823 183,531	19,253	18,788	71	96	5 765	355,957	1 029,411	2,892	2,427
22	47	97 244	41 032,431	780 426,479	19,020	18,555	72	97	4 133	245,393	673,453	2,744	2,280
23	48	97 033	39 368,817	739 394,048	18,781	18,316	73	98	2 876	164,187	428,060	2,607	2,142
24	49	96 811	37 767,934	700 025,231	18,535	18,070	74	99	1 939	106,417	263,873	2,480	2,015
25	50	96 557	36 220,318	662 257,297	18,284	17,819	75	100	1 263	66,640	157,457	2,363	1,898
26	51	96 292	34 731,413	626 036,979	18,025	17,560							
27	52	96 000	33 294,521	591 305,566	17,760	17,295							
28	53	95 676	31 905,864	558 011,045	17,489	17,024							
29	54	95 331	30 568,099	526 105,181	17,211	16,746							
30	55	94 965	29 279,339	495 537,082	16,924	16,460							
31	56	94 568	28 035,507	466 257,743	16,631	16,166							
32	57	94 144	26 836,362	438 222,236	16,329	15,865							
33	58	93 698	25 682,174	411 385,873	16,018	15,554							
34	59	93 214	24 566,672	385 703,700	15,700	15,235							
35	60	92 700	23 491,609	361 137,028	15,373	14,908							
36	61	92 123	22 447,479	337 645,419	15,042	14,577							
37	62	91 513	21 441,174	315 197,940	14,701	14,236							
38	63	90 849	20 467,032	293 756,767	14,353	13,888							
39	64	90 138	19 525,753	273 289,734	13,996	13,532							
40	65	89 373	18 615,384	253 763,981	13,632	13,167							
41	66	88 561	17 736,833	235 148,597	13,258	12,793							
42	67	87 683	16 885,600	217 411,765	12,876	12,411							
43	68	86 750	16 063,275	200 526,165	12,484	12,019							
44	69	85 754	15 268,197	184 462,889	12,082	11,617							
45	70	84 674	14 496,128	169 194,692	11,672	11,207							
46	71	83 506	13 746,316	154 698,564	11,254	10,789							
47	72	82 227	13 015,133	140 952,248	10,830	10,365							
48	73	80 803	12 297,766	127 937,115	10,403	9,938							
49	74	79 234	11 595,182	115 639,349	9,973	9,508							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß 4,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	49	93 528	13 160,566	210 020,908	15,958	15,494
1	0	99 613	95 781,941	2 312 469,336	24,143	23,678	51	50	92 962	12 577,829	196 860,342	15,651	15,187
2	1	99 267	91 777,623	2 216 687,395	24,153	23,688	52	51	92 318	12 010,332	184 282,514	15,344	14,879
3	2	99 222	88 207,768	2 124 909,772	24,090	23,625	53	52	91 632	11 462,469	172 272,182	15,029	14,564
4	3	99 193	84 790,737	2 036 702,004	24,020	23,556	54	53	90 876	10 930,677	160 809,713	14,712	14,247
5	4	99 169	81 509,619	1 951 911,267	23,947	23,482	55	54	90 041	10 413,774	149 879,035	14,392	13,928
6	5	99 146	78 356,827	1 870 401,648	23,870	23,405	56	55	89 147	9 913,755	139 465,261	14,068	13,603
7	6	99 126	75 327,528	1 792 044,821	23,790	23,325	57	56	88 183	9 429,444	129 551,506	13,739	13,274
8	7	99 109	72 418,040	1 716 717,293	23,706	23,241	58	57	87 144	8 959,903	120 122,063	13,407	12,942
9	8	99 092	69 620,955	1 644 299,253	23,618	23,153	59	58	86 032	8 505,397	111 162,160	13,070	12,605
10	9	99 077	66 933,039	1 574 678,298	23,526	23,061	60	59	84 835	8 064,480	102 656,762	12,729	12,265
11	10	99 062	64 348,500	1 507 745,259	23,431	22,966	61	60	83 557	7 637,491	94 592,282	12,385	11,920
12	11	99 046	61 863,857	1 443 396,759	23,332	22,867	62	61	82 179	7 222,611	86 954,791	12,039	11,574
13	12	99 027	59 473,102	1 381 532,902	23,230	22,765	63	62	80 727	6 822,129	79 732,180	11,687	11,222
14	13	99 008	57 174,731	1 322 059,800	23,123	22,658	64	63	79 204	6 435,948	72 910,051	11,329	10,864
15	14	98 984	54 962,527	1 264 885,069	23,014	22,549	65	64	77 561	6 060,071	66 474,103	10,969	10,504
16	15	98 956	52 833,448	1 209 922,542	22,901	22,436	66	65	75 832	5 697,063	60 414,031	10,604	10,140
17	16	98 918	50 781,811	1 157 089,093	22,786	22,321	67	66	73 995	5 345,260	54 716,968	10,237	9,772
18	17	98 869	48 804,611	1 106 307,282	22,668	22,203	68	67	72 050	5 004,595	49 371,708	9,865	9,400
19	18	98 806	46 897,389	1 057 502,671	22,549	22,084	69	68	70 025	4 676,862	44 367,113	9,487	9,022
20	19	98 735	45 061,312	1 010 605,282	22,427	21,963	70	69	67 893	4 360,050	39 690,251	9,103	8,638
21	20	98 661	43 295,935	965 543,969	22,301	21,836	71	70	65 643	4 053,388	35 330,200	8,716	8,251
22	21	98 586	41 598,973	922 248,034	22,170	21,705	72	71	63 263	3 756,230	31 276,812	8,327	7,862
23	22	98 513	39 969,391	880 649,061	22,033	21,568	73	72	60 756	3 468,602	27 520,582	7,934	7,469
24	23	98 440	38 403,398	840 679,671	21,891	21,426	74	73	58 089	3 188,795	24 051,981	7,543	7,078
25	24	98 362	36 897,245	802 276,273	21,744	21,279	75	74	55 209	2 914,135	20 863,186	7,159	6,694
26	25	98 288	35 451,462	765 379,027	21,589	21,125	76	75	52 153	2 646,964	17 949,051	6,781	6,316
27	26	98 209	34 060,644	729 927,565	21,430	20,965	77	76	48 910	2 386,893	15 302,087	6,411	5,946
28	27	98 124	32 722,143	695 866,922	21,266	20,801	78	77	45 482	2 134,218	12 915,194	6,051	5,587
29	28	98 039	31 436,244	663 144,779	21,095	20,630	79	78	41 885	1 889,851	10 780,976	5,705	5,240
30	29	97 949	30 199,642	631 708,535	20,918	20,453	80	79	38 156	1 655,373	8 891,125	5,371	4,906
31	30	97 859	29 011,210	601 508,892	20,734	20,269	81	80	34 379	1 434,131	7 235,752	5,045	4,581
32	31	97 761	27 867,594	572 497,682	20,543	20,079	82	81	30 543	1 225,112	5 801,620	4,736	4,271
33	32	97 660	26 767,979	544 630,088	20,346	19,882	83	82	26 753	1 031,809	4 576,508	4,435	3,971
34	33	97 551	25 709,678	517 862,109	20,143	19,678	84	83	23 055	855,011	3 544,699	4,146	3,681
35	34	97 438	24 692,204	492 152,431	19,931	19,467	85	84	19 488	694,906	2 689,688	3,871	3,406
36	35	97 314	23 712,484	467 460,226	19,714	19,249	86	85	16 114	552,521	1 994,782	3,610	3,146
37	36	97 190	22 771,321	443 747,742	19,487	19,022	87	86	12 994	428,384	1 442,261	3,367	2,902
38	37	97 052	21 864,329	420 976,421	19,254	18,789	88	87	10 178	322,636	1 013,877	3,142	2,678
39	38	96 893	20 989,078	399 112,092	19,015	18,550	89	88	7 730	235,605	691,241	2,934	2,469
40	39	96 728	20 147,414	378 123,015	18,768	18,303	90	89	5 649	165,581	455,636	2,752	2,287
41	40	96 540	19 334,862	357 975,600	18,515	18,050	91	90	3 996	112,626	290,055	2,575	2,111
42	41	96 340	18 552,641	338 640,738	18,253	17,788	92	91	2 703	73,241	177,430	2,423	1,958
43	42	96 115	17 797,519	320 088,098	17,985	17,520	93	92	1 742	45,381	104,189	2,296	1,831
44	43	95 859	17 067,278	302 290,579	17,712	17,247	94	93	1 081	27,077	58,807	2,172	1,707
45	44	95 570	16 361,425	285 223,302	17,433	16,968	95	94	640	15,407	31,731	2,060	1,595
46	45	95 251	15 679,663	268 861,876	17,147	16,682	96	95	360	8,338	16,324	1,958	1,493
47	46	94 895	15 020,218	253 182,213	16,856	16,391	97	96	192	4,281	7,986	1,866	1,401
48	47	94 488	14 380,534	238 161,995	16,561	16,097	98	97	97	2,079	3,706	1,782	1,317
49	48	94 031	13 760,552	223 781,460	16,263	15,798	99	98	46	0,953	1,627	1,707	1,242
							100	99	21	0,411	0,674	1,638	1,173

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	48	93 694	13 183,881	211 737,873	16,060	15,596
1							51	49	93 154	12 603,763	198 553,992	15,754	15,289
2	0	99 581	92 067,884	2 219 162,598	24,104	23,639	52	50	92 522	12 036,849	185 950,229	15,448	14,984
3	1	99 248	88 231,058	2 127 094,714	24,108	23,643	53	51	91 856	11 490,584	173 913,380	15,135	14,670
4	2	99 208	84 803,367	2 038 863,656	24,042	23,577	54	52	91 126	10 960,769	162 422,796	14,819	14,354
5	3	99 180	81 518,728	1 954 060,288	23,971	23,506	55	53	90 313	10 445,178	151 462,027	14,501	14,036
6	4	99 158	78 366,167	1 872 541,561	23,895	23,430	56	54	89 432	9 945,493	141 016,850	14,179	13,714
7	5	99 136	75 335,142	1 794 175,394	23,816	23,351	57	55	88 497	9 462,973	131 071,356	13,851	13,386
8	6	99 118	72 424,348	1 718 840,252	23,733	23,268	58	56	87 474	8 993,829	121 608,384	13,521	13,056
9	7	99 101	69 626,931	1 646 415,904	23,646	23,181	59	57	86 378	8 539,526	112 614,554	13,187	12,723
10	8	99 085	66 937,968	1 576 788,973	23,556	23,091	60	58	85 211	8 100,221	104 075,028	12,848	12,384
11	9	99 068	64 352,939	1 509 851,005	23,462	22,997	61	59	83 954	7 673,726	95 974,807	12,507	12,042
12	10	99 053	61 868,248	1 445 498,066	23,364	22,899	62	60	82 624	7 261,747	88 301,081	12,160	11,695
13	11	99 035	59 477,859	1 383 629,817	23,263	22,798	63	61	81 194	6 861,560	81 039,333	11,811	11,346
14	12	99 016	57 179,334	1 324 151,959	23,158	22,693	64	62	79 707	6 476,802	74 177,773	11,453	10,988
15	13	98 993	54 967,451	1 266 972,625	23,050	22,585	65	63	78 087	6 101,180	67 700,971	11,096	10,632
16	14	98 967	52 839,175	1 212 005,174	22,938	22,473	66	64	76 393	5 739,243	61 599,791	10,733	10,268
17	15	98 930	50 788,200	1 159 165,999	22,824	22,359	67	65	74 577	5 387,334	55 860,547	10,369	9,904
18	16	98 884	48 812,122	1 108 377,799	22,707	22,242	68	66	72 672	5 047,775	50 473,213	9,999	9,534
19	17	98 822	46 904,916	1 059 565,677	22,590	22,125	69	67	70 671	4 719,966	45 425,438	9,624	9,159
20	18	98 757	45 071,607	1 012 660,761	22,468	22,003	70	68	68 559	4 402,804	40 705,472	9,245	8,781
21	19	98 682	43 304,879	967 589,153	22,344	21,879	71	69	66 347	4 096,903	36 302,668	8,861	8,396
22	20	98 608	41 608,209	924 284,274	22,214	21,749	72	70	64 006	3 800,332	32 205,764	8,474	8,010
23	21	98 534	39 977,758	882 676,065	22,079	21,614	73	71	61 548	3 513,850	28 405,432	8,084	7,619
24	22	98 462	38 412,015	842 698,307	21,938	21,474	74	72	58 942	3 235,639	24 891,582	7,693	7,228
25	23	98 385	36 905,681	804 286,292	21,793	21,328	75	73	56 122	2 962,306	21 655,943	7,311	6,846
26	24	98 308	35 458,629	767 380,611	21,642	21,177	76	74	53 142	2 697,151	18 693,637	6,931	6,466
27	25	98 231	34 068,138	731 921,981	21,484	21,019	77	75	49 983	2 439,234	15 996,486	6,558	6,093
28	26	98 147	32 729,889	697 853,844	21,322	20,857	78	76	46 624	2 187,804	13 557,252	6,197	5,732
29	27	98 065	31 444,692	665 123,955	21,152	20,687	79	77	43 080	1 943,739	11 369,449	5,849	5,384
30	28	97 974	30 207,281	633 679,263	20,978	20,513	80	78	39 420	1 710,217	9 425,710	5,511	5,047
31	29	97 887	29 019,536	603 471,982	20,795	20,331	81	79	35 674	1 488,160	7 715,493	5,185	4,720
32	30	97 789	27 875,484	574 452,445	20,608	20,143	82	80	31 874	1 278,510	6 227,332	4,871	4,406
33	31	97 689	26 776,066	546 576,961	20,413	19,948	83	81	28 089	1 083,367	4 948,822	4,568	4,103
34	32	97 585	25 718,795	519 800,895	20,211	19,746	84	82	24 401	904,912	3 865,456	4,272	3,807
35	33	97 473	24 701,236	494 082,100	20,002	19,538	85	83	20 792	741,401	2 960,544	3,993	3,528
36	34	97 356	23 722,561	469 380,864	19,786	19,321	86	84	17 371	595,592	2 219,143	3,726	3,261
37	35	97 229	22 780,382	445 658,303	19,563	19,098	87	85	14 166	467,033	1 623,552	3,476	3,011
38	36	97 098	21 874,724	422 877,922	19,332	18,867	88	86	11 236	356,198	1 156,519	3,247	2,782
39	37	96 945	21 000,285	401 003,197	19,095	18,630	89	87	8 668	264,218	800,320	3,029	2,564
40	38	96 782	20 158,637	380 002,912	18,851	18,386	90	88	6 437	188,650	536,103	2,842	2,377
41	39	96 604	19 347,661	359 844,276	18,599	18,134	91	89	4 655	131,191	347,453	2,648	2,184
42	40	96 408	18 565,752	340 496,614	18,340	17,875	92	90	3 198	86,654	216,262	2,496	2,031
43	41	96 193	17 811,795	321 930,862	18,074	17,609	93	91	2 118	55,188	129,607	2,348	1,884
44	42	95 944	17 082,483	304 119,067	17,803	17,338	94	92	1 333	33,396	74,419	2,228	1,764
45	43	95 668	16 378,196	287 036,585	17,526	17,061	95	93	807	19,434	41,023	2,111	1,646
46	44	95 358	15 697,294	270 658,389	17,242	16,778	96	94	465	10,771	21,589	2,004	1,540
47	45	95 016	15 039,307	254 961,095	16,953	16,488	97	95	255	5,670	10,818	1,908	1,443
48	46	94 621	14 400,827	239 921,788	16,660	16,195	98	96	132	2,828	5,148	1,821	1,356
49	47	94 185	13 783,089	225 520,962	16,362	15,897	99	97	65	1,332	2,320	1,742	1,277
							100	98	30	0,592	0,988	1,670	1,205

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	47	93 847	13 205,473	213 323,392	16,154	15,689
1							51	48	93 319	12 626,091	200 117,919	15,850	15,385
2							52	49	92 713	12 061,668	187 491,828	15,544	15,080
3	0	99 562	88 510,103	2 129 387,144	24,058	23,593	53	50	92 059	11 515,954	175 430,160	15,234	14,769
4	1	99 234	84 825,758	2 040 877,041	24,060	23,595	54	51	91 349	10 987,653	163 914,206	14,918	14,453
5	2	99 195	81 530,871	1 956 051,283	23,992	23,527	55	52	90 561	10 473,933	152 926,553	14,601	14,136
6	3	99 169	78 374,924	1 874 520,412	23,917	23,453	56	53	89 702	9 975,485	142 452,620	14,280	13,815
7	4	99 148	75 344,122	1 796 145,488	23,839	23,374	57	54	88 780	9 493,268	132 477,135	13,955	13,490
8	5	99 128	72 431,669	1 720 801,366	23,758	23,293	58	55	87 785	9 025,809	122 983,867	13,626	13,161
9	6	99 109	69 632,995	1 648 369,698	23,672	23,207	59	56	86 705	8 571,861	113 958,058	13,294	12,830
10	7	99 093	66 943,714	1 578 736,703	23,583	23,118	60	57	85 553	8 132,724	105 386,197	12,958	12,493
11	8	99 076	64 357,679	1 511 792,989	23,490	23,026	61	58	84 326	7 707,735	97 253,473	12,618	12,153
12	9	99 060	61 872,516	1 447 435,310	23,394	22,929	62	59	83 016	7 296,200	89 545,738	12,273	11,808
13	10	99 042	59 482,080	1 385 562,793	23,294	22,829	63	60	81 634	6 898,740	82 249,538	11,922	11,458
14	11	99 024	57 183,906	1 326 080,713	23,190	22,725	64	61	80 167	6 514,237	75 350,798	11,567	11,102
15	12	99 001	54 971,876	1 268 896,807	23,083	22,618	65	62	78 583	6 139,909	68 836,560	11,211	10,747
16	13	98 976	52 843,909	1 213 924,931	22,972	22,507	66	63	76 911	5 778,176	62 696,652	10,851	10,386
17	14	98 941	50 793,705	1 161 081,022	22,859	22,394	67	64	75 130	5 427,221	56 918,476	10,488	10,023
18	15	98 897	48 818,263	1 110 287,316	22,743	22,278	68	65	73 244	5 087,508	51 491,255	10,121	9,656
19	16	98 837	46 912,135	1 061 469,053	22,627	22,162	69	66	71 280	4 760,690	46 403,747	9,747	9,282
20	17	98 773	45 078,841	1 014 556,919	22,506	22,041	70	67	69 191	4 443,382	41 643,056	9,372	8,907
21	18	98 704	43 314,773	969 478,078	22,382	21,917	71	68	66 998	4 137,077	37 199,674	8,992	8,527
22	19	98 628	41 616,805	926 163,304	22,255	21,790	72	69	64 693	3 841,130	33 062,597	8,608	8,143
23	20	98 556	39 986,634	884 546,500	22,121	21,656	73	70	62 271	3 555,106	29 221,466	8,220	7,755
24	21	98 482	38 420,056	844 559,865	21,982	21,517	74	71	59 711	3 277,849	25 666,360	7,830	7,365
25	22	98 407	36 913,962	806 139,810	21,838	21,374	75	72	56 946	3 005,823	22 388,511	7,448	6,984
26	23	98 330	35 466,736	769 225,847	21,689	21,224	76	73	54 021	2 741,735	19 382,688	7,069	6,605
27	24	98 251	34 075,026	733 759,111	21,534	21,069	77	74	50 930	2 485,482	16 640,953	6,695	6,230
28	25	98 169	32 737,090	699 684,085	21,373	20,908	78	75	47 646	2 235,779	14 155,471	6,331	5,867
29	26	98 088	31 452,136	666 946,995	21,205	20,740	79	76	44 161	1 992,542	11 919,692	5,982	5,517
30	27	98 001	30 215,398	635 494,859	21,032	20,567	80	77	40 544	1 758,983	9 927,150	5,644	5,179
31	28	97 912	29 026,876	605 279,461	20,852	20,388	81	78	36 856	1 537,464	8 168,168	5,313	4,848
32	29	97 817	27 883,484	576 252,584	20,666	20,202	82	79	33 075	1 326,676	6 630,703	4,998	4,533
33	30	97 717	26 783,647	548 369,100	20,474	20,009	83	80	29 314	1 130,586	5 304,027	4,691	4,227
34	31	97 615	25 726,565	521 585,453	20,274	19,809	84	81	25 620	950,129	4 173,441	4,392	3,928
35	32	97 508	24 709,995	495 858,889	20,067	19,602	85	82	22 005	784,671	3 223,312	4,108	3,643
36	33	97 391	23 731,238	471 148,893	19,854	19,389	86	83	18 533	635,441	2 438,641	3,838	3,373
37	34	97 270	22 790,062	447 417,656	19,632	19,167	87	84	15 270	503,440	1 803,200	3,582	3,117
38	35	97 136	21 883,429	424 627,593	19,404	18,939	88	85	12 250	388,335	1 299,761	3,347	2,882
39	36	96 991	21 010,269	402 744,165	19,169	18,704	89	86	9 570	291,703	911,426	3,125	2,660
40	37	96 834	20 169,401	381 733,895	18,926	18,462	90	87	7 218	211,560	619,723	2,929	2,464
41	38	96 658	19 358,439	361 564,494	18,677	18,213	91	88	5 304	149,470	408,163	2,731	2,266
42	39	96 472	18 578,043	342 206,056	18,420	17,955	92	89	3 725	100,939	258,694	2,563	2,098
43	40	96 260	17 824,383	323 628,013	18,156	17,692	93	90	2 506	65,295	157,754	2,416	1,951
44	41	96 021	17 096,185	305 803,630	17,887	17,422	94	91	1 621	40,613	92,460	2,277	1,812
45	42	95 753	16 392,787	288 707,445	17,612	17,147	95	92	995	23,970	51,847	2,163	1,698
46	43	95 456	15 713,383	272 314,659	17,330	16,865	96	93	587	13,587	27,877	2,052	1,587
47	44	95 122	15 056,217	256 601,276	17,043	16,578	97	94	329	7,324	14,290	1,951	1,486
48	45	94 741	14 419,128	241 545,058	16,752	16,287	98	95	175	3,746	6,966	1,860	1,395
49	46	94 318	13 802,538	227 125,930	16,455	15,991	99	96	88	1,812	3,220	1,777	1,312
							100	97	42	0,827	1,408	1,702	1,237

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß 4,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	46	93 980	13 224,108	214 784,329	16,242	15,777
1							51	47	93 472	12 646,770	201 560,222	15,938	15,473
2							52	48	92 877	12 083,036	188 913,452	15,635	15,170
3							53	49	92 249	11 539,699	176 830,416	15,324	14,859
4	0	99 548	85 094,033	2 042 998,562	24,009	23,544	54	50	91 551	11 011,913	165 290,717	15,010	14,545
5	1	99 221	81 552,398	1 957 904,529	24,008	23,543	55	51	90 784	10 499,623	154 278,805	14,694	14,229
6	2	99 184	78 386,599	1 876 352,131	23,937	23,472	56	52	89 949	10 002,947	143 779,182	14,374	13,909
7	3	99 159	75 352,541	1 797 965,532	23,861	23,396	57	53	89 048	9 521,896	133 776,235	14,049	13,585
8	4	99 140	72 440,302	1 722 612,991	23,780	23,315	58	54	88 066	9 054,705	124 254,339	13,723	13,258
9	5	99 119	69 640,034	1 650 172,689	23,696	23,231	59	55	87 013	8 602,340	115 199,634	13,392	12,927
10	6	99 102	66 949,545	1 580 532,655	23,608	23,143	60	56	85 877	8 163,519	106 597,294	13,058	12,593
11	7	99 084	64 363,203	1 513 583,110	23,516	23,051	61	57	84 664	7 738,663	98 433,775	12,720	12,255
12	8	99 067	61 877,073	1 449 219,907	23,421	22,956	62	58	83 384	7 328,536	90 695,112	12,376	11,911
13	9	99 049	59 486,184	1 387 342,834	23,322	22,857	63	59	82 021	6 931,471	83 366,576	12,027	11,562
14	10	99 031	57 187,965	1 327 856,650	23,219	22,754	64	60	80 602	6 549,535	76 435,105	11,670	11,205
15	11	99 009	54 976,273	1 270 668,685	23,113	22,648	65	61	79 037	6 175,397	69 885,571	11,317	10,852
16	12	98 984	52 848,163	1 215 692,412	23,003	22,539	66	62	77 400	5 814,854	63 710,174	10,956	10,492
17	13	98 950	50 798,255	1 162 844,249	22,891	22,427	67	63	75 639	5 464,037	57 895,320	10,596	10,131
18	14	98 908	48 823,555	1 112 045,994	22,777	22,312	68	64	73 786	5 125,175	52 431,283	10,230	9,765
19	15	98 849	46 918,037	1 063 222,439	22,661	22,196	69	65	71 842	4 798,164	47 306,108	9,859	9,394
20	16	98 788	45 085,779	1 016 304,402	22,542	22,077	70	66	69 788	4 481,720	42 507,944	9,485	9,020
21	17	98 720	43 321,725	971 218,624	22,419	21,954	71	67	67 615	4 175,206	38 026,224	9,108	8,643
22	18	98 651	41 626,313	927 896,899	22,291	21,826	72	68	65 328	3 878,796	33 851,018	8,727	8,262
23	19	98 576	39 994,895	886 270,586	22,160	21,695	73	69	62 940	3 593,272	29 972,222	8,341	7,876
24	20	98 504	38 428,586	846 275,691	22,022	21,557	74	70	60 412	3 316,334	26 378,949	7,954	7,489
25	21	98 427	36 921,690	807 847,105	21,880	21,415	75	71	57 689	3 045,035	23 062,616	7,574	7,109
26	22	98 353	35 474,694	770 925,415	21,732	21,267	76	72	54 814	2 782,012	20 017,581	7,195	6,731
27	23	98 273	34 082,816	735 450,721	21,578	21,114	77	73	51 772	2 526,567	17 235,569	6,822	6,357
28	24	98 189	32 743,709	701 367,904	21,420	20,955	78	74	48 550	2 278,170	14 709,001	6,456	5,992
29	25	98 110	31 459,056	668 624,195	21,254	20,789	79	75	45 130	2 036,235	12 430,831	6,105	5,640
30	26	98 024	30 222,551	637 165,139	21,082	20,618	80	76	41 562	1 803,147	10 394,596	5,765	5,300
31	27	97 938	29 034,677	606 942,588	20,904	20,439	81	77	37 907	1 581,304	8 591,449	5,433	4,968
32	28	97 842	27 890,537	577 907,911	20,721	20,256	82	78	34 171	1 370,630	7 010,146	5,115	4,650
33	29	97 745	26 791,334	550 017,374	20,530	20,065	83	79	30 418	1 173,180	5 639,515	4,807	4,342
34	30	97 642	25 733,848	523 226,041	20,332	19,867	84	80	26 737	991,541	4 466,336	4,504	4,040
35	31	97 537	24 717,460	497 492,192	20,127	19,662	85	81	23 105	823,879	3 474,795	4,218	3,753
36	32	97 426	23 739,653	472 774,732	19,915	19,450	86	82	19 614	672,527	2 650,915	3,942	3,477
37	33	97 306	22 798,398	449 035,079	19,696	19,231	87	83	16 292	537,123	1 978,388	3,683	3,218
38	34	97 178	21 892,728	426 236,681	19,469	19,005	88	84	13 205	418,607	1 441,265	3,443	2,978
39	35	97 030	21 018,630	404 343,953	19,237	18,773	89	85	10 433	318,020	1 022,658	3,216	2,751
40	36	96 880	20 178,990	383 325,323	18,996	18,531	90	86	7 969	233,568	704,638	3,017	2,552
41	37	96 709	19 368,775	363 146,333	18,749	18,284	91	87	5 948	167,622	471,070	2,810	2,346
42	38	96 525	18 588,391	343 777,558	18,494	18,029	92	88	4 244	115,002	303,449	2,639	2,174
43	39	96 324	17 836,182	325 189,166	18,232	17,767	93	89	2 919	76,058	188,446	2,478	2,013
44	40	96 089	17 108,267	307 352,984	17,965	17,500	94	90	1 918	48,051	112,388	2,339	1,874
45	41	95 830	16 405,936	290 244,717	17,691	17,227	95	91	1 210	29,150	64,337	2,207	1,742
46	42	95 541	15 727,382	273 838,781	17,412	16,947	96	92	723	16,758	35,188	2,100	1,635
47	43	95 220	15 071,650	258 111,399	17,126	16,661	97	93	415	9,239	18,430	1,995	1,530
48	44	94 848	14 435,341	243 039,749	16,836	16,372	98	94	226	4,838	9,191	1,900	1,435
49	45	94 437	13 820,079	228 604,408	16,541	16,077	99	95	117	2,400	4,352	1,813	1,348
							100	96	57	1,125	1,952	1,735	1,270

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$
0							50	45	94 099	13 240,913	216 128,553	16,323	15,858
1							51	46	93 604	12 664,616	202 887,639	16,020	15,555
2							52	47	93 029	12 102,825	190 223,023	15,717	15,252
3							53	48	92 412	11 560,142	178 120,198	15,408	14,943
4							54	49	91 740	11 034,618	166 560,056	15,094	14,629
5	0	99 535	81 810,320	1 959 866,665	23,956	23,491	55	50	90 984	10 522,805	155 525,438	14,780	14,315
6	1	99 210	78 407,295	1 878 056,345	23,953	23,488	56	51	90 169	10 027,482	145 002,633	14,461	13,996
7	2	99 174	75 363,766	1 799 649,050	23,879	23,415	57	52	89 293	9 548,109	134 975,151	14,136	13,672
8	3	99 151	72 448,397	1 724 285,284	23,800	23,335	58	53	88 332	9 082,010	125 427,043	13,810	13,346
9	4	99 131	69 648,335	1 651 836,887	23,717	23,252	59	54	87 291	8 629,880	116 345,032	13,482	13,017
10	5	99 112	66 956,312	1 582 188,552	23,630	23,165	60	55	86 183	8 192,546	107 715,152	13,148	12,683
11	6	99 093	64 368,809	1 515 232,240	23,540	23,075	61	56	84 985	7 767,966	99 522,606	12,812	12,347
12	7	99 076	61 882,384	1 450 863,431	23,445	22,981	62	57	83 719	7 357,943	91 754,640	12,470	12,005
13	8	99 056	59 490,565	1 388 981,046	23,348	22,883	63	58	82 385	6 962,190	84 396,698	12,122	11,657
14	9	99 038	57 191,910	1 329 490,482	23,246	22,781	64	59	80 984	6 580,609	77 434,508	11,767	11,302
15	10	99 016	54 980,175	1 272 298,571	23,141	22,676	65	60	79 466	6 208,859	70 853,899	11,412	10,947
16	11	98 992	52 852,390	1 217 318,397	23,032	22,568	66	61	77 847	5 848,463	64 645,041	11,053	10,589
17	12	98 958	50 802,345	1 164 466,007	22,922	22,457	67	62	76 119	5 498,721	58 796,577	10,693	10,228
18	13	98 916	48 827,929	1 113 663,662	22,808	22,343	68	63	74 287	5 159,942	53 297,856	10,329	9,864
19	14	98 860	46 923,123	1 064 835,733	22,693	22,228	69	64	72 373	4 833,688	48 137,914	9,959	9,494
20	15	98 801	45 091,451	1 017 912,611	22,574	22,110	70	65	70 337	4 516,997	43 304,226	9,587	9,122
21	16	98 735	43 328,392	972 821,160	22,452	21,987	71	66	68 199	4 211,230	38 787,228	9,210	8,746
22	17	98 667	41 632,994	929 492,768	22,326	21,861	72	67	65 930	3 914,545	34 575,998	8,833	8,368
23	18	98 599	40 004,032	887 859,774	22,194	21,729	73	68	63 557	3 628,507	30 661,453	8,450	7,985
24	19	98 525	38 436,525	847 855,742	22,059	21,594	74	69	61 061	3 351,937	27 032,946	8,065	7,600
25	20	98 449	36 929,888	809 419,217	21,918	21,453	75	70	58 366	3 080,786	23 681,010	7,687	7,222
26	21	98 373	35 482,120	772 489,329	21,771	21,306	76	71	55 529	2 818,304	20 600,223	7,309	6,845
27	22	98 295	34 090,464	737 007,209	21,619	21,154	77	72	52 533	2 563,684	17 781,919	6,936	6,471
28	23	98 211	32 751,195	702 916,745	21,462	20,998	78	73	49 352	2 315,828	15 218,235	6,571	6,107
29	24	98 130	31 465,416	670 165,549	21,298	20,834	79	74	45 985	2 074,843	12 902,407	6,218	5,754
30	25	98 045	30 229,201	638 700,133	21,129	20,664	80	75	42 474	1 842,687	10 827,564	5,876	5,411
31	26	97 961	29 041,550	608 470,932	20,952	20,487	81	76	38 858	1 621,007	8 984,877	5,543	5,078
32	27	97 868	27 898,032	579 429,383	20,770	20,305	82	77	35 145	1 409,713	7 363,871	5,224	4,759
33	28	97 770	26 798,110	551 531,351	20,581	20,116	83	78	31 426	1 212,048	5 954,158	4,912	4,448
34	29	97 670	25 741,234	524 733,241	20,385	19,920	84	79	27 744	1 028,896	4 742,110	4,609	4,144
35	30	97 565	24 724,458	498 992,007	20,182	19,717	85	80	24 112	859,789	3 713,214	4,319	3,854
36	31	97 455	23 746,825	474 267,548	19,972	19,507	86	81	20 595	706,132	2 853,425	4,041	3,576
37	32	97 340	22 806,483	450 520,724	19,754	19,289	87	82	17 243	568,471	2 147,293	3,777	3,312
38	33	97 213	21 900,736	427 714,241	19,530	19,065	88	83	14 089	446,614	1 578,821	3,535	3,070
39	34	97 071	21 027,562	405 813,505	19,299	18,834	89	84	11 247	342,811	1 132,207	3,303	2,838
40	35	96 918	20 187,020	384 785,943	19,061	18,596	90	85	8 688	254,640	789,396	3,100	2,635
41	36	96 755	19 377,984	364 598,924	18,815	18,350	91	86	6 567	185,058	534,756	2,890	2,425
42	37	96 577	18 598,317	345 220,940	18,562	18,097	92	87	4 759	128,969	349,698	2,711	2,247
43	38	96 378	17 846,117	326 622,623	18,302	17,837	93	88	3 326	86,655	220,729	2,547	2,082
44	39	96 152	17 119,593	308 776,506	18,036	17,572	94	89	2 234	55,972	134,074	2,395	1,931
45	40	95 898	16 417,530	291 656,913	17,765	17,300	95	90	1 432	34,488	78,102	2,265	1,800
46	41	95 618	15 739,997	275 239,382	17,487	17,022	96	91	880	20,379	43,614	2,140	1,675
47	42	95 305	15 085,077	259 499,385	17,202	16,738	97	92	512	11,396	23,235	2,039	1,574
48	43	94 945	14 450,137	244 414,308	16,914	16,450	98	93	285	6,103	11,840	1,940	1,475
49	44	94 544	13 835,618	229 964,171	16,621	16,156	99	94	151	3,101	5,736	1,850	1,385
							100	95	75	1,490	2,636	1,769	1,304

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	44	94 205	13 255,802	217 363,601	16,398	15,933
1							51	45	93 723	12 680,711	204 107,799	16,096	15,631
2							52	46	93 161	12 119,903	191 427,088	15,794	15,330
3							53	47	92 564	11 579,075	179 307,185	15,485	15,021
4							54	48	91 902	11 054,166	167 728,109	15,173	14,708
5							55	49	91 172	10 544,502	156 673,943	14,858	14,394
6	0	99 524	78 655,271	1 879 870,242	23,900	23,435	56	50	90 368	10 049,621	146 129,442	14,541	14,076
7	1	99 200	75 383,665	1 801 214,971	23,894	23,429	57	51	89 512	9 571,528	136 079,820	14,217	13,752
8	2	99 165	72 459,189	1 725 831,307	23,818	23,353	58	52	88 575	9 107,012	126 508,292	13,891	13,426
9	3	99 142	69 656,117	1 653 372,118	23,736	23,271	59	53	87 555	8 655,905	117 401,279	13,563	13,098
10	4	99 124	66 964,293	1 583 716,000	23,650	23,185	60	54	86 458	8 218,774	108 745,375	13,231	12,767
11	5	99 103	64 375,316	1 516 751,707	23,561	23,096	61	55	85 287	7 795,587	100 526,601	12,895	12,431
12	6	99 084	61 887,774	1 452 376,391	23,468	23,003	62	56	84 036	7 385,803	92 731,014	12,555	12,090
13	7	99 065	59 495,671	1 390 488,617	23,371	22,906	63	57	82 715	6 990,126	85 345,211	12,209	11,745
14	8	99 045	57 196,123	1 330 992,946	23,271	22,806	64	58	81 343	6 609,773	78 355,084	11,854	11,390
15	9	99 023	54 983,968	1 273 796,824	23,167	22,702	65	59	79 843	6 238,316	71 745,311	11,501	11,036
16	10	98 999	52 856,141	1 218 812,856	23,059	22,594	66	60	78 269	5 880,154	65 506,995	11,140	10,676
17	11	98 966	50 806,408	1 165 956,715	22,949	22,484	67	61	76 559	5 530,503	59 626,841	10,781	10,317
18	12	98 924	48 831,860	1 115 150,307	22,837	22,372	68	62	74 758	5 192,036	54 096,338	10,418	9,953
19	13	98 869	46 927,326	1 066 318,448	22,723	22,258	69	63	72 864	4 866,478	48 903,643	10,049	9,584
20	14	98 812	45 096,338	1 019 391,121	22,605	22,140	70	64	70 858	4 550,440	44 037,165	9,678	9,213
21	15	98 748	43 333,843	974 294,783	22,483	22,019	71	65	68 736	4 244,378	39 486,724	9,303	8,838
22	16	98 682	41 639,401	930 960,940	22,358	21,893	72	66	66 499	3 948,320	35 242,346	8,926	8,461
23	17	98 614	40 010,453	889 321,539	22,227	21,762	73	67	64 143	3 661,949	31 294,026	8,546	8,081
24	18	98 547	38 445,306	849 311,086	22,091	21,627	74	68	61 660	3 384,805	27 632,077	8,164	7,699
25	19	98 469	36 937,517	810 865,780	21,952	21,488	75	69	58 993	3 113,860	24 247,272	7,787	7,322
26	20	98 395	35 489,999	773 928,263	21,807	21,342	76	70	56 181	2 851,394	21 133,411	7,412	6,947
27	21	98 316	34 097,600	738 438,264	21,657	21,192	77	71	53 218	2 597,127	18 282,018	7,039	6,575
28	22	98 233	32 758,544	704 340,664	21,501	21,036	78	72	50 077	2 349,848	15 684,890	6,675	6,210
29	23	98 152	31 472,610	671 582,120	21,339	20,874	79	73	46 745	2 109,140	13 335,042	6,323	5,858
30	24	98 065	30 235,312	640 109,509	21,171	20,706	80	74	43 279	1 877,625	11 225,902	5,979	5,514
31	25	97 983	29 047,940	609 874,197	20,995	20,531	81	75	39 711	1 656,553	9 348,277	5,643	5,178
32	26	97 891	27 904,636	580 826,257	20,815	20,350	82	76	36 027	1 445,107	7 691,724	5,323	4,858
33	27	97 796	26 805,311	552 921,621	20,627	20,162	83	77	32 322	1 246,608	6 246,616	5,011	4,546
34	28	97 695	25 747,745	526 116,310	20,433	19,969	84	78	28 663	1 062,984	5 000,008	4,704	4,239
35	29	97 593	24 731,554	500 368,565	20,232	19,767	85	79	25 020	892,180	3 937,024	4,413	3,948
36	30	97 483	23 753,548	475 637,011	20,024	19,559	86	80	21 492	736,910	3 044,843	4,132	3,667
37	31	97 370	22 813,373	451 883,463	19,808	19,343	87	81	18 104	596,877	2 307,934	3,867	3,402
38	32	97 248	21 908,502	429 070,090	19,585	19,120	88	82	14 911	472,680	1 711,057	3,620	3,155
39	33	97 106	21 035,253	407 161,588	19,356	18,891	89	83	11 999	365,747	1 238,377	3,386	2,921
40	34	96 959	20 195,598	386 126,336	19,119	18,655	90	84	9 365	274,490	872,629	3,179	2,714
41	35	96 794	19 385,695	365 930,737	18,876	18,412	91	85	7 159	201,754	598,139	2,965	2,500
42	36	96 623	18 607,159	346 545,042	18,624	18,159	92	86	5 254	142,384	396,385	2,784	2,319
43	37	96 429	17 855,647	327 937,883	18,366	17,901	93	87	3 730	97,179	254,000	2,614	2,149
44	38	96 206	17 129,129	310 082,237	18,103	17,638	94	88	2 545	63,770	156,821	2,459	1,994
45	39	95 961	16 428,399	292 953,108	17,832	17,367	95	89	1 668	40,173	93,051	2,316	1,851
46	40	95 685	15 751,121	276 524,709	17,556	17,091	96	90	1 041	24,111	52,878	2,193	1,728
47	41	95 381	15 097,177	260 773,588	17,273	16,808	97	91	622	13,858	28,767	2,076	1,611
48	42	95 030	14 463,010	245 676,411	16,987	16,522	98	92	352	7,528	14,909	1,981	1,516
49	43	94 641	13 849,800	231 213,400	16,694	16,230	99	93	190	3,911	7,381	1,887	1,422
							100	94	97	1,925	3,470	1,802	1,338

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	43	94 301	13 269,389	218 497,321	16,466	16,001
1							51	44	93 828	12 694,969	205 227,932	16,166	15,701
2							52	45	93 279	12 135,306	192 532,963	15,866	15,401
3							53	46	92 694	11 595,414	180 397,657	15,558	15,093
4							54	47	92 053	11 072,271	168 802,243	15,245	14,781
5							55	48	91 333	10 563,182	157 729,972	14,932	14,467
6							56	49	90 555	10 070,343	147 166,790	14,614	14,149
7	0	99 513	75 622,077	1 802 891,317	23,841	23,376	57	50	89 710	9 592,661	137 096,448	14,292	13,827
8	1	99 192	72 478,321	1 727 269,240	23,832	23,367	58	51	88 792	9 129,350	127 503,787	13,966	13,502
9	2	99 157	69 666,494	1 654 790,919	23,753	23,288	59	52	87 796	8 679,734	118 374,437	13,638	13,173
10	3	99 135	66 971,776	1 585 124,425	23,669	23,204	60	53	86 719	8 243,559	109 694,703	13,307	12,842
11	4	99 115	64 382,989	1 518 152,649	23,580	23,115	61	54	85 560	7 820,544	101 451,144	12,972	12,508
12	5	99 094	61 894,030	1 453 769,660	23,488	23,023	62	55	84 335	7 412,065	93 630,600	12,632	12,167
13	6	99 073	59 500,853	1 391 875,630	23,393	22,928	63	56	83 028	7 016,594	86 218,535	12,288	11,823
14	7	99 054	57 201,032	1 332 374,777	23,293	22,828	64	57	81 669	6 636,295	79 201,940	11,935	11,470
15	8	99 030	54 988,017	1 275 173,745	23,190	22,725	65	58	80 196	6 265,963	72 565,645	11,581	11,116
16	9	99 005	52 859,787	1 220 185,728	23,083	22,619	66	59	78 640	5 908,052	66 299,682	11,222	10,757
17	10	98 973	50 810,014	1 167 325,941	22,974	22,510	67	60	76 974	5 560,471	60 391,630	10,861	10,396
18	11	98 932	48 835,765	1 116 515,927	22,863	22,398	68	61	75 190	5 222,709	54 831,159	10,499	10,034
19	12	98 877	46 931,104	1 067 680,162	22,750	22,285	69	62	73 327	4 897,369	49 608,450	10,130	9,665
20	13	98 820	45 100,378	1 020 749,058	22,633	22,168	70	63	71 338	4 581,309	44 711,081	9,759	9,295
21	14	98 758	43 338,540	975 648,680	22,512	22,047	71	64	69 244	4 275,803	40 129,773	9,385	8,920
22	15	98 694	41 644,639	932 310,139	22,387	21,922	72	65	67 022	3 979,398	35 853,970	9,010	8,545
23	16	98 630	40 016,610	890 665,500	22,257	21,793	73	66	64 696	3 693,545	31 874,572	8,630	8,165
24	17	98 563	38 451,477	850 648,889	22,123	21,658	74	67	62 228	3 416,001	28 181,027	8,250	7,785
25	18	98 492	36 945,956	812 197,413	21,983	21,519	75	68	59 571	3 144,394	24 765,026	7,876	7,411
26	19	98 415	35 497,330	775 251,457	21,840	21,375	76	69	56 784	2 882,005	21 620,631	7,502	7,037
27	20	98 338	34 105,171	739 754,127	21,690	21,226	77	70	53 843	2 627,620	18 738,626	7,131	6,667
28	21	98 254	32 765,402	705 648,955	21,536	21,072	78	71	50 730	2 380,503	16 111,006	6,768	6,303
29	22	98 174	31 479,672	672 883,554	21,375	20,910	79	72	47 432	2 140,124	13 730,503	6,416	5,951
30	23	98 088	30 242,225	641 403,882	21,209	20,744	80	73	43 994	1 908,662	11 590,379	6,073	5,608
31	24	98 002	29 053,813	611 161,656	21,036	20,571	81	74	40 463	1 687,962	9 681,717	5,736	5,271
32	25	97 913	27 910,776	582 107,844	20,856	20,391	82	75	36 818	1 476,796	7 993,755	5,413	4,948
33	26	97 819	26 811,657	554 197,068	20,670	20,205	83	76	33 133	1 277,908	6 516,959	5,100	4,635
34	27	97 721	25 754,664	527 385,411	20,477	20,012	84	77	29 481	1 093,295	5 239,051	4,792	4,327
35	28	97 618	24 737,810	501 630,747	20,278	19,813	85	78	25 849	921,739	4 145,756	4,498	4,033
36	29	97 511	23 760,365	476 892,938	20,071	19,606	86	79	22 302	764,672	3 224,017	4,216	3,751
37	30	97 397	22 819,831	453 132,572	19,857	19,392	87	80	18 894	622,892	2 459,346	3,948	3,483
38	31	97 277	21 915,121	430 312,741	19,635	19,171	88	81	15 656	496,299	1 836,453	3,700	3,235
39	32	97 141	21 042,712	408 397,620	19,408	18,943	89	82	12 699	387,093	1 340,154	3,462	2,997
40	33	96 995	20 202,985	387 354,908	19,173	18,708	90	83	9 992	292,856	953,061	3,254	2,790
41	34	96 835	19 393,933	367 151,923	18,931	18,466	91	84	7 717	217,482	660,205	3,036	2,571
42	35	96 661	18 614,563	347 757,990	18,682	18,217	92	85	5 729	155,231	442,723	2,852	2,387
43	36	96 475	17 864,136	329 143,427	18,425	17,960	93	86	4 118	107,288	287,493	2,680	2,215
44	37	96 257	17 138,275	311 279,291	18,163	17,698	94	87	2 854	71,514	180,205	2,520	2,055
45	38	96 015	16 437,550	294 141,016	17,894	17,430	95	88	1 900	45,771	108,691	2,375	1,910
46	39	95 749	15 761,548	277 703,466	17,619	17,154	96	89	1 212	28,085	62,920	2,240	1,776
47	40	95 449	15 107,847	261 941,918	17,338	16,873	97	90	736	16,396	34,835	2,125	1,660
48	41	95 106	14 474,612	246 834,071	17,053	16,588	98	91	427	9,154	18,439	2,014	1,549
49	42	94 725	13 862,138	232 359,459	16,762	16,297	99	92	234	4,824	9,284	1,925	1,460
							100	93	123	2,428	4,460	1,837	1,372

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	42	94 385	13 281,210	219 536,708	16,530	16,065
1							51	43	93 924	12 707,982	206 255,498	16,230	15,766
2							52	44	93 384	12 148,951	193 547,516	15,931	15,466
3							53	45	92 812	11 610,150	181 398,565	15,624	15,159
4							54	46	92 183	11 087,895	169 788,415	15,313	14,848
5							55	47	91 483	10 580,482	158 700,520	14,999	14,535
6							56	48	90 715	10 088,183	148 120,038	14,683	14,218
7							57	49	89 895	9 612,440	138 031,855	14,360	13,895
8	0	99 505	72 707,545	1 728 818,225	23,778	23,313	58	50	88 988	9 149,506	128 419,415	14,036	13,571
9	1	99 183	69 684,888	1 656 110,680	23,766	23,301	59	51	88 011	8 701,023	119 269,909	13,708	13,243
10	2	99 149	66 981,752	1 586 425,792	23,684	23,220	60	52	86 958	8 266,253	110 568,885	13,376	12,911
11	3	99 126	64 390,183	1 519 444,039	23,597	23,133	61	53	85 818	7 844,128	102 302,633	13,042	12,577
12	4	99 106	61 901,408	1 455 053,856	23,506	23,041	62	54	84 605	7 435,795	94 458,505	12,703	12,238
13	5	99 083	59 506,868	1 393 152,448	23,412	22,947	63	55	83 324	7 041,544	87 022,710	12,358	11,894
14	6	99 062	57 206,014	1 333 645,581	23,313	22,848	64	56	81 979	6 661,424	79 981,167	12,007	11,542
15	7	99 039	54 992,737	1 276 439,567	23,211	22,746	65	57	80 518	6 291,106	73 319,743	11,655	11,190
16	8	99 013	52 863,681	1 221 446,830	23,106	22,641	66	58	78 989	5 934,235	67 028,637	11,295	10,830
17	9	98 980	50 813,519	1 168 583,149	22,997	22,533	67	59	77 339	5 586,852	61 094,401	10,935	10,471
18	10	98 939	48 839,231	1 117 769,630	22,887	22,422	68	60	75 598	5 251,009	55 507,549	10,571	10,106
19	11	98 885	46 934,857	1 068 930,399	22,775	22,310	69	61	73 751	4 925,675	50 256,541	10,203	9,738
20	12	98 828	45 104,009	1 021 995,542	22,659	22,194	70	62	71 791	4 610,389	45 330,866	9,832	9,368
21	13	98 767	43 342,423	976 891,532	22,539	22,074	71	63	69 714	4 304,808	40 720,476	9,459	8,994
22	14	98 705	41 649,154	933 549,110	22,415	21,950	72	64	67 518	4 008,861	36 415,668	9,084	8,619
23	15	98 642	40 021,645	891 899,956	22,285	21,821	73	65	65 205	3 722,618	32 406,807	8,705	8,241
24	16	98 578	38 457,394	851 878,311	22,151	21,686	74	66	62 765	3 445,475	28 684,189	8,325	7,860
25	17	98 508	36 951,885	813 420,917	22,013	21,548	75	67	60 120	3 173,375	25 238,715	7,953	7,488
26	18	98 438	35 505,440	776 469,032	21,869	21,404	76	68	57 341	2 910,265	22 065,340	7,582	7,117
27	19	98 358	34 112,217	740 963,591	21,721	21,257	77	69	54 421	2 655,829	19 155,075	7,212	6,748
28	20	98 276	32 772,677	706 851,375	21,568	21,103	78	70	51 326	2 408,452	16 499,245	6,851	6,386
29	21	98 195	31 486,262	674 078,698	21,409	20,944	79	71	48 051	2 168,043	14 090,793	6,499	6,034
30	22	98 110	30 249,011	642 592,436	21,243	20,779	80	72	44 641	1 936,701	11 922,751	6,156	5,691
31	23	98 025	29 060,455	612 343,425	21,071	20,607	81	73	41 132	1 715,864	9 986,050	5,820	5,355
32	24	97 932	27 916,419	583 282,970	20,894	20,429	82	74	37 516	1 504,797	8 270,186	5,496	5,031
33	25	97 841	26 817,556	555 366,551	20,709	20,244	83	75	33 860	1 305,931	6 765,389	5,181	4,716
34	26	97 744	25 760,760	528 548,995	20,518	20,053	84	76	30 221	1 120,745	5 459,458	4,871	4,406
35	27	97 644	24 744,457	502 788,234	20,319	19,854	85	77	26 586	948,022	4 338,714	4,577	4,112
36	28	97 536	23 766,375	478 043,777	20,114	19,649	86	78	23 041	790,006	3 390,692	4,292	3,827
37	29	97 425	22 826,381	454 277,402	19,901	19,437	87	79	19 605	646,359	2 600,686	4,024	3,559
38	30	97 305	21 921,325	431 451,021	19,682	19,217	88	80	16 338	517,931	1 954,327	3,773	3,309
39	31	97 170	21 049,069	409 529,696	19,456	18,991	89	81	13 334	406,436	1 436,396	3,534	3,069
40	32	97 029	20 210,149	388 480,627	19,222	18,757	90	82	10 575	309,947	1 029,960	3,323	2,858
41	33	96 871	19 401,027	368 270,477	18,982	18,517	91	83	8 233	232,033	720,013	3,103	2,638
42	34	96 702	18 622,474	348 869,451	18,734	18,269	92	84	6 175	167,331	487,980	2,916	2,451
43	35	96 514	17 871,244	330 246,977	18,479	18,014	93	85	4 489	116,968	320,649	2,741	2,277
44	36	96 303	17 146,424	312 375,733	18,218	17,753	94	86	3 151	78,953	203,681	2,580	2,115
45	37	96 066	16 446,327	295 229,310	17,951	17,486	95	87	2 131	51,329	124,728	2,430	1,965
46	38	95 802	15 770,328	278 782,983	17,678	17,213	96	88	1 381	31,998	73,399	2,294	1,829
47	39	95 512	15 117,848	263 012,655	17,397	16,933	97	89	858	19,099	41,401	2,168	1,703
48	40	95 173	14 484,841	247 894,807	17,114	16,649	98	90	506	10,831	22,302	2,059	1,594
49	41	94 801	13 873,258	233 409,966	16,824	16,360	99	91	285	5,867	11,471	1,955	1,490
							100	92	151	2,995	5,604	1,871	1,406

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	41	94 461	13 291,863	220 488,942	16,588	16,123
1							51	42	94 008	12 719,303	207 197,079	16,290	15,825
2							52	43	93 480	12 161,404	194 477,776	15,991	15,527
3							53	44	92 917	11 623,205	182 316,372	15,686	15,221
4							54	45	92 300	11 101,986	170 693,167	15,375	14,910
5							55	46	91 612	10 595,412	159 591,181	15,062	14,597
6							56	47	90 864	10 104,705	148 995,769	14,745	14,280
7							57	48	90 054	9 629,469	138 891,064	14,424	13,959
8							58	49	89 171	9 168,372	129 261,595	14,099	13,634
9	0	99 497	69 905,277	1 657 541,950	23,711	23,246	59	50	88 205	8 720,234	120 093,223	13,772	13,307
10	1	99 176	66 999,438	1 587 636,673	23,696	23,231	60	51	87 171	8 286,528	111 372,989	13,440	12,975
11	2	99 140	64 399,775	1 520 637,235	23,612	23,148	61	52	86 054	7 865,722	103 086,461	13,106	12,641
12	3	99 117	61 908,325	1 456 237,460	23,522	23,058	62	53	84 860	7 458,218	95 220,739	12,767	12,302
13	4	99 095	59 513,960	1 394 329,135	23,429	22,964	63	54	83 590	7 064,087	87 762,521	12,424	11,959
14	5	99 072	57 211,797	1 334 815,175	23,331	22,866	64	55	82 270	6 685,110	80 698,434	12,071	11,607
15	6	99 047	54 997,527	1 277 603,378	23,230	22,765	65	56	80 823	6 314,927	74 013,324	11,720	11,256
16	7	99 021	52 868,218	1 222 605,851	23,126	22,661	66	57	79 306	5 958,047	67 698,397	11,363	10,898
17	8	98 987	50 817,262	1 169 737,633	23,019	22,554	67	58	77 682	5 611,612	61 740,350	11,002	10,537
18	9	98 946	48 842,600	1 118 920,371	22,909	22,444	68	59	75 957	5 275,922	56 128,738	10,639	10,174
19	10	98 892	46 938,189	1 070 077,771	22,798	22,333	69	60	74 150	4 952,365	50 852,816	10,268	9,804
20	11	98 836	45 107,616	1 023 139,582	22,682	22,217	70	61	72 206	4 637,037	45 900,451	9,899	9,434
21	12	98 775	43 345,912	978 031,966	22,563	22,099	71	62	70 157	4 332,134	41 263,414	9,525	9,060
22	13	98 714	41 652,885	934 686,054	22,440	21,975	72	63	67 976	4 036,055	36 931,280	9,150	8,686
23	14	98 653	40 025,983	893 033,169	22,311	21,847	73	64	65 688	3 750,180	32 895,224	8,772	8,307
24	15	98 590	38 462,232	853 007,186	22,178	21,713	74	65	63 259	3 472,595	29 145,045	8,393	7,928
25	16	98 523	36 957,572	814 544,954	22,040	21,575	75	66	60 639	3 200,755	25 672,450	8,021	7,556
26	17	98 454	35 511,139	777 587,382	21,897	21,432	76	67	57 870	2 937,088	22 471,695	7,651	7,186
27	18	98 381	34 120,010	742 076,243	21,749	21,284	77	68	54 955	2 681,872	19 534,607	7,284	6,819
28	19	98 296	32 779,447	707 956,233	21,598	21,133	78	69	51 877	2 434,308	16 852,735	6,923	6,458
29	20	98 216	31 493,253	675 176,786	21,439	20,974	79	70	48 615	2 193,497	14 418,427	6,573	6,108
30	21	98 130	30 255,343	643 683,532	21,275	20,810	80	71	45 223	1 961,966	12 224,930	6,231	5,766
31	22	98 047	29 066,976	613 428,189	21,104	20,639	81	72	41 737	1 741,071	10 262,964	5,895	5,430
32	23	97 955	27 922,801	584 361,213	20,928	20,463	82	73	38 136	1 529,671	8 521,893	5,571	5,106
33	24	97 860	26 822,978	556 438,412	20,745	20,280	83	74	34 502	1 330,691	6 992,222	5,255	4,790
34	25	97 766	25 766,428	529 615,434	20,554	20,090	84	75	30 884	1 145,321	5 661,531	4,943	4,478
35	26	97 667	24 750,315	503 849,006	20,357	19,892	85	76	27 253	971,824	4 516,210	4,647	4,182
36	27	97 562	23 772,762	479 098,691	20,153	19,688	86	77	23 698	812,532	3 544,386	4,362	3,897
37	28	97 450	22 832,154	455 325,929	19,942	19,477	87	78	20 255	667,773	2 731,853	4,091	3,626
38	29	97 333	21 927,617	432 493,775	19,724	19,259	88	79	16 954	537,443	2 064,080	3,841	3,376
39	30	97 198	21 055,029	410 566,158	19,500	19,035	89	80	13 915	424,151	1 526,637	3,599	3,134
40	31	97 059	20 216,255	389 511,129	19,267	18,802	90	81	11 104	325,435	1 102,486	3,388	2,923
41	32	96 905	19 407,906	369 294,875	19,028	18,563	91	82	8 714	245,575	777,051	3,164	2,699
42	33	96 738	18 629,285	349 886,968	18,782	18,317	92	83	6 588	178,527	531,476	2,977	2,512
43	34	96 555	17 878,839	331 257,683	18,528	18,063	93	84	4 839	126,085	352,949	2,799	2,334
44	35	96 341	17 153,246	313 378,844	18,269	17,805	94	85	3 436	86,077	226,864	2,636	2,171
45	36	96 112	16 454,146	296 225,598	18,003	17,538	95	86	2 352	56,669	140,787	2,484	2,020
46	37	95 853	15 778,749	279 771,452	17,731	17,266	96	87	1 549	35,884	84,118	2,344	1,879
47	38	95 565	15 126,269	263 992,703	17,453	16,988	97	88	977	21,760	48,234	2,217	1,752
48	39	95 236	14 494,430	248 866,434	17,170	16,705	98	89	589	12,617	26,474	2,098	1,634
49	40	94 868	13 883,062	234 372,004	16,882	16,417	99	90	337	6,941	13,858	1,996	1,532
							100	91	184	3,642	6,917	1,899	1,434

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß 4,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10	0	99 489	67 211,334	1 588 959,305	23,641	23,176
11	1	99 167	64 416,779	1 521 747,971	23,623	23,159
12	2	99 132	61 917,547	1 457 331,192	23,537	23,072
13	3	99 106	59 520,611	1 395 413,645	23,444	22,979
14	4	99 084	57 218,616	1 335 893,034	23,347	22,882
15	5	99 057	55 003,086	1 278 674,418	23,247	22,783
16	6	99 030	52 872,823	1 223 671,332	23,144	22,679
17	7	98 995	50 821,624	1 170 798,510	23,037	22,573
18	8	98 953	48 846,198	1 119 976,886	22,929	22,464
19	9	98 899	46 941,427	1 071 130,688	22,818	22,354
20	10	98 843	45 110,818	1 024 189,262	22,704	22,239
21	11	98 783	43 349,379	979 078,444	22,586	22,121
22	12	98 722	41 656,238	935 729,065	22,463	21,998
23	13	98 661	40 029,569	894 072,827	22,335	21,870
24	14	98 601	38 466,402	854 043,258	22,202	21,737
25	15	98 535	36 962,222	815 576,857	22,065	21,600
26	16	98 469	35 516,604	778 614,635	21,923	21,458
27	17	98 396	34 125,486	743 098,031	21,775	21,311
28	18	98 318	32 786,936	708 972,545	21,624	21,159
29	19	98 237	31 499,759	676 185,609	21,466	21,002
30	20	98 152	30 262,061	644 685,850	21,303	20,839
31	21	98 067	29 073,061	614 423,789	21,134	20,669
32	22	97 977	27 929,067	585 350,728	20,958	20,494
33	23	97 883	26 829,111	557 421,661	20,777	20,312
34	24	97 786	25 771,638	530 592,551	20,588	20,123
35	25	97 688	24 755,761	504 820,913	20,392	19,927
36	26	97 585	23 778,389	480 065,152	20,189	19,724
37	27	97 476	22 838,290	456 286,763	19,979	19,514
38	28	97 357	21 933,163	433 448,473	19,762	19,297
39	29	97 226	21 061,071	411 515,310	19,539	19,074
40	30	97 086	20 221,978	390 454,239	19,308	18,844
41	31	96 934	19 413,770	370 232,260	19,071	18,606
42	32	96 772	18 635,891	350 818,491	18,825	18,360
43	33	96 590	17 885,378	332 182,600	18,573	18,108
44	34	96 382	17 160,536	314 297,222	18,315	17,850
45	35	96 150	16 460,693	297 136,686	18,051	17,586
46	36	95 899	15 786,251	280 675,992	17,780	17,315
47	37	95 616	15 134,346	264 889,742	17,503	17,038
48	38	95 289	14 502,504	249 755,396	17,222	16,757
49	39	94 931	13 892,253	235 252,892	16,934	16,469
50	40	94 528	13 301,257	221 360,639	16,642	16,177
51	41	94 083	12 729,506	208 059,382	16,345	15,880
52	42	93 563	12 172,238	195 329,877	16,047	15,582
53	43	93 012	11 635,119	183 157,639	15,742	15,277
54	44	92 404	11 114,469	171 522,520	15,432	14,968
55	45	91 728	10 608,877	160 408,051	15,120	14,655
56	46	90 992	10 118,964	149 799,174	14,804	14,339
57	47	90 201	9 645,240	139 680,210	14,482	14,017
58	48	89 329	9 184,614	130 034,970	14,158	13,693
59	49	88 387	8 738,214	120 850,356	13,830	13,365
60	50	87 364	8 304,824	112 112,141	13,500	13,035
61	51	86 265	7 885,015	103 807,318	13,165	12,700
62	52	85 093	7 478,750	95 922,303	12,826	12,361
63	53	83 842	7 085,389	88 443,553	12,483	12,018
64	54	82 534	6 706,512	81 358,163	12,131	11,666
65	55	81 110	6 337,382	74 651,651	11,780	11,315
66	56	79 606	5 980,607	68 314,270	11,423	10,958
67	57	77 994	5 634,129	62 333,662	11,064	10,599
68	58	76 293	5 299,304	56 699,533	10,699	10,235
69	59	74 502	4 975,861	51 400,229	10,330	9,865
70	60	72 597	4 662,163	46 424,368	9,958	9,493
71	61	70 562	4 357,173	41 762,205	9,585	9,120
72	62	68 408	4 061,675	37 405,032	9,209	8,744
73	63	66 134	3 775,619	33 343,357	8,831	8,366
74	64	63 727	3 498,306	29 567,738	8,452	7,987
75	65	61 116	3 225,949	26 069,432	8,081	7,616
76	66	58 369	2 962,429	22 843,483	7,711	7,246
77	67	55 461	2 706,589	19 881,054	7,345	6,881
78	68	52 386	2 458,179	17 174,465	6,987	6,522
79	69	49 137	2 217,046	14 716,286	6,638	6,173
80	70	45 754	1 985,001	12 499,240	6,297	5,832
81	71	42 281	1 763,783	10 514,239	5,961	5,496
82	72	38 696	1 552,143	8 750,456	5,638	5,173
83	73	35 072	1 352,688	7 198,313	5,321	4,857
84	74	31 469	1 167,037	5 845,626	5,009	4,544
85	75	27 851	993,135	4 678,589	4,711	4,246
86	76	24 293	832,933	3 685,454	4,425	3,960
87	77	20 832	686,814	2 852,521	4,153	3,688
88	78	17 515	555,249	2 165,706	3,900	3,436
89	79	14 439	440,130	1 610,457	3,659	3,194
90	80	11 588	339,619	1 170,327	3,446	2,981
91	81	9 149	257,846	830,708	3,222	2,757
92	82	6 973	188,946	572,862	3,032	2,567
93	83	5 163	134,522	383,916	2,854	2,389
94	84	3 704	92,787	249,394	2,688	2,223
95	85	2 565	61,781	156,608	2,535	2,070
96	86	1 710	39,617	94,826	2,394	1,929
97	87	1 096	24,402	55,209	2,262	1,798
98	88	671	14,374	30,807	2,143	1,678
99	89	393	8,085	16,433	2,032	1,568
100	90	218	4,310	8,347	1,937	1,472

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$
0							50	39	94 590	13 310,062	222 158,606	16,691	16,226
1							51	40	94 150	12 738,502	208 848,544	16,395	15,930
2							52	41	93 638	12 182,002	196 110,042	16,098	15,634
3							53	42	93 095	11 645,484	183 928,040	15,794	15,329
4							54	43	92 498	11 125,861	172 282,556	15,485	15,020
5							55	44	91 831	10 620,806	161 156,695	15,174	14,709
6							56	45	91 108	10 131,824	150 535,889	14,858	14,393
7							57	46	90 329	9 658,851	140 404,065	14,536	14,071
8							58	47	89 476	9 199,657	130 745,214	14,212	13,747
9							59	48	88 544	8 753,694	121 545,558	13,885	13,420
10							60	49	87 544	8 321,947	112 791,863	13,554	13,089
11	0	99 480	64 620,507	1 522 970,460	23,568	23,103	61	50	86 456	7 902,424	104 469,916	13,220	12,755
12	1	99 158	61 933,895	1 458 349,952	23,547	23,082	62	51	85 302	7 497,094	96 567,492	12,881	12,416
13	2	99 121	59 529,477	1 396 416,057	23,458	22,993	63	52	84 073	7 104,895	89 070,398	12,536	12,072
14	3	99 095	57 225,010	1 336 886,580	23,362	22,897	64	53	82 782	6 726,736	81 965,503	12,185	11,720
15	4	99 069	55 009,642	1 279 661,570	23,262	22,798	65	54	81 370	6 357,670	75 238,767	11,834	11,370
16	5	99 040	52 878,167	1 224 651,928	23,160	22,695	66	55	79 889	6 001,873	68 881,097	11,477	11,012
17	6	99 004	50 826,050	1 171 773,760	23,055	22,590	67	56	78 289	5 655,463	62 879,224	11,118	10,653
18	7	98 962	48 850,390	1 120 947,710	22,947	22,482	68	57	76 599	5 320,568	57 223,761	10,755	10,290
19	8	98 906	46 944,884	1 072 097,320	22,837	22,373	69	58	74 832	4 997,914	51 903,193	10,385	9,920
20	9	98 850	45 113,930	1 025 152,436	22,724	22,259	70	59	72 942	4 684,282	46 905,279	10,013	9,549
21	10	98 790	43 352,455	980 038,506	22,606	22,141	71	60	70 945	4 380,783	42 220,997	9,638	9,173
22	11	98 730	41 659,570	936 686,051	22,484	22,019	72	61	68 803	4 085,151	37 840,214	9,263	8,798
23	12	98 669	40 032,791	895 026,481	22,357	21,893	73	62	66 553	3 799,586	33 755,063	8,884	8,419
24	13	98 610	38 469,848	854 993,690	22,225	21,760	74	63	64 160	3 522,037	29 955,478	8,505	8,040
25	14	98 546	36 966,228	816 523,842	22,088	21,624	75	64	61 569	3 249,833	26 433,441	8,134	7,669
26	15	98 481	35 521,072	779 557,614	21,946	21,482	76	65	58 828	2 985,747	23 183,608	7,765	7,300
27	16	98 411	34 130,738	744 036,542	21,800	21,335	77	66	55 940	2 729,942	20 197,860	7,399	6,934
28	17	98 334	32 792,198	709 905,804	21,649	21,184	78	67	52 869	2 480,834	17 467,918	7,041	6,576
29	18	98 259	31 506,956	677 113,605	21,491	21,026	79	68	49 619	2 238,786	14 987,084	6,694	6,229
30	19	98 172	30 268,313	645 606,650	21,329	20,865	80	69	46 245	2 006,311	12 748,298	6,354	5,889
31	20	98 089	29 079,516	615 338,337	21,161	20,696	81	70	42 777	1 784,492	10 741,987	6,020	5,555
32	21	97 997	27 934,913	586 258,821	20,987	20,522	82	71	39 201	1 572,391	8 957,495	5,697	5,232
33	22	97 905	26 835,131	558 323,908	20,806	20,341	83	72	35 588	1 372,559	7 385,105	5,381	4,916
34	23	97 808	25 777,530	531 488,777	20,618	20,153	84	73	31 989	1 186,328	6 012,545	5,068	4,603
35	24	97 708	24 760,766	505 711,247	20,424	19,959	85	74	28 379	1 011,965	4 826,217	4,769	4,304
36	25	97 606	23 783,621	480 950,482	20,222	19,757	86	75	24 825	851,198	3 814,252	4,481	4,016
37	26	97 499	22 843,696	457 166,861	20,013	19,548	87	76	21 355	704,059	2 963,054	4,209	3,744
38	27	97 383	21 939,057	434 323,164	19,797	19,332	88	77	18 015	571,082	2 258,995	3,956	3,491
39	28	97 250	21 066,399	412 384,108	19,575	19,111	89	78	14 918	454,712	1 687,914	3,712	3,247
40	29	97 114	20 227,782	391 317,709	19,346	18,881	90	79	12 024	352,414	1 233,202	3,499	3,034
41	30	96 962	19 419,266	371 089,927	19,109	18,645	91	80	9 548	269,084	880,788	3,273	2,808
42	31	96 801	18 641,521	351 670,661	18,865	18,400	92	81	7 321	198,388	611,704	3,083	2,619
43	32	96 624	17 891,720	333 029,140	18,614	18,149	93	82	5 464	142,373	413,316	2,903	2,438
44	33	96 418	17 166,812	315 137,419	18,357	17,893	94	83	3 951	98,995	270,943	2,737	2,272
45	34	96 191	16 467,688	297 970,607	18,094	17,629	95	84	2 765	66,597	171,949	2,582	2,117
46	35	95 937	15 792,532	281 502,918	17,825	17,360	96	85	1 865	43,191	105,351	2,439	1,974
47	36	95 661	15 141,541	265 710,386	17,548	17,084	97	86	1 210	26,941	62,160	2,307	1,842
48	37	95 340	14 510,248	250 568,845	17,268	16,804	98	87	753	16,120	35,219	2,185	1,720
49	38	94 983	13 899,991	236 058,597	16,983	16,518	99	88	447	9,212	19,099	2,073	1,609
							100	89	254	5,020	9,887	1,970	1,505

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä_{xy}^{(12)}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä_{xy}^{(12)}$
0							50	38	94 643	13 317,476	222 888,323	16,737	16,272
1							51	39	94 212	12 746,935	209 570,847	16,441	15,976
2							52	40	93 704	12 190,611	196 823,912	16,146	15,681
3							53	41	93 169	11 654,825	184 633,301	15,842	15,377
4							54	42	92 581	11 135,773	172 978,476	15,534	15,069
5							55	43	91 926	10 631,692	161 842,703	15,223	14,758
6							56	44	91 210	10 143,216	151 211,010	14,908	14,443
7							57	45	90 443	9 671,126	141 067,794	14,586	14,122
8							58	46	89 602	9 212,638	131 396,669	14,263	13,798
9							59	47	88 689	8 768,031	122 184,031	13,935	13,470
10							60	48	87 699	8 336,690	113 415,999	13,604	13,140
11							61	49	86 634	7 918,718	105 079,309	13,270	12,805
12	0	99 472	62 129,771	1 459 480,205	23,491	23,026	62	50	85 490	7 513,647	97 160,591	12,931	12,466
13	1	99 147	59 545,195	1 397 350,434	23,467	23,002	63	51	84 280	7 122,322	89 646,945	12,587	12,122
14	2	99 110	57 233,534	1 337 805,239	23,374	22,910	64	52	83 010	6 745,254	82 524,623	12,234	11,770
15	3	99 080	55 015,789	1 280 571,704	23,276	22,812	65	53	81 616	6 376,843	75 779,369	11,884	11,419
16	4	99 052	52 884,470	1 225 555,915	23,174	22,709	66	54	80 145	6 021,087	69 402,526	11,527	11,062
17	5	99 014	50 831,188	1 172 671,445	23,070	22,605	67	55	78 568	5 675,572	63 381,438	11,167	10,703
18	6	98 971	48 854,645	1 121 840,257	22,963	22,498	68	56	76 889	5 340,714	57 705,866	10,805	10,340
19	7	98 914	46 948,914	1 072 985,612	22,854	22,390	69	57	75 133	5 017,968	52 365,152	10,436	9,971
20	8	98 857	45 117,253	1 026 036,699	22,742	22,277	70	58	73 265	4 705,042	47 347,184	10,063	9,598
21	9	98 797	43 355,446	980 919,446	22,625	22,160	71	59	71 281	4 401,567	42 642,141	9,688	9,223
22	10	98 737	41 662,526	937 564,000	22,504	22,039	72	60	69 176	4 107,287	38 240,574	9,310	8,846
23	11	98 677	40 035,993	895 901,474	22,377	21,913	73	61	66 938	3 821,547	34 133,287	8,932	8,467
24	12	98 618	38 472,945	855 865,481	22,246	21,781	74	62	64 567	3 544,393	30 311,741	8,552	8,087
25	13	98 555	36 969,540	817 392,536	22,110	21,645	75	63	61 987	3 271,879	26 767,347	8,181	7,716
26	14	98 492	35 524,923	780 422,996	21,968	21,504	76	64	59 264	3 007,853	23 495,468	7,811	7,347
27	15	98 424	34 135,032	744 898,073	21,822	21,357	77	65	56 380	2 751,430	20 487,615	7,446	6,981
28	16	98 349	32 797,245	710 763,042	21,671	21,207	78	66	53 325	2 502,239	17 736,185	7,088	6,623
29	17	98 275	31 512,012	677 965,797	21,515	21,050	79	67	50 076	2 259,420	15 233,946	6,742	6,278
30	18	98 195	30 275,228	646 453,784	21,353	20,888	80	68	46 699	2 025,985	12 974,526	6,404	5,939
31	19	98 109	29 085,523	616 178,556	21,185	20,720	81	69	43 237	1 803,649	10 948,541	6,070	5,605
32	20	98 019	27 941,116	587 093,033	21,012	20,547	82	70	39 661	1 590,852	9 144,892	5,748	5,284
33	21	97 925	26 840,748	559 151,917	20,832	20,367	83	71	36 052	1 390,465	7 554,040	5,433	4,968
34	22	97 830	25 783,314	532 311,169	20,646	20,181	84	72	32 459	1 203,756	6 163,576	5,120	4,655
35	23	97 731	24 766,427	506 527,855	20,452	19,987	85	73	28 848	1 028,693	4 959,820	4,821	4,357
36	24	97 626	23 788,430	481 761,428	20,252	19,787	86	74	25 296	867,337	3 931,127	4,532	4,068
37	25	97 520	22 848,722	457 972,999	20,044	19,579	87	75	21 824	719,498	3 063,790	4,258	3,793
38	26	97 406	21 944,250	435 124,276	19,829	19,364	88	76	18 467	585,420	2 344,292	4,004	3,540
39	27	97 276	21 072,060	413 180,026	19,608	19,143	89	77	15 343	467,678	1 758,872	3,761	3,296
40	28	97 139	20 232,898	392 107,967	19,380	18,915	90	78	12 423	364,090	1 291,194	3,546	3,082
41	29	96 989	19 424,839	371 875,068	19,144	18,679	91	79	9 908	279,222	927,105	3,320	2,855
42	30	96 829	18 646,799	352 450,229	18,901	18,437	92	80	7 640	207,034	647,883	3,129	2,665
43	31	96 653	17 897,126	333 803,430	18,651	18,186	93	81	5 737	149,487	440,848	2,949	2,484
44	32	96 452	17 172,900	315 906,304	18,396	17,931	94	82	4 182	104,772	291,362	2,781	2,316
45	33	96 226	16 473,712	298 733,404	18,134	17,669	95	83	2 950	71,053	186,589	2,626	2,161
46	34	95 978	15 799,243	282 259,692	17,865	17,401	96	84	2 010	46,558	115,536	2,482	2,017
47	35	95 700	15 147,566	266 460,449	17,591	17,126	97	85	1 319	29,371	68,978	2,348	1,884
48	36	95 385	14 517,147	251 312,883	17,311	16,847	98	86	831	17,797	39,607	2,225	1,761
49	37	95 034	13 907,413	236 795,736	17,027	16,562	99	87	502	10,331	21,810	2,111	1,646
							100	88	289	5,719	11,479	2,007	1,542

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	37	94 694	13 324,588	223 555,882	16,778	16,313
1							51	38	94 264	12 754,035	210 231,294	16,484	16,019
2							52	39	93 766	12 198,681	197 477,260	16,188	15,724
3							53	40	93 235	11 663,062	185 278,578	15,886	15,421
4							54	41	92 655	11 144,706	173 615,516	15,578	15,113
5							55	42	92 007	10 641,164	162 470,811	15,268	14,803
6							56	43	91 304	10 153,613	151 829,647	14,953	14,488
7							57	44	90 545	9 682,000	141 676,034	14,633	14,168
8							58	45	89 716	9 224,346	131 994,034	14,309	13,844
9							59	46	88 814	8 780,404	122 769,688	13,982	13,517
10							60	47	87 843	8 350,344	113 989,284	13,651	13,186
11							61	48	86 788	7 932,746	105 638,941	13,317	12,852
12							62	49	85 667	7 529,139	97 706,194	12,977	12,512
13	0	99 461	59 733,516	1 398 395,778	23,411	22,946	63	50	84 466	7 138,047	90 177,055	12,633	12,168
14	1	99 136	57 248,646	1 338 662,262	23,383	22,918	64	51	83 214	6 761,799	83 039,008	12,281	11,816
15	2	99 095	55 023,985	1 281 413,616	23,288	22,823	65	52	81 840	6 394,398	76 277,209	11,929	11,464
16	3	99 063	52 890,380	1 226 389,631	23,187	22,723	66	53	80 386	6 039,245	69 882,811	11,571	11,107
17	4	99 026	50 837,246	1 173 499,252	23,083	22,619	67	54	78 819	5 693,742	63 843,567	11,213	10,748
18	5	98 981	48 859,583	1 122 662,005	22,977	22,512	68	55	77 163	5 359,704	58 149,824	10,849	10,385
19	6	98 923	46 953,003	1 073 802,422	22,870	22,405	69	56	75 417	5 036,969	52 790,120	10,481	10,016
20	7	98 866	45 121,125	1 026 849,419	22,758	22,293	70	57	73 559	4 723,922	47 753,151	10,109	9,644
21	8	98 804	43 358,639	981 728,294	22,642	22,177	71	58	71 597	4 421,074	43 029,229	9,733	9,268
22	9	98 744	41 665,401	938 369,654	22,522	22,057	72	59	69 504	4 126,774	38 608,155	9,356	8,891
23	10	98 684	40 038,834	896 704,254	22,396	21,931	73	60	67 301	3 842,254	34 481,382	8,974	8,509
24	11	98 626	38 476,022	856 665,419	22,265	21,800	74	61	64 940	3 564,880	30 639,127	8,595	8,130
25	12	98 563	36 972,516	818 189,398	22,130	21,665	75	62	62 380	3 292,648	27 074,248	8,223	7,758
26	13	98 501	35 528,105	781 216,882	21,989	21,524	76	63	59 666	3 028,257	23 781,600	7,853	7,388
27	14	98 435	34 138,732	745 688,777	21,843	21,378	77	64	56 798	2 771,801	20 753,343	7,487	7,022
28	15	98 362	32 801,371	711 550,044	21,693	21,228	78	65	53 745	2 521,935	17 981,541	7,130	6,665
29	16	98 290	31 516,862	678 748,673	21,536	21,071	79	66	50 508	2 278,914	15 459,606	6,784	6,319
30	17	98 210	30 280,087	647 231,811	21,375	20,910	80	67	47 129	2 044,657	13 180,692	6,446	5,982
31	18	98 132	29 092,168	616 951,725	21,207	20,742	81	68	43 661	1 821,335	11 136,035	6,114	5,649
32	19	98 039	27 946,888	587 859,556	21,035	20,570	82	69	40 087	1 607,931	9 314,700	5,793	5,328
33	20	97 947	26 846,708	559 912,668	20,856	20,391	83	70	36 475	1 406,790	7 706,769	5,478	5,013
34	21	97 851	25 788,711	533 065,961	20,671	20,206	84	71	32 883	1 219,459	6 299,979	5,166	4,701
35	22	97 752	24 771,984	507 277,249	20,478	20,013	85	72	29 272	1 043,805	5 080,520	4,867	4,402
36	23	97 648	23 793,868	482 505,265	20,279	19,814	86	73	25 714	881,674	4 036,715	4,578	4,114
37	24	97 540	22 853,342	458 711,397	20,072	19,607	87	74	22 238	733,140	3 155,041	4,303	3,839
38	25	97 428	21 949,079	435 858,055	19,858	19,393	88	75	18 872	598,257	2 421,902	4,048	3,583
39	26	97 299	21 077,048	413 908,976	19,638	19,173	89	76	15 728	479,420	1 823,644	3,804	3,339
40	27	97 165	20 238,335	392 831,928	19,410	18,945	90	77	12 777	374,472	1 344,224	3,590	3,125
41	28	97 014	19 429,753	372 593,593	19,176	18,712	91	78	10 236	288,472	969,752	3,362	2,897
42	29	96 857	18 652,151	353 163,841	18,934	18,469	92	79	7 928	214,834	681,280	3,171	2,706
43	30	96 681	17 902,193	334 511,690	18,686	18,221	93	80	5 987	156,002	466,446	2,990	2,525
44	31	96 481	17 178,088	316 609,497	18,431	17,966	94	81	4 391	110,008	310,444	2,822	2,357
45	32	96 260	16 479,553	299 431,409	18,170	17,705	95	82	3 122	75,200	200,436	2,665	2,201
46	33	96 013	15 805,022	282 951,856	17,903	17,438	96	83	2 144	49,673	125,236	2,521	2,056
47	34	95 740	15 154,003	267 146,834	17,629	17,164	97	84	1 422	31,661	75,563	2,387	1,922
48	35	95 423	14 522,923	251 992,830	17,351	16,887	98	85	906	19,403	43,902	2,263	1,798
49	36	95 079	13 914,025	237 469,907	17,067	16,602	99	86	554	11,405	24,499	2,148	1,683
							100	87	324	6,414	13,094	2,041	1,577

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	36	94 739	13 330,923	224 166,385	16,816	16,351
1							51	37	94 315	12 760,845	210 835,462	16,522	16,057
2							52	38	93 818	12 205,476	198 074,617	16,228	15,764
3							53	39	93 297	11 670,783	185 869,141	15,926	15,461
4							54	40	92 720	11 152,582	174 198,358	15,620	15,155
5							55	41	92 081	10 649,700	163 045,776	15,310	14,845
6							56	42	91 385	10 162,658	152 396,077	14,996	14,531
7							57	43	90 638	9 691,924	142 233,418	14,675	14,211
8							58	44	89 817	9 234,718	132 541,494	14,353	13,888
9							59	45	88 927	8 791,562	123 306,776	14,026	13,561
10							60	46	87 966	8 362,127	114 515,214	13,695	13,230
11							61	47	86 930	7 945,739	106 153,087	13,360	12,895
12							62	48	85 819	7 542,477	98 207,348	13,021	12,556
13							63	49	84 640	7 152,765	90 664,871	12,676	12,211
14	0	99 450	57 429,704	1 339 629,466	23,326	22,862	64	50	83 398	6 776,728	83 512,106	12,323	11,859
15	1	99 121	55 038,513	1 282 199,762	23,296	22,832	65	51	82 041	6 410,082	76 735,378	11,971	11,506
16	2	99 077	52 898,258	1 227 161,249	23,199	22,734	66	52	80 608	6 055,870	70 325,296	11,613	11,148
17	3	99 037	50 842,927	1 174 262,991	23,096	22,631	67	53	79 057	5 710,912	64 269,426	11,254	10,789
18	4	98 992	48 865,407	1 123 420,064	22,990	22,525	68	54	77 410	5 376,863	58 558,514	10,891	10,426
19	5	98 933	46 957,749	1 074 554,656	22,883	22,419	69	55	75 685	5 054,879	53 181,651	10,521	10,056
20	6	98 875	45 125,055	1 027 596,907	22,772	22,307	70	56	73 838	4 741,809	48 126,771	10,149	9,685
21	7	98 813	43 362,361	982 471,852	22,657	22,192	71	57	71 884	4 438,814	43 384,962	9,774	9,309
22	8	98 751	41 668,469	939 109,491	22,538	22,073	72	58	69 812	4 145,063	38 946,148	9,396	8,931
23	9	98 691	40 041,597	897 441,022	22,413	21,948	73	59	67 620	3 860,483	34 801,085	9,015	8,550
24	10	98 633	38 478,752	857 399,425	22,282	21,818	74	60	65 292	3 584,196	30 940,602	8,633	8,168
25	11	98 571	36 975,473	818 920,673	22,148	21,683	75	61	62 741	3 311,679	27 356,406	8,261	7,796
26	12	98 509	35 530,965	781 945,200	22,007	21,543	76	62	60 045	3 047,480	24 044,727	7,890	7,425
27	13	98 443	34 141,790	746 414,235	21,862	21,397	77	63	57 183	2 790,604	20 997,247	7,524	7,059
28	14	98 372	32 804,927	712 272,444	21,712	21,248	78	64	54 142	2 540,607	18 206,643	7,166	6,701
29	15	98 302	31 520,827	679 467,518	21,556	21,091	79	65	50 906	2 296,852	15 666,036	6,821	6,356
30	16	98 225	30 284,747	647 946,691	21,395	20,930	80	66	47 536	2 062,299	13 369,184	6,483	6,018
31	17	98 148	29 096,837	617 661,944	21,228	20,763	81	67	44 063	1 838,122	11 306,885	6,151	5,687
32	18	98 062	27 953,273	588 565,106	21,055	20,590	82	68	40 480	1 623,698	9 468,763	5,832	5,367
33	19	97 967	26 852,254	560 611,834	20,878	20,413	83	69	36 867	1 421,893	7 845,066	5,517	5,053
34	20	97 872	25 794,438	533 759,580	20,693	20,228	84	70	33 269	1 233,776	6 423,173	5,206	4,741
35	21	97 773	24 777,170	507 965,142	20,501	20,037	85	71	29 654	1 057,421	5 189,397	4,908	4,443
36	22	97 670	23 799,207	483 187,973	20,303	19,838	86	72	26 092	894,626	4 131,975	4,619	4,154
37	23	97 562	22 858,567	459 388,765	20,097	19,632	87	73	22 605	745,258	3 237,349	4,344	3,879
38	24	97 448	21 953,516	436 530,198	19,884	19,419	88	74	19 230	609,601	2 492,090	4,088	3,623
39	25	97 321	21 081,685	414 576,682	19,665	19,200	89	75	16 073	489,933	1 882,490	3,842	3,378
40	26	97 188	20 243,126	393 494,997	19,438	18,974	90	76	13 098	383,874	1 392,557	3,628	3,163
41	27	97 040	19 434,974	373 251,870	19,205	18,740	91	77	10 528	296,698	1 008,683	3,400	2,935
42	28	96 881	18 656,868	353 816,897	18,964	18,500	92	78	8 191	221,952	711,985	3,208	2,743
43	29	96 708	17 907,331	335 160,028	18,716	18,252	93	79	6 213	161,879	490,033	3,027	2,562
44	30	96 508	17 182,951	317 252,698	18,463	17,998	94	80	4 582	114,802	328,154	2,858	2,394
45	31	96 289	16 484,532	300 069,746	18,203	17,738	95	81	3 278	78,958	213,351	2,702	2,237
46	32	96 047	15 810,627	283 585,214	17,936	17,472	96	82	2 270	52,572	134,394	2,556	2,092
47	33	95 775	15 159,546	267 774,588	17,664	17,199	97	83	1 517	33,779	81,821	2,422	1,957
48	34	95 464	14 529,095	252 615,041	17,387	16,922	98	84	977	20,915	48,042	2,297	1,832
49	35	95 117	13 919,562	238 085,947	17,104	16,640	99	85	604	12,434	27,127	2,182	1,717
							100	86	358	7,081	14,693	2,075	1,610

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	35	94 776	13 336,227	224 724,208	16,851	16,386
1							51	36	94 360	12 766,912	211 387,981	16,557	16,093
2							52	37	93 869	12 211,993	198 621,069	16,264	15,800
3							53	38	93 349	11 677,284	186 409,075	15,963	15,499
4							54	39	92 782	11 159,965	174 731,791	15,657	15,192
5							55	40	92 146	10 657,226	163 571,827	15,348	14,884
6							56	41	91 458	10 170,810	152 914,601	15,035	14,570
7							57	42	90 719	9 700,558	142 743,791	14,715	14,250
8							58	43	89 909	9 244,183	133 043,232	14,392	13,927
9							59	44	89 027	8 801,448	123 799,049	14,066	13,601
10							60	45	88 078	8 372,754	114 997,601	13,735	13,270
11							61	46	87 052	7 956,951	106 624,847	13,400	12,935
12							62	47	85 959	7 554,830	98 667,896	13,060	12,595
13							63	48	84 790	7 165,436	91 113,066	12,716	12,251
14							64	49	83 570	6 790,701	83 947,630	12,362	11,897
15	0	99 435	55 212,581	1 283 095,050	23,239	22,774	65	50	82 222	6 424,234	77 156,929	12,010	11,545
16	1	99 104	52 912,225	1 227 882,469	23,206	22,741	66	51	80 805	6 070,724	70 732,694	11,651	11,187
17	2	99 052	50 850,501	1 174 970,244	23,106	22,642	67	52	79 274	5 726,634	64 661,970	11,291	10,827
18	3	99 003	48 870,868	1 124 119,743	23,002	22,537	68	53	77 643	5 393,078	58 935,336	10,928	10,463
19	4	98 945	46 963,346	1 075 248,875	22,895	22,431	69	54	75 928	5 071,062	53 542,258	10,558	10,094
20	5	98 885	45 129,617	1 028 285,529	22,785	22,320	70	55	74 100	4 758,670	48 471,196	10,186	9,721
21	6	98 821	43 366,138	983 155,912	22,671	22,206	71	56	72 156	4 455,622	43 712,526	9,811	9,346
22	7	98 759	41 672,046	939 789,775	22,552	22,087	72	57	70 092	4 161,695	39 256,905	9,433	8,968
23	8	98 698	40 044,546	898 117,729	22,428	21,963	73	58	67 920	3 877,593	35 095,209	9,051	8,586
24	9	98 640	38 481,407	858 073,183	22,298	21,834	74	59	65 602	3 601,201	31 217,617	8,669	8,204
25	10	98 578	36 978,097	819 591,776	22,164	21,699	75	60	63 081	3 329,623	27 616,416	8,294	7,829
26	11	98 516	35 533,807	782 613,679	22,024	21,560	76	61	60 392	3 065,094	24 286,792	7,924	7,459
27	12	98 451	34 144,539	747 079,872	21,880	21,415	77	62	57 546	2 808,318	21 221,698	7,557	7,092
28	13	98 381	32 807,865	712 935,333	21,731	21,266	78	63	54 510	2 557,841	18 413,380	7,199	6,734
29	14	98 313	31 524,244	680 127,467	21,575	21,110	79	64	51 283	2 313,858	15 855,539	6,852	6,388
30	15	98 238	30 288,557	648 603,223	21,414	20,949	80	65	47 910	2 078,532	13 541,681	6,515	6,050
31	16	98 163	29 101,315	618 314,667	21,247	20,782	81	66	44 443	1 853,981	11 463,150	6,183	5,718
32	17	98 077	27 957,759	589 213,351	21,075	20,610	82	67	40 853	1 638,663	9 609,168	5,864	5,399
33	18	97 990	26 858,389	561 255,592	20,897	20,432	83	68	37 228	1 435,835	7 970,506	5,551	5,086
34	19	97 892	25 799,766	534 397,203	20,713	20,248	84	69	33 626	1 247,022	6 534,670	5,240	4,775
35	20	97 795	24 782,671	508 597,437	20,522	20,057	85	70	30 002	1 069,837	5 287,649	4,942	4,478
36	21	97 691	23 804,189	483 814,766	20,325	19,860	86	71	26 432	906,297	4 217,812	4,654	4,189
37	22	97 584	22 863,696	460 010,577	20,120	19,655	87	72	22 937	756,207	3 311,515	4,379	3,914
38	23	97 470	21 958,536	437 146,881	19,908	19,443	88	73	19 548	619,677	2 555,309	4,124	3,659
39	24	97 340	21 085,948	415 188,345	19,690	19,225	89	74	16 378	499,222	1 935,631	3,877	3,412
40	25	97 209	20 247,580	394 102,398	19,464	18,999	90	75	13 385	392,291	1 436,409	3,662	3,197
41	26	97 063	19 439,574	373 854,817	19,232	18,767	91	76	10 792	304,147	1 044,117	3,433	2,968
42	27	96 907	18 661,882	354 415,243	18,991	18,527	92	77	8 424	228,281	739,970	3,241	2,777
43	28	96 733	17 911,860	335 753,361	18,745	18,280	93	78	6 419	167,243	511,689	3,060	2,595
44	29	96 536	17 187,883	317 841,501	18,492	18,027	94	79	4 755	119,127	344,447	2,891	2,427
45	30	96 316	16 489,199	300 653,618	18,233	17,769	95	80	3 420	82,399	225,319	2,734	2,270
46	31	96 076	15 815,403	284 164,419	17,968	17,503	96	81	2 383	55,199	142,920	2,589	2,124
47	32	95 809	15 164,922	268 349,016	17,695	17,231	97	82	1 605	35,751	87,721	2,454	1,989
48	33	95 499	14 534,409	253 184,094	17,420	16,955	98	83	1 042	22,314	51,970	2,329	1,864
49	34	95 158	13 925,477	238 649,685	17,138	16,673	99	84	651	13,403	29,656	2,213	1,748
							100	85	390	7,720	16,252	2,105	1,640

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	34	94 817	13 341,894	225 234,685	16,882	16,417
1							51	35	94 397	12 771,992	211 892,790	16,590	16,126
2							52	36	93 913	12 217,800	199 120,798	16,298	15,833
3							53	37	93 399	11 683,519	186 902,998	15,997	15,532
4							54	38	92 834	11 166,181	175 219,479	15,692	15,227
5							55	39	92 207	10 664,281	164 053,298	15,383	14,919
6							56	40	91 523	10 177,998	153 389,017	15,071	14,606
7							57	41	90 792	9 708,339	143 211,019	14,751	14,287
8							58	42	89 989	9 252,419	133 502,680	14,429	13,964
9							59	43	89 118	8 810,469	124 250,261	14,103	13,638
10							60	44	88 177	8 382,168	115 439,792	13,772	13,307
11							61	45	87 163	7 967,063	107 057,623	13,438	12,973
12							62	46	86 080	7 565,491	99 090,560	13,098	12,633
13							63	47	84 929	7 177,172	91 525,069	12,752	12,287
14							64	48	83 718	6 802,731	84 347,897	12,399	11,934
15							65	49	82 392	6 437,481	77 545,166	12,046	11,581
16	0	99 417	53 079,569	1 228 711,555	23,148	22,684	66	50	80 984	6 084,127	71 107,686	11,687	11,223
17	1	99 078	50 863,927	1 175 631,987	23,113	22,648	67	51	79 469	5 740,680	65 023,558	11,327	10,862
18	2	99 018	48 878,148	1 124 768,059	23,012	22,547	68	52	77 857	5 407,924	59 282,878	10,962	10,497
19	3	98 956	46 968,594	1 075 889,912	22,907	22,442	69	53	76 157	5 086,354	53 874,953	10,592	10,127
20	4	98 896	45 134,996	1 028 921,318	22,797	22,332	70	54	74 337	4 773,904	48 788,599	10,220	9,755
21	5	98 831	43 370,521	983 786,322	22,683	22,218	71	55	72 413	4 471,465	44 014,695	9,843	9,379
22	6	98 768	41 675,675	940 415,800	22,565	22,100	72	56	70 358	4 177,454	39 543,230	9,466	9,001
23	7	98 707	40 047,983	898 740,125	22,442	21,977	73	57	68 192	3 893,152	35 365,776	9,084	8,619
24	8	98 647	38 484,241	858 692,142	22,313	21,848	74	58	65 892	3 617,161	31 472,624	8,701	8,236
25	9	98 584	36 980,648	820 207,901	22,179	21,715	75	59	63 380	3 345,421	27 855,463	8,326	7,862
26	10	98 523	35 536,329	783 227,253	22,040	21,575	76	60	60 719	3 081,702	24 510,043	7,953	7,489
27	11	98 459	34 147,270	747 690,924	21,896	21,431	77	61	57 878	2 824,550	21 428,340	7,586	7,122
28	12	98 389	32 810,507	713 543,654	21,747	21,283	78	62	54 856	2 574,078	18 603,791	7,227	6,763
29	13	98 322	31 527,068	680 733,147	21,592	21,127	79	63	51 631	2 329,554	16 029,713	6,881	6,416
30	14	98 248	30 291,840	649 206,079	21,432	20,967	80	64	48 264	2 093,921	13 700,159	6,543	6,078
31	15	98 175	29 104,976	618 914,239	21,265	20,800	81	65	44 793	1 868,575	11 606,238	6,211	5,746
32	16	98 093	27 962,062	589 809,263	21,093	20,628	82	66	41 205	1 652,801	9 737,664	5,892	5,427
33	17	98 005	26 862,699	561 847,201	20,916	20,451	83	67	37 571	1 449,069	8 084,863	5,579	5,115
34	18	97 915	25 805,661	534 984,502	20,731	20,266	84	68	33 956	1 259,250	6 635,794	5,270	4,805
35	19	97 815	24 787,791	509 178,841	20,542	20,077	85	69	30 324	1 081,322	5 376,544	4,972	4,507
36	20	97 712	23 809,475	484 391,051	20,344	19,880	86	70	26 743	916,938	4 295,222	4,684	4,219
37	21	97 605	22 868,482	460 581,576	20,140	19,676	87	71	23 236	766,071	3 378,284	4,410	3,945
38	22	97 492	21 963,463	437 713,094	19,929	19,464	88	72	19 835	628,781	2 612,213	4,154	3,690
39	23	97 363	21 090,768	415 749,631	19,712	19,248	89	73	16 649	507,474	1 983,432	3,908	3,444
40	24	97 229	20 251,674	394 658,862	19,488	19,023	90	74	13 639	399,729	1 475,958	3,692	3,228
41	25	97 084	19 443,852	374 407,188	19,256	18,791	91	75	11 029	310,817	1 076,228	3,463	2,998
42	26	96 930	18 666,299	354 963,337	19,016	18,551	92	76	8 636	234,012	765,411	3,271	2,806
43	27	96 759	17 916,673	336 297,037	18,770	18,305	93	77	6 602	172,011	531,399	3,089	2,625
44	28	96 560	17 192,230	318 380,364	18,519	18,054	94	78	4 912	123,074	359,388	2,920	2,455
45	29	96 344	16 493,932	301 188,134	18,261	17,796	95	79	3 549	85,503	236,314	2,764	2,299
46	30	96 103	15 819,881	284 694,202	17,996	17,531	96	80	2 487	57,605	150,810	2,618	2,153
47	31	95 838	15 169,503	268 874,321	17,725	17,260	97	81	1 685	37,537	93,205	2,483	2,018
48	32	95 533	14 539,563	253 704,818	17,449	16,984	98	82	1 103	23,617	55,668	2,357	1,892
49	33	95 192	13 930,570	239 165,255	17,168	16,704	99	83	694	14,300	32,051	2,241	1,776
							100	84	420	8,322	17,751	2,133	1,668

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,00%

Mann	Frau						Mann	Frau					
x	y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	x	y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	33	94 851	13 346,775	225 701,531	16,911	16,446
1							51	34	94 437	12 777,420	212 354,757	16,620	16,155
2							52	35	93 951	12 222,661	199 577,337	16,328	15,864
3							53	36	93 443	11 689,074	187 354,676	16,028	15,563
4							54	37	92 883	11 172,144	175 665,602	15,724	15,259
5							55	38	92 259	10 670,221	164 493,458	15,416	14,951
6							56	39	91 583	10 184,736	153 823,237	15,103	14,638
7							57	40	90 856	9 715,200	143 638,501	14,785	14,320
8							58	41	90 061	9 259,841	133 923,301	14,463	13,998
9							59	42	89 198	8 818,318	124 663,460	14,137	13,672
10							60	43	88 268	8 390,760	115 845,142	13,806	13,341
11							61	44	87 261	7 976,021	107 454,382	13,472	13,007
12							62	45	86 190	7 575,105	99 478,361	13,132	12,667
13							63	46	85 048	7 187,300	91 903,255	12,787	12,322
14							64	47	83 855	6 813,873	84 715,956	12,433	11,968
15							65	48	82 538	6 448,885	77 902,083	12,080	11,615
16							66	49	81 151	6 096,672	71 453,198	11,720	11,255
17	0	99 391	51 024,792	1 176 400,100	23,055	22,591	67	50	79 644	5 753,355	65 356,526	11,360	10,895
18	1	99 044	48 891,053	1 125 375,307	23,018	22,553	68	51	78 048	5 421,189	59 603,171	10,994	10,530
19	2	98 970	46 975,591	1 076 484,254	22,916	22,451	69	52	76 366	5 100,357	54 181,982	10,623	10,158
20	3	98 907	45 140,040	1 029 508,663	22,807	22,342	70	53	74 562	4 788,301	49 081,625	10,250	9,786
21	4	98 843	43 375,691	984 368,624	22,694	22,229	71	54	72 645	4 485,780	44 293,325	9,874	9,409
22	5	98 778	41 679,888	940 992,933	22,577	22,112	72	55	70 608	4 192,308	39 807,545	9,495	9,031
23	6	98 715	40 051,471	899 313,045	22,454	21,989	73	56	68 450	3 907,893	35 615,237	9,114	8,649
24	7	98 655	38 487,545	859 261,574	22,326	21,861	74	57	66 157	3 631,675	31 707,344	8,731	8,266
25	8	98 592	36 983,372	820 774,029	22,193	21,728	75	58	63 661	3 360,247	28 075,668	8,355	7,890
26	9	98 530	35 538,780	783 790,657	22,055	21,590	76	59	61 007	3 096,323	24 715,421	7,982	7,517
27	10	98 466	34 149,693	748 251,877	21,911	21,446	77	60	58 192	2 839,855	21 619,098	7,613	7,148
28	11	98 397	32 813,131	714 102,184	21,763	21,298	78	61	55 173	2 588,956	18 779,243	7,254	6,789
29	12	98 330	31 529,606	681 289,053	21,608	21,143	79	62	51 958	2 344,341	16 190,288	6,906	6,441
30	13	98 257	30 294,554	649 759,447	21,448	20,983	80	63	48 592	2 108,125	13 845,946	6,568	6,103
31	14	98 186	29 108,131	619 464,893	21,282	20,817	81	64	45 125	1 882,409	11 737,821	6,236	5,771
32	15	98 105	27 965,580	590 356,762	21,110	20,645	82	65	41 530	1 665,811	9 855,412	5,916	5,451
33	16	98 020	26 866,833	562 391,182	20,933	20,468	83	66	37 895	1 461,571	8 189,601	5,603	5,138
34	17	97 931	25 809,802	535 524,349	20,749	20,284	84	67	34 269	1 270,856	6 728,030	5,294	4,829
35	18	97 837	24 793,454	509 714,546	20,558	20,094	85	68	30 622	1 091,925	5 457,174	4,998	4,533
36	19	97 733	23 814,393	484 921,093	20,363	19,898	86	69	27 030	926,781	4 365,249	4,710	4,245
37	20	97 626	22 873,560	461 106,699	20,159	19,694	87	70	23 509	775,066	3 438,468	4,436	3,972
38	21	97 512	21 968,060	438 233,139	19,949	19,484	88	71	20 094	636,983	2 663,402	4,181	3,716
39	22	97 385	21 095,501	416 265,079	19,732	19,268	89	72	16 893	514,929	2 026,419	3,935	3,471
40	23	97 251	20 256,304	395 169,578	19,508	19,044	90	73	13 864	406,337	1 511,489	3,720	3,255
41	24	97 104	19 447,783	374 913,274	19,278	18,813	91	74	11 238	316,710	1 105,152	3,489	3,025
42	25	96 951	18 670,407	355 465,491	19,039	18,574	92	75	8 825	239,144	788,442	3,297	2,832
43	26	96 782	17 920,915	336 795,085	18,793	18,329	93	76	6 767	176,330	549,298	3,115	2,650
44	27	96 586	17 196,850	318 874,170	18,543	18,078	94	77	5 053	126,584	372,968	2,946	2,482
45	28	96 368	16 498,103	301 677,320	18,286	17,821	95	78	3 667	88,336	246,384	2,789	2,324
46	29	96 131	15 824,421	285 179,216	18,021	17,557	96	79	2 581	59,776	158,048	2,644	2,179
47	30	95 865	15 173,798	269 354,795	17,751	17,286	97	80	1 759	39,173	98,273	2,509	2,044
48	31	95 561	14 543,956	254 180,997	17,477	17,012	98	81	1 158	24,797	59,100	2,383	1,919
49	32	95 226	13 935,510	239 637,042	17,196	16,731	99	82	735	15,135	34,303	2,266	1,802
							100	83	448	8,879	19,168	2,159	1,694

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	32	94 885	13 351,507	226 128,720	16,937	16,472
1							51	33	94 472	12 782,093	212 777,213	16,647	16,182
2							52	34	93 990	12 227,855	199 995,120	16,356	15,891
3							53	35	93 480	11 693,725	187 767,265	16,057	15,592
4							54	36	92 927	11 177,455	176 073,539	15,753	15,288
5							55	37	92 308	10 675,919	164 896,084	15,446	14,981
6							56	38	91 634	10 190,409	154 220,165	15,134	14,669
7							57	39	90 916	9 721,632	144 029,756	14,815	14,351
8							58	40	90 125	9 266,385	134 308,125	14,494	14,029
9							59	41	89 269	8 825,392	125 041,740	14,168	13,704
10							60	42	88 346	8 398,235	116 216,348	13,838	13,373
11							61	43	87 350	7 984,197	107 818,113	13,504	13,039
12							62	44	86 287	7 583,623	99 833,916	13,164	12,700
13							63	45	85 156	7 196,434	92 250,293	12,819	12,354
14							64	46	83 973	6 823,488	85 053,860	12,465	12,000
15							65	47	82 673	6 459,447	78 230,372	12,111	11,646
16							66	48	81 295	6 107,473	71 770,925	11,751	11,287
17							67	49	79 809	5 765,218	65 663,452	11,390	10,925
18	0	99 358	49 045,679	1 126 087,231	22,960	22,495	68	50	78 220	5 433,158	59 898,234	11,025	10,560
19	1	98 997	46 987,994	1 077 041,552	22,922	22,457	69	51	76 553	5 112,867	54 465,076	10,653	10,188
20	2	98 922	45 146,764	1 030 053,559	22,816	22,351	70	52	74 767	4 801,482	49 352,209	10,279	9,814
21	3	98 854	43 380,538	984 906,795	22,704	22,239	71	53	72 864	4 499,307	44 550,727	9,902	9,437
22	4	98 790	41 684,856	941 526,257	22,587	22,122	72	54	70 834	4 205,729	40 051,420	9,523	9,058
23	5	98 725	40 055,520	899 841,401	22,465	22,000	73	55	68 694	3 921,789	35 845,691	9,140	8,675
24	6	98 664	38 490,897	859 785,881	22,337	21,873	74	56	66 407	3 645,427	31 923,902	8,757	8,292
25	7	98 600	36 986,547	821 294,985	22,205	21,740	75	57	63 916	3 373,730	28 278,475	8,382	7,917
26	8	98 537	35 541,398	784 308,438	22,067	21,603	76	58	61 277	3 110,046	24 904,745	8,008	7,543
27	9	98 473	34 152,049	748 767,040	21,925	21,460	77	59	58 468	2 853,328	21 794,699	7,638	7,174
28	10	98 404	32 815,460	714 614,991	21,777	21,312	78	60	55 472	2 602,984	18 941,371	7,277	6,812
29	11	98 338	31 532,128	681 799,531	21,622	21,158	79	61	52 259	2 357,891	16 338,386	6,929	6,464
30	12	98 265	30 296,993	650 267,404	21,463	20,998	80	62	48 900	2 121,507	13 980,495	6,590	6,125
31	13	98 194	29 110,739	619 970,411	21,297	20,832	81	63	45 431	1 895,179	11 858,988	6,257	5,793
32	14	98 116	27 968,611	590 859,672	21,126	20,661	82	64	41 837	1 678,144	9 963,810	5,937	5,473
33	15	98 033	26 870,213	562 891,061	20,949	20,484	83	65	38 194	1 473,076	8 285,666	5,625	5,160
34	16	97 946	25 813,774	536 020,848	20,765	20,300	84	66	34 564	1 281,821	6 812,590	5,315	4,850
35	17	97 853	24 797,433	510 207,073	20,575	20,110	85	67	30 904	1 101,989	5 530,769	5,019	4,554
36	18	97 755	23 819,834	485 409,640	20,378	19,914	86	68	27 295	935,869	4 428,780	4,732	4,267
37	19	97 647	22 878,285	461 589,806	20,176	19,711	87	69	23 762	783,387	3 492,911	4,459	3,994
38	20	97 534	21 972,938	438 711,521	19,966	19,501	88	70	20 330	644,462	2 709,524	4,204	3,739
39	21	97 405	21 099,917	416 738,583	19,751	19,286	89	71	17 114	521,647	2 065,062	3,959	3,494
40	22	97 273	20 260,849	395 638,666	19,527	19,062	90	72	14 068	412,306	1 543,415	3,743	3,279
41	23	97 126	19 452,229	375 377,817	19,297	18,833	91	73	11 424	321,945	1 131,109	3,513	3,049
42	24	96 971	18 674,181	355 925,588	19,060	18,595	92	74	8 993	243,678	809,164	3,321	2,856
43	25	96 803	17 924,858	337 251,406	18,815	18,350	93	75	6 916	180,197	565,486	3,138	2,673
44	26	96 609	17 200,921	319 326,549	18,565	18,100	94	76	5 179	129,762	385,289	2,969	2,504
45	27	96 394	16 502,537	302 125,627	18,308	17,843	95	77	3 772	90,855	255,527	2,812	2,348
46	28	96 155	15 828,424	285 623,091	18,045	17,580	96	78	2 666	61,756	164,672	2,667	2,202
47	29	95 893	15 178,153	269 794,667	17,775	17,310	97	79	1 825	40,649	102,916	2,532	2,067
48	30	95 589	14 548,073	254 616,514	17,502	17,037	98	80	1 208	25,878	62,267	2,406	1,941
49	31	95 255	13 939,720	240 068,441	17,222	16,757	99	81	772	15,891	36,390	2,290	1,825
							100	82	475	9,397	20,498	2,181	1,717

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä_{xy}^{(12)}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä_{xy}^{(12)}$
0							50	31	94 914	13 355,541	226 519,294	16,961	16,496
1							51	32	94 505	12 786,626	213 163,753	16,671	16,206
2							52	33	94 025	12 232,328	200 377,127	16,381	15,916
3							53	34	93 520	11 698,695	188 144,799	16,083	15,618
4							54	35	92 964	11 181,903	176 446,105	15,780	15,315
5							55	36	92 352	10 680,995	165 264,202	15,473	15,008
6							56	37	91 683	10 195,850	154 583,207	15,161	14,697
7							57	38	90 966	9 727,047	144 387,357	14,844	14,379
8							58	39	90 184	9 272,519	134 660,310	14,523	14,058
9							59	40	89 332	8 831,629	125 387,791	14,198	13,733
10							60	41	88 417	8 404,972	116 556,162	13,868	13,403
11							61	42	87 428	7 991,310	108 151,190	13,534	13,069
12							62	43	86 375	7 591,396	100 159,881	13,194	12,729
13							63	44	85 252	7 204,525	92 568,485	12,849	12,384
14							64	45	84 080	6 832,160	85 363,959	12,494	12,030
15							65	46	82 789	6 468,562	78 531,800	12,141	11,676
16							66	47	81 428	6 117,476	72 063,238	11,780	11,315
17							67	48	79 950	5 775,431	65 945,762	11,418	10,954
18							68	49	78 382	5 444,361	60 170,331	11,052	10,587
19	0	99 310	47 136,601	1 077 701,656	22,863	22,399	69	50	76 722	5 124,155	54 725,970	10,680	10,215
20	1	98 948	45 158,684	1 030 565,055	22,821	22,356	70	51	74 950	4 813,260	49 601,815	10,305	9,840
21	2	98 869	43 387,000	985 406,371	22,712	22,247	71	52	73 065	4 511,694	44 788,556	9,927	9,462
22	3	98 801	41 689,514	942 019,371	22,596	22,131	72	53	71 048	4 218,412	40 276,862	9,548	9,083
23	4	98 737	40 060,294	900 329,857	22,474	22,010	73	54	68 914	3 934,344	36 058,450	9,165	8,700
24	5	98 674	38 494,788	860 269,563	22,348	21,883	74	55	66 643	3 658,389	32 124,106	8,781	8,316
25	6	98 609	36 989,768	821 774,775	22,216	21,751	75	56	64 158	3 386,505	28 465,717	8,406	7,941
26	7	98 546	35 544,449	784 785,007	22,079	21,614	76	57	61 523	3 122,525	25 079,212	8,032	7,567
27	8	98 480	34 154,565	749 240,559	21,937	21,472	77	58	58 727	2 865,974	21 956,687	7,661	7,196
28	9	98 411	32 817,723	715 085,994	21,790	21,325	78	59	55 735	2 615,334	19 090,713	7,300	6,835
29	10	98 345	31 534,366	682 268,271	21,636	21,171	79	60	52 542	2 370,668	16 475,379	6,950	6,485
30	11	98 273	30 299,416	650 733,905	21,477	21,012	80	61	49 183	2 133,769	14 104,712	6,610	6,145
31	12	98 202	29 113,083	620 434,489	21,311	20,846	81	62	45 719	1 907,209	11 970,943	6,277	5,812
32	13	98 124	27 971,117	591 321,407	21,140	20,676	82	63	42 121	1 689,528	10 063,734	5,957	5,492
33	14	98 043	26 873,126	563 350,290	20,963	20,499	83	64	38 477	1 483,982	8 374,206	5,643	5,178
34	15	97 958	25 817,022	536 477,164	20,780	20,315	84	65	34 836	1 291,910	6 890,224	5,333	4,869
35	16	97 868	24 801,249	510 660,142	20,590	20,125	85	66	31 170	1 111,497	5 598,314	5,037	4,572
36	17	97 771	23 823,657	485 858,893	20,394	19,929	86	67	27 547	944,495	4 486,817	4,750	4,286
37	18	97 669	22 883,512	462 035,236	20,191	19,726	87	68	23 995	791,068	3 542,322	4,478	4,013
38	19	97 554	21 977,477	439 151,724	19,982	19,517	88	69	20 548	651,381	2 751,254	4,224	3,759
39	20	97 427	21 104,602	417 174,247	19,767	19,302	89	70	17 315	527,771	2 099,873	3,979	3,514
40	21	97 293	20 265,091	396 069,645	19,544	19,080	90	71	14 251	417,685	1 572,101	3,764	3,299
41	22	97 148	19 456,594	375 804,554	19,315	18,850	91	72	11 592	326,675	1 154,417	3,534	3,069
42	23	96 993	18 678,451	356 347,960	19,078	18,613	92	73	9 141	247,706	827,742	3,342	2,877
43	24	96 823	17 928,482	337 669,509	18,834	18,369	93	74	7 047	183,613	580,036	3,159	2,694
44	25	96 630	17 204,706	319 741,028	18,585	18,120	94	75	5 293	132,607	396,422	2,989	2,525
45	26	96 417	16 506,443	302 536,322	18,328	17,864	95	76	3 866	93,136	263,815	2,833	2,368
46	27	96 181	15 832,677	286 029,879	18,066	17,601	96	77	2 742	63,517	170,679	2,687	2,222
47	28	95 917	15 181,992	270 197,201	17,797	17,332	97	78	1 886	41,996	107,162	2,552	2,087
48	29	95 616	14 552,248	255 015,209	17,524	17,059	98	79	1 254	26,852	65,166	2,427	1,962
49	30	95 282	13 943,667	240 462,961	17,245	16,780	99	80	805	16,584	38,314	2,310	1,845
							100	81	498	9,866	21,730	2,202	1,738

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	30	94 940	13 359,322	226 876,419	16,983	16,518
1							51	31	94 534	12 790,489	213 517,097	16,693	16,229
2							52	32	94 058	12 236,665	200 726,608	16,404	15,939
3							53	33	93 554	11 702,974	188 489,943	16,106	15,641
4							54	34	93 004	11 186,655	176 786,969	15,803	15,339
5							55	35	92 389	10 685,245	165 600,315	15,498	15,033
6							56	36	91 727	10 200,698	154 915,070	15,187	14,722
7							57	37	91 015	9 732,241	144 714,372	14,870	14,405
8							58	38	90 235	9 277,684	134 982,131	14,549	14,084
9							59	39	89 391	8 837,475	125 704,447	14,224	13,759
10							60	40	88 480	8 410,912	116 866,972	13,895	13,430
11							61	41	87 498	7 997,720	108 456,060	13,561	13,096
12							62	42	86 452	7 598,159	100 458,340	13,221	12,757
13							63	43	85 340	7 211,910	92 860,181	12,876	12,411
14							64	44	84 174	6 839,842	85 648,271	12,522	12,057
15							65	45	82 895	6 476,782	78 808,430	12,168	11,703
16							66	46	81 543	6 126,108	72 331,647	11,807	11,342
17							67	47	80 081	5 784,890	66 205,539	11,445	10,980
18							68	48	78 520	5 454,006	60 420,649	11,078	10,613
19							69	49	76 881	5 134,721	54 966,643	10,705	10,240
20	0	99 261	45 301,505	1 031 177,352	22,763	22,298	70	50	75 116	4 823,887	49 831,922	10,330	9,865
21	1	98 895	43 398,456	985 875,846	22,717	22,252	71	51	73 244	4 522,760	45 008,036	9,951	9,487
22	2	98 815	41 695,724	942 477,390	22,604	22,139	72	52	71 243	4 230,025	40 485,276	9,571	9,106
23	3	98 748	40 064,770	900 781,666	22,483	22,018	73	53	69 122	3 946,209	36 255,251	9,187	8,723
24	4	98 686	38 499,376	860 716,896	22,357	21,892	74	54	66 857	3 670,101	32 309,043	8,803	8,338
25	5	98 619	36 993,507	822 217,520	22,226	21,761	75	55	64 386	3 398,547	28 638,942	8,427	7,962
26	6	98 554	35 547,544	785 224,013	22,089	21,625	76	56	61 756	3 134,349	25 240,395	8,053	7,588
27	7	98 489	34 157,496	749 676,468	21,948	21,483	77	57	58 963	2 877,474	22 106,046	7,682	7,218
28	8	98 418	32 820,140	715 518,972	21,801	21,336	78	58	55 982	2 626,925	19 228,573	7,320	6,855
29	9	98 351	31 536,541	682 698,832	21,648	21,183	79	59	52 791	2 381,915	16 601,648	6,970	6,505
30	10	98 280	30 301,566	651 162,290	21,489	21,025	80	60	49 449	2 145,331	14 219,733	6,628	6,163
31	11	98 210	29 115,411	620 860,724	21,324	20,859	81	61	45 983	1 918,232	12 074,402	6,295	5,830
32	12	98 132	27 973,368	591 745,313	21,154	20,689	82	62	42 388	1 700,253	10 156,170	5,973	5,509
33	13	98 052	26 875,534	563 771,945	20,977	20,512	83	63	38 738	1 494,049	8 455,917	5,660	5,195
34	14	97 969	25 819,820	536 896,411	20,794	20,329	84	64	35 094	1 301,475	6 961,868	5,349	4,884
35	15	97 880	24 804,369	511 076,591	20,604	20,139	85	65	31 416	1 120,246	5 660,393	5,053	4,588
36	16	97 786	23 827,324	486 272,222	20,408	19,943	86	66	27 784	952,644	4 540,147	4,766	4,301
37	17	97 685	22 887,185	462 444,898	20,205	19,741	87	67	24 216	798,359	3 587,503	4,494	4,029
38	18	97 576	21 982,498	439 557,713	19,996	19,531	88	68	20 749	657,768	2 789,144	4,240	3,775
39	19	97 447	21 108,962	417 575,215	19,782	19,317	89	69	17 501	533,437	2 131,376	3,996	3,531
40	20	97 315	20 269,590	396 466,253	19,560	19,095	90	70	14 418	422,589	1 597,939	3,781	3,316
41	21	97 168	19 460,667	376 196,663	19,331	18,866	91	71	11 743	330,936	1 175,350	3,552	3,087
42	22	97 015	18 682,642	356 735,996	19,095	18,630	92	72	9 275	251,345	844,413	3,360	2,895
43	23	96 845	17 932,581	338 053,354	18,851	18,387	93	73	7 163	186,649	593,068	3,177	2,713
44	24	96 650	17 208,184	320 120,773	18,603	18,138	94	74	5 393	135,122	406,420	3,008	2,543
45	25	96 438	16 510,075	302 912,589	18,347	17,882	95	75	3 951	95,178	271,298	2,850	2,386
46	26	96 203	15 836,425	286 402,514	18,085	17,620	96	76	2 811	65,112	176,120	2,705	2,240
47	27	95 943	15 186,072	270 566,089	17,817	17,352	97	77	1 939	43,193	111,008	2,570	2,105
48	28	95 640	14 555,929	255 380,017	17,545	17,080	98	78	1 295	27,742	67,815	2,444	1,980
49	29	95 309	13 947,669	240 824,088	17,266	16,801	99	79	836	17,208	40,073	2,329	1,864
							100	80	520	10,296	22,864	2,221	1,756

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	29	94 968	13 363,156	227 203,261	17,002	16,537
1							51	30	94 561	12 794,110	213 840,104	16,714	16,249
2							52	31	94 087	12 240,362	201 045,994	16,425	15,960
3							53	32	93 587	11 707,123	188 805,632	16,127	15,663
4							54	33	93 038	11 190,746	177 098,509	15,825	15,361
5							55	34	92 428	10 689,785	165 907,762	15,520	15,055
6							56	35	91 763	10 204,757	155 217,977	15,210	14,746
7							57	36	91 058	9 736,868	145 013,220	14,893	14,428
8							58	37	90 283	9 282,638	135 276,352	14,573	14,108
9							59	38	89 441	8 842,398	125 993,714	14,249	13,784
10							60	39	88 538	8 416,480	117 151,316	13,919	13,454
11							61	40	87 560	8 003,372	108 734,836	13,586	13,121
12							62	41	86 521	7 604,254	100 731,464	13,247	12,782
13							63	42	85 416	7 218,335	93 127,210	12,901	12,437
14							64	43	84 261	6 846,852	85 908,876	12,547	12,082
15							65	44	82 988	6 484,065	79 062,023	12,193	11,728
16							66	45	81 646	6 133,893	72 577,958	11,832	11,367
17							67	46	80 194	5 793,053	66 444,065	11,470	11,005
18							68	47	78 649	5 462,938	60 651,011	11,102	10,637
19							69	48	77 017	5 143,817	55 188,073	10,729	10,264
20							70	49	75 271	4 833,833	50 044,256	10,353	9,888
21	0	99 208	43 535,710	986 444,003	22,658	22,193	71	50	73 405	4 532,745	45 210,423	9,974	9,509
22	1	98 842	41 706,734	942 908,293	22,608	22,143	72	51	71 418	4 240,400	40 677,678	9,593	9,128
23	2	98 763	40 070,739	901 201,559	22,490	22,025	73	52	69 312	3 957,072	36 437,277	9,208	8,743
24	3	98 697	38 503,678	861 130,821	22,365	21,900	74	53	67 058	3 681,169	32 480,205	8,823	8,359
25	4	98 630	36 997,143	822 627,143	22,234	21,770	75	54	64 592	3 409,427	28 799,036	8,447	7,982
26	5	98 564	35 551,138	785 629,226	22,099	21,634	76	55	61 976	3 145,494	25 389,610	8,072	7,607
27	6	98 497	34 160,471	750 078,089	21,957	21,493	77	56	59 186	2 888,369	22 244,116	7,701	7,236
28	7	98 426	32 822,958	715 917,617	21,811	21,347	78	57	56 207	2 637,465	19 355,747	7,339	6,874
29	8	98 359	31 538,864	683 094,660	21,659	21,194	79	58	53 025	2 392,471	16 718,281	6,988	6,523
30	9	98 287	30 303,657	651 555,796	21,501	21,036	80	59	49 684	2 155,509	14 325,810	6,646	6,181
31	10	98 217	29 117,477	621 252,139	21,336	20,871	81	60	46 233	1 928,626	12 170,301	6,310	5,846
32	11	98 140	27 975,606	592 134,662	21,166	20,701	82	61	42 633	1 710,080	10 241,675	5,989	5,524
33	12	98 060	26 877,697	564 159,056	20,990	20,525	83	62	38 983	1 503,533	8 531,595	5,674	5,210
34	13	97 977	25 822,133	537 281,359	20,807	20,342	84	63	35 332	1 310,304	7 028,062	5,364	4,899
35	14	97 891	24 807,058	511 459,226	20,617	20,153	85	64	31 648	1 128,540	5 717,758	5,067	4,602
36	15	97 798	23 830,321	486 652,167	20,422	19,957	86	65	28 003	960,143	4 589,218	4,780	4,315
37	16	97 700	22 890,707	462 821,846	20,219	19,754	87	66	24 425	805,248	3 629,075	4,507	4,042
38	17	97 592	21 986,026	439 931,139	20,010	19,545	88	67	20 941	663,830	2 823,828	4,254	3,789
39	18	97 469	21 113,784	417 945,113	19,795	19,330	89	68	17 672	538,668	2 159,997	4,010	3,545
40	19	97 335	20 273,778	396 831,329	19,574	19,109	90	69	14 573	427,126	1 621,329	3,796	3,331
41	20	97 190	19 464,988	376 557,551	19,345	18,881	91	70	11 881	334,822	1 194,204	3,567	3,102
42	21	97 035	18 686,553	357 092,563	19,110	18,645	92	71	9 396	254,624	859,382	3,375	2,910
43	22	96 867	17 936,605	338 406,010	18,867	18,402	93	72	7 269	189,391	604,758	3,193	2,728
44	23	96 672	17 212,119	320 469,406	18,619	18,154	94	73	5 483	137,355	415,368	3,024	2,559
45	24	96 458	16 513,413	303 257,287	18,364	17,899	95	74	4 026	96,983	278,012	2,867	2,402
46	25	96 225	15 839,909	286 743,874	18,103	17,638	96	75	2 873	66,539	181,029	2,721	2,256
47	26	95 966	15 189,667	270 903,965	17,835	17,370	97	76	1 988	44,278	114,490	2,586	2,121
48	27	95 666	14 559,841	255 714,298	17,563	17,098	98	77	1 332	28,533	70,212	2,461	1,996
49	28	95 333	13 951,197	241 154,457	17,286	16,821	99	78	863	17,779	41,679	2,344	1,880
							100	79	540	10,684	23,900	2,237	1,772

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	28	94 992	13 366,536	227 502,185	17,020	16,555
1							51	29	94 588	12 797,782	214 135,649	16,732	16,267
2							52	30	94 113	12 243,828	201 337,867	16,444	15,979
3							53	31	93 616	11 710,660	189 094,039	16,147	15,682
4							54	32	93 071	11 194,715	177 383,379	15,845	15,380
5							55	33	92 462	10 693,695	166 188,664	15,541	15,076
6							56	34	91 802	10 209,093	155 494,969	15,231	14,766
7							57	35	91 095	9 740,742	145 285,875	14,915	14,450
8							58	36	90 326	9 287,051	135 545,133	14,595	14,130
9							59	37	89 489	8 847,119	126 258,081	14,271	13,806
10							60	38	88 588	8 421,168	117 410,962	13,942	13,478
11							61	39	87 618	8 008,670	108 989,794	13,609	13,144
12							62	40	86 583	7 609,628	100 981,124	13,270	12,805
13							63	41	85 484	7 224,125	93 371,496	12,925	12,460
14							64	42	84 336	6 852,952	86 147,371	12,571	12,106
15							65	43	83 073	6 490,711	79 294,419	12,217	11,752
16							66	44	81 738	6 140,790	72 803,708	11,856	11,391
17							67	45	80 296	5 800,415	66 662,917	11,493	11,028
18							68	46	78 760	5 470,647	60 862,502	11,125	10,660
19							69	47	77 143	5 152,242	55 391,855	10,751	10,286
20							70	48	75 404	4 842,396	50 239,613	10,375	9,910
21							71	49	73 557	4 542,091	45 397,217	9,995	9,530
22	0	99 154	41 838,638	943 435,675	22,549	22,085	72	50	71 576	4 249,762	40 855,126	9,614	9,149
23	1	98 789	40 081,319	901 597,037	22,494	22,029	73	51	69 482	3 966,778	36 605,363	9,228	8,763
24	2	98 711	38 509,414	861 515,719	22,372	21,907	74	52	67 243	3 691,303	32 638,585	8,842	8,377
25	3	98 641	37 002,051	823 006,305	22,242	21,777	75	53	64 787	3 419,282	28 947,282	8,465	8,000
26	4	98 576	35 555,375	786 004,254	22,106	21,642	76	54	62 174	3 155,564	25 527,574	8,090	7,625
27	5	98 507	34 163,924	750 448,879	21,966	21,501	77	55	59 397	2 898,640	22 372,010	7,718	7,253
28	6	98 435	32 825,816	716 284,955	21,821	21,356	78	56	56 419	2 647,452	19 473,371	7,356	6,891
29	7	98 367	31 541,571	683 459,138	21,669	21,204	79	57	53 238	2 402,071	16 825,918	7,005	6,540
30	8	98 294	30 305,889	651 917,567	21,511	21,046	80	58	49 904	2 165,062	14 423,847	6,662	6,197
31	9	98 224	29 119,486	621 611,679	21,347	20,882	81	59	46 452	1 937,776	12 258,785	6,326	5,861
32	10	98 147	27 977,591	592 492,193	21,177	20,713	82	60	42 864	1 719,346	10 321,009	6,003	5,538
33	11	98 068	26 879,847	564 514,602	21,001	20,537	83	61	39 209	1 512,223	8 601,662	5,688	5,223
34	12	97 985	25 824,212	537 634,755	20,819	20,354	84	62	35 557	1 318,621	7 089,439	5,376	4,912
35	13	97 900	24 809,281	511 810,543	20,630	20,165	85	63	31 863	1 136,196	5 770,818	5,079	4,614
36	14	97 809	23 832,904	487 001,262	20,434	19,969	86	64	28 210	967,251	4 634,622	4,792	4,327
37	15	97 712	22 893,587	463 168,358	20,231	19,767	87	65	24 617	811,586	3 667,371	4,519	4,054
38	16	97 607	21 989,410	440 274,771	20,022	19,557	88	66	21 121	669,558	2 855,785	4,265	3,800
39	17	97 485	21 117,173	418 285,361	19,808	19,343	89	67	17 835	543,633	2 186,227	4,022	3,557
40	18	97 357	20 278,409	397 168,188	19,586	19,121	90	68	14 716	431,314	1 642,595	3,808	3,344
41	19	97 210	19 469,009	376 889,778	19,358	18,894	91	69	12 008	338,416	1 211,281	3,579	3,114
42	20	97 057	18 690,702	357 420,769	19,123	18,658	92	70	9 507	257,613	872,864	3,388	2,923
43	21	96 887	17 940,359	338 730,067	18,881	18,416	93	71	7 364	191,861	615,251	3,207	2,742
44	22	96 694	17 215,981	320 789,708	18,633	18,168	94	72	5 563	139,373	423,390	3,038	2,573
45	23	96 480	16 517,189	303 573,728	18,379	17,914	95	73	4 092	98,586	284,017	2,881	2,416
46	24	96 244	15 843,112	287 056,539	18,119	17,654	96	74	2 927	67,801	185,431	2,735	2,270
47	25	95 987	15 193,009	271 213,427	17,851	17,386	97	75	2 032	45,249	117,630	2,600	2,135
48	26	95 688	14 563,287	256 020,418	17,580	17,115	98	76	1 366	29,250	72,381	2,475	2,010
49	27	95 359	13 954,946	241 457,131	17,303	16,838	99	77	888	18,286	43,131	2,359	1,894
							100	78	557	11,038	24,846	2,251	1,786

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß 4,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	27	95 017	13 370,128	227 775,987	17,036	16,571
1							51	28	94 612	12 801,019	214 405,858	16,749	16,284
2							52	29	94 140	12 247,342	201 604,839	16,461	15,996
3							53	30	93 642	11 713,976	189 357,498	16,165	15,700
4							54	31	93 099	11 198,097	177 643,522	15,864	15,399
5							55	32	92 494	10 697,487	166 445,425	15,559	15,094
6							56	33	91 836	10 212,828	155 747,938	15,250	14,785
7							57	34	91 133	9 744,882	145 535,110	14,935	14,470
8							58	35	90 362	9 290,747	135 790,228	14,616	14,151
9							59	36	89 531	8 851,326	126 499,481	14,292	13,827
10							60	37	88 635	8 425,665	117 648,156	13,963	13,498
11							61	38	87 667	8 013,131	109 222,491	13,630	13,166
12							62	39	86 640	7 614,666	101 209,360	13,291	12,827
13							63	40	85 545	7 229,230	93 594,695	12,947	12,482
14							64	41	84 403	6 858,449	86 365,464	12,593	12,128
15							65	42	83 147	6 496,494	79 507,015	12,238	11,774
16							66	43	81 822	6 147,085	73 010,522	11,877	11,412
17							67	44	80 386	5 806,937	66 863,437	11,514	11,050
18							68	45	78 860	5 477,599	61 056,499	11,147	10,682
19							69	46	77 252	5 159,512	55 578,900	10,772	10,307
20							70	47	75 527	4 850,327	50 419,388	10,395	9,930
21							71	48	73 687	4 550,138	45 569,061	10,015	9,550
22							72	49	71 723	4 258,525	41 018,923	9,632	9,167
23	0	99 101	40 208,082	902 086,731	22,435	21,971	73	50	69 635	3 975,536	36 760,398	9,247	8,782
24	1	98 737	38 519,581	861 878,649	22,375	21,910	74	51	67 408	3 700,357	32 784,862	8,860	8,395
25	2	98 656	37 007,563	823 359,067	22,248	21,784	75	52	64 966	3 429,123	29 084,505	8,482	8,017
26	3	98 587	35 559,348	786 351,505	22,114	21,649	76	53	62 362	3 165,080	25 655,382	8,106	7,641
27	4	98 519	34 167,996	750 792,156	21,974	21,509	77	54	59 587	2 907,919	22 490,303	7,734	7,269
28	5	98 445	32 829,135	716 624,160	21,829	21,364	78	55	56 620	2 656,866	19 582,383	7,370	6,906
29	6	98 376	31 544,318	683 795,025	21,677	21,212	79	56	53 439	2 411,167	16 925,517	7,020	6,555
30	7	98 302	30 308,490	652 250,707	21,520	21,056	80	57	50 104	2 173,750	14 514,350	6,677	6,212
31	8	98 231	29 121,631	621 942,217	21,357	20,892	81	58	46 658	1 946,364	12 340,601	6,340	5,876
32	9	98 154	27 979,521	592 820,586	21,188	20,723	82	59	43 068	1 727,503	10 394,236	6,017	5,552
33	10	98 075	26 881,755	564 841,065	21,012	20,547	83	60	39 421	1 520,417	8 666,733	5,700	5,235
34	11	97 993	25 826,278	537 959,311	20,830	20,365	84	61	35 762	1 326,243	7 146,316	5,388	4,924
35	12	97 908	24 811,278	512 133,033	20,641	20,176	85	62	32 065	1 143,408	5 820,073	5,090	4,625
36	13	97 817	23 835,039	487 321,755	20,446	19,981	86	63	28 402	973,813	4 676,665	4,802	4,338
37	14	97 722	22 896,068	463 486,716	20,243	19,778	87	64	24 799	817,595	3 702,853	4,529	4,064
38	15	97 619	21 992,176	440 590,647	20,034	19,569	88	65	21 288	674,828	2 885,258	4,276	3,811
39	16	97 500	21 120,423	418 598,471	19,820	19,355	89	66	17 989	548,323	2 210,430	4,031	3,566
40	17	97 373	20 281,664	397 478,048	19,598	19,133	90	67	14 852	435,289	1 662,106	3,818	3,354
41	18	97 232	19 473,457	377 196,384	19,370	18,905	91	68	12 126	341,735	1 226,817	3,590	3,125
42	19	97 077	18 694,563	357 722,927	19,135	18,670	92	69	9 609	260,379	885,082	3,399	2,934
43	20	96 908	17 944,343	339 028,364	18,893	18,429	93	70	7 450	194,114	624,703	3,218	2,753
44	21	96 714	17 219,584	321 084,021	18,646	18,182	94	71	5 636	141,191	430,590	3,050	2,585
45	22	96 501	16 520,895	303 864,437	18,393	17,928	95	72	4 153	100,034	289,398	2,893	2,428
46	23	96 266	15 846,734	287 343,542	18,133	17,668	96	73	2 975	68,922	189,364	2,748	2,283
47	24	96 006	15 196,081	271 496,808	17,866	17,401	97	74	2 070	46,107	120,442	2,612	2,147
48	25	95 710	14 566,492	256 300,727	17,595	17,130	98	75	1 396	29,891	74,336	2,487	2,022
49	26	95 382	13 958,249	241 734,236	17,318	16,854	99	76	910	18,745	44,445	2,371	1,906
							100	77	573	11,353	25,700	2,264	1,799

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	26	95 040	13 373,293	228 026,579	17,051	16,586
1							51	27	94 637	12 804,459	214 653,286	16,764	16,299
2							52	28	94 164	12 250,439	201 848,827	16,477	16,012
3							53	29	93 669	11 717,338	189 598,388	16,181	15,716
4							54	30	93 125	11 201,267	177 881,050	15,880	15,416
5							55	31	92 522	10 700,719	166 679,783	15,577	15,112
6							56	32	91 869	10 216,449	155 979,064	15,267	14,803
7							57	33	91 167	9 748,446	145 762,615	14,952	14,488
8							58	34	90 400	9 294,695	136 014,169	14,634	14,169
9							59	35	89 567	8 854,848	126 719,474	14,311	13,846
10							60	36	88 677	8 429,670	117 864,626	13,982	13,517
11							61	37	87 714	8 017,410	109 434,955	13,650	13,185
12							62	38	86 688	7 618,907	101 417,546	13,311	12,846
13							63	39	85 601	7 234,016	93 798,638	12,966	12,502
14							64	40	84 463	6 863,296	86 564,622	12,613	12,148
15							65	41	83 214	6 501,705	79 701,326	12,259	11,794
16							66	42	81 895	6 152,561	73 199,622	11,897	11,433
17							67	43	80 468	5 812,889	67 047,061	11,534	11,069
18							68	44	78 949	5 483,758	61 234,171	11,166	10,702
19							69	45	77 350	5 166,069	55 750,413	10,792	10,327
20							70	46	75 634	4 857,171	50 584,344	10,414	9,950
21							71	47	73 808	4 557,590	45 727,172	10,033	9,568
22							72	48	71 850	4 266,069	41 169,582	9,650	9,186
23							73	49	69 779	3 983,733	36 903,513	9,264	8,799
24	0	99 050	38 641,406	862 333,490	22,316	21,851	74	50	67 557	3 708,527	32 919,779	8,877	8,412
25	1	98 682	37 017,334	823 692,084	22,252	21,787	75	51	65 125	3 437,533	29 211,253	8,498	8,033
26	2	98 602	35 564,645	786 674,750	22,120	21,655	76	52	62 533	3 173,793	25 773,719	8,121	7,656
27	3	98 530	34 171,815	751 110,105	21,980	21,516	77	53	59 766	2 916,689	22 599,926	7,748	7,284
28	4	98 457	32 833,048	716 938,290	21,836	21,371	78	54	56 801	2 665,372	19 683,238	7,385	6,920
29	5	98 386	31 547,507	684 105,243	21,685	21,220	79	55	53 629	2 419,740	17 017,866	7,033	6,568
30	6	98 311	30 311,130	652 557,736	21,529	21,064	80	56	50 294	2 181,981	14 598,126	6,690	6,225
31	7	98 240	29 124,130	622 246,606	21,365	20,901	81	57	46 845	1 954,174	12 416,145	6,354	5,889
32	8	98 161	27 981,582	593 122,476	21,197	20,732	82	58	43 259	1 735,159	10 461,971	6,029	5,565
33	9	98 082	26 883,609	565 140,894	21,022	20,557	83	59	39 608	1 527,631	8 726,811	5,713	5,248
34	10	98 000	25 828,111	538 257,285	20,840	20,375	84	60	35 956	1 333,429	7 199,181	5,399	4,934
35	11	97 915	24 813,262	512 429,174	20,651	20,187	85	61	32 251	1 150,017	5 865,751	5,101	4,636
36	12	97 825	23 836,958	487 615,912	20,456	19,991	86	62	28 582	979,994	4 715,735	4,812	4,347
37	13	97 731	22 898,120	463 778,954	20,254	19,789	87	63	24 967	823,141	3 735,741	4,538	4,074
38	14	97 630	21 994,560	440 880,834	20,045	19,580	88	64	21 445	679,825	2 912,600	4,284	3,820
39	15	97 512	21 123,080	418 886,274	19,831	19,366	89	65	18 130	552,639	2 232,775	4,040	3,575
40	16	97 388	20 284,785	397 763,194	19,609	19,144	90	66	14 980	439,045	1 680,136	3,827	3,362
41	17	97 248	19 476,582	377 478,409	19,381	18,916	91	67	12 238	344,884	1 241,091	3,599	3,134
42	18	97 099	18 698,834	358 001,826	19,146	18,681	92	68	9 703	262,932	896,207	3,409	2,944
43	19	96 928	17 948,050	339 302,992	18,905	18,440	93	69	7 530	196,198	633,275	3,228	2,763
44	20	96 736	17 223,408	321 354,942	18,658	18,193	94	70	5 702	142,849	437,077	3,060	2,595
45	21	96 522	16 524,353	304 131,534	18,405	17,940	95	71	4 207	101,339	294,228	2,903	2,439
46	22	96 288	15 850,290	287 607,181	18,145	17,680	96	72	3 019	69,934	192,889	2,758	2,293
47	23	96 028	15 199,555	271 756,891	17,879	17,414	97	73	2 104	46,869	122,954	2,623	2,159
48	24	95 729	14 569,437	256 557,336	17,609	17,144	98	74	1 422	30,458	76,085	2,498	2,033
49	25	95 403	13 961,320	241 987,900	17,333	16,868	99	75	930	19,156	45,628	2,382	1,917
							100	76	588	11,638	26,472	2,275	1,810

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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25	0	98 994	37 134,407	824 114,677	22,193	21,728
26	1	98 628	35 574,036	786 980,270	22,122	21,658
27	2	98 545	34 176,905	751 406,234	21,986	21,521
28	3	98 468	32 836,717	717 229,329	21,842	21,377
29	4	98 397	31 551,267	684 392,612	21,691	21,227
30	5	98 321	30 314,194	652 841,345	21,536	21,071
31	6	98 248	29 126,667	622 527,152	21,373	20,908
32	7	98 169	27 983,984	593 400,485	21,205	20,740
33	8	98 089	26 885,589	565 416,501	21,030	20,566
34	9	98 007	25 829,892	538 530,912	20,849	20,384
35	10	97 922	24 815,023	512 701,020	20,661	20,196
36	11	97 833	23 838,865	487 885,996	20,466	20,001
37	12	97 739	22 899,963	464 047,132	20,264	19,799
38	13	97 638	21 996,531	441 147,169	20,055	19,590
39	14	97 522	21 125,370	419 150,638	19,841	19,376
40	15	97 400	20 287,337	398 025,268	19,619	19,155
41	16	97 263	19 479,580	377 737,931	19,391	18,927
42	17	97 115	18 701,835	358 258,351	19,156	18,691
43	18	96 951	17 952,150	339 556,516	18,915	18,450
44	19	96 756	17 226,966	321 604,366	18,669	18,204
45	20	96 543	16 528,022	304 377,400	18,416	17,951
46	21	96 308	15 853,608	287 849,378	18,157	17,692
47	22	96 050	15 202,965	271 995,770	17,891	17,426
48	23	95 751	14 572,768	256 792,804	17,621	17,157
49	24	95 422	13 964,143	242 220,037	17,346	16,881

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
50	25	95 061	13 376,236	228 255,894	17,064	16,599
51	26	94 660	12 807,490	214 879,658	16,778	16,313
52	27	94 189	12 253,731	202 072,168	16,491	16,026
53	28	93 693	11 720,301	189 818,437	16,196	15,731
54	29	93 152	11 204,482	178 098,135	15,895	15,430
55	30	92 549	10 703,749	166 893,653	15,592	15,127
56	31	91 896	10 219,536	156 189,904	15,283	14,819
57	32	91 199	9 751,903	145 970,369	14,968	14,504
58	33	90 433	9 298,095	136 218,466	14,650	14,185
59	34	89 605	8 858,611	126 920,371	14,327	13,863
60	35	88 712	8 433,025	118 061,760	14,000	13,535
61	36	87 755	8 021,222	109 628,736	13,667	13,203
62	37	86 734	7 622,975	101 607,514	13,329	12,864
63	38	85 649	7 238,046	93 984,539	12,985	12,520
64	39	84 519	6 867,840	86 746,493	12,631	12,166
65	40	83 272	6 506,300	79 878,654	12,277	11,812
66	41	81 960	6 157,496	73 372,354	11,916	11,451
67	42	80 540	5 818,068	67 214,858	11,553	11,088
68	43	79 030	5 489,379	61 396,790	11,185	10,720
69	44	77 437	5 171,878	55 907,411	10,810	10,345
70	45	75 730	4 863,344	50 735,533	10,432	9,967
71	46	73 912	4 564,021	45 872,188	10,051	9,586
72	47	71 968	4 273,056	41 308,167	9,667	9,202
73	48	69 903	3 990,791	37 035,111	9,280	8,815
74	49	67 696	3 716,173	33 044,320	8,892	8,427
75	50	65 269	3 445,123	29 328,147	8,513	8,048
76	51	62 687	3 181,578	25 883,024	8,135	7,670
77	52	59 931	2 924,718	22 701,446	7,762	7,297
78	53	56 973	2 673,409	19 776,728	7,398	6,933
79	54	53 801	2 427,487	17 103,319	7,046	6,581
80	55	50 473	2 189,739	14 675,832	6,702	6,237
81	56	47 022	1 961,574	12 486,093	6,365	5,901
82	57	43 432	1 742,122	10 524,519	6,041	5,576
83	58	39 784	1 534,401	8 782,397	5,724	5,259
84	59	36 127	1 339,756	7 247,996	5,410	4,945
85	60	32 425	1 156,248	5 908,240	5,110	4,645
86	61	28 747	985,658	4 751,992	4,821	4,356
87	62	25 126	828,366	3 766,334	4,547	4,082
88	63	21 591	684,436	2 937,968	4,293	3,828
89	64	18 265	556,731	2 253,532	4,048	3,583
90	65	15 098	442,501	1 696,801	3,835	3,370
91	66	12 344	347,860	1 254,300	3,606	3,141
92	67	9 793	265,355	906,440	3,416	2,951
93	68	7 604	198,122	641,085	3,236	2,771
94	69	5 763	144,382	442,963	3,068	2,603
95	70	4 256	102,529	298,581	2,912	2,447
96	71	3 059	70,847	196,051	2,767	2,302
97	72	2 135	47,557	125,205	2,633	2,168
98	73	1 446	30,961	77,647	2,508	2,043
99	74	948	19,519	46,686	2,392	1,927
100	75	601	11,893	27,167	2,284	1,819

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	0	100 000	100 000,000	2 296 057,201	22,961	22,495	50	50	93 336	11 647,797	179 802,081	15,437	14,971
1	1	99 299	95 251,001	2 196 057,201	23,055	22,590	51	51	92 757	11 103,731	168 154,283	15,144	14,679
2	2	99 240	91 313,860	2 100 806,199	23,006	22,541	52	52	92 093	10 574,733	157 050,552	14,851	14,386
3	3	99 207	87 561,657	2 009 492,339	22,949	22,484	53	53	91 380	10 065,141	146 475,820	14,553	14,088
4	4	99 182	83 970,934	1 921 930,682	22,888	22,423	54	54	90 602	9 572,652	136 410,679	14,250	13,785
5	5	99 157	80 527,364	1 837 959,748	22,824	22,359	55	55	89 754	9 096,413	126 838,027	13,944	13,479
6	6	99 136	77 228,322	1 757 432,385	22,756	22,291	56	56	88 831	8 635,831	117 741,614	13,634	13,169
7	7	99 117	74 065,647	1 680 204,063	22,685	22,220	57	57	87 851	8 192,368	109 105,783	13,318	12,853
8	8	99 101	71 034,233	1 606 138,416	22,611	22,146	58	58	86 796	7 764,011	100 913,416	12,998	12,532
9	9	99 085	68 127,660	1 535 104,183	22,533	22,068	59	59	85 653	7 349,425	93 149,405	12,674	12,209
10	10	99 070	65 340,633	1 466 976,523	22,451	21,986	60	60	84 435	6 949,560	85 799,980	12,346	11,881
11	11	99 055	62 666,817	1 401 635,890	22,366	21,901	61	61	83 107	6 561,417	78 850,419	12,017	11,552
12	12	99 038	60 102,090	1 338 969,073	22,278	21,813	62	62	81 707	6 187,887	72 289,003	11,682	11,217
13	13	99 019	57 640,828	1 278 866,983	22,187	21,722	63	63	80 218	5 827,473	66 101,116	11,343	10,878
14	14	98 999	55 279,879	1 221 226,155	22,092	21,626	64	64	78 670	5 482,038	60 273,643	10,995	10,530
15	15	98 974	53 012,557	1 165 946,276	21,994	21,529	65	65	76 991	5 146,323	54 791,605	10,647	10,182
16	16	98 944	50 835,925	1 112 933,718	21,893	21,427	66	66	75 240	4 824,209	49 645,281	10,291	9,826
17	17	98 903	48 743,313	1 062 097,793	21,790	21,324	67	67	73 362	4 512,064	44 821,072	9,934	9,468
18	18	98 853	46 732,834	1 013 354,480	21,684	21,219	68	68	71 392	4 211,913	40 309,008	9,570	9,105
19	19	98 783	44 795,841	966 621,646	21,578	21,113	69	69	69 345	3 924,359	36 097,095	9,198	8,733
20	20	98 714	42 939,763	921 825,805	21,468	21,003	70	70	67 172	3 646,391	32 172,737	8,823	8,358
21	21	98 639	41 157,927	878 886,042	21,354	20,889	71	71	64 881	3 378,434	28 526,346	8,444	7,978
22	22	98 566	39 450,432	837 728,115	21,235	20,770	72	72	62 449	3 119,229	25 147,912	8,062	7,597
23	23	98 491	37 813,548	798 277,682	21,111	20,646	73	73	59 876	2 868,811	22 028,683	7,679	7,213
24	24	98 417	36 244,740	760 464,134	20,981	20,516	74	74	57 144	2 626,303	19 159,872	7,295	6,830
25	25	98 342	34 740,658	724 219,395	20,846	20,381	75	75	54 182	2 388,626	16 533,569	6,922	6,457
26	26	98 266	33 298,738	689 478,737	20,706	20,241	76	76	51 034	2 158,144	14 144,944	6,554	6,089
27	27	98 186	31 915,121	656 179,999	20,560	20,095	77	77	47 712	1 935,413	11 986,800	6,193	5,728
28	28	98 098	30 586,428	624 264,878	20,410	19,945	78	78	44 221	1 720,664	10 051,387	5,842	5,376
29	29	98 014	29 314,454	593 678,449	20,252	19,787	79	79	40 542	1 513,203	8 330,723	5,505	5,040
30	30	97 921	28 092,827	564 363,995	20,089	19,624	80	80	36 771	1 316,489	6 817,520	5,179	4,713
31	31	97 831	26 922,690	536 271,168	19,919	19,454	81	81	32 943	1 131,358	5 501,031	4,862	4,397
32	32	97 732	25 798,895	509 348,478	19,743	19,278	82	82	29 089	958,289	4 369,673	4,560	4,095
33	33	97 625	24 720,185	483 549,582	19,561	19,096	83	83	25 277	798,764	3 411,385	4,271	3,806
34	34	97 515	23 685,643	458 829,398	19,372	18,906	84	84	21 610	655,023	2 612,621	3,989	3,523
35	35	97 396	22 692,377	435 143,754	19,176	18,711	85	85	18 078	525,648	1 957,598	3,724	3,259
36	36	97 276	21 740,333	412 451,377	18,972	18,506	86	86	14 781	412,249	1 431,950	3,474	3,008
37	37	97 144	20 825,766	390 711,044	18,761	18,296	87	87	11 769	314,874	1 019,701	3,238	2,773
38	38	97 000	19 947,147	369 885,278	18,543	18,078	88	88	9 075	232,904	704,826	3,026	2,561
39	39	96 839	19 102,282	349 938,130	18,319	17,854	89	89	6 784	167,007	471,923	2,826	2,361
40	40	96 664	18 290,389	330 835,848	18,088	17,623	90	90	4 850	114,524	304,916	2,662	2,197
41	41	96 472	17 509,855	312 545,459	17,850	17,384	91	91	3 378	76,509	190,392	2,489	2,023
42	42	96 263	16 759,578	295 035,604	17,604	17,139	92	92	2 223	48,290	113,883	2,358	1,893
43	43	96 030	16 037,460	278 276,026	17,352	16,886	93	93	1 412	29,431	65,593	2,229	1,763
44	44	95 760	15 340,498	262 238,566	17,095	16,629	94	94	857	17,128	36,162	2,111	1,646
45	45	95 463	14 669,337	246 898,068	16,831	16,366	95	95	495	9,494	19,034	2,005	1,540
46	46	95 130	14 022,319	232 228,731	16,561	16,096	96	96	272	4,999	9,540	1,908	1,443
47	47	94 761	13 398,488	218 206,412	16,286	15,821	97	97	141	2,494	4,541	1,821	1,356
48	48	94 333	12 794,212	204 807,923	16,008	15,543	98	98	69	1,175	2,047	1,742	1,277
49	49	93 864	12 211,630	192 013,711	15,724	15,259	99	99	32	0,522	0,872	1,670	1,205
							100	100	14	0,218	0,350	1,605	1,140

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	1	99 685	99 684,731	2 293 533,368	23,008	22,543	50	51	93 130	11 622,137	178 116,392	15,326	14,860
1	2	99 273	95 225,859	2 193 848,636	23,038	22,573	51	52	92 530	11 076,563	166 494,255	15,031	14,566
2	3	99 226	91 300,260	2 098 622,778	22,986	22,521	52	53	91 840	10 545,701	155 417,692	14,738	14,272
3	4	99 196	87 551,873	2 007 322,518	22,927	22,462	53	54	91 105	10 034,880	144 871,991	14,437	13,972
4	5	99 170	83 960,926	1 919 770,644	22,865	22,400	54	55	90 313	9 542,104	134 837,111	14,131	13,666
5	6	99 147	80 519,224	1 835 809,718	22,800	22,334	55	56	89 436	9 064,183	125 295,008	13,823	13,358
6	7	99 128	77 221,596	1 755 290,494	22,731	22,265	56	57	88 496	8 603,254	116 230,825	13,510	13,045
7	8	99 109	74 059,290	1 678 068,898	22,658	22,193	57	58	87 500	8 159,626	107 627,571	13,190	12,725
8	9	99 093	71 029,002	1 604 009,608	22,582	22,117	58	59	86 413	7 729,753	99 467,944	12,868	12,403
9	10	99 078	68 122,960	1 532 980,606	22,503	22,038	59	60	85 248	7 314,721	91 738,191	12,542	12,076
10	11	99 063	65 335,996	1 464 857,646	22,420	21,955	60	61	83 980	6 912,107	84 423,470	12,214	11,749
11	12	99 047	62 661,806	1 399 521,650	22,335	21,869	61	62	82 629	6 523,710	77 511,363	11,881	11,416
12	13	99 030	60 097,251	1 336 859,844	22,245	21,780	62	63	81 191	6 148,856	70 987,653	11,545	11,080
13	14	99 010	57 635,665	1 276 762,593	22,152	21,687	63	64	79 678	5 788,208	64 838,797	11,202	10,737
14	15	98 989	55 273,887	1 219 126,927	22,056	21,591	64	65	78 092	5 441,749	59 050,589	10,851	10,386
15	16	98 961	53 005,889	1 163 853,040	21,957	21,492	65	66	76 390	5 106,131	53 608,840	10,499	10,034
16	17	98 928	50 828,103	1 110 847,151	21,855	21,390	66	67	74 596	4 782,942	48 502,709	10,141	9,676
17	18	98 887	48 735,491	1 060 019,048	21,750	21,285	67	68	72 692	4 470,858	43 719,767	9,779	9,314
18	19	98 831	46 722,160	1 011 283,557	21,645	21,179	68	69	70 699	4 171,012	39 248,909	9,410	8,945
19	20	98 763	44 786,589	964 561,397	21,537	21,072	69	70	68 609	3 882,676	35 077,896	9,034	8,569
20	21	98 693	42 930,231	919 774,808	21,425	20,960	70	71	66 392	3 604,076	31 195,220	8,656	8,190
21	22	98 619	41 149,313	876 844,578	21,309	20,844	71	72	64 045	3 334,929	27 591,145	8,273	7,808
22	23	98 543	39 441,583	835 695,265	21,188	20,723	72	73	61 545	3 074,069	24 256,216	7,891	7,425
23	24	98 469	37 804,905	796 253,682	21,062	20,597	73	74	58 903	2 822,161	21 182,146	7,506	7,040
24	25	98 397	36 237,413	758 448,777	20,930	20,465	74	75	56 081	2 577,433	18 359,985	7,123	6,658
25	26	98 321	34 733,016	722 211,364	20,793	20,328	75	76	53 019	2 337,371	15 782,552	6,752	6,287
26	27	98 243	33 290,857	687 478,348	20,651	20,185	76	77	49 784	2 105,285	13 445,181	6,386	5,921
27	28	98 160	31 906,547	654 187,491	20,503	20,038	77	78	46 390	1 881,756	11 339,896	6,026	5,561
28	29	98 073	30 578,694	622 280,944	20,350	19,885	78	79	42 803	1 665,485	9 458,140	5,679	5,214
29	30	97 986	29 306,044	591 702,250	20,190	19,725	79	80	39 070	1 458,265	7 792,655	5,344	4,879
30	31	97 894	28 084,876	562 396,207	20,025	19,560	80	81	35 235	1 261,505	6 334,390	5,021	4,556
31	32	97 801	26 914,559	534 311,331	19,852	19,387	81	82	31 375	1 077,516	5 072,885	4,708	4,243
32	33	97 697	25 789,750	507 396,772	19,674	19,209	82	83	27 485	905,444	3 995,369	4,413	3,947
33	34	97 589	24 711,146	481 607,021	19,489	19,024	83	84	23 692	748,672	3 089,925	4,127	3,662
34	35	97 474	23 675,582	456 895,875	19,298	18,833	84	85	20 047	607,654	2 341,252	3,853	3,388
35	36	97 358	22 683,351	433 220,293	19,099	18,633	85	86	16 582	482,148	1 733,598	3,596	3,130
36	37	97 230	21 730,002	410 536,942	18,893	18,427	86	87	13 388	373,406	1 251,450	3,351	2,886
37	38	97 092	20 814,652	388 806,940	18,679	18,214	87	88	10 495	280,776	878,044	3,127	2,662
38	39	96 946	19 936,042	367 992,288	18,459	17,993	88	89	7 966	204,423	597,268	2,922	2,457
39	40	96 775	19 089,645	348 056,246	18,233	17,768	89	90	5 824	143,373	392,845	2,740	2,275
40	41	96 596	18 277,472	328 966,601	17,998	17,533	90	91	4 099	96,796	249,473	2,577	2,112
41	42	96 395	17 495,821	310 689,129	17,758	17,293	91	92	2 778	62,914	152,677	2,427	1,962
42	43	96 177	16 744,661	293 193,308	17,510	17,044	92	93	1 802	39,152	89,763	2,293	1,827
43	44	95 932	16 021,038	276 448,647	17,255	16,790	93	94	1 119	23,331	50,610	2,169	1,704
44	45	95 653	15 323,268	260 427,608	16,996	16,530	94	95	663	13,259	27,279	2,057	1,592
45	46	95 341	14 650,718	245 104,340	16,730	16,265	95	96	374	7,168	14,019	1,956	1,491
46	47	94 996	14 002,560	230 453,622	16,458	15,993	96	97	200	3,676	6,852	1,864	1,399
47	48	94 606	13 376,580	216 451,062	16,181	15,716	97	98	101	1,783	3,176	1,781	1,316
48	49	94 166	12 771,587	203 074,482	15,900	15,435	98	99	48	0,817	1,393	1,706	1,240
49	50	93 671	12 186,503	190 302,895	15,616	15,151	99	100	22	0,352	0,576	1,637	1,172

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 658	99 658,418	2 291 144,875	22,990	22,525	50	52	92 902	11 593,700	176 300,514	15,207	14,741
1	3	99 258	95 211,675	2 191 486,457	23,017	22,552	51	53	92 276	11 046,153	164 706,813	14,911	14,446
2	4	99 215	91 290,059	2 096 274,782	22,963	22,498	52	54	91 564	10 513,995	153 660,660	14,615	14,150
3	5	99 184	87 541,439	2 004 984,723	22,903	22,438	53	55	90 815	10 002,856	143 146,665	14,311	13,845
4	6	99 160	83 952,440	1 917 443,284	22,840	22,374	54	56	89 993	9 508,294	133 143,809	14,003	13,538
5	7	99 138	80 512,212	1 833 490,844	22,773	22,308	55	57	89 099	9 029,991	123 635,515	13,692	13,226
6	8	99 119	77 214,968	1 752 978,632	22,703	22,237	56	58	88 142	8 568,871	114 605,524	13,375	12,909
7	9	99 101	74 053,836	1 675 763,664	22,629	22,164	57	59	87 113	8 123,624	106 036,653	13,053	12,588
8	10	99 086	71 024,102	1 601 709,828	22,552	22,086	58	60	86 005	7 693,253	97 913,029	12,727	12,262
9	11	99 071	68 118,125	1 530 685,726	22,471	22,006	59	61	84 789	7 275,300	90 219,776	12,401	11,936
10	12	99 055	65 330,771	1 462 567,601	22,387	21,922	60	62	83 497	6 872,385	82 944,476	12,069	11,604
11	13	99 039	62 656,762	1 397 236,830	22,300	21,835	61	63	82 108	6 482,561	76 072,092	11,735	11,270
12	14	99 021	60 091,868	1 334 580,068	22,209	21,744	62	64	80 644	6 107,426	69 589,531	11,394	10,929
13	15	99 000	57 629,418	1 274 488,200	22,115	21,650	63	65	79 092	5 745,668	63 482,105	11,049	10,583
14	16	98 976	55 266,934	1 216 858,781	22,018	21,553	64	66	77 482	5 399,249	57 736,437	10,693	10,228
15	17	98 946	52 997,733	1 161 591,847	21,918	21,453	65	67	75 736	5 062,452	52 337,188	10,338	9,873
16	18	98 913	50 819,947	1 108 594,114	21,814	21,349	66	68	73 915	4 739,263	47 274,736	9,975	9,510
17	19	98 864	48 724,359	1 057 774,168	21,709	21,244	67	69	71 986	4 427,444	42 535,473	9,607	9,142
18	20	98 810	46 712,510	1 009 049,809	21,601	21,136	68	70	69 948	4 126,710	38 108,030	9,234	8,769
19	21	98 741	44 776,647	962 337,299	21,492	21,027	69	71	67 813	3 837,619	33 981,320	8,855	8,390
20	22	98 672	42 921,246	917 560,652	21,378	20,913	70	72	65 537	3 557,665	30 143,701	8,473	8,008
21	23	98 597	41 140,082	874 639,406	21,260	20,795	71	73	63 118	3 286,647	26 586,036	8,089	7,624
22	24	98 521	39 432,567	833 499,324	21,137	20,672	72	74	60 544	3 024,081	23 299,389	7,705	7,239
23	25	98 449	37 797,263	794 066,757	21,009	20,543	73	75	57 807	2 769,648	20 275,307	7,321	6,855
24	26	98 376	36 229,442	756 269,494	20,874	20,409	74	76	54 878	2 522,127	17 505,660	6,941	6,476
25	27	98 297	34 724,796	720 040,052	20,736	20,270	75	77	51 721	2 280,122	14 983,533	6,571	6,106
26	28	98 217	33 281,913	685 315,257	20,591	20,126	76	78	48 404	2 046,919	12 703,411	6,206	5,741
27	29	98 135	31 898,479	652 033,343	20,441	19,976	77	79	44 902	1 821,411	10 656,492	5,851	5,385
28	30	98 045	30 569,920	620 134,864	20,286	19,821	78	80	41 249	1 605,018	8 835,081	5,505	5,039
29	31	97 958	29 297,749	589 564,944	20,123	19,658	79	81	37 438	1 397,359	7 230,063	5,174	4,709
30	32	97 864	28 076,393	560 267,195	19,955	19,490	80	82	33 558	1 201,470	5 832,703	4,855	4,389
31	33	97 767	26 905,018	532 190,802	19,780	19,315	81	83	29 645	1 018,097	4 631,234	4,549	4,084
32	34	97 661	25 780,321	505 285,783	19,600	19,134	82	84	25 762	848,663	3 613,137	4,257	3,792
33	35	97 548	24 700,649	479 505,462	19,413	18,947	83	85	21 979	694,532	2 764,474	3,980	3,515
34	36	97 435	23 666,165	454 804,813	19,218	18,752	84	86	18 388	557,368	2 069,942	3,714	3,249
35	37	97 311	22 672,572	431 138,648	19,016	18,551	85	87	15 020	436,719	1 512,574	3,463	2,998
36	38	97 178	21 718,405	408 466,076	18,807	18,342	86	88	11 938	332,969	1 075,856	3,231	2,766
37	39	97 038	20 803,064	386 747,671	18,591	18,126	87	89	9 211	246,441	742,886	3,014	2,549
38	40	96 882	19 922,854	365 944,607	18,368	17,903	88	90	6 838	175,493	496,445	2,829	2,364
39	41	96 707	19 076,164	346 021,753	18,139	17,674	89	91	4 923	121,179	320,952	2,649	2,183
40	42	96 518	18 262,822	326 945,590	17,902	17,437	90	92	3 371	79,597	199,773	2,510	2,045
41	43	96 309	17 480,249	308 682,767	17,659	17,194	91	93	2 252	51,009	120,176	2,356	1,891
42	44	96 078	16 727,515	291 202,519	17,409	16,943	92	94	1 429	31,038	69,167	2,228	1,763
43	45	95 824	16 003,044	274 475,003	17,151	16,686	93	95	867	18,061	38,129	2,111	1,646
44	46	95 532	15 303,820	258 471,959	16,889	16,424	94	96	501	10,010	20,068	2,005	1,540
45	47	95 207	14 630,074	243 168,140	16,621	16,156	95	97	275	5,270	10,058	1,908	1,443
46	48	94 841	13 979,664	228 538,066	16,348	15,883	96	98	143	2,629	4,788	1,821	1,356
47	49	94 439	13 352,925	214 558,402	16,068	15,603	97	99	70	1,239	2,159	1,742	1,277
48	50	93 973	12 745,307	201 205,477	15,787	15,321	98	100	33	0,550	0,920	1,670	1,205
49	51	93 465	12 159,656	188 460,170	15,499	15,034							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	3	99 644	99 643,575	2 288 593,183	22,968	22,503	50	53	92 647	11 561,871	174 348,773	15,080	14,614
1	4	99 247	95 201,037	2 188 949,608	22,993	22,528	51	54	91 999	11 012,943	162 786,902	14,781	14,316
2	5	99 203	91 279,179	2 093 748,571	22,938	22,473	52	55	91 271	10 480,443	151 773,959	14,482	14,016
3	6	99 174	87 532,591	2 002 469,392	22,877	22,412	53	56	90 493	9 967,414	141 293,517	14,176	13,710
4	7	99 152	83 945,129	1 914 936,802	22,812	22,347	54	57	89 654	9 472,427	131 326,102	13,864	13,399
5	8	99 130	80 505,302	1 830 991,673	22,744	22,279	55	58	88 742	8 993,902	121 853,675	13,548	13,083
6	9	99 112	77 209,282	1 750 486,371	22,672	22,207	56	59	87 753	8 531,062	112 859,774	13,229	12,764
7	10	99 095	74 048,727	1 673 277,090	22,597	22,132	57	60	86 702	8 085,264	104 328,711	12,904	12,438
8	11	99 079	71 019,061	1 599 228,362	22,518	22,053	58	61	85 541	7 651,792	96 243,448	12,578	12,113
9	12	99 063	68 112,678	1 528 209,301	22,436	21,971	59	62	84 302	7 233,491	88 591,656	12,247	11,782
10	13	99 047	65 325,512	1 460 096,623	22,351	21,886	60	63	82 970	6 829,036	81 358,165	11,914	11,448
11	14	99 030	62 651,149	1 394 771,110	22,262	21,797	61	64	81 555	6 438,882	74 529,129	11,575	11,110
12	15	99 011	60 085,355	1 332 119,961	22,170	21,705	62	65	80 052	6 062,540	68 090,247	11,231	10,766
13	16	98 987	57 622,169	1 272 034,606	22,075	21,610	63	66	78 474	5 700,795	62 027,707	10,881	10,415
14	17	98 961	55 258,430	1 214 412,437	21,977	21,512	64	67	76 819	5 353,063	56 326,912	10,522	10,057
15	18	98 930	52 989,228	1 159 154,007	21,875	21,410	65	68	75 045	5 016,220	50 973,849	10,162	9,697
16	19	98 890	50 808,339	1 106 164,779	21,771	21,306	66	69	73 197	4 693,241	45 957,629	9,792	9,327
17	20	98 844	48 714,295	1 055 356,440	21,664	21,199	67	70	71 222	4 380,417	41 264,388	9,420	8,955
18	21	98 788	46 702,140	1 006 642,145	21,555	21,089	68	71	69 136	4 078,821	36 883,970	9,043	8,578
19	22	98 720	44 767,276	959 940,004	21,443	20,978	69	72	66 939	3 788,201	32 805,150	8,660	8,195
20	23	98 650	42 911,617	915 172,729	21,327	20,862	70	73	64 589	3 506,158	29 016,949	8,276	7,811
21	24	98 574	41 130,678	872 261,112	21,207	20,742	71	74	62 092	3 233,202	25 510,790	7,890	7,425
22	25	98 501	39 424,596	831 130,433	21,082	20,616	72	75	59 417	2 967,811	22 277,588	7,506	7,041
23	26	98 427	37 788,949	791 705,837	20,951	20,486	73	76	56 566	2 710,217	19 309,778	7,125	6,660
24	27	98 352	36 220,867	753 916,889	20,814	20,349	74	77	53 534	2 460,353	16 599,561	6,747	6,282
25	28	98 271	34 715,467	717 696,021	20,674	20,208	75	78	50 287	2 216,908	14 139,208	6,378	5,913
26	29	98 192	33 273,497	682 980,554	20,526	20,061	76	79	46 852	1 981,278	11 922,299	6,017	5,552
27	30	98 107	31 889,327	649 707,057	20,374	19,909	77	80	43 272	1 755,283	9 941,022	5,663	5,198
28	31	98 017	30 561,268	617 817,731	20,216	19,750	78	81	39 526	1 537,984	8 185,738	5,322	4,857
29	32	97 928	29 288,900	587 256,462	20,050	19,585	79	82	35 657	1 330,858	6 647,755	4,995	4,530
30	33	97 829	28 066,441	557 967,562	19,880	19,415	80	83	31 708	1 135,215	5 316,896	4,684	4,218
31	34	97 731	26 895,181	529 901,121	19,702	19,237	81	84	27 786	954,251	4 181,681	4,382	3,917
32	35	97 620	25 769,370	503 005,940	19,520	19,054	82	85	23 899	787,291	3 227,430	4,099	3,634
33	36	97 509	24 690,825	477 236,570	19,328	18,863	83	86	20 160	637,056	2 440,139	3,830	3,365
34	37	97 388	23 654,919	452 545,746	19,131	18,666	84	87	16 655	504,851	1 803,083	3,572	3,106
35	38	97 259	22 660,472	428 890,827	18,927	18,462	85	88	13 393	389,426	1 298,232	3,334	2,868
36	39	97 124	21 706,314	406 230,355	18,715	18,250	86	89	10 478	292,251	908,806	3,110	2,644
37	40	96 974	20 789,302	384 524,041	18,496	18,031	87	90	7 908	211,565	616,555	2,914	2,449
38	41	96 813	19 908,784	363 734,739	18,270	17,805	88	91	5 780	148,328	404,990	2,730	2,265
39	42	96 629	19 060,874	343 825,955	18,038	17,573	89	92	4 048	99,647	256,662	2,576	2,110
40	43	96 433	18 246,567	324 765,081	17,799	17,333	90	93	2 733	64,535	157,015	2,433	1,968
41	44	96 210	17 462,350	306 518,515	17,553	17,088	91	94	1 785	40,437	92,480	2,287	1,822
42	45	95 971	16 708,728	289 056,165	17,300	16,834	92	95	1 106	24,027	52,042	2,166	1,701
43	46	95 702	15 982,733	272 347,437	17,040	16,575	93	96	654	13,635	28,015	2,055	1,589
44	47	95 397	15 282,255	256 364,704	16,775	16,310	94	97	368	7,360	14,380	1,954	1,488
45	48	95 051	14 606,152	241 082,450	16,506	16,040	95	98	197	3,769	7,020	1,862	1,397
46	49	94 673	13 954,942	226 476,298	16,229	15,764	96	99	99	1,827	3,250	1,779	1,314
47	50	94 245	13 325,449	212 521,356	15,949	15,483	97	100	47	0,835	1,424	1,704	1,239
48	51	93 766	12 717,229	199 195,907	15,663	15,198							
49	52	93 236	12 129,904	186 478,677	15,373	14,908							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	4	99 632	99 632,441	2 285 856,725	22,943	22,478	50	54	92 368	11 527,110	172 256,322	14,944	14,478
1	5	99 235	95 189,691	2 186 224,284	22,967	22,502	51	55	91 705	10 977,798	160 729,212	14,641	14,176
2	6	99 193	91 269,953	2 091 034,593	22,910	22,445	52	56	90 948	10 443,309	149 751,414	14,339	13,874
3	7	99 165	87 524,968	1 999 764,640	22,848	22,383	53	57	90 151	9 929,815	139 308,105	14,029	13,564
4	8	99 143	83 937,924	1 912 239,673	22,782	22,316	54	58	89 295	9 434,570	129 378,290	13,713	13,248
5	9	99 123	80 499,373	1 828 301,749	22,712	22,247	55	59	88 351	8 954,218	119 943,720	13,395	12,930
6	10	99 105	77 203,955	1 747 802,376	22,639	22,174	56	60	87 339	8 490,779	110 989,503	13,072	12,607
7	11	99 088	74 043,472	1 670 598,420	22,562	22,097	57	61	86 235	8 041,689	102 498,724	12,746	12,281
8	12	99 071	71 013,382	1 596 554,948	22,482	22,017	58	62	85 050	7 607,819	94 457,035	12,416	11,951
9	13	99 055	68 107,195	1 525 541,566	22,399	21,934	59	63	83 770	7 187,864	86 849,216	12,083	11,618
10	14	99 039	65 319,661	1 457 434,371	22,312	21,847	60	64	82 411	6 783,023	79 661,351	11,744	11,279
11	15	99 019	62 644,359	1 392 114,710	22,223	21,757	61	65	80 956	6 391,560	72 878,328	11,402	10,937
12	16	98 998	60 077,797	1 329 470,352	22,129	21,664	62	66	79 427	6 015,192	66 486,768	11,053	10,588
13	17	98 972	57 613,303	1 269 392,555	22,033	21,568	63	67	77 803	5 652,029	60 471,575	10,699	10,234
14	18	98 945	55 249,563	1 211 779,253	21,933	21,468	64	68	76 118	5 304,177	54 819,547	10,335	9,870
15	19	98 908	52 977,125	1 156 529,690	21,831	21,366	65	69	74 316	4 967,509	49 515,370	9,968	9,503
16	20	98 869	50 797,845	1 103 552,565	21,724	21,259	66	70	72 420	4 643,392	44 547,860	9,594	9,129
17	21	98 822	48 703,481	1 052 754,720	21,616	21,150	67	71	70 395	4 329,584	39 904,468	9,217	8,751
18	22	98 768	46 692,366	1 004 051,239	21,504	21,038	68	72	68 246	4 026,297	35 574,884	8,836	8,370
19	23	98 698	44 757,233	957 358,873	21,390	20,925	69	73	65 970	3 733,356	31 548,588	8,450	7,985
20	24	98 627	42 901,808	912 601,640	21,272	20,807	70	74	63 538	3 449,144	27 815,231	8,064	7,599
21	25	98 554	41 122,364	869 699,831	21,149	20,684	71	75	60 936	3 173,040	24 366,087	7,679	7,214
22	26	98 479	39 415,924	828 577,467	21,021	20,556	72	76	58 142	2 904,127	21 193,047	7,298	6,832
23	27	98 404	37 780,005	789 161,544	20,888	20,423	73	77	55 181	2 643,836	18 288,919	6,918	6,452
24	28	98 326	36 211,137	751 381,538	20,750	20,285	74	78	52 049	2 392,143	15 645,084	6,540	6,075
25	29	98 246	34 706,688	715 170,402	20,606	20,141	75	79	48 674	2 145,816	13 252,941	6,176	5,711
26	30	98 164	33 263,950	680 463,713	20,456	19,991	76	80	45 151	1 909,346	11 107,125	5,817	5,352
27	31	98 079	31 880,301	647 199,763	20,301	19,836	77	81	41 464	1 681,973	9 197,779	5,468	5,003
28	32	97 987	30 552,038	615 319,462	20,140	19,675	78	82	37 645	1 464,790	7 515,806	5,131	4,666
29	33	97 894	29 278,518	584 767,424	19,973	19,507	79	83	33 690	1 257,469	6 051,016	4,812	4,347
30	34	97 794	28 056,179	555 488,906	19,799	19,334	80	84	29 719	1 064,024	4 793,547	4,505	4,040
31	35	97 690	26 883,757	527 432,727	19,619	19,154	81	85	25 776	885,243	3 729,522	4,213	3,748
32	36	97 581	25 759,120	500 548,970	19,432	18,967	82	86	21 921	722,139	2 844,279	3,939	3,473
33	37	97 463	24 679,091	474 789,850	19,239	18,773	83	87	18 260	577,031	2 122,140	3,678	3,212
34	38	97 337	23 642,295	450 110,759	19,038	18,573	84	88	14 852	450,180	1 545,109	3,432	2,967
35	39	97 205	22 647,856	426 468,465	18,830	18,365	85	89	11 756	341,804	1 094,929	3,203	2,738
36	40	97 059	21 691,954	403 820,608	18,616	18,151	86	90	8 996	250,893	753,125	3,002	2,537
37	41	96 905	20 774,620	382 128,654	18,394	17,929	87	91	6 684	178,816	502,232	2,809	2,343
38	42	96 736	19 892,827	361 354,034	18,165	17,700	88	92	4 753	121,972	323,416	2,652	2,186
39	43	96 543	19 043,908	341 461,207	17,930	17,465	89	93	3 282	80,791	201,444	2,493	2,028
40	44	96 334	18 227,883	322 417,299	17,688	17,223	90	94	2 167	51,160	120,653	2,358	1,893
41	45	96 102	17 442,737	304 189,416	17,439	16,974	91	95	1 382	31,303	69,493	2,220	1,755
42	46	95 849	16 687,521	286 746,679	17,183	16,718	92	96	835	18,139	38,190	2,105	1,640
43	47	95 567	15 960,211	270 059,158	16,921	16,456	93	97	481	10,026	20,051	2,000	1,535
44	48	95 241	15 257,267	254 098,947	16,654	16,189	94	98	263	5,264	10,025	1,904	1,439
45	49	94 883	14 580,322	238 841,681	16,381	15,916	95	99	137	2,619	4,760	1,818	1,352
46	50	94 478	13 926,228	224 261,359	16,104	15,638	96	100	67	1,231	2,141	1,739	1,274
47	51	94 037	13 296,093	210 335,131	15,819	15,354							
48	52	93 536	12 686,113	197 039,038	15,532	15,067							
49	53	92 980	12 096,603	184 352,925	15,240	14,775							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	5	99 621	99 620,567	2 282 921,529	22,916	22,451	50	55	92 074	11 490,324	170 018,068	14,797	14,331
1	6	99 225	95 180,070	2 183 300,962	22,939	22,473	51	56	91 380	10 938,902	158 527,743	14,492	14,027
2	7	99 184	91 262,004	2 088 120,892	22,881	22,415	52	57	90 605	10 403,914	147 588,842	14,186	13,721
3	8	99 157	87 517,456	1 996 858,888	22,817	22,351	53	58	89 791	9 890,130	137 184,927	13,871	13,406
4	9	99 136	83 931,742	1 909 341,432	22,749	22,284	54	59	88 901	9 392,942	127 294,797	13,552	13,087
5	10	99 116	80 493,820	1 825 409,690	22,678	22,212	55	60	87 934	8 911,936	117 901,856	13,230	12,764
6	11	99 098	77 198,476	1 744 915,870	22,603	22,138	56	61	86 868	8 445,019	108 989,920	12,906	12,441
7	12	99 080	74 037,551	1 667 717,394	22,525	22,060	57	62	85 739	7 995,476	100 544,901	12,575	12,110
8	13	99 064	71 007,666	1 593 679,843	22,444	21,979	58	63	84 513	7 559,832	92 549,425	12,242	11,777
9	14	99 046	68 101,094	1 522 672,177	22,359	21,894	59	64	83 205	7 139,434	84 989,593	11,904	11,439
10	15	99 028	65 312,581	1 454 571,083	22,271	21,806	60	65	81 806	6 733,172	77 850,160	11,562	11,097
11	16	99 007	62 636,478	1 389 258,502	22,180	21,714	61	66	80 323	6 341,643	71 116,988	11,214	10,749
12	17	98 983	60 068,553	1 326 622,024	22,085	21,620	62	67	78 747	5 963,737	64 775,345	10,862	10,396
13	18	98 956	57 604,057	1 266 553,471	21,987	21,522	63	68	77 092	5 600,413	58 811,608	10,501	10,036
14	19	98 922	55 236,943	1 208 949,414	21,887	21,421	64	69	75 379	5 252,670	53 211,195	10,130	9,665
15	20	98 887	52 966,183	1 153 712,471	21,782	21,317	65	70	73 527	4 914,747	47 958,525	9,758	9,293
16	21	98 848	50 786,568	1 100 746,288	21,674	21,209	66	71	71 579	4 589,507	43 043,778	9,379	8,914
17	22	98 801	48 693,288	1 049 959,720	21,563	21,098	67	72	69 489	4 273,831	38 454,272	8,998	8,532
18	23	98 746	46 681,892	1 001 266,432	21,449	20,983	68	73	67 258	3 968,005	34 180,441	8,614	8,149
19	24	98 675	44 747,002	954 584,540	21,333	20,868	69	74	64 897	3 672,648	30 212,435	8,226	7,761
20	25	98 607	42 893,136	909 837,538	21,212	20,747	70	75	62 356	3 384,964	26 539,788	7,840	7,375
21	26	98 533	41 113,318	866 944,401	21,087	20,621	71	76	59 629	3 104,953	23 154,824	7,457	6,992
22	27	98 456	39 406,595	825 831,083	20,957	20,491	72	77	56 718	2 832,997	20 049,870	7,077	6,612
23	28	98 377	37 769,856	786 424,488	20,821	20,356	73	78	53 651	2 570,539	17 216,873	6,698	6,233
24	29	98 301	36 201,980	748 654,632	20,680	20,215	74	79	50 380	2 315,431	14 646,334	6,326	5,860
25	30	98 218	34 696,730	712 452,652	20,534	20,068	75	80	46 907	2 067,910	12 330,903	5,963	5,498
26	31	98 136	33 254,536	677 755,922	20,381	19,916	76	81	43 265	1 829,601	10 262,993	5,609	5,144
27	32	98 049	31 870,672	644 501,386	20,222	19,757	77	82	39 491	1 601,927	8 433,392	5,265	4,799
28	33	97 953	30 541,208	612 630,714	20,059	19,594	78	83	35 569	1 384,015	6 831,465	4,936	4,471
29	34	97 858	29 267,813	582 089,506	19,888	19,423	79	84	31 578	1 178,611	5 447,450	4,622	4,157
30	35	97 752	28 044,262	552 821,693	19,712	19,247	80	85	27 570	987,079	4 268,838	4,325	3,860
31	36	97 651	26 873,063	524 777,432	19,528	19,063	81	86	23 643	811,985	3 281,760	4,042	3,576
32	37	97 535	25 746,879	497 904,368	19,338	18,873	82	87	19 855	654,097	2 469,774	3,776	3,311
33	38	97 411	24 665,920	472 157,489	19,142	18,677	83	88	16 283	514,543	1 815,677	3,529	3,063
34	39	97 282	23 629,133	447 491,569	18,938	18,473	84	89	13 036	395,129	1 301,134	3,293	2,828
35	40	97 141	22 632,874	423 862,437	18,728	18,263	85	90	10 092	293,433	906,005	3,088	2,622
36	41	96 991	21 676,635	401 229,563	18,510	18,045	86	91	7 603	212,056	612,572	2,889	2,424
37	42	96 828	20 757,969	379 552,928	18,285	17,819	87	92	5 496	147,043	400,516	2,724	2,259
38	43	96 650	19 875,121	358 794,959	18,052	17,587	88	93	3 853	98,892	253,474	2,563	2,098
39	44	96 445	19 024,408	338 919,839	17,815	17,350	89	94	2 602	64,047	154,582	2,414	1,948
40	45	96 226	18 207,411	319 895,430	17,570	17,104	90	95	1 677	39,604	90,535	2,286	1,821
41	46	95 980	17 420,598	301 688,019	17,318	16,853	91	96	1 043	23,632	50,931	2,155	1,690
42	47	95 714	16 664,006	284 267,421	17,059	16,594	92	97	614	13,338	27,299	2,047	1,582
43	48	95 411	15 934,114	267 603,415	16,794	16,329	93	98	344	7,171	13,961	1,947	1,482
44	49	95 072	15 230,285	251 669,301	16,524	16,059	94	99	183	3,658	6,790	1,856	1,391
45	50	94 688	14 550,321	236 439,016	16,250	15,785	95	100	92	1,765	3,133	1,774	1,309
46	51	94 270	13 895,548	221 888,695	15,968	15,503							
47	52	93 807	13 263,560	207 993,147	15,682	15,216							
48	53	93 279	12 651,285	194 729,587	15,392	14,927							
49	54	92 701	12 060,234	182 078,302	15,097	14,632							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	6	99 610	99 610,498	2 279 778,141	22,887	22,422	50	56	91 747	11 449,612	167 628,224	14,641	14,175
1	7	99 217	95 171,781	2 180 167,643	22,908	22,442	51	57	91 036	10 897,638	156 178,612	14,331	13,866
2	8	99 176	91 254,171	2 084 995,862	22,848	22,383	52	58	90 243	10 362,335	145 280,974	14,020	13,555
3	9	99 150	87 511,010	1 993 741,691	22,783	22,318	53	59	89 395	9 846,492	134 918,640	13,702	13,237
4	10	99 129	83 925,952	1 906 230,681	22,713	22,248	54	60	88 482	9 348,588	125 072,148	13,379	12,914
5	11	99 109	80 488,107	1 822 304,728	22,641	22,175	55	61	87 460	8 863,906	115 723,560	13,056	12,590
6	12	99 090	77 192,303	1 741 816,621	22,565	22,099	56	62	86 369	8 396,488	106 859,654	12,727	12,261
7	13	99 072	74 031,591	1 664 624,318	22,485	22,020	57	63	85 198	7 945,044	98 463,166	12,393	11,928
8	14	99 055	71 001,305	1 590 592,727	22,402	21,937	58	64	83 944	7 508,895	90 518,123	12,055	11,590
9	15	99 036	68 093,713	1 519 591,422	22,316	21,851	59	65	82 594	7 086,963	83 009,228	11,713	11,248
10	16	99 015	65 304,365	1 451 497,709	22,227	21,761	60	66	81 167	6 680,587	75 922,265	11,365	10,899
11	17	98 991	62 626,840	1 386 193,344	22,134	21,669	61	67	79 636	6 287,395	69 241,678	11,013	10,548
12	18	98 967	60 058,913	1 323 566,504	22,038	21,573	62	68	78 028	5 909,274	62 954,283	10,653	10,188
13	19	98 933	57 590,900	1 263 507,591	21,939	21,474	63	69	76 344	5 546,029	57 045,009	10,286	9,821
14	20	98 902	55 225,535	1 205 916,691	21,836	21,371	64	70	74 578	5 196,879	51 498,980	9,910	9,444
15	21	98 865	52 954,425	1 150 691,156	21,730	21,265	65	71	72 673	4 857,713	46 302,101	9,532	9,066
16	22	98 827	50 775,939	1 097 736,731	21,619	21,154	66	72	70 657	4 530,407	41 444,389	9,148	8,683
17	23	98 779	48 682,365	1 046 960,792	21,506	21,041	67	73	68 483	4 211,956	36 913,982	8,764	8,299
18	24	98 723	46 671,221	998 278,427	21,390	20,924	68	74	66 164	3 903,481	32 702,026	8,378	7,912
19	25	98 656	44 737,957	951 607,206	21,271	20,805	69	75	63 690	3 604,309	28 798,545	7,990	7,525
20	26	98 586	42 883,701	906 869,249	21,147	20,682	70	76	61 018	3 312,330	25 194,237	7,606	7,141
21	27	98 509	41 103,588	863 985,548	21,020	20,554	71	77	58 168	3 028,904	21 881,907	7,224	6,759
22	28	98 430	39 396,009	822 881,960	20,887	20,422	72	78	55 146	2 754,456	18 853,003	6,845	6,379
23	29	98 352	37 760,305	783 485,952	20,749	20,284	73	79	51 930	2 488,106	16 098,547	6,470	6,005
24	30	98 273	36 191,593	745 725,647	20,605	20,140	74	80	48 551	2 231,367	13 610,441	6,100	5,634
25	31	98 190	34 686,910	709 534,054	20,455	19,990	75	81	44 948	1 981,543	11 379,073	5,743	5,277
26	32	98 106	33 244,492	674 847,144	20,300	19,834	76	82	41 206	1 742,529	9 397,531	5,393	4,928
27	33	98 015	31 859,375	641 602,652	20,139	19,673	77	83	37 313	1 513,590	7 655,001	5,058	4,592
28	34	97 917	30 530,041	609 743,277	19,972	19,507	78	84	33 339	1 297,222	6 141,411	4,734	4,269
29	35	97 816	29 255,381	579 213,236	19,799	19,333	79	85	29 294	1 093,379	4 844,190	4,430	3,965
30	36	97 713	28 033,107	549 957,856	19,618	19,153	80	86	25 288	905,393	3 750,810	4,143	3,678
31	37	97 604	26 860,293	521 924,749	19,431	18,966	81	87	21 416	735,478	2 845,417	3,869	3,404
32	38	97 483	25 733,138	495 064,456	19,238	18,773	82	88	17 705	583,264	2 109,939	3,617	3,152
33	39	97 357	24 652,188	469 331,318	19,038	18,573	83	89	14 292	451,621	1 526,675	3,380	2,915
34	40	97 218	23 613,501	444 679,129	18,832	18,366	84	90	11 191	339,211	1 075,054	3,169	2,704
35	41	97 072	22 616,890	421 065,628	18,617	18,152	85	91	8 530	248,011	735,843	2,967	2,502
36	42	96 913	21 659,261	398 448,739	18,396	17,931	86	92	6 252	174,376	487,832	2,798	2,332
37	43	96 741	20 739,493	376 789,478	18,168	17,703	87	93	4 456	119,218	313,456	2,629	2,164
38	44	96 551	19 854,770	356 049,985	17,933	17,467	88	94	3 055	78,396	194,237	2,478	2,012
39	45	96 336	19 003,041	336 195,215	17,692	17,226	89	95	2 014	49,580	115,841	2,336	1,871
40	46	96 103	18 184,301	317 192,174	17,443	16,978	90	96	1 266	29,899	66,261	2,216	1,751
41	47	95 845	17 396,051	299 007,873	17,188	16,723	91	97	767	17,377	36,362	2,093	1,627
42	48	95 557	16 636,758	281 611,823	16,927	16,462	92	98	439	9,539	18,986	1,990	1,525
43	49	95 242	15 905,936	264 975,064	16,659	16,194	93	99	239	4,982	9,446	1,896	1,431
44	50	94 877	15 198,947	249 069,128	16,387	15,922	94	100	123	2,466	4,464	1,810	1,345
45	51	94 480	14 518,266	233 870,182	16,109	15,643							
46	52	94 040	13 861,549	219 351,915	15,824	15,359							
47	53	93 549	13 227,147	205 490,367	15,536	15,070							
48	54	92 999	12 613,248	192 263,220	15,243	14,778							
49	55	92 405	12 021,747	179 649,972	14,944	14,479							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	7	99 602	99 601,823	2 276 414,527	22,855	22,390	50	57	91 401	11 406,422	165 083,227	14,473	14,008
1	8	99 208	95 163,612	2 176 812,704	22,874	22,409	51	58	90 672	10 854,085	153 676,805	14,158	13,693
2	9	99 168	91 247,451	2 081 649,092	22,813	22,348	52	59	89 845	10 316,613	142 822,720	13,844	13,379
3	10	99 143	87 504,974	1 990 401,641	22,746	22,281	53	60	88 973	9 799,996	132 506,107	13,521	13,056
4	11	99 122	83 919,996	1 902 896,668	22,675	22,210	54	61	88 005	9 298,205	122 706,111	13,197	12,732
5	12	99 101	80 481,671	1 818 976,672	22,601	22,136	55	62	86 957	8 812,968	113 407,906	12,868	12,403
6	13	99 082	77 186,089	1 738 495,001	22,523	22,058	56	63	85 824	8 343,526	104 594,938	12,536	12,071
7	14	99 063	74 024,960	1 661 308,912	22,443	21,977	57	64	84 624	7 891,511	96 251,412	12,197	11,732
8	15	99 044	70 993,609	1 587 283,952	22,358	21,893	58	65	83 327	7 453,709	88 359,901	11,854	11,389
9	16	99 023	68 085,148	1 516 290,343	22,271	21,805	59	66	81 949	7 031,615	80 906,193	11,506	11,041
10	17	99 000	65 294,316	1 448 205,195	22,180	21,714	60	67	80 472	6 623,439	73 874,578	11,154	10,688
11	18	98 975	62 616,791	1 382 910,879	22,085	21,620	61	68	78 909	6 229,977	67 251,139	10,795	10,330
12	19	98 944	60 045,195	1 320 294,088	21,988	21,523	62	69	77 270	5 851,891	61 021,162	10,428	9,962
13	20	98 913	57 579,005	1 260 248,893	21,887	21,422	63	70	75 533	5 487,122	55 169,271	10,054	9,589
14	21	98 880	55 213,275	1 202 669,888	21,782	21,317	64	71	73 713	5 136,570	49 682,149	9,672	9,207
15	22	98 844	52 943,342	1 147 456,613	21,673	21,208	65	72	71 738	4 795,159	44 545,579	9,290	8,824
16	23	98 805	50 764,549	1 094 513,271	21,561	21,095	66	73	69 634	4 464,817	39 750,420	8,903	8,438
17	24	98 756	48 671,237	1 043 748,723	21,445	20,980	67	74	67 369	4 143,464	35 285,603	8,516	8,051
18	25	98 703	46 661,787	995 077,486	21,325	20,860	68	75	64 933	3 830,847	31 142,139	8,129	7,664
19	26	98 634	44 728,116	948 415,699	21,204	20,739	69	76	62 323	3 526,968	27 311,292	7,744	7,278
20	27	98 562	42 873,552	903 687,583	21,078	20,613	70	77	59 524	3 231,201	23 784,325	7,361	6,896
21	28	98 483	41 092,546	860 814,031	20,948	20,483	71	78	56 556	2 944,932	20 553,123	6,979	6,514
22	29	98 405	39 386,046	819 721,486	20,812	20,347	72	79	53 377	2 666,125	17 608,191	6,604	6,139
23	30	98 324	37 749,470	780 335,439	20,671	20,206	73	80	50 045	2 397,773	14 942,066	6,232	5,766
24	31	98 245	36 181,349	742 585,969	20,524	20,059	74	81	46 523	2 138,173	12 544,293	5,867	5,402
25	32	98 160	34 676,434	706 404,619	20,371	19,906	75	82	42 809	1 887,240	10 406,120	5,514	5,049
26	33	98 072	33 232,708	671 728,185	20,213	19,748	76	83	38 934	1 646,439	8 518,879	5,174	4,709
27	34	97 979	31 847,726	638 495,478	20,048	19,583	77	84	34 973	1 418,670	6 872,441	4,844	4,379
28	35	97 875	30 517,073	606 647,752	19,879	19,414	78	85	30 928	1 203,412	5 453,770	4,532	4,067
29	36	97 777	29 243,744	576 130,679	19,701	19,236	79	86	26 870	1 002,897	4 250,358	4,238	3,773
30	37	97 667	28 019,785	546 886,935	19,518	19,053	80	87	22 906	820,085	3 247,461	3,960	3,495
31	38	97 552	26 845,958	518 867,150	19,328	18,862	81	88	19 096	655,832	2 427,376	3,701	3,236
32	39	97 428	25 718,812	492 021,192	19,131	18,666	82	89	15 540	511,938	1 771,545	3,460	2,995
33	40	97 292	24 635,880	466 302,379	18,928	18,463	83	90	12 269	387,709	1 259,606	3,249	2,784
34	41	97 149	23 596,824	441 666,500	18,717	18,252	84	91	9 458	286,703	871,897	3,041	2,576
35	42	96 994	22 598,762	418 069,676	18,500	18,034	85	92	7 014	203,943	585,194	2,869	2,404
36	43	96 827	21 639,982	395 470,913	18,275	17,810	86	93	5 069	141,380	381,252	2,697	2,231
37	44	96 642	20 718,257	373 830,931	18,044	17,578	87	94	3 533	94,510	239,872	2,538	2,073
38	45	96 442	19 832,470	353 112,674	17,805	17,340	88	95	2 365	60,688	145,362	2,395	1,930
39	46	96 214	18 978,922	333 280,204	17,561	17,095	89	96	1 521	37,430	84,674	2,262	1,797
40	47	95 968	18 158,678	314 301,283	17,309	16,843	90	97	931	21,984	47,244	2,149	1,684
41	48	95 688	17 367,606	296 142,605	17,051	16,586	91	98	549	12,428	25,259	2,032	1,567
42	49	95 388	16 607,337	278 774,999	16,786	16,321	92	99	305	6,628	12,831	1,936	1,471
43	50	95 046	15 873,207	262 167,662	16,516	16,051	93	100	161	3,359	6,203	1,847	1,382
44	51	94 668	15 165,463	246 294,455	16,240	15,775							
45	52	94 248	14 482,743	231 128,991	15,959	15,494							
46	53	93 781	13 823,493	216 646,248	15,672	15,207							
47	54	93 268	13 187,379	202 822,755	15,380	14,915							
48	55	92 702	12 572,996	189 635,376	15,083	14,618							
49	56	92 077	11 979,152	177 062,379	14,781	14,316							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$
0	8	99 593	99 593,274	2 272 819,036	22,821	22,356	50	58	91 036	11 360,836	162 378,324	14,293	13,828
1	9	99 201	95 156,604	2 173 225,761	22,838	22,373	51	59	90 272	10 806,193	151 017,489	13,975	13,510
2	10	99 161	91 241,156	2 078 069,157	22,776	22,310	52	60	89 420	10 267,897	140 211,296	13,655	13,190
3	11	99 136	87 498,763	1 986 828,001	22,707	22,242	53	61	88 493	9 747,181	129 943,398	13,331	12,866
4	12	99 114	83 913,285	1 899 329,238	22,634	22,169	54	62	87 499	9 244,771	120 196,217	13,002	12,536
5	13	99 093	80 475,192	1 815 415,953	22,559	22,093	55	63	86 409	8 757,379	110 951,446	12,669	12,204
6	14	99 073	77 179,175	1 734 940,761	22,479	22,014	56	64	85 246	8 287,308	102 194,068	12,331	11,866
7	15	99 052	74 016,936	1 657 761,586	22,397	21,932	57	65	84 002	7 833,513	93 906,759	11,988	11,523
8	16	99 031	70 984,679	1 583 744,650	22,311	21,846	58	66	82 676	7 395,496	86 073,246	11,639	11,173
9	17	99 008	68 074,671	1 512 759,970	22,222	21,757	59	67	81 248	6 971,464	78 677,750	11,286	10,820
10	18	98 984	65 283,839	1 444 685,299	22,129	21,664	60	68	79 738	6 562,952	71 706,286	10,926	10,461
11	19	98 953	62 602,488	1 379 401,461	22,034	21,569	61	69	78 143	6 169,480	65 143,334	10,559	10,094
12	20	98 924	60 032,793	1 316 798,973	21,935	21,469	62	70	76 450	5 789,735	58 973,854	10,186	9,721
13	21	98 891	57 566,223	1 256 766,179	21,832	21,366	63	71	74 656	5 423,446	53 184,119	9,806	9,341
14	22	98 859	55 201,719	1 199 199,956	21,724	21,259	64	72	72 763	5 070,426	47 760,674	9,419	8,954
15	23	98 822	52 931,465	1 143 998,237	21,613	21,148	65	73	70 699	4 725,736	42 690,248	9,034	8,568
16	24	98 782	50 752,945	1 091 066,772	21,498	21,032	66	74	68 502	4 392,214	37 964,512	8,644	8,178
17	25	98 736	48 661,399	1 040 313,827	21,379	20,913	67	75	66 115	4 066,365	33 572,298	8,256	7,791
18	26	98 681	46 651,522	991 652,428	21,257	20,791	68	76	63 540	3 748,645	29 505,934	7,871	7,406
19	27	98 610	44 717,530	945 000,906	21,133	20,667	69	77	60 797	3 440,582	25 757,289	7,486	7,021
20	28	98 536	42 862,034	900 283,375	21,004	20,539	70	78	57 873	3 141,620	22 316,707	7,104	6,638
21	29	98 458	41 082,155	857 421,342	20,871	20,406	71	79	54 742	2 850,493	19 175,086	6,727	6,262
22	30	98 376	39 374,746	816 339,187	20,733	20,267	72	80	51 439	2 569,329	16 324,593	6,354	5,888
23	31	98 296	37 738,786	776 964,441	20,588	20,123	73	81	47 955	2 297,629	13 755,264	5,987	5,522
24	32	98 215	36 170,422	739 225,655	20,437	19,972	74	82	44 309	2 036,417	11 457,635	5,626	5,161
25	33	98 126	34 664,142	703 055,234	20,282	19,817	75	83	40 448	1 783,170	9 421,219	5,283	4,818
26	34	98 036	33 220,557	668 391,092	20,120	19,655	76	84	36 492	1 543,188	7 638,049	4,950	4,484
27	35	97 937	31 834,198	635 170,535	19,952	19,487	77	85	32 444	1 316,078	6 094,861	4,631	4,166
28	36	97 836	30 504,934	603 336,337	19,778	19,313	78	86	28 368	1 103,824	4 778,783	4,329	3,864
29	37	97 731	29 229,847	572 831,403	19,597	19,132	79	87	24 338	908,401	3 674,959	4,046	3,580
30	38	97 615	28 004,831	543 601,556	19,411	18,946	80	88	20 425	731,276	2 766,557	3,783	3,318
31	39	97 498	26 831,012	515 596,724	19,216	18,751	81	89	16 761	575,632	2 035,281	3,536	3,071
32	40	97 364	25 701,798	488 765,712	19,017	18,552	82	90	13 341	439,490	1 459,649	3,321	2,856
33	41	97 224	24 618,481	463 063,914	18,810	18,344	83	91	10 370	327,693	1 020,158	3,113	2,648
34	42	97 071	23 577,911	438 445,433	18,596	18,130	84	92	7 778	235,760	692,465	2,937	2,472
35	43	96 908	22 578,648	414 867,521	18,374	17,909	85	93	5 687	165,351	456,705	2,762	2,297
36	44	96 728	21 617,824	392 288,873	18,147	17,681	86	94	4 018	112,078	291,354	2,600	2,134
37	45	96 534	20 694,987	370 671,049	17,911	17,446	87	95	2 735	73,162	179,275	2,450	1,985
38	46	96 320	19 807,298	349 976,062	17,669	17,204	88	96	1 785	45,816	106,113	2,316	1,851
39	47	96 078	18 952,178	330 168,765	17,421	16,956	89	97	1 118	27,522	60,298	2,191	1,726
40	48	95 811	18 128,986	311 216,586	17,167	16,702	90	98	666	15,724	32,775	2,084	1,619
41	49	95 519	17 336,893	293 087,600	16,905	16,440	91	99	381	8,635	17,051	1,975	1,509
42	50	95 192	16 573,165	275 750,708	16,638	16,173	92	100	206	4,468	8,416	1,884	1,418
43	51	94 837	15 838,238	259 177,542	16,364	15,899							
44	52	94 436	15 128,357	243 339,304	16,085	15,620							
45	53	93 990	14 442,983	228 210,947	15,801	15,336							
46	54	93 499	13 781,933	213 767,965	15,511	15,046							
47	55	92 971	13 145,295	199 986,032	15,214	14,748							
48	56	92 374	12 528,448	186 840,737	14,913	14,448							
49	57	91 730	11 933,964	174 312,289	14,606	14,141							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$
0	9	99 586	99 585,940	2 268 981,310	22,784	22,319	50	59	90 634	11 310,708	159 508,946	14,102	13,637
1	10	99 194	95 150,040	2 169 395,370	22,800	22,335	51	60	89 846	10 755,166	148 198,238	13,779	13,314
2	11	99 154	91 234,681	2 074 245,330	22,735	22,270	52	61	88 939	10 212,560	137 443,072	13,458	12,993
3	12	99 128	87 491,766	1 983 010,649	22,665	22,200	53	62	87 985	9 691,166	127 230,512	13,129	12,663
4	13	99 106	83 906,530	1 895 518,883	22,591	22,126	54	63	86 947	9 186,458	117 539,345	12,795	12,330
5	14	99 084	80 467,983	1 811 612,353	22,513	22,048	55	64	85 827	8 698,373	108 352,887	12,457	11,991
6	15	99 063	77 170,810	1 731 144,369	22,433	21,967	56	65	84 619	8 226,401	99 654,514	12,114	11,649
7	16	99 040	74 007,626	1 653 973,560	22,349	21,883	57	66	83 346	7 772,334	91 428,113	11,763	11,298
8	17	99 016	70 973,756	1 579 965,934	22,261	21,796	58	67	81 969	7 332,233	83 655,779	11,409	10,944
9	18	98 992	68 063,747	1 508 992,177	22,170	21,705	59	68	80 506	6 907,799	76 323,546	11,049	10,584
10	19	98 962	65 268,927	1 440 928,430	22,077	21,612	60	69	78 963	6 499,222	69 415,747	10,681	10,215
11	20	98 932	62 589,558	1 375 659,504	21,979	21,514	61	70	77 313	6 103,950	62 916,525	10,308	9,842
12	21	98 902	60 019,467	1 313 069,945	21,877	21,412	62	71	75 562	5 722,547	56 812,575	9,928	9,463
13	22	98 870	57 554,175	1 253 050,478	21,772	21,306	63	72	73 695	5 353,607	51 090,028	9,543	9,078
14	23	98 837	55 189,336	1 195 496,303	21,662	21,197	64	73	71 710	4 997,017	45 736,421	9,153	8,688
15	24	98 800	52 919,366	1 140 306,967	21,548	21,083	65	74	69 549	4 648,890	40 739,403	8,763	8,298
16	25	98 762	50 742,686	1 087 387,601	21,429	20,964	66	75	67 227	4 310,485	36 090,514	8,373	7,908
17	26	98 715	48 650,694	1 036 644,916	21,308	20,843	67	76	64 697	3 979,109	31 780,028	7,987	7,522
18	27	98 658	46 640,482	987 994,221	21,183	20,718	68	77	61 984	3 656,830	27 800,920	7,602	7,137
19	28	98 584	44 705,517	941 353,740	21,057	20,592	69	78	59 111	3 345,197	24 144,090	7,218	6,752
20	29	98 511	42 851,195	896 648,223	20,925	20,459	70	79	56 017	3 040,874	20 798,893	6,840	6,375
21	30	98 430	41 070,367	853 797,028	20,789	20,323	71	80	52 755	2 747,003	17 758,019	6,465	5,999
22	31	98 349	39 363,602	812 726,661	20,647	20,181	72	81	49 291	2 462,020	15 011,016	6,097	5,632
23	32	98 267	37 727,388	773 363,059	20,499	20,033	73	82	45 673	2 188,284	12 548,996	5,735	5,269
24	33	98 180	36 157,600	735 635,671	20,345	19,880	74	83	41 866	1 924,120	10 360,712	5,385	4,919
25	34	98 090	34 651,467	699 478,071	20,186	19,721	75	84	37 911	1 671,344	8 436,593	5,048	4,583
26	35	97 994	33 206,445	664 826,603	20,021	19,556	76	85	33 853	1 431,591	6 765,248	4,726	4,260
27	36	97 898	31 821,536	631 620,158	19,849	19,384	77	86	29 759	1 207,167	5 333,657	4,418	3,953
28	37	97 790	30 490,438	599 798,622	19,672	19,206	78	87	25 695	999,819	4 126,490	4,127	3,662
29	38	97 679	29 214,248	569 308,184	19,487	19,022	79	88	21 702	810,029	3 126,671	3,860	3,395
30	39	97 560	27 989,241	540 093,937	19,296	18,831	80	89	17 927	641,851	2 316,642	3,609	3,144
31	40	97 433	26 813,262	512 104,696	19,099	18,634	81	90	14 389	494,170	1 674,791	3,389	2,924
32	41	97 295	25 683,647	485 291,433	18,895	18,430	82	91	11 276	371,459	1 180,621	3,178	2,713
33	42	97 146	24 598,750	459 607,787	18,684	18,219	83	92	8 527	269,467	809,162	3,003	2,538
34	43	96 985	23 556,925	435 009,037	18,466	18,001	84	93	6 306	191,148	539,695	2,823	2,358
35	44	96 809	22 555,528	411 452,112	18,242	17,777	85	94	4 508	131,082	348,547	2,659	2,194
36	45	96 619	21 593,544	388 896,584	18,010	17,545	86	95	3 111	86,762	217,465	2,506	2,041
37	46	96 411	20 668,720	367 303,039	17,771	17,306	87	96	2 065	55,233	130,703	2,366	1,901
38	47	96 184	19 779,387	346 634,319	17,525	17,060	88	97	1 313	33,688	75,470	2,240	1,775
39	48	95 921	18 921,189	326 854,932	17,275	16,809	89	98	800	19,685	41,782	2,123	1,657
40	49	95 642	18 096,926	307 933,743	17,016	16,551	90	99	463	10,925	22,097	2,023	1,557
41	50	95 322	17 301,219	289 836,817	16,752	16,287	91	100	257	5,821	11,172	1,919	1,454
42	51	94 982	16 536,655	272 535,597	16,481	16,015							
43	52	94 605	15 799,485	255 998,943	16,203	15,738							
44	53	94 177	15 086,824	240 199,457	15,921	15,456							
45	54	93 707	14 399,559	225 112,634	15,633	15,168							
46	55	93 201	13 737,951	210 713,074	15,338	14,873							
47	56	92 641	13 098,719	196 975,123	15,038	14,573							
48	57	92 025	12 481,188	183 876,404	14,732	14,267							
49	58	91 363	11 886,270	171 395,215	14,420	13,954							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß 4,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	10	99 579	99 579,070	2 264 889,854	22,745	22,279	50	60	90 206	11 257,299	156 473,014	13,900	13,434
1	11	99 187	95 143,287	2 165 310,784	22,758	22,293	51	61	89 361	10 697,203	145 215,716	13,575	13,110
2	12	99 146	91 227,385	2 070 167,497	22,692	22,227	52	62	88 427	10 153,872	134 518,513	13,248	12,783
3	13	99 120	87 484,723	1 978 940,111	22,620	22,155	53	63	87 430	9 630,038	124 364,641	12,914	12,449
4	14	99 097	83 899,014	1 891 455,388	22,544	22,079	54	64	86 361	9 124,561	114 734,603	12,574	12,109
5	15	99 073	80 459,262	1 807 556,374	22,465	22,000	55	65	85 196	8 634,445	105 610,042	12,231	11,766
6	16	99 050	77 161,102	1 727 097,113	22,383	21,918	56	66	83 958	8 162,154	96 975,597	11,881	11,416
7	17	99 024	73 996,238	1 649 936,010	22,298	21,832	57	67	82 633	7 705,848	88 813,443	11,525	11,060
8	18	99 000	70 962,367	1 575 939,772	22,208	21,743	58	68	81 220	7 265,273	81 107,595	11,164	10,699
9	19	98 969	68 048,200	1 504 977,405	22,116	21,651	59	69	79 724	6 840,720	73 842,322	10,795	10,329
10	20	98 941	65 255,446	1 436 929,205	22,020	21,555	60	70	78 125	6 430,190	67 001,603	10,420	9,955
11	21	98 910	62 575,664	1 371 673,758	21,920	21,455	61	71	76 416	6 033,116	60 571,413	10,040	9,575
12	22	98 881	60 006,905	1 309 098,094	21,816	21,351	62	72	74 589	5 648,857	54 538,297	9,655	9,190
13	23	98 848	57 541,264	1 249 091,189	21,708	21,243	63	73	72 628	5 276,099	48 889,440	9,266	8,801
14	24	98 815	55 176,721	1 191 549,925	21,595	21,130	64	74	70 544	4 915,760	43 613,341	8,872	8,407
15	25	98 780	52 908,669	1 136 373,204	21,478	21,013	65	75	68 255	4 562,385	38 697,581	8,482	8,017
16	26	98 740	50 731,523	1 083 464,535	21,357	20,892	66	76	65 785	4 217,991	34 135,196	8,093	7,628
17	27	98 691	48 639,180	1 032 733,012	21,233	20,767	67	77	63 112	3 881,649	29 917,205	7,707	7,242
18	28	98 631	46 627,952	984 093,832	21,105	20,640	68	78	60 265	3 555,449	26 035,556	7,323	6,858
19	29	98 559	44 694,212	937 465,880	20,975	20,510	69	79	57 216	3 237,922	22 480,107	6,943	6,478
20	30	98 483	42 838,900	892 771,668	20,840	20,375	70	80	53 984	2 930,472	19 242,185	6,566	6,101
21	31	98 402	41 058,743	849 932,768	20,700	20,235	71	81	50 551	2 632,273	16 311,712	6,197	5,732
22	32	98 319	39 351,713	808 874,025	20,555	20,090	72	82	46 945	2 344,851	13 679,439	5,834	5,369
23	33	98 232	37 714,015	769 522,312	20,404	19,939	73	83	43 154	2 067,612	11 334,588	5,482	5,017
24	34	98 145	36 144,380	731 808,297	20,247	19,782	74	84	39 240	1 803,455	9 266,976	5,138	4,673
25	35	98 048	34 636,748	695 663,917	20,085	19,619	75	85	35 170	1 550,480	7 463,520	4,814	4,348
26	36	97 955	33 193,237	661 027,169	19,915	19,449	76	86	31 052	1 313,120	5 913,040	4,503	4,038
27	37	97 852	31 806,414	627 833,932	19,739	19,274	77	87	26 955	1 093,424	4 599,920	4,207	3,742
28	38	97 738	30 474,166	596 027,518	19,558	19,093	78	88	22 913	891,547	3 506,496	3,933	3,468
29	39	97 624	29 197,984	565 553,352	19,370	18,904	79	89	19 049	710,973	2 614,949	3,678	3,213
30	40	97 496	27 970,724	536 355,369	19,176	18,710	80	90	15 390	551,018	1 903,976	3,455	2,990
31	41	97 365	26 794,326	508 384,644	18,974	18,508	81	91	12 162	417,675	1 352,958	3,239	2,774
32	42	97 217	25 663,061	481 590,318	18,766	18,301	82	92	9 272	305,456	935,283	3,062	2,597
33	43	97 059	24 576,855	455 927,257	18,551	18,086	83	93	6 914	218,477	629,827	2,883	2,418
34	44	96 886	23 532,804	431 350,402	18,330	17,865	84	94	4 999	151,532	411,351	2,715	2,249
35	45	96 700	22 530,195	407 817,598	18,101	17,636	85	95	3 490	101,473	259,819	2,560	2,095
36	46	96 496	21 566,137	385 287,403	17,865	17,400	86	96	2 348	65,501	158,346	2,417	1,952
37	47	96 275	20 639,595	363 721,266	17,622	17,157	87	97	1 518	40,613	92,845	2,286	1,821
38	48	96 027	19 747,045	343 081,670	17,374	16,909	88	98	939	24,095	52,232	2,168	1,703
39	49	95 752	18 887,729	323 334,625	17,119	16,654	89	99	556	13,677	28,138	2,057	1,592
40	50	95 445	18 059,689	304 446,896	16,858	16,393	90	100	312	7,365	14,461	1,964	1,498
41	51	95 112	17 263,105	286 387,207	16,590	16,124							
42	52	94 750	16 496,193	269 124,102	16,314	15,849							
43	53	94 345	15 756,110	252 627,910	16,034	15,568							
44	54	93 894	15 041,464	236 871,799	15,748	15,283							
45	55	93 408	14 353,607	221 830,335	15,455	14,989							
46	56	92 871	13 689,275	207 476,728	15,156	14,691							
47	57	92 292	13 049,308	193 787,452	14,850	14,385							
48	58	91 657	12 431,306	180 738,144	14,539	14,074							
49	59	90 960	11 833,824	168 306,838	14,223	13,757							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	11	99 572	99 572,003	2 260 533,874	22,703	22,237	50	61	89 720	11 196,629	153 267,466	13,689	13,223
1	12	99 179	95 135,679	2 160 961,871	22,715	22,249	51	62	88 848	10 635,729	142 070,837	13,358	12,893
2	13	99 139	91 220,041	2 065 826,192	22,647	22,181	52	63	87 870	10 089,825	131 435,108	13,027	12,561
3	14	99 111	87 476,887	1 974 606,151	22,573	22,108	53	64	86 841	9 565,152	121 345,284	12,686	12,221
4	15	99 086	83 889,921	1 887 129,264	22,495	22,030	54	65	85 727	9 057,501	111 780,132	12,341	11,876
5	16	99 061	80 449,141	1 803 239,344	22,415	21,949	55	66	84 530	8 567,011	102 722,631	11,990	11,525
6	17	99 035	77 149,229	1 722 790,203	22,331	21,865	56	67	83 240	8 092,333	94 155,620	11,635	11,170
7	18	99 008	73 984,364	1 645 640,974	22,243	21,778	57	68	81 879	7 635,476	86 063,287	11,272	10,806
8	19	98 978	70 946,159	1 571 656,610	22,153	21,688	58	69	80 431	7 194,723	78 427,811	10,901	10,436
9	20	98 949	68 034,146	1 500 710,452	22,058	21,593	59	70	78 877	6 768,061	71 233,089	10,525	10,060
10	21	98 919	65 240,960	1 432 676,306	21,960	21,495	60	71	77 218	6 355,569	64 465,028	10,143	9,678
11	22	98 890	62 562,568	1 367 435,346	21,857	21,392	61	72	75 431	5 955,426	58 109,458	9,757	9,292
12	23	98 859	59 993,444	1 304 872,778	21,750	21,285	62	73	73 509	5 567,074	52 154,032	9,368	8,903
13	24	98 825	57 528,111	1 244 879,334	21,639	21,174	63	74	71 447	5 190,303	46 586,958	8,976	8,511
14	25	98 795	55 165,568	1 187 351,223	21,523	21,058	64	75	69 231	4 824,290	41 396,655	8,581	8,116
15	26	98 758	52 897,030	1 132 185,656	21,404	20,938	65	76	66 791	4 464,486	36 572,365	8,192	7,727
16	27	98 717	50 719,517	1 079 288,625	21,280	20,814	66	77	64 174	4 114,681	32 107,879	7,803	7,338
17	28	98 665	48 626,113	1 028 569,108	21,153	20,687	67	78	61 362	3 774,036	27 993,198	7,417	6,952
18	29	98 607	46 616,161	979 942,995	21,022	20,556	68	79	58 333	3 441,432	24 219,163	7,038	6,572
19	30	98 531	44 681,389	933 326,834	20,888	20,423	69	80	55 138	3 120,366	20 777,731	6,659	6,194
20	31	98 455	42 826,775	888 645,446	20,750	20,285	70	81	51 729	2 808,080	17 657,365	6,288	5,823
21	32	98 372	41 046,342	845 818,670	20,606	20,141	71	82	48 145	2 507,002	14 849,285	5,923	5,458
22	33	98 284	39 337,764	804 772,328	20,458	19,993	72	83	44 357	2 215,546	12 342,283	5,571	5,106
23	34	98 196	37 700,225	765 434,564	20,303	19,838	73	84	40 448	1 937,949	10 126,737	5,225	4,760
24	35	98 103	36 129,027	727 734,339	20,143	19,677	74	85	36 403	1 673,037	8 188,788	4,895	4,429
25	36	98 009	34 622,971	691 605,313	19,975	19,510	75	86	32 259	1 422,171	6 515,751	4,582	4,116
26	37	97 909	33 177,463	656 982,341	19,802	19,337	76	87	28 126	1 189,395	5 093,580	4,282	3,817
27	38	97 799	31 789,439	623 804,878	19,623	19,158	77	88	24 036	975,016	3 904,186	4,004	3,539
28	39	97 683	30 457,200	592 015,439	19,438	18,972	78	89	20 111	782,522	2 929,170	3,743	3,278
29	40	97 560	29 178,668	561 558,238	19,246	18,780	79	90	16 353	610,358	2 146,648	3,517	3,052
30	41	97 427	27 950,971	532 379,571	19,047	18,582	80	91	13 008	465,723	1 536,290	3,299	2,834
31	42	97 287	26 772,851	504 428,600	18,841	18,376	81	92	10 001	343,460	1 070,567	3,117	2,652
32	43	97 131	25 640,219	477 655,749	18,629	18,164	82	93	7 518	247,656	727,107	2,936	2,471
33	44	96 960	24 551,689	452 015,530	18,411	17,946	83	94	5 481	173,197	479,451	2,768	2,303
34	45	96 777	23 506,373	427 463,841	18,185	17,720	84	95	3 870	117,304	306,255	2,611	2,146
35	46	96 577	22 501,599	403 957,468	17,952	17,487	85	96	2 635	76,606	188,951	2,467	2,001
36	47	96 360	21 535,748	381 455,869	17,713	17,247	86	97	1 727	48,162	112,345	2,333	1,867
37	48	96 118	20 605,847	359 920,121	17,467	17,002	87	98	1 086	29,047	64,182	2,210	1,744
38	49	95 857	19 712,124	339 314,273	17,213	16,748	88	99	652	16,741	35,135	2,099	1,633
39	50	95 555	18 848,864	319 602,149	16,956	16,491	89	100	375	9,220	18,394	1,995	1,530
40	51	95 235	18 019,904	300 753,285	16,690	16,225							
41	52	94 880	17 220,865	282 733,381	16,418	15,953							
42	53	94 490	16 450,905	265 512,516	16,140	15,674							
43	54	94 062	15 708,739	249 061,611	15,855	15,390							
44	55	93 594	14 993,464	233 352,872	15,564	15,098							
45	56	93 077	14 302,750	218 359,409	15,267	14,802							
46	57	92 521	13 637,637	204 056,659	14,963	14,498							
47	58	91 923	12 997,156	190 419,022	14,651	14,186							
48	59	91 253	12 376,456	177 421,866	14,335	13,870							
49	60	90 531	11 777,944	165 045,411	14,013	13,548							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	12	99 564	99 564,040	2 255 903,180	22,658	22,193	50	62	89 205	11 132,285	149 893,654	13,465	13,000
1	13	99 171	95 128,020	2 156 339,139	22,668	22,203	51	63	88 287	10 568,643	138 761,368	13,130	12,664
2	14	99 130	91 211,870	2 061 211,119	22,598	22,133	52	64	87 278	10 021,841	128 192,726	12,791	12,326
3	15	99 100	87 467,405	1 969 999,249	22,523	22,057	53	65	86 202	9 494,854	118 170,885	12,446	11,981
4	16	99 074	83 879,368	1 882 531,844	22,443	21,978	54	66	85 057	8 986,763	108 676,031	12,093	11,628
5	17	99 046	80 436,762	1 798 652,476	22,361	21,896	55	67	83 807	8 493,727	99 689,268	11,737	11,272
6	18	99 019	77 136,849	1 718 215,714	22,275	21,810	56	68	82 480	8 018,431	91 195,541	11,373	10,908
7	19	98 986	73 967,465	1 641 078,865	22,186	21,721	57	69	81 084	7 561,330	83 177,110	11,000	10,535
8	20	98 957	70 931,505	1 567 111,400	22,093	21,628	58	70	79 577	7 118,304	75 615,780	10,623	10,158
9	21	98 927	68 019,043	1 496 179,895	21,996	21,531	59	71	77 962	6 689,519	68 497,476	10,240	9,774
10	22	98 899	65 227,306	1 428 160,852	21,895	21,430	60	72	76 224	6 273,728	61 807,957	9,852	9,387
11	23	98 868	62 548,533	1 362 933,546	21,790	21,325	61	73	74 339	5 869,205	55 534,229	9,462	8,997
12	24	98 836	59 979,731	1 300 385,013	21,680	21,215	62	74	72 314	5 476,547	49 665,024	9,069	8,603
13	25	98 806	57 516,482	1 240 405,282	21,566	21,101	63	75	70 118	5 093,724	44 188,477	8,675	8,210
14	26	98 773	55 153,432	1 182 888,800	21,447	20,982	64	76	67 746	4 720,771	39 094,753	8,281	7,816
15	27	98 735	52 884,511	1 127 735,368	21,324	20,859	65	77	65 155	4 355,138	34 373,982	7,893	7,428
16	28	98 691	50 705,891	1 074 850,856	21,198	20,733	66	78	62 394	4 000,606	30 018,844	7,504	7,038
17	29	98 640	48 613,817	1 024 144,965	21,067	20,602	67	79	59 395	3 653,009	26 018,238	7,122	6,657
18	30	98 578	46 602,786	975 531,148	20,933	20,468	68	80	56 215	3 316,491	22 365,229	6,744	6,278
19	31	98 503	44 668,742	928 928,362	20,796	20,331	69	81	52 835	2 990,042	19 048,741	6,371	5,906
20	32	98 425	42 813,841	884 259,620	20,654	20,188	70	82	49 267	2 674,442	16 058,699	6,005	5,539
21	33	98 337	41 031,792	841 445,779	20,507	20,042	71	83	45 491	2 368,755	13 384,257	5,650	5,185
22	34	98 248	39 323,380	800 413,987	20,355	19,889	72	84	41 575	2 076,606	11 015,502	5,305	4,839
23	35	98 154	37 684,211	761 090,607	20,197	19,731	73	85	37 523	1 797,805	8 938,896	4,972	4,507
24	36	98 064	36 114,656	723 406,395	20,031	19,566	74	86	33 390	1 534,585	7 141,091	4,653	4,188
25	37	97 962	34 606,518	687 291,739	19,860	19,395	75	87	29 220	1 288,170	5 606,506	4,352	3,887
26	38	97 856	33 159,757	652 685,221	19,683	19,218	76	88	25 080	1 060,593	4 318,336	4,072	3,606
27	39	97 745	31 771,741	619 525,464	19,499	19,034	77	89	21 097	855,784	3 257,742	3,807	3,342
28	40	97 619	30 437,051	587 753,723	19,310	18,845	78	90	17 265	671,782	2 401,959	3,576	3,110
29	41	97 491	29 158,061	557 316,671	19,114	18,648	79	91	13 822	515,877	1 730,177	3,354	2,889
30	42	97 349	27 928,568	528 158,610	18,911	18,446	80	92	10 697	382,970	1 214,299	3,171	2,706
31	43	97 200	26 749,021	500 230,042	18,701	18,236	81	93	8 108	278,468	831,329	2,985	2,520
32	44	97 031	25 613,965	473 481,022	18,485	18,020	82	94	5 960	196,328	552,861	2,816	2,351
33	45	96 851	24 524,114	447 867,057	18,262	17,797	83	95	4 243	134,075	356,532	2,659	2,194
34	46	96 654	23 476,538	423 342,943	18,033	17,567	84	96	2 922	88,558	222,458	2,512	2,047
35	47	96 441	22 469,892	399 866,404	17,796	17,330	85	97	1 937	56,328	133,900	2,377	1,912
36	48	96 203	21 500,535	377 396,513	17,553	17,088	86	98	1 235	34,447	77,572	2,252	1,787
37	49	95 948	20 569,407	355 895,978	17,302	16,837	87	99	754	20,182	43,125	2,137	1,672
38	50	95 660	19 671,563	335 326,571	17,046	16,581	88	100	440	11,285	22,942	2,033	1,568
39	51	95 344	18 807,340	315 655,007	16,784	16,318							
40	52	95 002	17 975,813	296 847,667	16,514	16,049							
41	53	94 619	17 173,588	278 871,854	16,238	15,773							
42	54	94 206	16 401,444	261 698,267	15,956	15,491							
43	55	93 761	15 658,609	245 296,822	15,665	15,200							
44	56	93 263	14 940,339	229 638,214	15,370	14,905							
45	57	92 726	14 248,797	214 697,874	15,068	14,603							
46	58	92 151	13 583,133	200 449,077	14,757	14,292							
47	59	91 517	12 939,808	186 865,944	14,441	13,976							
48	60	90 822	12 318,014	173 926,136	14,120	13,654							
49	61	90 043	11 714,469	161 608,122	13,796	13,330							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	13	99 556	99 556,026	2 250 988,204	22,610	22,145	50	63	88 642	11 062,067	146 349,578	13,230	12,765
1	14	99 162	95 119,499	2 151 432,179	22,618	22,153	51	64	87 692	10 497,433	135 287,511	12,888	12,422
2	15	99 119	91 201,984	2 056 312,680	22,547	22,082	52	65	86 636	9 948,186	124 790,079	12,544	12,079
3	16	99 088	87 456,403	1 965 110,696	22,470	22,004	53	66	85 529	9 420,700	114 841,892	12,190	11,725
4	17	99 059	83 866,461	1 877 654,293	22,389	21,923	54	67	84 330	8 909,888	105 421,192	11,832	11,367
5	18	99 030	80 423,854	1 793 787,832	22,304	21,839	55	68	83 042	8 416,159	96 511,304	11,467	11,002
6	19	98 996	77 119,230	1 713 363,978	22,217	21,752	56	69	81 679	7 940,567	88 095,145	11,094	10,629
7	20	98 965	73 952,188	1 636 244,748	22,126	21,660	57	70	80 223	7 481,017	80 154,578	10,714	10,249
8	21	98 935	70 915,759	1 562 292,560	22,030	21,565	58	71	78 654	7 035,698	72 673,560	10,329	9,864
9	22	98 906	68 004,807	1 491 376,801	21,930	21,465	59	72	76 958	6 603,377	65 637,862	9,940	9,475
10	23	98 876	65 212,674	1 423 371,994	21,827	21,361	60	73	75 120	6 182,898	59 034,485	9,548	9,083
11	24	98 845	62 534,236	1 358 159,320	21,719	21,253	61	74	73 131	5 773,765	52 851,587	9,154	8,689
12	25	98 817	59 967,606	1 295 625,085	21,605	21,140	62	75	70 968	5 374,642	47 077,822	8,759	8,294
13	26	98 784	57 503,830	1 235 657,478	21,488	21,023	63	76	68 613	4 984,424	41 703,180	8,367	7,901
14	27	98 749	55 140,379	1 178 153,648	21,366	20,901	64	77	66 086	4 605,146	36 718,757	7,973	7,508
15	28	98 708	52 870,304	1 123 013,269	21,241	20,776	65	78	63 348	4 234,398	32 113,611	7,584	7,119
16	29	98 666	50 693,069	1 070 142,965	21,110	20,645	66	79	60 394	3 872,314	27 879,213	7,200	6,734
17	30	98 612	48 599,869	1 019 449,896	20,976	20,511	67	80	57 238	3 520,383	24 006,900	6,819	6,354
18	31	98 550	46 589,596	970 850,027	20,838	20,373	68	81	53 867	3 177,992	20 486,517	6,446	5,981
19	32	98 473	44 655,251	924 260,432	20,698	20,232	69	82	50 321	2 847,745	17 308,544	6,078	5,613
20	33	98 390	42 798,664	879 605,180	20,552	20,087	70	83	46 550	2 526,962	14 460,799	5,723	5,257
21	34	98 301	41 016,790	836 806,516	20,402	19,936	71	84	42 638	2 220,207	11 933,837	5,375	4,910
22	35	98 206	39 306,677	795 789,726	20,246	19,780	72	85	38 568	1 926,435	9 713,630	5,042	4,577
23	36	98 115	37 669,222	756 483,049	20,082	19,617	73	86	34 418	1 649,028	7 787,196	4,722	4,257
24	37	98 017	36 097,494	718 813,827	19,913	19,448	74	87	30 244	1 389,993	6 138,167	4,416	3,951
25	38	97 910	34 588,049	682 716,334	19,739	19,273	75	88	26 056	1 148,672	4 748,175	4,134	3,668
26	39	97 802	33 141,297	648 128,284	19,557	19,091	76	89	22 013	930,896	3 599,503	3,867	3,401
27	40	97 680	31 750,723	614 986,988	19,369	18,904	77	90	18 111	734,676	2 668,607	3,632	3,167
28	41	97 550	30 415,556	583 236,265	19,176	18,710	78	91	14 592	567,793	1 933,931	3,406	2,941
29	42	97 413	29 134,691	552 820,709	18,975	18,509	79	92	11 366	424,213	1 366,138	3,220	2,755
30	43	97 262	27 903,709	523 686,018	18,768	18,302	80	93	8 673	310,502	941,925	3,034	2,568
31	44	97 100	26 721,631	495 782,309	18,554	18,088	81	94	6 428	220,755	631,422	2,860	2,395
32	45	96 922	25 585,197	469 060,678	18,333	17,868	82	95	4 613	151,981	410,667	2,702	2,237
33	46	96 728	24 492,987	443 475,481	18,106	17,641	83	96	3 203	101,219	258,686	2,556	2,090
34	47	96 518	23 443,457	418 982,494	17,872	17,407	84	97	2 148	65,116	157,467	2,418	1,953
35	48	96 284	22 433,151	395 539,037	17,632	17,167	85	98	1 386	40,288	92,351	2,292	1,827
36	49	96 033	21 462,512	373 105,886	17,384	16,919	86	99	858	23,934	52,063	2,175	1,710
37	50	95 751	20 527,083	351 643,373	17,131	16,665	87	100	509	13,605	28,129	2,068	1,602
38	51	95 449	19 628,227	331 116,291	16,869	16,404							
39	52	95 111	18 761,323	311 488,064	16,603	16,137							
40	53	94 741	17 926,462	292 726,741	16,329	15,864							
41	54	94 335	17 121,955	274 800,279	16,050	15,584							
42	55	93 905	16 349,104	257 678,324	15,761	15,296							
43	56	93 429	15 603,128	241 329,220	15,467	15,002							
44	57	92 911	14 883,981	225 726,093	15,166	14,700							
45	58	92 355	14 191,851	210 842,111	14,857	14,391							
46	59	91 744	13 523,200	196 650,261	14,542	14,076							
47	60	91 085	12 878,706	183 127,061	14,219	13,754							
48	61	90 333	12 251,628	170 248,354	13,896	13,431							
49	62	89 525	11 647,149	157 996,727	13,565	13,100							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	14	99 547	99 547,108	2 245 778,371	22,560	22,095	50	64	88 045	10 987,532	142 635,743	12,982	12,516
1	15	99 151	95 109,189	2 146 231,263	22,566	22,101	51	65	87 048	10 420,283	131 648,211	12,634	12,169
2	16	99 106	91 190,512	2 051 122,074	22,493	22,027	52	66	85 960	9 870,492	121 227,929	12,282	11,817
3	17	99 072	87 442,946	1 959 931,562	22,414	21,949	53	67	84 798	9 340,113	111 357,437	11,922	11,457
4	18	99 043	83 853,003	1 872 488,617	22,331	21,865	54	68	83 559	8 828,520	102 017,323	11,555	11,090
5	19	99 007	80 405,484	1 788 635,614	22,245	21,780	55	69	82 236	8 334,433	93 188,803	11,181	10,716
6	20	98 976	77 103,302	1 708 230,130	22,155	21,690	56	70	80 812	7 856,226	84 854,370	10,801	10,336
7	21	98 943	73 935,771	1 631 126,828	22,061	21,596	57	71	79 292	7 394,202	76 998,144	10,413	9,948
8	22	98 915	70 900,917	1 557 191,057	21,963	21,498	58	72	77 641	6 945,098	69 603,941	10,022	9,557
9	23	98 884	67 989,552	1 486 290,139	21,861	21,395	59	73	75 844	6 507,775	62 658,844	9,628	9,163
10	24	98 854	65 197,767	1 418 300,588	21,754	21,289	60	74	73 899	6 082,357	56 151,068	9,232	8,767
11	25	98 825	62 521,595	1 353 102,821	21,642	21,177	61	75	71 770	5 666,329	50 068,711	8,836	8,371
12	26	98 795	59 954,415	1 290 581,226	21,526	21,061	62	76	69 446	5 259,313	44 402,382	8,443	7,977
13	27	98 760	57 490,221	1 230 626,811	21,406	20,941	63	77	66 933	4 862,341	39 143,069	8,050	7,585
14	28	98 723	55 125,566	1 173 136,590	21,281	20,816	64	78	64 254	4 477,474	34 280,728	7,656	7,191
15	29	98 683	52 856,935	1 118 011,024	21,152	20,686	65	79	61 317	4 098,608	29 803,254	7,272	6,806
16	30	98 637	50 678,524	1 065 154,089	21,018	20,553	66	80	58 201	3 731,726	25 704,646	6,888	6,423
17	31	98 584	48 586,114	1 014 475,565	20,880	20,415	67	81	54 848	3 373,352	21 972,920	6,514	6,048
18	32	98 521	46 575,524	965 889,452	20,738	20,273	68	82	51 303	3 026,732	18 599,568	6,145	5,680
19	33	98 438	44 639,422	919 313,927	20,594	20,129	69	83	47 546	2 690,708	15 572,837	5,788	5,322
20	34	98 354	42 783,016	874 674,505	20,444	19,979	70	84	43 631	2 368,492	12 882,128	5,439	4,974
21	35	98 259	40 999,367	831 891,489	20,290	19,825	71	85	39 554	2 059,651	10 513,636	5,105	4,639
22	36	98 167	39 291,042	790 892,123	20,129	19,664	72	86	35 377	1 767,013	8 453,985	4,784	4,319
23	37	98 069	37 651,321	751 601,080	19,962	19,497	73	87	31 175	1 493,652	6 686,972	4,477	4,012
24	38	97 965	36 078,229	713 949,759	19,789	19,324	74	88	26 969	1 239,468	5 193,320	4,190	3,725
25	39	97 856	34 568,793	677 871,530	19,609	19,144	75	89	22 869	1 008,204	3 953,851	3,922	3,456
26	40	97 737	33 119,372	643 302,737	19,424	18,959	76	90	18 898	799,159	2 945,647	3,686	3,221
27	41	97 611	31 728,300	610 183,364	19,232	18,766	77	91	15 308	620,951	2 146,489	3,457	2,992
28	42	97 471	30 391,178	578 455,065	19,034	18,568	78	92	11 999	466,904	1 525,538	3,267	2,802
29	43	97 326	29 108,759	548 063,887	18,828	18,363	79	93	9 215	343,941	1 058,634	3,078	2,613
30	44	97 163	27 875,138	518 955,128	18,617	18,152	80	94	6 875	246,150	714,693	2,903	2,438
31	45	96 991	26 691,619	491 079,991	18,398	17,933	81	95	4 976	170,890	468,543	2,742	2,277
32	46	96 799	25 552,723	464 388,372	18,174	17,709	82	96	3 483	114,738	297,653	2,594	2,129
33	47	96 592	24 458,474	438 835,649	17,942	17,477	83	97	2 355	74,426	182,915	2,458	1,992
34	48	96 360	23 405,124	414 377,175	17,705	17,239	84	98	1 536	46,573	108,489	2,329	1,864
35	49	96 113	22 393,479	390 972,051	17,459	16,994	85	99	963	27,992	61,916	2,212	1,747
36	50	95 835	21 418,350	368 578,571	17,209	16,743	86	100	578	16,134	33,924	2,103	1,637
37	51	95 540	20 481,862	347 160,221	16,950	16,484							
38	52	95 215	19 580,201	326 678,360	16,684	16,219							
39	53	94 850	18 709,816	307 098,159	16,414	15,949							
40	54	94 456	17 872,566	288 388,343	16,136	15,671							
41	55	94 034	17 067,315	270 515,778	15,850	15,385							
42	56	93 572	16 291,176	253 448,463	15,557	15,092							
43	57	93 077	15 544,269	237 157,287	15,257	14,792							
44	58	92 539	14 824,497	221 613,017	14,949	14,484							
45	59	91 948	14 129,232	206 788,521	14,636	14,170							
46	60	91 311	13 459,343	192 659,289	14,314	13,849							
47	61	90 594	12 809,298	179 199,946	13,990	13,525							
48	62	89 814	12 181,221	166 390,647	13,660	13,194							
49	63	88 961	11 573,683	154 209,426	13,324	12,859							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	15	99 536	99 536,318	2 240 263,767	22,507	22,042
1	16	99 139	95 097,225	2 140 727,448	22,511	22,046
2	17	99 091	91 176,480	2 045 630,223	22,436	21,971
3	18	99 057	87 428,913	1 954 453,743	22,355	21,890
4	19	99 020	83 833,850	1 867 024,830	22,271	21,805
5	20	98 987	80 388,877	1 783 190,980	22,182	21,717
6	21	98 954	77 086,186	1 702 802,102	22,090	21,624
7	22	98 923	73 920,297	1 625 715,917	21,993	21,528
8	23	98 892	70 885,012	1 551 795,620	21,892	21,427
9	24	98 862	67 974,011	1 480 910,608	21,786	21,321
10	25	98 834	65 184,588	1 412 936,597	21,676	21,211
11	26	98 803	62 507,842	1 347 752,009	21,561	21,096
12	27	98 771	59 940,226	1 285 244,167	21,442	20,977
13	28	98 734	57 474,776	1 225 303,942	21,319	20,854
14	29	98 698	55 111,626	1 167 829,166	21,190	20,725
15	30	98 655	52 841,769	1 112 717,539	21,058	20,592
16	31	98 609	50 664,181	1 059 875,770	20,920	20,454
17	32	98 554	48 571,439	1 009 211,590	20,778	20,313
18	33	98 486	46 559,015	960 640,150	20,633	20,168
19	34	98 402	44 623,100	914 081,136	20,484	20,019
20	35	98 312	42 764,842	869 458,035	20,331	19,866
21	36	98 220	40 983,059	826 693,193	20,172	19,706
22	37	98 121	39 272,371	785 710,134	20,007	19,541
23	38	98 016	37 631,227	746 437,763	19,836	19,370
24	39	97 910	36 058,144	708 806,536	19,657	19,192
25	40	97 791	34 545,925	672 748,392	19,474	19,009
26	41	97 668	33 095,982	638 202,468	19,283	18,818
27	42	97 533	31 702,870	605 106,485	19,087	18,622
28	43	97 385	30 364,127	573 403,616	18,884	18,419
29	44	97 226	29 078,953	543 039,489	18,675	18,209
30	45	97 053	27 843,829	513 960,536	18,459	17,993
31	46	96 868	26 657,741	486 116,706	18,235	17,770
32	47	96 663	25 516,716	459 458,965	18,006	17,541
33	48	96 434	24 418,481	433 942,249	17,771	17,306
34	49	96 190	23 363,734	409 523,768	17,528	17,063
35	50	95 916	22 347,402	386 160,034	17,280	16,815
36	51	95 624	21 371,165	363 812,632	17,024	16,558
37	52	95 306	20 431,747	342 441,467	16,760	16,295
38	53	94 954	19 526,446	322 009,720	16,491	16,026
39	54	94 565	18 653,564	302 483,274	16,216	15,751
40	55	94 155	17 815,530	283 829,710	15,932	15,466
41	56	93 701	17 006,842	266 014,180	15,642	15,176
42	57	93 219	16 229,723	249 007,337	15,343	14,877
43	58	92 705	15 482,146	232 777,615	15,035	14,570
44	59	92 131	14 759,086	217 295,469	14,723	14,258
45	60	91 514	14 062,513	202 536,383	14,403	13,937
46	61	90 819	13 386,806	188 473,869	14,079	13,614
47	62	90 074	12 735,687	175 087,063	13,748	13,283
48	63	89 247	12 104,386	162 351,376	13,413	12,947
49	64	88 361	11 495,701	150 246,990	13,070	12,605
50	65	87 398	10 906,780	138 751,289	12,722	12,256
51	66	86 368	10 338,902	127 844,509	12,365	11,900
52	67	85 224	9 786,057	117 505,607	12,007	11,542
53	68	84 023	9 254,816	107 719,550	11,639	11,174
54	69	82 748	8 742,790	98 464,734	11,262	10,797
55	70	81 362	8 245,909	89 721,944	10,881	10,416
56	71	79 874	7 765,057	81 476,035	10,493	10,027
57	72	78 271	7 298,986	73 710,978	10,099	9,634
58	73	76 517	6 844,548	66 411,992	9,703	9,238
59	74	74 611	6 401,951	59 567,444	9,305	8,839
60	75	72 523	5 969,179	53 165,493	8,907	8,441
61	76	70 230	5 544,742	47 196,313	8,512	8,047
62	77	67 745	5 130,498	41 651,572	8,118	7,653
63	78	65 077	4 727,539	36 521,074	7,725	7,260
64	79	62 194	4 333,889	31 793,535	7,336	6,871
65	80	59 091	3 949,804	27 459,646	6,952	6,487
66	81	55 770	3 575,868	23 509,842	6,575	6,109
67	82	52 237	3 212,813	19 933,974	6,205	5,739
68	83	48 474	2 859,825	16 721,161	5,847	5,382
69	84	44 564	2 521,970	13 861,336	5,496	5,031
70	85	40 476	2 197,213	11 339,366	5,161	4,696
71	86	36 281	1 889,205	9 142,154	4,839	4,374
72	87	32 043	1 600,520	7 252,948	4,532	4,066
73	88	27 799	1 331,902	5 652,428	4,244	3,779
74	89	23 671	1 087,897	4 320,525	3,971	3,506
75	90	19 633	865,526	3 232,628	3,735	3,270
76	91	15 973	675,452	2 367,102	3,504	3,039
77	92	12 588	510,617	1 691,650	3,313	2,848
78	93	9 729	378,554	1 181,033	3,120	2,655
79	94	7 305	272,658	802,480	2,943	2,478
80	95	5 322	190,549	529,821	2,781	2,315
81	96	3 757	129,013	339,272	2,630	2,165
82	97	2 561	84,366	210,260	2,492	2,027
83	98	1 685	53,232	125,893	2,365	1,900
84	99	1 068	32,359	72,662	2,245	1,780
85	100	649	18,869	40,303	2,136	1,671

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	16	99 524	99 523,797	2 234 435,246	22,451	21,986	50	66	86 715	10 821,600	134 697,492	12,447	11,982
1	17	99 124	95 082,593	2 134 911,449	22,453	21,988	51	67	85 629	10 250,460	123 875,893	12,085	11,620
2	18	99 075	91 161,849	2 039 828,856	22,376	21,911	52	68	84 446	9 696,688	113 625,433	11,718	11,253
3	19	99 034	87 408,944	1 948 667,008	22,294	21,828	53	69	83 207	9 164,946	103 928,745	11,340	10,875
4	20	99 000	83 816,535	1 861 258,064	22,206	21,741	54	70	81 869	8 649,928	94 763,798	10,955	10,490
5	21	98 965	80 371,032	1 777 441,529	22,115	21,650	55	71	80 418	8 150,217	86 113,870	10,566	10,101
6	22	98 933	77 070,052	1 697 070,497	22,020	21,555	56	72	78 845	7 665,065	77 963,653	10,171	9,706
7	23	98 901	73 903,714	1 620 000,445	21,920	21,455	57	73	77 137	7 193,313	70 298,588	9,773	9,308
8	24	98 870	70 868,809	1 546 096,731	21,816	21,351	58	74	75 272	6 733,248	63 105,275	9,372	8,907
9	25	98 842	67 960,271	1 475 227,922	21,707	21,242	59	75	73 222	6 282,827	56 372,027	8,972	8,507
10	26	98 812	65 170,249	1 407 267,651	21,594	21,128	60	76	70 967	5 841,093	50 089,201	8,575	8,110
11	27	98 780	62 493,048	1 342 097,402	21,476	21,011	61	77	68 510	5 408,935	44 248,108	8,181	7,715
12	28	98 745	59 924,123	1 279 604,354	21,354	20,889	62	78	65 867	4 988,261	38 839,172	7,786	7,321
13	29	98 709	57 460,242	1 219 680,231	21,227	20,761	63	79	62 990	4 575,935	33 850,911	7,398	6,932
14	30	98 670	55 095,814	1 162 219,989	21,095	20,629	64	80	59 936	4 176,543	29 274,976	7,009	6,544
15	31	98 627	52 826,813	1 107 124,175	20,958	20,492	65	81	56 623	3 784,838	25 098,433	6,631	6,166
16	32	98 580	50 648,879	1 054 297,362	20,816	20,351	66	82	53 116	3 405,692	21 313,595	6,258	5,793
17	33	98 519	48 554,222	1 003 648,483	20,671	20,205	67	83	49 357	3 035,645	17 907,903	5,899	5,434
18	34	98 450	46 541,991	955 094,261	20,521	20,056	68	84	45 434	2 680,480	14 872,258	5,548	5,083
19	35	98 360	44 604,146	908 552,270	20,369	19,904	69	85	41 342	2 339,592	12 191,778	5,211	4,746
20	36	98 273	42 747,832	863 948,125	20,210	19,745	70	86	37 126	2 015,383	9 852,186	4,888	4,423
21	37	98 174	40 963,583	821 200,292	20,047	19,582	71	87	32 863	1 711,199	7 836,803	4,580	4,114
22	38	98 068	39 251,412	780 236,709	19,878	19,413	72	88	28 573	1 427,198	6 125,604	4,292	3,827
23	39	97 962	37 610,277	740 985,297	19,702	19,236	73	89	24 399	1 169,028	4 698,406	4,019	3,554
24	40	97 846	36 034,290	703 375,020	19,520	19,054	74	90	20 321	933,941	3 529,378	3,779	3,314
25	41	97 722	34 521,527	667 340,730	19,331	18,866	75	91	16 594	731,546	2 595,437	3,548	3,083
26	42	97 590	33 069,456	632 819,203	19,136	18,671	76	92	13 134	555,434	1 863,891	3,356	2,891
27	43	97 446	31 674,651	599 749,747	18,935	18,469	77	93	10 206	413,995	1 308,457	3,161	2,695
28	44	97 285	30 333,036	568 075,096	18,728	18,263	78	94	7 713	300,097	894,462	2,981	2,515
29	45	97 117	29 046,293	537 742,060	18,513	18,048	79	95	5 655	211,069	594,365	2,816	2,351
30	46	96 930	27 808,489	508 695,767	18,293	17,828	80	96	4 018	143,854	383,295	2,664	2,199
31	47	96 732	26 620,177	480 887,278	18,065	17,600	81	97	2 762	94,863	239,441	2,524	2,059
32	48	96 505	25 474,994	454 267,101	17,832	17,367	82	98	1 832	60,341	144,579	2,396	1,931
33	49	96 263	24 375,299	428 792,107	17,591	17,126	83	99	1 170	36,986	84,238	2,278	1,812
34	50	95 992	23 315,660	404 416,808	17,345	16,880	84	100	720	21,813	47,252	2,166	1,701
35	51	95 704	22 298,170	381 101,148	17,091	16,626							
36	52	95 390	21 318,875	358 802,978	16,830	16,365							
37	53	95 044	20 375,654	337 484,103	16,563	16,098							
38	54	94 669	19 467,739	317 108,449	16,289	15,824							
39	55	94 263	18 594,036	297 640,711	16,007	15,542							
40	56	93 821	17 752,407	279 046,674	15,719	15,254							
41	57	93 347	16 942,689	261 294,267	15,422	14,957							
42	58	92 847	16 164,859	244 351,578	15,116	14,651							
43	59	92 296	15 413,834	228 186,719	14,804	14,339							
44	60	91 696	14 689,394	212 772,885	14,485	14,020							
45	61	91 020	13 986,725	198 083,492	14,162	13,697							
46	62	90 297	13 309,876	184 096,766	13,832	13,366							
47	63	89 505	12 655,355	170 786,890	13,495	13,030							
48	64	88 646	12 022,829	158 131,535	13,153	12,687							
49	65	87 712	11 411,214	146 108,707	12,804	12,339							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	17	99 508	99 508,483	2 228 283,263	22,393	21,928
1	18	99 108	95 067,334	2 128 774,780	22,392	21,927
2	19	99 053	91 141,026	2 033 707,445	22,314	21,849
3	20	99 013	87 390,890	1 942 566,419	22,228	21,763
4	21	98 978	83 797,929	1 855 175,529	22,139	21,673
5	22	98 944	80 354,211	1 771 377,600	22,045	21,579
6	23	98 911	77 052,763	1 691 023,389	21,946	21,481
7	24	98 878	73 886,821	1 613 970,626	21,844	21,379
8	25	98 850	70 854,484	1 540 083,805	21,736	21,271
9	26	98 820	67 945,321	1 469 229,321	21,624	21,158
10	27	98 789	65 154,825	1 401 284,000	21,507	21,042
11	28	98 753	62 476,259	1 336 129,175	21,386	20,921
12	29	98 720	59 908,970	1 273 652,915	21,260	20,795
13	30	98 681	57 443,756	1 213 743,946	21,129	20,664
14	31	98 642	55 080,220	1 156 300,190	20,993	20,528
15	32	98 597	52 810,858	1 101 219,970	20,852	20,387
16	33	98 545	50 630,925	1 048 409,112	20,707	20,242
17	34	98 483	48 536,469	997 778,187	20,557	20,092
18	35	98 408	46 522,221	949 241,718	20,404	19,939
19	36	98 321	44 586,404	902 719,497	20,247	19,781
20	37	98 227	42 727,518	858 133,093	20,084	19,619
21	38	98 121	40 941,722	815 405,575	19,916	19,451
22	39	98 014	39 229,560	774 463,853	19,742	19,277
23	40	97 897	37 585,396	735 234,293	19,562	19,096
24	41	97 777	36 008,841	697 648,897	19,374	18,909
25	42	97 644	34 493,858	661 640,055	19,181	18,716
26	43	97 503	33 040,021	627 146,197	18,981	18,516
27	44	97 347	31 642,218	594 106,176	18,776	18,311
28	45	97 176	30 298,967	562 463,957	18,564	18,099
29	46	96 994	29 009,426	532 164,990	18,345	17,879
30	47	96 794	27 769,304	503 155,564	18,119	17,654
31	48	96 574	26 576,650	475 386,260	17,887	17,422
32	49	96 334	25 429,943	448 809,610	17,649	17,184
33	50	96 065	24 325,143	423 379,667	17,405	16,940
34	51	95 780	23 264,295	399 054,524	17,153	16,688
35	52	95 470	22 243,611	375 790,228	16,894	16,429
36	53	95 128	21 260,346	353 546,617	16,629	16,164
37	54	94 759	20 314,394	332 286,271	16,357	15,892
38	55	94 366	19 405,613	311 971,877	16,076	15,611
39	56	93 929	18 528,154	292 566,264	15,790	15,325
40	57	93 467	17 685,441	274 038,110	15,495	15,030
41	58	92 974	16 874,977	256 352,668	15,191	14,726
42	59	92 437	16 093,535	239 477,692	14,880	14,415
43	60	91 860	15 341,049	223 384,157	14,561	14,096
44	61	91 202	14 610,227	208 043,108	14,240	13,774
45	62	90 497	13 906,348	193 432,880	13,910	13,444
46	63	89 727	13 225,922	179 526,533	13,574	13,109
47	64	88 902	12 570,085	166 300,611	13,230	12,765
48	65	87 994	11 934,468	153 730,526	12,881	12,416
49	66	87 027	11 322,094	141 796,058	12,524	12,059
50	67	85 973	10 729,029	130 473,964	12,161	11,696
51	68	84 847	10 156,850	119 744,935	11,790	11,324
52	69	83 626	9 602,527	109 588,085	11,412	10,947
53	70	82 323	9 067,601	99 985,558	11,027	10,561
54	71	80 919	8 549,548	90 917,957	10,634	10,169
55	72	79 382	8 045,265	82 368,409	10,238	9,773
56	73	77 704	7 554,092	74 323,144	9,839	9,374
57	74	75 883	7 076,341	66 769,052	9,436	8,970
58	75	73 872	6 607,959	59 692,710	9,033	8,568
59	76	71 651	6 148,010	53 084,752	8,634	8,169
60	77	69 229	5 698,028	46 936,742	8,237	7,772
61	78	66 610	5 258,980	41 238,713	7,842	7,376
62	79	63 754	4 828,296	35 979,734	7,452	6,987
63	80	60 703	4 409,801	31 151,437	7,064	6,599
64	81	57 432	4 002,107	26 741,636	6,682	6,217
65	82	53 928	3 604,717	22 739,529	6,308	5,843
66	83	50 187	3 217,887	19 134,812	5,946	5,481
67	84	46 262	2 845,275	15 916,925	5,594	5,129
68	85	42 149	2 486,640	13 071,650	5,257	4,792
69	86	37 920	2 145,980	10 585,011	4,932	4,467
70	87	33 628	1 825,488	8 439,031	4,623	4,158
71	88	29 304	1 525,891	6 613,543	4,334	3,869
72	89	25 079	1 252,670	5 087,652	4,061	3,596
73	90	20 946	1 003,591	3 834,982	3,821	3,356
74	91	17 176	789,371	2 831,392	3,587	3,122
75	92	13 645	601,561	2 042,020	3,395	2,929
76	93	10 649	450,331	1 440,460	3,199	2,733
77	94	8 091	328,193	990,129	3,017	2,552
78	95	5 970	232,311	661,936	2,849	2,384
79	96	4 269	159,346	429,625	2,696	2,231
80	97	2 954	105,775	270,279	2,555	2,090
81	98	1 976	67,848	164,504	2,425	1,959
82	99	1 273	41,925	96,655	2,305	1,840
83	100	789	24,932	54,730	2,195	1,730

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	18	99 493	99 492,515	2 221 799,071	22,331	21,866	50	68	85 188	10 631,048	126 083,494	11,860	11,395
1	19	99 085	95 045,620	2 122 306,556	22,329	21,864	51	69	84 023	10 058,220	115 452,446	11,478	11,013
2	20	99 032	91 122,202	2 027 260,936	22,248	21,782	52	70	82 738	9 500,534	105 394,226	11,094	10,628
3	21	98 992	87 371,490	1 936 138,734	22,160	21,695	53	71	81 368	8 962,374	95 893,693	10,700	10,234
4	22	98 957	83 780,391	1 848 767,244	22,067	21,602	54	72	79 877	8 439,454	86 931,319	10,301	9,835
5	23	98 922	80 336,185	1 764 986,853	21,970	21,505	55	73	78 233	7 928,788	78 491,865	9,900	9,434
6	24	98 888	77 035,150	1 684 650,668	21,869	21,403	56	74	76 440	7 431,254	70 563,077	9,495	9,030
7	25	98 858	73 871,886	1 607 615,518	21,762	21,297	57	75	74 471	6 944,668	63 131,823	9,091	8,625
8	26	98 828	70 838,897	1 533 743,632	21,651	21,186	58	76	72 287	6 466,166	56 187,155	8,689	8,224
9	27	98 796	67 929,240	1 462 904,734	21,536	21,070	59	77	69 896	5 997,428	49 720,990	8,290	7,825
10	28	98 762	65 137,322	1 394 975,494	21,416	20,951	60	78	67 310	5 540,058	43 723,562	7,892	7,427
11	29	98 728	62 460,461	1 329 838,172	21,291	20,826	61	79	64 474	5 090,333	38 183,504	7,501	7,036
12	30	98 692	59 891,780	1 267 377,711	21,161	20,696	62	80	61 440	4 653,001	33 093,171	7,112	6,647
13	31	98 653	57 427,497	1 207 485,931	21,026	20,561	63	81	58 168	4 225,623	28 440,170	6,730	6,265
14	32	98 612	55 063,584	1 150 058,433	20,886	20,421	64	82	54 699	3 811,646	24 214,546	6,353	5,888
15	33	98 562	52 792,138	1 094 994,849	20,742	20,276	65	83	50 954	3 405,937	20 402,901	5,990	5,525
16	34	98 509	50 612,413	1 042 202,711	20,592	20,127	66	84	47 040	3 016,088	16 996,964	5,635	5,170
17	35	98 441	48 515,852	991 590,299	20,438	19,973	67	85	42 916	2 639,517	13 980,875	5,297	4,832
18	36	98 369	46 503,717	943 074,447	20,280	19,814	68	86	38 661	2 280,859	11 341,359	4,972	4,507
19	37	98 275	44 565,216	896 570,730	20,118	19,653	69	87	34 348	1 943,780	9 060,500	4,661	4,196
20	38	98 174	42 704,715	852 005,514	19,951	19,486	70	88	29 987	1 627,803	7 116,721	4,372	3,907
21	39	98 067	40 918,929	809 300,799	19,778	19,313	71	89	25 720	1 339,294	5 488,917	4,098	3,633
22	40	97 949	39 203,607	768 381,870	19,600	19,135	72	90	21 530	1 075,396	4 149,623	3,859	3,393
23	41	97 828	37 558,852	729 178,263	19,414	18,949	73	91	17 704	848,239	3 074,228	3,624	3,159
24	42	97 698	35 979,980	691 619,410	19,222	18,757	74	92	14 124	649,111	2 225,988	3,429	2,964
25	43	97 557	34 463,156	655 639,430	19,024	18,559	75	93	11 063	487,730	1 576,878	3,233	2,768
26	44	97 403	33 006,190	621 176,274	18,820	18,355	76	94	8 442	356,999	1 089,148	3,051	2,586
27	45	97 237	31 606,679	588 170,083	18,609	18,144	77	95	6 263	254,060	732,149	2,882	2,417
28	46	97 052	30 260,511	556 563,404	18,392	17,927	78	96	4 507	175,382	478,089	2,726	2,261
29	47	96 857	28 968,549	526 302,893	18,168	17,703	79	97	3 139	117,166	302,707	2,584	2,118
30	48	96 635	27 723,898	497 334,344	17,939	17,474	80	98	2 113	75,653	185,541	2,453	1,987
31	49	96 403	26 529,651	469 610,447	17,701	17,236	81	99	1 373	47,142	109,887	2,331	1,866
32	50	96 136	25 377,617	443 080,796	17,460	16,994	82	100	858	28,262	62,746	2,220	1,755
33	51	95 853	24 271,555	417 703,179	17,210	16,744							
34	52	95 546	23 207,372	393 431,624	16,953	16,488							
35	53	95 208	22 182,544	370 224,251	16,690	16,225							
36	54	94 842	21 196,426	348 041,707	16,420	15,955							
37	55	94 456	20 249,566	326 845,281	16,141	15,676							
38	56	94 032	19 336,856	306 595,715	15,856	15,390							
39	57	93 574	18 458,262	287 258,859	15,563	15,097							
40	58	93 093	17 614,760	268 800,597	15,260	14,795							
41	59	92 564	16 800,519	251 185,836	14,951	14,486							
42	60	92 001	16 017,541	234 385,318	14,633	14,168							
43	61	91 365	15 258,371	218 367,777	14,311	13,846							
44	62	90 678	14 526,267	203 109,406	13,982	13,517							
45	63	89 927	13 818,632	188 583,139	13,647	13,182							
46	64	89 123	13 136,808	174 764,508	13,303	12,838							
47	65	88 249	12 477,702	161 627,700	12,953	12,488							
48	66	87 307	11 841,261	149 149,998	12,596	12,131							
49	67	86 283	11 225,242	137 308,737	12,232	11,767							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	19	99 470	99 469,790	2 214 971,365	22,268	21,803	50	69	84 361	10 527,814	121 527,003	11,543	11,078
1	20	99 065	95 025,989	2 115 501,575	22,262	21,797	51	70	83 131	9 951,387	110 999,189	11,154	10,689
2	21	99 010	91 101,974	2 020 475,585	22,178	21,713	52	71	81 778	9 390,283	101 047,802	10,761	10,296
3	22	98 971	87 353,204	1 929 373,612	22,087	21,622	53	72	80 320	8 846,964	91 657,520	10,360	9,895
4	23	98 935	83 761,596	1 842 020,407	21,991	21,526	54	73	78 721	8 317,270	82 810,556	9,956	9,491
5	24	98 899	80 317,822	1 758 258,811	21,891	21,426	55	74	76 961	7 799,857	74 493,286	9,551	9,085
6	25	98 868	77 019,579	1 677 940,989	21,786	21,321	56	75	75 018	7 292,976	66 693,430	9,145	8,680
7	26	98 836	73 855,636	1 600 921,411	21,676	21,211	57	76	72 873	6 795,650	59 400,453	8,741	8,276
8	27	98 805	70 822,132	1 527 065,775	21,562	21,097	58	77	70 516	6 307,791	52 604,804	8,340	7,874
9	28	98 770	67 910,991	1 456 243,643	21,443	20,978	59	78	67 958	5 831,157	46 297,013	7,940	7,474
10	29	98 737	65 120,850	1 388 332,651	21,319	20,854	60	79	65 151	5 362,398	40 465,856	7,546	7,081
11	30	98 700	62 442,540	1 323 211,801	21,191	20,726	61	80	62 133	4 905,524	35 103,458	7,156	6,691
12	31	98 664	59 874,829	1 260 769,261	21,057	20,592	62	81	58 874	4 458,665	30 197,934	6,773	6,308
13	32	98 623	57 410,153	1 200 894,432	20,918	20,453	63	82	55 400	4 024,525	25 739,268	6,396	5,930
14	33	98 577	55 044,066	1 143 484,279	20,774	20,309	64	83	51 683	3 601,455	21 714,744	6,029	5,564
15	34	98 526	52 772,835	1 088 440,214	20,625	20,160	65	84	47 759	3 192,345	18 113,289	5,674	5,209
16	35	98 467	50 590,914	1 035 667,378	20,471	20,006	66	85	43 638	2 797,978	14 920,943	5,333	4,868
17	36	98 402	48 496,554	985 076,465	20,312	19,847	67	86	39 365	2 421,084	12 122,966	5,007	4,542
18	37	98 322	46 481,617	936 579,910	20,149	19,684	68	87	35 018	2 065,950	9 701,881	4,696	4,231
19	38	98 222	44 541,432	890 098,293	19,984	19,518	69	88	30 628	1 733,285	7 635,931	4,405	3,940
20	39	98 119	42 680,941	845 556,860	19,811	19,346	70	89	26 320	1 428,744	5 902,647	4,131	3,666
21	40	98 002	40 891,859	802 875,920	19,634	19,169	71	90	22 080	1 149,761	4 473,903	3,891	3,426
22	41	97 880	39 175,921	761 984,061	19,450	18,985	72	91	18 197	908,929	3 324,142	3,657	3,192
23	42	97 749	37 528,749	722 808,140	19,260	18,795	73	92	14 558	697,519	2 415,213	3,463	2,997
24	43	97 611	35 947,955	685 279,391	19,063	18,598	74	93	11 451	526,282	1 717,694	3,264	2,799
25	44	97 457	34 427,868	649 331,435	18,861	18,395	75	94	8 770	386,646	1 191,412	3,081	2,616
26	45	97 294	32 969,119	614 903,568	18,651	18,186	76	95	6 535	276,359	804,765	2,912	2,447
27	46	97 114	31 566,563	581 934,448	18,435	17,970	77	96	4 728	191,802	528,406	2,755	2,290
28	47	96 916	30 217,871	550 367,885	18,213	17,748	78	97	3 314	128,958	336,605	2,610	2,145
29	48	96 699	28 921,182	520 150,015	17,985	17,520	79	98	2 245	83,801	207,647	2,478	2,013
30	49	96 464	27 674,870	491 228,833	17,750	17,285	80	99	1 468	52,565	123,847	2,356	1,891
31	50	96 204	26 475,062	463 553,963	17,509	17,044	81	100	925	31,778	71,282	2,243	1,778
32	51	95 924	25 321,710	437 078,901	17,261	16,796							
33	52	95 619	24 212,167	411 757,191	17,006	16,541							
34	53	95 284	23 143,660	387 545,023	16,745	16,280							
35	54	94 922	22 115,852	364 401,364	16,477	16,012							
36	55	94 539	21 128,784	342 285,512	16,200	15,735							
37	56	94 121	20 177,818	321 156,728	15,916	15,451							
38	57	93 677	19 263,913	300 978,910	15,624	15,159							
39	58	93 200	18 384,493	281 714,997	15,324	14,858							
40	59	92 683	17 537,038	263 330,504	15,016	14,550							
41	60	92 127	16 721,187	245 793,466	14,700	14,234							
42	61	91 505	15 931,217	229 072,279	14,379	13,914							
43	62	90 840	15 170,685	213 141,062	14,050	13,584							
44	63	90 106	14 434,640	197 970,377	13,715	13,250							
45	64	89 321	13 725,524	183 535,737	13,372	12,907							
46	65	88 468	13 040,260	169 810,213	13,022	12,557							
47	66	87 560	12 380,253	156 769,953	12,663	12,198							
48	67	86 560	11 739,968	144 389,701	12,299	11,834							
49	68	85 495	11 122,730	132 649,732	11,926	11,461							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	20	99 449	99 449,245	2 207 794,785	22,200	21,735	50	70	83 465	10 415,993	116 805,323	11,214	10,749
1	21	99 043	95 004,895	2 108 345,539	22,192	21,727	51	71	82 166	9 835,904	106 389,330	10,816	10,351
2	22	98 989	91 082,907	2 013 340,645	22,104	21,639	52	72	80 724	9 269,362	96 553,427	10,416	9,951
3	23	98 949	87 333,608	1 922 257,738	22,011	21,545	53	73	79 157	8 718,880	87 284,065	10,011	9,546
4	24	98 912	83 742,450	1 834 924,129	21,912	21,446	54	74	77 440	8 182,021	78 565,185	9,602	9,137
5	25	98 879	80 301,586	1 751 181,679	21,808	21,342	55	75	75 529	7 654,721	70 383,164	9,195	8,730
6	26	98 847	77 002,636	1 670 880,093	21,699	21,234	56	76	73 408	7 136,484	62 728,443	8,790	8,325
7	27	98 813	73 838,157	1 593 877,457	21,586	21,121	57	77	71 088	6 629,205	55 591,959	8,386	7,921
8	28	98 778	70 803,106	1 520 039,300	21,469	21,003	58	78	68 561	6 132,916	48 962,754	7,984	7,518
9	29	98 745	67 893,818	1 449 236,194	21,346	20,880	59	79	65 779	5 644,162	42 829,838	7,588	7,123
10	30	98 709	65 102,166	1 381 342,376	21,218	20,753	60	80	62 786	5 167,711	37 185,676	7,196	6,731
11	31	98 672	62 424,867	1 316 240,210	21,085	20,620	61	81	59 538	4 700,642	32 017,965	6,811	6,346
12	32	98 634	59 856,746	1 253 815,344	20,947	20,482	62	82	56 072	4 246,476	27 317,323	6,433	5,968
13	33	98 588	57 389,803	1 193 958,598	20,804	20,339	63	83	52 345	3 802,595	23 070,848	6,067	5,602
14	34	98 541	55 023,940	1 136 568,795	20,656	20,191	64	84	48 442	3 375,602	19 268,253	5,708	5,243
15	35	98 484	52 750,419	1 081 544,856	20,503	20,038	65	85	44 305	2 961,489	15 892,650	5,366	4,901
16	36	98 428	50 570,791	1 028 794,437	20,344	19,878	66	86	40 027	2 566,432	12 931,162	5,039	4,573
17	37	98 355	48 473,508	978 223,646	20,181	19,715	67	87	35 656	2 192,963	10 364,730	4,726	4,261
18	38	98 269	46 456,811	929 750,138	20,013	19,548	68	88	31 226	1 842,225	8 171,767	4,436	3,971
19	39	98 167	44 516,635	883 293,327	19,842	19,377	69	89	26 883	1 521,326	6 329,542	4,161	3,695
20	40	98 055	42 652,705	838 776,692	19,665	19,200	70	90	22 595	1 226,552	4 808,215	3,920	3,455
21	41	97 933	40 862,980	796 123,986	19,483	19,018	71	91	18 663	971,783	3 581,663	3,686	3,220
22	42	97 801	39 144,522	755 261,006	19,294	18,829	72	92	14 964	747,425	2 609,880	3,492	3,027
23	43	97 662	37 495,345	716 116,485	19,099	18,634	73	93	11 803	565,530	1 862,455	3,293	2,828
24	44	97 511	35 911,147	678 621,139	18,897	18,432	74	94	9 078	417,209	1 296,925	3,109	2,643
25	45	97 347	34 389,200	642 709,993	18,689	18,224	75	95	6 789	299,310	879,716	2,939	2,474
26	46	97 170	32 927,274	608 320,793	18,475	18,009	76	96	4 934	208,636	580,407	2,782	2,317
27	47	96 977	31 522,082	575 393,519	18,254	17,788	77	97	3 477	141,031	371,771	2,636	2,171
28	48	96 757	30 168,461	543 871,437	18,028	17,563	78	98	2 370	92,234	230,740	2,502	2,036
29	49	96 528	28 870,037	513 702,976	17,794	17,328	79	99	1 560	58,225	138,506	2,379	1,914
30	50	96 266	27 617,925	484 832,939	17,555	17,090	80	100	990	35,434	80,280	2,266	1,800
31	51	95 992	26 416,738	457 215,014	17,308	16,843							
32	52	95 689	25 259,753	430 798,277	17,055	16,590							
33	53	95 356	24 145,696	405 538,524	16,795	16,330							
34	54	94 997	23 074,077	381 392,827	16,529	16,064							
35	55	94 619	22 045,275	358 318,750	16,254	15,789							
36	56	94 204	21 053,921	336 273,475	15,972	15,507							
37	57	93 766	20 101,704	315 219,554	15,681	15,216							
38	58	93 303	19 186,924	295 117,851	15,381	14,916							
39	59	92 789	18 303,375	275 930,927	15,075	14,610							
40	60	92 245	17 454,228	257 627,552	14,760	14,295							
41	61	91 630	16 631,070	240 173,324	14,441	13,976							
42	62	90 979	15 839,665	223 542,254	14,113	13,648							
43	63	90 267	15 074,994	207 702,589	13,778	13,313							
44	64	89 499	14 337,381	192 627,595	13,435	12,970							
45	65	88 664	13 624,649	178 290,214	13,086	12,621							
46	66	87 777	12 938,417	164 665,565	12,727	12,262							
47	67	86 811	12 274,349	151 727,148	12,361	11,896							
48	68	85 770	11 632,755	139 452,799	11,988	11,523							
49	69	84 664	11 014,721	127 820,044	11,604	11,139							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	21	99 427	99 427,169	2 200 254,421	22,129	21,664	50	71	82 496	10 295,118	111 922,829	10,871	10,406
1	22	99 022	94 985,011	2 100 827,253	22,117	21,652	51	72	81 108	9 709,245	101 627,711	10,467	10,002
2	23	98 967	91 062,474	2 005 842,242	22,027	21,562	52	73	79 556	9 135,163	91 918,466	10,062	9,597
3	24	98 926	87 313,646	1 914 779,767	21,930	21,465	53	74	77 870	8 577,100	82 783,303	9,652	9,186
4	25	98 892	83 725,522	1 827 466,122	21,827	21,362	54	75	76 000	8 029,774	74 206,203	9,241	8,776
5	26	98 857	80 283,922	1 743 740,600	21,720	21,254	55	76	73 908	7 490,466	66 176,429	8,835	8,370
6	27	98 823	76 984,412	1 663 456,678	21,608	21,142	56	77	71 610	6 961,692	58 685,963	8,430	7,965
7	28	98 786	73 818,320	1 586 472,266	21,492	21,026	57	78	69 117	6 445,419	51 724,272	8,025	7,560
8	29	98 753	70 785,202	1 512 653,945	21,370	20,904	58	79	66 363	5 936,244	45 278,853	7,628	7,162
9	30	98 717	67 874,338	1 441 868,744	21,243	20,778	59	80	63 391	5 439,246	39 342,609	7,233	6,768
10	31	98 681	65 083,740	1 373 994,405	21,111	20,646	60	81	60 164	4 951,878	33 903,363	6,847	6,381
11	32	98 642	62 406,013	1 308 910,665	20,974	20,509	61	82	56 705	4 476,937	28 951,485	6,467	6,002
12	33	98 599	59 835,528	1 246 504,653	20,832	20,367	62	83	52 980	4 012,352	24 474,548	6,100	5,635
13	34	98 552	57 368,819	1 186 669,125	20,685	20,220	63	84	49 062	3 564,128	20 462,241	5,741	5,276
14	35	98 499	55 000,567	1 129 300,306	20,533	20,067	64	85	44 939	3 131,493	16 898,113	5,396	4,931
15	36	98 445	52 729,437	1 074 299,739	20,374	19,909	65	86	40 639	2 716,412	13 766,620	5,068	4,603
16	37	98 381	50 546,759	1 021 570,302	20,210	19,745	66	87	36 255	2 324,616	11 050,208	4,754	4,288
17	38	98 303	48 447,639	971 023,543	20,043	19,578	67	88	31 794	1 955,484	8 725,592	4,462	3,997
18	39	98 215	46 430,948	922 575,904	19,870	19,405	68	89	27 407	1 616,945	6 770,109	4,187	3,722
19	40	98 103	44 487,185	876 144,957	19,694	19,229	69	90	23 078	1 306,033	5 153,164	3,946	3,480
20	41	97 985	42 622,583	831 657,771	19,512	19,047	70	91	19 097	1 036,688	3 847,131	3,711	3,246
21	42	97 854	40 830,229	789 035,189	19,325	18,860	71	92	15 346	799,110	2 810,444	3,517	3,052
22	43	97 714	39 109,680	748 204,960	19,131	18,666	72	93	12 132	605,993	2 011,333	3,319	2,854
23	44	97 562	37 456,952	709 095,280	18,931	18,466	73	94	9 357	448,322	1 405,341	3,135	2,669
24	45	97 402	35 870,813	671 638,328	18,724	18,259	74	95	7 027	322,969	957,018	2,963	2,498
25	46	97 224	34 345,552	635 767,515	18,511	18,046	75	96	5 126	225,963	634,050	2,806	2,341
26	47	97 033	32 880,876	601 421,963	18,291	17,826	76	97	3 628	153,409	408,087	2,660	2,195
27	48	96 818	31 470,540	568 541,088	18,066	17,601	77	98	2 487	100,869	254,678	2,525	2,060
28	49	96 586	30 115,110	537 070,548	17,834	17,369	78	99	1 647	64,085	153,809	2,400	1,935
29	50	96 329	28 810,632	506 955,438	17,596	17,131	79	100	1 052	39,250	89,724	2,286	1,821
30	51	96 054	27 557,083	478 144,805	17,351	16,886							
31	52	95 758	26 352,101	450 587,723	17,099	16,634							
32	53	95 427	25 190,406	424 235,621	16,841	16,376							
33	54	95 070	24 073,101	399 045,215	16,576	16,111							
34	55	94 694	23 000,443	374 972,114	16,303	15,838							
35	56	94 284	21 967,165	351 971,672	16,023	15,557							
36	57	93 849	20 974,501	330 004,507	15,734	15,268							
37	58	93 392	20 021,366	309 030,006	15,435	14,970							
38	59	92 891	19 102,265	289 008,640	15,130	14,664							
39	60	92 351	18 216,946	269 906,375	14,816	14,351							
40	61	91 748	17 360,161	251 689,429	14,498	14,033							
41	62	91 104	16 535,496	234 329,268	14,171	13,706							
42	63	90 405	15 739,754	217 793,772	13,837	13,372							
43	64	89 659	14 973,421	202 054,018	13,494	13,029							
44	65	88 841	14 232,010	187 080,597	13,145	12,680							
45	66	87 972	13 518,242	172 848,587	12,786	12,321							
46	67	87 026	12 827,738	159 330,345	12,421	11,956							
47	68	86 018	12 162,256	146 502,606	12,046	11,580							
48	69	84 937	11 519,794	134 340,350	11,662	11,196							
49	70	83 765	10 897,728	122 820,557	11,270	10,805							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	22	99 406	99 406,360	2 192 338,616	22,054	21,589	50	72	81 434	10 162,546	106 884,591	10,518	10,052
1	23	99 000	94 963,703	2 092 932,256	22,039	21,574	51	73	79 934	9 568,677	96 722,045	10,108	9,643
2	24	98 945	91 041,659	1 997 968,553	21,946	21,480	52	74	78 262	8 986,614	87 153,368	9,698	9,233
3	25	98 906	87 295,996	1 906 926,894	21,844	21,379	53	75	76 421	8 417,501	78 166,754	9,286	8,821
4	26	98 870	83 707,104	1 819 630,898	21,738	21,273	54	76	74 369	7 857,471	69 749,253	8,877	8,412
5	27	98 834	80 264,921	1 735 923,793	21,627	21,162	55	77	72 098	7 307,003	61 891,781	8,470	8,005
6	28	98 797	76 963,730	1 655 658,872	21,512	21,047	56	78	69 625	6 768,688	54 584,778	8,064	7,599
7	29	98 761	73 799,654	1 578 695,142	21,392	20,926	57	79	66 901	6 238,726	47 816,090	7,664	7,199
8	30	98 725	70 764,892	1 504 895,488	21,266	20,801	58	80	63 953	5 720,723	41 577,365	7,268	6,803
9	31	98 689	67 855,128	1 434 130,596	21,135	20,670	59	81	60 743	5 212,072	35 856,642	6,880	6,414
10	32	98 651	65 064,083	1 366 275,468	20,999	20,534	60	82	57 300	4 716,217	30 644,569	6,498	6,032
11	33	98 607	62 383,891	1 301 211,385	20,858	20,393	61	83	53 578	4 230,059	25 928,352	6,130	5,664
12	34	98 563	59 813,650	1 238 827,494	20,711	20,246	62	84	49 657	3 760,689	21 698,293	5,770	5,305
13	35	98 510	57 344,450	1 179 013,844	20,560	20,095	63	85	45 514	3 306,386	17 937,604	5,425	4,960
14	36	98 460	54 978,690	1 121 669,394	20,402	19,937	64	86	41 220	2 872,348	14 631,219	5,094	4,629
15	37	98 398	52 704,379	1 066 690,704	20,239	19,774	65	87	36 810	2 460,464	11 758,871	4,779	4,314
16	38	98 328	50 519,783	1 013 986,325	20,071	19,606	66	88	32 329	2 072,880	9 298,407	4,486	4,021
17	39	98 248	48 420,667	963 466,542	19,898	19,433	67	89	27 906	1 716,353	7 225,528	4,210	3,745
18	40	98 150	46 400,231	915 045,874	19,721	19,255	68	90	23 529	1 388,119	5 509,174	3,969	3,504
19	41	98 033	44 455,767	868 645,643	19,540	19,074	69	91	19 506	1 103,865	4 121,055	3,733	3,268
20	42	97 907	42 588,421	824 189,876	19,352	18,887	70	92	15 704	852,482	3 017,190	3,539	3,074
21	43	97 767	40 793,886	781 601,455	19,160	18,695	71	93	12 442	647,898	2 164,708	3,341	2,876
22	44	97 614	39 069,634	740 807,569	18,961	18,496	72	94	9 618	480,399	1 516,810	3,157	2,692
23	45	97 453	37 414,882	701 737,935	18,756	18,290	73	95	7 244	347,054	1 036,411	2,986	2,521
24	46	97 278	35 825,284	664 323,053	18,543	18,078	74	96	5 305	243,824	689,357	2,827	2,362
25	47	97 087	34 297,155	628 497,768	18,325	17,860	75	97	3 769	166,149	445,533	2,682	2,216
26	48	96 875	32 827,112	594 200,613	18,101	17,636	76	98	2 595	109,723	279,384	2,546	2,081
27	49	96 647	31 414,887	561 373,501	17,870	17,404	77	99	1 728	70,085	169,661	2,421	1,956
28	50	96 387	30 053,144	529 958,615	17,634	17,169	78	100	1 110	43,200	99,576	2,305	1,840
29	51	96 117	28 747,163	499 905,471	17,390	16,925							
30	52	95 819	27 489,656	471 158,308	17,139	16,674							
31	53	95 495	26 279,755	443 668,652	16,883	16,417							
32	54	95 140	25 114,670	417 388,897	16,619	16,154							
33	55	94 766	23 996,278	392 274,227	16,347	15,882							
34	56	94 358	22 918,948	368 277,949	16,069	15,603							
35	57	93 928	21 884,300	345 359,001	15,781	15,316							
36	58	93 474	20 890,675	323 474,701	15,484	15,019							
37	59	92 980	19 933,025	302 584,025	15,180	14,715							
38	60	92 453	19 012,064	282 651,000	14,867	14,402							
39	61	91 853	18 118,768	263 638,936	14,551	14,085							
40	62	91 221	17 260,397	245 520,168	14,224	13,759							
41	63	90 529	16 431,196	228 259,771	13,892	13,427							
42	64	89 796	15 633,702	211 828,574	13,549	13,084							
43	65	89 000	14 863,375	196 194,873	13,200	12,735							
44	66	88 147	14 120,860	181 331,498	12,841	12,376							
45	67	87 219	13 402,604	167 210,638	12,476	12,011							
46	68	86 231	12 710,592	153 808,034	12,101	11,636							
47	69	85 183	12 044,153	141 097,443	11,715	11,250							
48	70	84 035	11 397,436	129 053,290	11,323	10,858							
49	71	82 793	10 771,263	117 655,854	10,923	10,458							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	23	99 384	99 384,060	2 184 032,272	21,976	21,510	50	73	80 255	10 015,415	101 698,672	10,154	9,689
1	24	98 977	94 941,996	2 084 648,212	21,957	21,492	51	74	78 634	9 413,079	91 683,257	9,740	9,275
2	25	98 925	91 023,256	1 989 706,216	21,859	21,394	52	75	76 806	8 819,395	82 270,178	9,328	8,863
3	26	98 884	87 276,793	1 898 682,960	21,755	21,290	53	76	74 781	8 236,879	73 450,782	8,917	8,452
4	27	98 847	83 687,294	1 811 406,167	21,645	21,180	54	77	72 547	7 665,020	65 213,903	8,508	8,043
5	28	98 807	80 243,358	1 727 718,873	21,531	21,066	55	78	70 099	7 104,426	57 548,883	8,100	7,635
6	29	98 772	76 944,268	1 647 475,515	21,411	20,946	56	79	67 392	6 551,628	50 444,457	7,700	7,234
7	30	98 733	73 778,479	1 570 531,247	21,287	20,822	57	80	64 472	6 012,223	43 892,829	7,301	6,835
8	31	98 697	70 744,863	1 496 752,768	21,157	20,692	58	81	61 282	5 481,794	37 880,606	6,910	6,445
9	32	98 659	67 834,634	1 426 007,904	21,022	20,557	59	82	57 852	4 964,028	32 398,813	6,527	6,062
10	33	98 616	65 041,020	1 358 173,270	20,882	20,417	60	83	54 141	4 456,144	27 434,785	6,157	5,691
11	34	98 571	62 361,082	1 293 132,251	20,736	20,271	61	84	50 218	3 964,785	22 978,640	5,796	5,330
12	35	98 521	59 788,243	1 230 771,169	20,586	20,120	62	85	46 066	3 488,732	19 013,855	5,450	4,985
13	36	98 471	57 321,641	1 170 982,927	20,428	19,963	63	86	41 748	3 032,767	15 525,123	5,119	4,654
14	37	98 413	54 952,563	1 113 661,286	20,266	19,801	64	87	37 336	2 601,707	12 492,356	4,802	4,336
15	38	98 346	52 676,252	1 058 708,722	20,098	19,633	65	88	32 823	2 194,016	9 890,649	4,508	4,043
16	39	98 274	50 491,658	1 006 032,471	19,925	19,460	66	89	28 376	1 819,393	7 696,632	4,230	3,765
17	40	98 183	48 388,634	955 540,813	19,747	19,282	67	90	23 957	1 473,460	5 877,239	3,989	3,524
18	41	98 080	46 367,462	907 152,178	19,564	19,099	68	91	19 887	1 173,245	4 403,779	3,754	3,288
19	42	97 955	44 420,136	860 784,716	19,378	18,913	69	92	16 040	907,723	3 230,535	3,559	3,094
20	43	97 820	42 550,514	816 364,580	19,186	18,721	70	93	12 732	691,170	2 322,812	3,361	2,895
21	44	97 667	40 752,116	773 814,066	18,988	18,523	71	94	9 864	513,619	1 631,641	3,177	2,712
22	45	97 505	39 025,752	733 061,950	18,784	18,319	72	95	7 445	371,885	1 118,022	3,006	2,541
23	46	97 329	37 367,394	694 036,198	18,573	18,108	73	96	5 468	262,007	746,137	2,848	2,383
24	47	97 141	35 774,803	656 668,804	18,356	17,890	74	97	3 901	179,282	484,130	2,700	2,235
25	48	96 928	34 241,075	620 894,001	18,133	17,668	75	98	2 696	118,835	304,847	2,565	2,100
26	49	96 703	32 769,059	586 652,926	17,903	17,437	76	99	1 803	76,236	186,012	2,440	1,975
27	50	96 448	31 350,246	553 883,867	17,668	17,202	77	100	1 165	47,244	109,776	2,324	1,858
28	51	96 175	29 986,937	522 533,621	17,425	16,960							
29	52	95 882	28 676,824	492 546,684	17,176	16,711							
30	53	95 556	27 414,187	463 869,860	16,921	16,456							
31	54	95 208	26 200,744	436 455,673	16,658	16,193							
32	55	94 836	25 034,523	410 254,929	16,388	15,922							
33	56	94 431	23 911,256	385 220,406	16,110	15,645							
34	57	94 003	22 832,493	361 309,150	15,824	15,359							
35	58	93 553	21 796,838	338 476,657	15,529	15,063							
36	59	93 062	20 798,499	316 679,819	15,226	14,761							
37	60	92 541	19 838,901	295 881,320	14,914	14,449							
38	61	91 954	18 909,601	276 042,419	14,598	14,133							
39	62	91 326	18 014,645	257 132,818	14,274	13,808							
40	63	90 645	17 151,525	239 118,173	13,942	13,476							
41	64	89 919	16 320,485	221 966,648	13,600	13,135							
42	65	89 136	15 518,803	205 646,163	13,251	12,786							
43	66	88 305	14 747,294	190 127,360	12,892	12,427							
44	67	87 393	14 000,066	175 380,066	12,527	12,062							
45	68	86 423	13 280,207	161 379,999	12,152	11,687							
46	69	85 394	12 587,164	148 099,792	11,766	11,301							
47	70	84 278	11 916,226	135 512,628	11,372	10,907							
48	71	83 059	11 265,172	123 596,403	10,972	10,506							
49	72	81 727	10 632,559	112 331,231	10,565	10,100							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	24	99 361	99 361,342	2 175 322,523	21,893	21,428	50	74	78 950	9 852,553	96 376,485	9,782	9,317
1	25	98 957	94 922,805	2 075 961,180	21,870	21,405	51	75	77 171	9 237,925	86 523,933	9,366	8,901
2	26	98 903	91 003,233	1 981 038,376	21,769	21,304	52	76	75 158	8 630,149	77 286,008	8,955	8,490
3	27	98 861	87 256,138	1 890 035,143	21,661	21,196	53	77	72 950	8 035,135	68 655,859	8,544	8,079
4	28	98 821	83 664,811	1 802 779,005	21,548	21,082	54	78	70 536	7 452,517	60 620,724	8,134	7,669
5	29	98 782	80 223,067	1 719 114,194	21,429	20,964	55	79	67 851	6 876,600	53 168,207	7,732	7,267
6	30	98 743	76 922,192	1 638 891,127	21,306	20,841	56	80	64 945	6 313,765	46 291,607	7,332	6,867
7	31	98 705	73 757,597	1 561 968,935	21,177	20,712	57	81	61 779	5 761,119	39 977,842	6,939	6,474
8	32	98 667	70 723,497	1 488 211,338	21,043	20,577	58	82	58 366	5 220,913	34 216,724	6,554	6,089
9	33	98 624	67 810,588	1 417 487,841	20,904	20,438	59	83	54 662	4 690,290	28 995,810	6,182	5,717
10	34	98 580	65 017,238	1 349 677,253	20,759	20,294	60	84	50 745	4 176,692	24 305,520	5,819	5,354
11	35	98 529	62 334,592	1 284 660,015	20,609	20,144	61	85	46 586	3 678,069	20 128,828	5,473	5,007
12	36	98 482	59 764,462	1 222 325,422	20,452	19,987	62	86	42 254	3 200,023	16 450,759	5,141	4,676
13	37	98 424	57 294,401	1 162 560,961	20,291	19,826	63	87	37 814	2 747,011	13 250,735	4,824	4,358
14	38	98 361	54 923,236	1 105 266,560	20,124	19,659	64	88	33 293	2 319,964	10 503,724	4,528	4,062
15	39	98 291	52 646,926	1 050 343,324	19,951	19,485	65	89	28 810	1 925,716	8 183,760	4,250	3,785
16	40	98 209	50 458,255	997 696,398	19,773	19,307	66	90	24 360	1 561,918	6 258,043	4,007	3,541
17	41	98 114	48 354,461	947 238,143	19,589	19,124	67	91	20 249	1 245,375	4 696,125	3,771	3,306
18	42	98 002	46 330,299	898 883,682	19,402	18,936	68	92	16 353	964,775	3 450,750	3,577	3,112
19	43	97 867	44 380,599	852 553,383	19,210	18,745	69	93	13 005	735,958	2 485,975	3,378	2,913
20	44	97 719	42 506,944	808 172,784	19,013	18,548	70	94	10 094	547,924	1 750,017	3,194	2,729
21	45	97 557	40 706,345	765 665,840	18,809	18,344	71	95	7 636	397,602	1 202,094	3,023	2,558
22	46	97 381	38 976,220	724 959,495	18,600	18,135	72	96	5 621	280,753	804,492	2,865	2,400
23	47	97 192	37 314,739	685 983,275	18,384	17,918	73	97	4 021	192,653	523,739	2,719	2,253
24	48	96 982	35 716,307	648 668,536	18,162	17,696	74	98	2 790	128,228	331,086	2,582	2,117
25	49	96 757	34 180,523	612 952,229	17,933	17,468	75	99	1 873	82,567	202,858	2,457	1,992
26	50	96 504	32 701,632	578 771,707	17,699	17,233	76	100	1 215	51,391	120,291	2,341	1,875
27	51	96 236	31 281,181	546 070,075	17,457	16,992							
28	52	95 940	29 913,565	514 788,894	17,209	16,744							
29	53	95 619	28 598,096	484 875,329	16,955	16,490							
30	54	95 269	27 331,765	456 277,233	16,694	16,229							
31	55	94 904	26 117,132	428 945,468	16,424	15,959							
32	56	94 500	24 945,822	402 828,337	16,148	15,683							
33	57	94 074	23 821,058	377 882,515	15,863	15,398							
34	58	93 627	22 741,242	354 061,457	15,569	15,104							
35	59	93 140	21 700,664	331 320,216	15,268	14,803							
36	60	92 622	20 700,288	309 619,552	14,957	14,492							
37	61	92 042	19 731,982	288 919,264	14,642	14,177							
38	62	91 426	18 800,933	269 187,281	14,318	13,853							
39	63	90 749	17 901,015	250 386,349	13,987	13,522							
40	64	90 035	17 035,960	232 485,334	13,647	13,182							
41	65	89 258	16 200,539	215 449,373	13,299	12,834							
42	66	88 440	15 397,603	199 248,834	12,940	12,475							
43	67	87 549	14 621,142	183 851,231	12,574	12,109							
44	68	86 595	13 872,214	169 230,089	12,199	11,734							
45	69	85 583	13 151,248	155 357,875	11,813	11,348							
46	70	84 487	12 453,469	142 206,628	11,419	10,954							
47	71	83 300	11 777,941	129 753,159	11,017	10,551							
48	72	81 990	11 120,108	117 975,218	10,609	10,144							
49	73	80 544	10 478,624	106 855,109	10,197	9,732							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	25	99 341	99 341,258	2 166 194,833	21,806	21,340	50	75	77 481	9 669,221	90 931,185	9,404	8,939
1	26	98 935	94 901,924	2 066 853,576	21,779	21,314	51	76	75 515	9 039,698	81 261,965	8,989	8,524
2	27	98 879	90 981,696	1 971 951,652	21,674	21,209	52	77	73 317	8 418,773	72 222,267	8,579	8,113
3	28	98 834	87 232,696	1 880 969,956	21,563	21,097	53	78	70 927	7 812,371	63 803,494	8,167	7,702
4	29	98 796	83 643,655	1 793 737,260	21,445	20,980	54	79	68 274	7 213,528	55 991,123	7,762	7,297
5	30	98 754	80 200,049	1 710 093,605	21,323	20,858	55	80	65 388	6 626,938	48 777,595	7,361	6,895
6	31	98 715	76 900,420	1 629 893,556	21,195	20,730	56	81	62 233	6 050,067	42 150,657	6,967	6,502
7	32	98 675	73 735,321	1 552 993,135	21,062	20,597	57	82	58 839	5 486,945	36 100,590	6,579	6,114
8	33	98 632	70 698,427	1 479 257,815	20,923	20,458	58	83	55 147	4 933,009	30 613,645	6,206	5,741
9	34	98 588	67 785,794	1 408 559,388	20,780	20,314	59	84	51 234	4 396,155	25 680,635	5,842	5,376
10	35	98 538	64 989,620	1 340 773,593	20,631	20,165	60	85	47 076	3 874,652	21 284,481	5,493	5,028
11	36	98 490	62 309,798	1 275 783,973	20,475	20,010	61	86	42 731	3 373,692	17 409,829	5,160	4,695
12	37	98 435	59 736,061	1 213 474,174	20,314	19,849	62	87	38 273	2 898,032	14 036,137	4,843	4,377
13	38	98 371	57 263,824	1 153 738,114	20,148	19,683	63	88	33 719	2 449,533	11 137,628	4,547	4,082
14	39	98 306	54 892,659	1 096 474,290	19,975	19,510	64	89	29 221	2 036,262	8 688,095	4,267	3,801
15	40	98 226	52 612,097	1 041 581,631	19,797	19,332	65	90	24 733	1 653,195	6 651,833	4,024	3,558
16	41	98 139	50 422,620	988 969,533	19,614	19,148	66	91	20 589	1 320,140	4 998,638	3,786	3,321
17	42	98 035	48 315,705	938 546,913	19,425	18,960	67	92	16 651	1 024,089	3 678,498	3,592	3,127
18	43	97 915	46 289,061	890 231,208	19,232	18,767	68	93	13 259	782,214	2 654,409	3,393	2,928
19	44	97 767	44 335,156	843 942,147	19,036	18,570	69	94	10 309	583,429	1 872,195	3,209	2,744
20	45	97 610	42 459,203	799 606,991	18,832	18,367	70	95	7 814	424,157	1 288,766	3,038	2,573
21	46	97 433	40 654,679	757 147,789	18,624	18,159	71	96	5 765	300,168	864,609	2,880	2,415
22	47	97 244	38 921,298	716 493,110	18,409	17,944	72	97	4 133	206,437	564,441	2,734	2,269
23	48	97 033	37 253,725	677 571,812	18,188	17,723	73	98	2 876	137,791	358,004	2,598	2,133
24	49	96 811	35 653,145	640 318,086	17,960	17,494	74	99	1 939	89,094	220,214	2,472	2,006
25	50	96 557	34 110,191	604 664,941	17,727	17,262	75	100	1 263	55,658	131,120	2,356	1,891
26	51	96 292	32 629,590	570 554,750	17,486	17,021							
27	52	96 000	31 204,643	537 925,160	17,239	16,773							
28	53	95 676	29 831,441	506 720,518	16,986	16,521							
29	54	95 331	28 512,114	476 889,077	16,726	16,261							
30	55	94 965	27 244,543	448 376,962	16,457	15,992							
31	56	94 568	26 024,594	421 132,419	16,182	15,717							
32	57	94 144	24 851,721	395 107,825	15,899	15,433							
33	58	93 698	23 725,855	370 256,104	15,606	15,140							
34	59	93 214	22 640,900	346 530,249	15,305	14,840							
35	60	92 700	21 598,193	323 889,349	14,996	14,531							
36	61	92 123	20 588,727	302 291,156	14,682	14,217							
37	62	91 513	19 618,588	281 702,429	14,359	13,894							
38	63	90 849	18 682,343	262 083,840	14,028	13,563							
39	64	90 138	17 780,400	243 401,497	13,689	13,224							
40	65	89 373	16 910,756	225 621,097	13,342	12,877							
41	66	88 561	16 074,015	208 710,341	12,984	12,519							
42	67	87 683	15 265,888	192 636,326	12,619	12,154							
43	68	86 750	14 487,617	177 370,438	12,243	11,778							
44	69	85 754	13 737,506	162 882,820	11,857	11,392							
45	70	84 674	13 011,562	149 145,315	11,463	10,997							
46	71	83 506	12 308,950	136 133,753	11,060	10,595							
47	72	82 227	11 626,274	123 824,803	10,650	10,185							
48	73	80 803	10 959,114	112 198,529	10,238	9,773							
49	74	79 234	10 308,229	101 239,415	9,821	9,356							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	49	93 528	11 671,814	181 364,493	15,539	15,073
1	0	99 613	95 552,248	2 198 397,821	23,007	22,542	51	50	92 962	11 128,247	169 692,680	15,249	14,784
2	1	99 267	91 337,970	2 102 845,573	23,023	22,557	52	51	92 318	10 600,671	158 564,433	14,958	14,493
3	2	99 222	87 574,700	2 011 507,603	22,969	22,504	53	52	91 632	10 092,849	147 963,762	14,660	14,195
4	3	99 193	83 980,317	1 923 932,902	22,909	22,444	54	53	90 876	9 601,519	137 870,913	14,359	13,894
5	4	99 169	80 536,962	1 839 952,585	22,846	22,381	55	54	90 041	9 125,534	128 269,394	14,056	13,591
6	5	99 146	77 236,128	1 759 415,623	22,780	22,314	56	55	89 147	8 666,537	119 143,859	13,748	13,282
7	6	99 126	74 072,098	1 682 179,495	22,710	22,245	57	56	88 183	8 223,388	110 477,322	13,435	12,969
8	7	99 109	71 040,330	1 608 107,397	22,637	22,171	58	57	87 144	7 795,164	102 253,934	13,118	12,652
9	8	99 092	68 132,677	1 537 067,067	22,560	22,095	59	58	86 032	7 381,997	94 458,769	12,796	12,331
10	9	99 077	65 345,141	1 468 934,389	22,480	22,014	60	59	84 835	6 982,532	87 076,772	12,471	12,005
11	10	99 062	62 671,265	1 403 589,248	22,396	21,931	61	60	83 557	6 596,970	80 094,240	12,141	11,676
12	11	99 046	60 106,896	1 340 917,983	22,309	21,844	62	61	82 179	6 223,652	73 497,270	11,809	11,344
13	12	99 027	57 645,469	1 280 811,087	22,219	21,754	63	62	80 727	5 864,463	67 273,618	11,471	11,006
14	13	99 008	55 284,831	1 223 165,618	22,125	21,660	64	63	79 204	5 519,226	61 409,154	11,126	10,661
15	14	98 984	53 018,304	1 167 880,787	22,028	21,563	65	64	77 561	5 184,426	55 889,928	10,780	10,315
16	15	98 956	50 842,321	1 114 862,483	21,928	21,463	66	65	75 832	4 862,182	50 705,502	10,429	9,963
17	16	98 918	48 750,814	1 064 020,162	21,826	21,360	67	66	73 995	4 550,994	45 843,320	10,073	9,608
18	17	98 869	46 740,335	1 015 269,348	21,721	21,256	68	67	72 050	4 250,732	41 292,325	9,714	9,249
19	18	98 806	44 806,075	968 529,013	21,616	21,151	69	68	70 025	3 962,840	37 041,594	9,347	8,882
20	19	98 735	42 948,633	923 722,938	21,508	21,042	70	69	67 893	3 685,537	33 078,753	8,975	8,510
21	20	98 661	41 167,066	880 774,304	21,395	20,930	71	70	65 643	3 418,100	29 393,216	8,599	8,134
22	21	98 586	39 458,691	839 607,239	21,278	20,813	72	71	63 263	3 159,920	25 975,116	8,220	7,755
23	22	98 513	37 822,033	800 148,548	21,156	20,690	73	72	60 756	2 910,955	22 815,197	7,838	7,372
24	23	98 440	36 253,026	762 326,515	21,028	20,563	74	73	58 089	2 669,715	19 904,241	7,456	6,990
25	24	98 362	34 747,682	726 073,489	20,896	20,430	75	74	55 209	2 433,915	17 234,526	7,081	6,616
26	25	98 288	33 306,064	691 325,807	20,757	20,292	76	75	52 153	2 205,469	14 800,611	6,711	6,246
27	26	98 209	31 922,676	658 019,743	20,613	20,148	77	76	48 910	1 984,007	12 595,143	6,348	5,883
28	27	98 124	30 594,648	626 097,066	20,464	19,999	78	77	45 482	1 769,727	10 611,136	5,996	5,531
29	28	98 039	29 321,869	595 502,419	20,309	19,844	79	78	41 885	1 563,336	8 841,409	5,655	5,190
30	29	97 949	28 100,890	566 180,550	20,148	19,683	80	79	38 156	1 366,086	7 278,072	5,328	4,862
31	30	97 859	26 930,312	538 079,660	19,980	19,515	81	80	34 379	1 180,669	5 911,986	5,007	4,542
32	31	97 761	25 806,690	511 149,348	19,807	19,342	82	81	30 543	1 006,173	4 731,317	4,702	4,237
33	32	97 660	24 728,950	485 342,658	19,626	19,161	83	82	26 753	845,382	3 725,145	4,406	3,941
34	33	97 551	23 694,307	460 613,708	19,440	18,975	84	83	23 055	698,849	2 879,762	4,121	3,656
35	34	97 438	22 702,021	436 919,401	19,246	18,781	85	84	19 488	566,624	2 180,914	3,849	3,384
36	35	97 314	21 748,984	414 217,380	19,045	18,580	86	85	16 114	449,443	1 614,290	3,592	3,127
37	36	97 190	20 835,667	392 468,396	18,836	18,371	87	86	12 994	347,629	1 164,848	3,351	2,886
38	37	97 052	19 957,798	371 632,729	18,621	18,156	88	87	10 178	261,188	817,219	3,129	2,664
39	38	96 893	19 112,923	351 674,930	18,400	17,935	89	88	7 730	190,275	556,030	2,922	2,457
40	39	96 728	18 302,497	332 562,007	18,170	17,705	90	89	5 649	133,403	365,755	2,742	2,277
41	40	96 540	17 522,230	314 259,511	17,935	17,470	91	90	3 996	90,521	232,353	2,567	2,102
42	41	96 340	16 773,022	296 737,281	17,691	17,226	92	91	2 703	58,725	141,832	2,415	1,950
43	42	96 115	16 051,747	279 964,259	17,441	16,976	93	92	1 742	36,300	83,107	2,289	1,824
44	43	95 859	15 356,222	263 912,512	17,186	16,721	94	93	1 081	21,606	46,807	2,166	1,701
45	44	95 570	14 685,832	248 556,290	16,925	16,460	95	94	640	12,264	25,201	2,055	1,590
46	45	95 251	14 040,139	233 870,458	16,657	16,192	96	95	360	6,621	12,936	1,954	1,488
47	46	94 895	13 417,395	219 830,319	16,384	15,919	97	96	192	3,391	6,315	1,862	1,397
48	47	94 488	12 815,167	206 412,924	16,107	15,642	98	97	97	1,643	2,924	1,779	1,314
49	48	94 031	12 233,264	193 597,758	15,826	15,360	99	98	46	0,751	1,280	1,704	1,239
							100	99	21	0,323	0,529	1,636	1,171

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	48	93 694	11 692,491	182 808,871	15,635	15,170
1							51	49	93 154	11 151,192	171 116,380	15,345	14,880
2	0	99 581	91 626,841	2 105 015,141	22,974	22,509	52	50	92 522	10 624,075	159 965,188	15,057	14,592
3	1	99 248	87 597,823	2 013 388,300	22,984	22,519	53	51	91 856	10 117,605	149 341,113	14,761	14,295
4	2	99 208	83 992,827	1 925 790,477	22,928	22,463	54	52	91 126	9 627,952	139 223,508	14,460	13,995
5	3	99 180	80 545,962	1 841 797,649	22,866	22,401	55	53	90 313	9 153,053	129 595,556	14,159	13,694
6	4	99 158	77 245,334	1 761 251,688	22,801	22,336	56	54	89 432	8 694,283	120 442,503	13,853	13,388
7	5	99 136	74 079,585	1 684 006,353	22,732	22,267	57	55	88 497	8 252,629	111 748,220	13,541	13,076
8	6	99 118	71 046,518	1 609 926,768	22,660	22,195	58	56	87 474	7 824,681	103 495,591	13,227	12,762
9	7	99 101	68 138,526	1 538 880,250	22,585	22,119	59	57	86 378	7 411,618	95 670,911	12,908	12,443
10	8	99 085	65 349,954	1 470 741,725	22,506	22,040	60	58	85 211	7 013,478	88 259,293	12,584	12,119
11	9	99 068	62 675,589	1 405 391,771	22,423	21,958	61	59	83 954	6 628,269	81 245,815	12,257	11,792
12	10	99 053	60 111,162	1 342 716,182	22,337	21,872	62	60	82 624	6 257,376	74 617,546	11,925	11,460
13	11	99 035	57 650,079	1 282 605,020	22,248	21,783	63	61	81 194	5 898,360	68 360,170	11,590	11,124
14	12	99 016	55 289,282	1 224 954,941	22,155	21,690	64	62	79 707	5 554,260	62 461,811	11,246	10,781
15	13	98 993	53 023,053	1 169 665,659	22,060	21,594	65	63	78 087	5 219,595	56 907,550	10,903	10,437
16	14	98 967	50 847,832	1 116 642,606	21,960	21,495	66	64	76 393	4 898,181	51 687,956	10,552	10,087
17	15	98 930	48 756,947	1 065 794,774	21,859	21,394	67	65	74 577	4 586,817	46 789,774	10,201	9,736
18	16	98 884	46 747,528	1 017 037,826	21,756	21,291	68	66	72 672	4 287,407	42 202,958	9,843	9,378
19	17	98 822	44 813,267	970 290,298	21,652	21,187	69	67	70 671	3 999,364	37 915,550	9,480	9,015
20	18	98 757	42 958,446	925 477,032	21,544	21,078	70	68	68 559	3 721,677	33 916,186	9,113	8,648
21	19	98 682	41 175,570	882 518,586	21,433	20,968	71	69	66 347	3 454,795	30 194,510	8,740	8,275
22	20	98 608	39 467,452	841 343,016	21,317	20,852	72	70	64 006	3 197,020	26 739,714	8,364	7,899
23	21	98 534	37 829,950	801 875,564	21,197	20,732	73	71	61 548	2 948,929	23 542,694	7,983	7,518
24	22	98 462	36 261,161	764 045,613	21,071	20,605	74	72	58 942	2 708,934	20 593,765	7,602	7,137
25	23	98 385	34 755,626	727 784,453	20,940	20,475	75	73	56 122	2 474,147	17 884,831	7,229	6,763
26	24	98 308	33 312,798	693 028,826	20,804	20,338	76	74	53 142	2 247,285	15 410,683	6,857	6,392
27	25	98 231	31 929,700	659 716,028	20,662	20,196	77	75	49 983	2 027,513	13 163,398	6,492	6,027
28	26	98 147	30 601,890	627 786,328	20,515	20,049	78	76	46 624	1 814,161	11 135,885	6,138	5,673
29	27	98 065	29 329,749	597 184,438	20,361	19,896	79	77	43 080	1 607,914	9 321,724	5,797	5,332
30	28	97 974	28 107,997	567 854,690	20,203	19,737	80	78	39 420	1 411,345	7 713,810	5,466	5,000
31	29	97 887	26 938,041	539 746,692	20,037	19,571	81	79	35 674	1 225,149	6 302,465	5,144	4,679
32	30	97 789	25 813,996	512 808,651	19,866	19,400	82	80	31 874	1 050,028	5 077,316	4,835	4,370
33	31	97 689	24 736,421	486 994,655	19,687	19,222	83	81	28 089	887,625	4 027,288	4,537	4,072
34	32	97 585	23 702,709	462 258,234	19,502	19,037	84	82	24 401	739,635	3 139,663	4,245	3,780
35	33	97 473	22 710,324	438 555,525	19,311	18,846	85	83	20 792	604,535	2 400,028	3,970	3,505
36	34	97 356	21 758,226	415 845,201	19,112	18,647	86	84	17 371	484,478	1 795,493	3,706	3,241
37	35	97 229	20 843,958	394 086,974	18,907	18,441	87	85	14 166	378,992	1 311,015	3,459	2,994
38	36	97 098	19 967,287	373 243,016	18,693	18,228	88	86	11 236	288,358	932,023	3,232	2,767
39	37	96 945	19 123,128	353 275,729	18,474	18,009	89	87	8 668	213,383	643,665	3,016	2,551
40	38	96 782	18 312,692	334 152,600	18,247	17,782	90	88	6 437	151,989	430,282	2,831	2,366
41	39	96 604	17 533,830	315 839,909	18,013	17,548	91	89	4 655	105,443	278,293	2,639	2,174
42	40	96 408	16 784,876	298 306,079	17,772	17,307	92	90	3 198	69,480	172,850	2,488	2,023
43	41	96 193	16 064,623	281 521,203	17,524	17,059	93	91	2 118	44,144	103,370	2,342	1,876
44	42	95 944	15 369,903	265 456,580	17,271	16,806	94	92	1 333	26,649	59,227	2,222	1,757
45	43	95 668	14 700,884	250 086,678	17,012	16,546	95	93	807	15,471	32,578	2,106	1,641
46	44	95 358	14 055,926	235 385,793	16,746	16,281	96	94	465	8,553	17,107	2,000	1,535
47	45	95 016	13 434,446	221 329,868	16,475	16,010	97	95	255	4,492	8,553	1,904	1,439
48	46	94 621	12 833,250	207 895,421	16,200	15,735	98	96	132	2,235	4,061	1,817	1,352
49	47	94 185	12 253,300	195 062,171	15,919	15,454	99	97	65	1,051	1,827	1,739	1,273
							100	98	30	0,465	0,776	1,667	1,202

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	47	93 847	11 711,641	184 142,281	15,723	15,258
1							51	48	93 319	11 170,947	172 430,640	15,436	14,970
2							52	49	92 713	10 645,981	161 259,693	15,147	14,682
3	0	99 562	87 874,865	2 015 397,664	22,935	22,470	53	50	92 059	10 139,943	150 613,712	14,854	14,388
4	1	99 234	84 015,004	1 927 522,799	22,943	22,477	54	51	91 349	9 651,567	140 473,769	14,555	14,089
5	2	99 195	80 557,960	1 843 507,795	22,884	22,419	55	52	90 561	9 178,251	130 822,202	14,254	13,788
6	3	99 169	77 253,966	1 762 949,835	22,820	22,355	56	53	89 702	8 720,501	121 643,951	13,949	13,484
7	4	99 148	74 088,415	1 685 695,869	22,752	22,287	57	54	88 780	8 279,049	112 923,449	13,640	13,174
8	5	99 128	71 053,699	1 611 607,453	22,682	22,216	58	55	87 785	7 852,504	104 644,401	13,326	12,861
9	6	99 109	68 144,460	1 540 553,754	22,607	22,142	59	56	86 705	7 439,682	96 791,897	13,010	12,545
10	7	99 093	65 355,563	1 472 409,294	22,529	22,064	60	57	85 553	7 041,620	89 352,215	12,689	12,224
11	8	99 076	62 680,205	1 407 053,731	22,448	21,983	61	58	84 326	6 657,645	82 310,595	12,363	11,898
12	9	99 060	60 115,309	1 344 373,526	22,363	21,898	62	59	83 016	6 287,063	75 652,950	12,033	11,568
13	10	99 042	57 654,171	1 284 258,217	22,275	21,810	63	60	81 634	5 930,320	69 365,887	11,697	11,232
14	11	99 024	55 293,704	1 226 604,046	22,183	21,718	64	61	80 167	5 586,364	63 435,567	11,355	10,890
15	12	99 001	53 027,322	1 171 310,342	22,089	21,624	65	62	78 583	5 252,727	57 849,203	11,013	10,548
16	13	98 976	50 852,387	1 118 283,020	21,991	21,526	66	63	76 911	4 931,408	52 596,476	10,666	10,200
17	14	98 941	48 762,232	1 067 430,633	21,891	21,425	67	64	75 130	4 620,777	47 665,068	10,315	9,850
18	15	98 897	46 753,409	1 018 668,400	21,788	21,323	68	65	73 244	4 321,155	43 044,291	9,961	9,496
19	16	98 837	44 820,163	971 914,991	21,685	21,220	69	66	71 280	4 033,871	38 723,136	9,599	9,134
20	17	98 773	42 965,340	927 094,828	21,578	21,113	70	67	69 191	3 755,978	34 689,265	9,236	8,771
21	18	98 704	41 184,977	884 129,488	21,467	21,002	71	68	66 998	3 488,672	30 933,288	8,867	8,402
22	19	98 628	39 475,605	842 944,510	21,354	20,888	72	69	64 693	3 231,342	27 444,616	8,493	8,028
23	20	98 556	37 838,350	803 468,905	21,234	20,769	73	70	62 271	2 983,553	24 213,274	8,116	7,650
24	21	98 482	36 268,751	765 630,555	21,110	20,645	74	71	59 711	2 744,273	21 229,721	7,736	7,271
25	22	98 407	34 763,425	729 361,803	20,981	20,516	75	72	56 946	2 510,494	18 485,448	7,363	6,898
26	23	98 330	33 320,414	694 598,379	20,846	20,381	76	73	54 021	2 284,433	15 974,955	6,993	6,528
27	24	98 251	31 936,155	661 277,964	20,706	20,241	77	74	50 930	2 065,955	13 690,522	6,627	6,162
28	25	98 169	30 608,623	629 341,809	20,561	20,096	78	75	47 646	1 853,943	11 624,566	6,270	5,805
29	26	98 088	29 336,692	598 733,185	20,409	19,944	79	76	44 161	1 648,285	9 770,624	5,928	5,463
30	27	98 001	28 115,551	569 396,494	20,252	19,787	80	77	40 544	1 451,589	8 122,339	5,595	5,130
31	28	97 912	26 944,855	541 280,943	20,088	19,623	81	78	36 856	1 265,739	6 670,750	5,270	4,805
32	29	97 817	25 821,405	514 336,088	19,919	19,454	82	79	33 075	1 089,586	5 405,011	4,961	4,495
33	30	97 717	24 743,425	488 514,684	19,743	19,278	83	80	29 314	926,313	4 315,424	4,659	4,193
34	31	97 615	23 709,870	463 771,259	19,560	19,095	84	81	25 620	776,594	3 389,112	4,364	3,899
35	32	97 508	22 718,377	440 061,389	19,370	18,905	85	82	22 005	639,817	2 612,518	4,083	3,618
36	33	97 391	21 766,185	417 343,012	19,174	18,709	86	83	18 533	516,893	1 972,701	3,816	3,351
37	34	97 270	20 852,816	395 576,827	18,970	18,505	87	84	15 270	408,536	1 455,808	3,563	3,098
38	35	97 136	19 975,232	374 724,011	18,759	18,294	88	85	12 250	314,374	1 047,272	3,331	2,866
39	36	96 991	19 132,220	354 748,779	18,542	18,077	89	86	9 570	235,580	732,898	3,111	2,646
40	37	96 834	18 322,470	335 616,558	18,317	17,852	90	87	7 218	170,447	497,318	2,918	2,453
41	38	96 658	17 543,596	317 294,088	18,086	17,621	91	88	5 304	120,134	326,872	2,721	2,256
42	39	96 472	16 795,987	299 750,492	17,847	17,381	92	89	3 725	80,934	206,738	2,554	2,089
43	40	96 260	16 075,976	282 954,505	17,601	17,136	93	90	2 506	52,228	125,804	2,409	1,944
44	41	96 021	15 382,231	266 878,529	17,350	16,885	94	91	1 621	32,407	73,576	2,270	1,805
45	42	95 753	14 713,981	251 496,297	17,092	16,627	95	92	995	19,081	41,169	2,158	1,692
46	43	95 456	14 070,333	236 782,316	16,828	16,363	96	93	587	10,790	22,087	2,047	1,582
47	44	95 122	13 449,552	222 711,983	16,559	16,094	97	94	329	5,803	11,297	1,947	1,482
48	45	94 741	12 849,559	209 262,431	16,286	15,820	98	95	175	2,960	5,495	1,856	1,391
49	46	94 318	12 270,590	196 412,872	16,007	15,542	99	96	88	1,429	2,535	1,774	1,309
							100	97	42	0,651	1,106	1,699	1,234

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß 4,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4	0	99 548	84 280,715	1 929 382,510	22,892	22,427
5	1	99 221	80 579,230	1 845 101,795	22,898	22,433
6	2	99 184	77 265,474	1 764 522,565	22,837	22,372
7	3	99 159	74 096,694	1 687 257,091	22,771	22,306
8	4	99 140	71 062,169	1 613 160,397	22,701	22,235
9	5	99 119	68 151,349	1 542 098,228	22,628	22,162
10	6	99 102	65 361,255	1 473 946,879	22,551	22,086
11	7	99 084	62 685,585	1 408 585,624	22,471	22,005
12	8	99 067	60 119,737	1 345 900,039	22,387	21,922
13	9	99 049	57 658,148	1 285 780,302	22,300	21,835
14	10	99 031	55 297,628	1 228 122,154	22,209	21,744
15	11	99 009	53 031,563	1 172 824,526	22,116	21,650
16	12	98 984	50 856,481	1 119 792,963	22,019	21,553
17	13	98 950	48 766,601	1 068 936,482	21,919	21,454
18	14	98 908	46 758,477	1 020 169,881	21,818	21,353
19	15	98 849	44 825,802	973 411,404	21,715	21,250
20	16	98 788	42 971,952	928 585,602	21,609	21,144
21	17	98 720	41 191,587	885 613,650	21,500	21,035
22	18	98 651	39 484,624	844 422,062	21,386	20,921
23	19	98 576	37 846,167	804 937,438	21,269	20,803
24	20	98 504	36 276,805	767 091,271	21,146	20,680
25	21	98 427	34 770,702	730 814,467	21,018	20,553
26	22	98 353	33 327,891	696 043,765	20,885	20,420
27	23	98 273	31 943,457	662 715,874	20,747	20,281
28	24	98 189	30 614,812	630 772,417	20,604	20,138
29	25	98 110	29 343,146	600 157,605	20,453	19,988
30	26	98 024	28 122,206	570 814,458	20,298	19,832
31	27	97 938	26 952,096	542 692,252	20,135	19,670
32	28	97 842	25 827,936	515 740,157	19,968	19,503
33	29	97 745	24 750,526	489 912,221	19,794	19,329
34	30	97 642	23 716,582	465 161,695	19,613	19,148
35	31	97 537	22 725,241	441 445,113	19,425	18,960
36	32	97 426	21 773,903	418 719,872	19,230	18,765
37	33	97 306	20 860,443	396 945,969	19,029	18,563
38	34	97 178	19 983,721	376 085,525	18,820	18,354
39	35	97 030	19 139,833	356 101,804	18,605	18,140
40	36	96 880	18 331,181	336 961,971	18,382	17,917
41	37	96 709	17 552,964	318 630,789	18,153	17,687
42	38	96 525	16 805,343	301 077,825	17,916	17,450
43	39	96 324	16 086,618	284 272,482	17,671	17,206
44	40	96 089	15 393,102	268 185,864	17,422	16,957
45	41	95 830	14 725,784	252 792,762	17,167	16,701
46	42	95 541	14 082,868	238 066,978	16,905	16,440
47	43	95 220	13 463,338	223 984,110	16,637	16,171
48	44	94 848	12 864,007	210 520,772	16,365	15,900
49	45	94 437	12 286,184	197 656,765	16,088	15,623

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
50	46	93 980	11 728,167	185 370,580	15,806	15,340
51	47	93 472	11 189,243	173 642,413	15,519	15,053
52	48	92 877	10 664,841	162 453,170	15,233	14,767
53	49	92 249	10 160,851	151 788,329	14,939	14,473
54	50	91 551	9 672,876	141 627,478	14,642	14,176
55	51	90 784	9 200,763	131 954,602	14,342	13,876
56	52	89 949	8 744,508	122 753,839	14,038	13,573
57	53	89 048	8 304,015	114 009,330	13,729	13,264
58	54	88 066	7 877,643	105 705,315	13,418	12,953
59	55	87 013	7 466,136	97 827,672	13,103	12,638
60	56	85 877	7 068,283	90 361,536	12,784	12,319
61	57	84 664	6 684,359	83 293,254	12,461	11,996
62	58	83 384	6 314,297	76 608,894	12,131	11,666
63	59	82 021	5 958,456	70 293,968	11,797	11,332
64	60	80 602	5 616,634	64 335,512	11,454	10,989
65	61	79 037	5 283,087	58 718,878	11,115	10,649
66	62	77 400	4 962,711	53 435,791	10,767	10,302
67	63	75 639	4 652,122	48 473,079	10,420	9,954
68	64	73 786	4 353,148	43 820,957	10,066	9,601
69	65	71 842	4 065,623	39 467,809	9,708	9,242
70	66	69 788	3 788,384	35 402,186	9,345	8,880
71	67	67 615	3 520,826	31 613,802	8,979	8,514
72	68	65 328	3 263,028	28 092,976	8,609	8,144
73	69	62 940	3 015,583	24 829,949	8,234	7,769
74	70	60 412	2 776,493	21 814,366	7,857	7,392
75	71	57 689	2 543,243	19 037,872	7,486	7,020
76	72	54 814	2 317,992	16 494,629	7,116	6,651
77	73	51 772	2 100,106	14 176,637	6,750	6,285
78	74	48 550	1 889,094	12 076,531	6,393	5,928
79	75	45 130	1 684,429	10 187,437	6,048	5,583
80	76	41 562	1 488,035	8 503,008	5,714	5,249
81	77	37 907	1 301,831	7 014,973	5,389	4,923
82	78	34 171	1 125,685	5 713,142	5,075	4,610
83	79	30 418	961,210	4 587,457	4,773	4,307
84	80	26 737	810,442	3 626,247	4,474	4,009
85	81	23 105	671,788	2 815,805	4,192	3,726
86	82	19 614	547,061	2 144,017	3,919	3,454
87	83	16 292	435,870	1 596,956	3,664	3,199
88	84	13 205	338,880	1 161,086	3,426	2,961
89	85	10 433	256,834	822,206	3,201	2,736
90	86	7 969	188,177	565,372	3,004	2,539
91	87	5 948	134,723	377,195	2,800	2,335
92	88	4 244	92,210	242,472	2,630	2,164
93	89	2 919	60,838	150,262	2,470	2,005
94	90	1 918	38,343	89,424	2,332	1,867
95	91	1 210	23,205	51,082	2,201	1,736
96	92	723	13,308	27,877	2,095	1,630
97	93	415	7,320	14,569	1,990	1,525
98	94	226	3,824	7,249	1,896	1,431
99	95	117	1,893	3,425	1,810	1,345
100	96	57	0,885	1,533	1,732	1,267

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	45	94 099	11 743,072	186 500,491	15,882	15,417
1							51	46	93 604	11 205,032	174 757,419	15,596	15,131
2							52	47	93 029	10 682,308	163 552,387	15,311	14,845
3							53	48	92 412	10 178,851	152 870,079	15,018	14,553
4							54	49	91 740	9 692,821	142 691,228	14,721	14,256
5	0	99 535	80 834,075	1 846 822,055	22,847	22,382	55	50	90 984	9 221,077	132 998,407	14,423	13,958
6	1	99 210	77 285,875	1 765 987,980	22,850	22,385	56	51	90 169	8 765,957	123 777,329	14,120	13,655
7	2	99 174	74 107,732	1 688 702,106	22,787	22,322	57	52	89 293	8 326,876	115 011,372	13,812	13,347
8	3	99 151	71 070,110	1 614 594,374	22,718	22,253	58	53	88 332	7 901,399	106 684,497	13,502	13,037
9	4	99 131	68 159,472	1 543 524,264	22,646	22,181	59	54	87 291	7 490,038	98 783,098	13,189	12,723
10	5	99 112	65 367,862	1 475 364,792	22,570	22,105	60	55	86 183	7 093,416	91 293,060	12,870	12,405
11	6	99 093	62 691,045	1 409 996,930	22,491	22,026	61	56	84 985	6 709,669	84 199,644	12,549	12,084
12	7	99 076	60 124,897	1 347 305,885	22,408	21,943	62	57	83 719	6 340,266	77 489,975	12,222	11,757
13	8	99 056	57 662,395	1 287 180,988	22,323	21,857	63	58	82 385	5 984,863	71 149,708	11,888	11,423
14	9	99 038	55 301,443	1 229 518,593	22,233	21,768	64	59	80 984	5 643,281	65 164,845	11,547	11,082
15	10	99 016	53 035,327	1 174 217,150	22,140	21,675	65	60	79 466	5 311,714	59 521,564	11,206	10,740
16	11	98 992	50 860,548	1 121 181,824	22,044	21,579	66	61	77 847	4 991,395	54 209,850	10,861	10,395
17	12	98 958	48 770,527	1 070 321,275	21,946	21,481	67	62	76 119	4 681,652	49 218,454	10,513	10,048
18	13	98 916	46 762,666	1 021 550,748	21,845	21,380	68	63	74 287	4 382,678	44 536,802	10,162	9,697
19	14	98 860	44 830,661	974 788,082	21,744	21,279	69	64	72 373	4 095,724	40 154,124	9,804	9,339
20	15	98 801	42 977,359	929 957,421	21,638	21,173	70	65	70 337	3 818,204	36 058,400	9,444	8,979
21	16	98 735	41 197,927	886 980,063	21,530	21,065	71	66	68 199	3 551,203	32 240,196	9,079	8,613
22	17	98 667	39 490,961	845 782,136	21,417	20,952	72	67	65 930	3 293,101	28 688,993	8,712	8,247
23	18	98 599	37 854,813	806 291,175	21,300	20,834	73	68	63 557	3 045,153	25 395,891	8,340	7,875
24	19	98 525	36 284,299	768 436,361	21,178	20,713	74	69	61 061	2 806,301	22 350,738	7,964	7,499
25	20	98 449	34 778,422	732 152,063	21,052	20,587	75	70	58 366	2 573,104	19 544,438	7,596	7,130
26	21	98 373	33 334,867	697 373,640	20,920	20,455	76	71	55 529	2 348,231	16 971,334	7,227	6,762
27	22	98 295	31 950,625	664 038,773	20,783	20,318	77	72	52 533	2 130,957	14 623,103	6,862	6,397
28	23	98 211	30 621,811	632 088,148	20,642	20,177	78	73	49 352	1 920,321	12 492,146	6,505	6,040
29	24	98 130	29 349,079	601 466,337	20,494	20,028	79	74	45 985	1 716,366	10 571,826	6,159	5,694
30	25	98 045	28 128,394	572 117,258	20,339	19,874	80	75	42 474	1 520,665	8 855,459	5,823	5,358
31	26	97 961	26 958,476	543 988,864	20,179	19,714	81	76	38 858	1 334,517	7 334,794	5,496	5,031
32	27	97 868	25 834,876	517 030,388	20,013	19,548	82	77	35 145	1 157,783	6 000,277	5,183	4,717
33	28	97 770	24 756,786	491 195,512	19,841	19,376	83	78	31 426	993,056	4 842,494	4,876	4,411
34	29	97 670	23 723,389	466 438,726	19,662	19,196	84	79	27 744	840,974	3 849,438	4,577	4,112
35	30	97 565	22 731,675	442 715,337	19,476	19,010	85	80	24 112	701,068	3 008,463	4,291	3,826
36	31	97 455	21 780,481	419 983,662	19,283	18,817	86	81	20 595	574,396	2 307,395	4,017	3,552
37	32	97 340	20 867,840	398 203,181	19,082	18,617	87	82	17 243	461,309	1 732,999	3,757	3,291
38	33	97 213	19 991,031	377 335,340	18,875	18,410	88	83	14 089	361,554	1 271,690	3,517	3,052
39	34	97 071	19 147,967	357 344,310	18,662	18,197	89	84	11 247	276,855	910,136	3,287	2,822
40	35	96 918	18 338,476	338 196,343	18,442	17,977	90	85	8 688	205,155	633,282	3,087	2,622
41	36	96 755	17 561,309	319 857,867	18,214	17,749	91	86	6 567	148,737	428,127	2,878	2,413
42	37	96 577	16 814,316	302 296,558	17,979	17,513	92	87	4 759	103,408	279,389	2,702	2,237
43	38	96 378	16 095,579	285 482,241	17,737	17,271	93	88	3 326	69,314	175,981	2,539	2,074
44	39	96 152	15 403,292	269 386,663	17,489	17,024	94	89	2 234	44,663	106,667	2,388	1,923
45	40	95 898	14 736,191	253 983,370	17,235	16,770	95	90	1 432	27,454	62,004	2,258	1,793
46	41	95 618	14 094,165	239 247,179	16,975	16,510	96	91	880	16,183	34,549	2,135	1,670
47	42	95 305	13 475,332	225 153,015	16,709	16,243	97	92	512	9,028	18,366	2,034	1,569
48	43	94 945	12 877,193	211 677,683	16,438	15,973	98	93	285	4,824	9,338	1,936	1,471
49	44	94 544	12 299,999	198 800,490	16,163	15,697	99	94	151	2,445	4,514	1,847	1,381
							100	95	75	1,172	2,069	1,765	1,300

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	44	94 205	11 756,276	187 538,421	15,952	15,487
1							51	45	93 723	11 219,272	175 782,144	15,668	15,203
2							52	46	93 161	10 697,382	164 562,873	15,383	14,918
3							53	47	92 564	10 195,522	153 865,491	15,091	14,626
4							54	48	91 902	9 709,992	143 669,969	14,796	14,331
5							55	49	91 172	9 240,090	133 959,977	14,498	14,032
6	0	99 524	77 530,304	1 767 578,616	22,799	22,333	56	50	90 368	8 785,311	124 719,886	14,196	13,731
7	1	99 200	74 127,299	1 690 048,312	22,799	22,334	57	51	89 512	8 347,300	115 934,575	13,889	13,424
8	2	99 165	71 080,696	1 615 921,013	22,734	22,268	58	52	88 575	7 923,151	107 587,276	13,579	13,114
9	3	99 142	68 167,088	1 544 840,317	22,663	22,197	59	53	87 555	7 512,625	99 664,125	13,266	12,801
10	4	99 124	65 375,654	1 476 673,229	22,588	22,122	60	54	86 458	7 116,125	92 151,500	12,950	12,484
11	5	99 103	62 697,382	1 411 297,575	22,510	22,044	61	55	85 287	6 733,527	85 035,375	12,629	12,163
12	6	99 084	60 130,134	1 348 600,193	22,428	21,963	62	56	84 036	6 364,273	78 301,847	12,303	11,838
13	7	99 065	57 667,344	1 288 470,059	22,343	21,878	63	57	82 715	6 008,878	71 937,574	11,972	11,507
14	8	99 045	55 305,516	1 230 802,715	22,255	21,789	64	58	81 343	5 668,292	65 928,696	11,631	11,166
15	9	99 023	53 038,986	1 175 497,199	22,163	21,698	65	59	79 843	5 336,915	60 260,404	11,291	10,826
16	10	98 999	50 864,158	1 122 458,214	22,068	21,603	66	60	78 269	5 018,442	54 923,489	10,944	10,479
17	11	98 966	48 774,427	1 071 594,055	21,970	21,505	67	61	76 559	4 708,712	49 905,048	10,598	10,133
18	12	98 924	46 766,431	1 022 819,628	21,871	21,406	68	62	74 758	4 410,498	45 196,336	10,247	9,782
19	13	98 869	44 834,677	976 053,198	21,770	21,305	69	63	72 864	4 123,507	40 785,838	9,891	9,426
20	14	98 812	42 982,017	931 218,520	21,665	21,200	70	64	70 858	3 846,473	36 662,330	9,531	9,066
21	15	98 748	41 203,110	888 236,503	21,558	21,092	71	65	68 736	3 579,156	32 815,857	9,169	8,703
22	16	98 682	39 497,039	847 033,393	21,445	20,980	72	66	66 499	3 321,515	29 236,701	8,802	8,337
23	17	98 614	37 860,889	807 536,355	21,329	20,864	73	67	64 143	3 073,219	25 915,186	8,433	7,967
24	18	98 547	36 292,588	769 675,466	21,208	20,742	74	68	61 660	2 833,819	22 841,968	8,060	7,595
25	19	98 469	34 785,607	733 382,877	21,083	20,618	75	69	58 993	2 600,727	20 008,149	7,693	7,228
26	20	98 395	33 342,269	698 597,270	20,952	20,487	76	70	56 181	2 375,801	17 407,422	7,327	6,862
27	21	98 316	31 957,313	665 255,001	20,817	20,352	77	71	53 218	2 158,756	15 031,620	6,963	6,498
28	22	98 233	30 628,682	633 297,688	20,677	20,211	78	72	50 077	1 948,531	12 872,865	6,606	6,141
29	23	98 152	29 355,789	602 669,006	20,530	20,065	79	73	46 745	1 744,738	10 924,333	6,261	5,796
30	24	98 065	28 134,081	573 313,217	20,378	19,913	80	74	43 279	1 549,498	9 179,595	5,924	5,459
31	25	97 983	26 964,407	545 179,136	20,218	19,753	81	75	39 711	1 363,781	7 630,098	5,595	5,130
32	26	97 891	25 840,992	518 214,729	20,054	19,589	82	76	36 027	1 186,852	6 266,317	5,280	4,815
33	27	97 796	24 763,439	492 373,737	19,883	19,418	83	77	32 322	1 021,372	5 079,464	4,973	4,508
34	28	97 695	23 729,390	467 610,298	19,706	19,241	84	78	28 663	868,837	4 058,093	4,671	4,206
35	29	97 593	22 738,199	443 880,908	19,521	19,056	85	79	25 020	727,480	3 189,256	4,384	3,919
36	30	97 483	21 786,648	421 142,709	19,330	18,865	86	80	21 492	599,432	2 461,776	4,107	3,642
37	31	97 370	20 874,145	399 356,062	19,132	18,666	87	81	18 104	484,359	1 862,344	3,845	3,380
38	32	97 248	19 998,119	378 481,917	18,926	18,461	88	82	14 911	382,655	1 377,984	3,601	3,136
39	33	97 106	19 154,971	358 483,798	18,715	18,250	89	83	11 999	295,378	995,329	3,370	2,904
40	34	96 959	18 346,269	339 328,827	18,496	18,031	90	84	9 365	221,147	699,951	3,165	2,700
41	35	96 794	17 568,297	320 982,558	18,271	17,805	91	85	7 159	162,157	478,804	2,953	2,488
42	36	96 623	16 822,311	303 414,261	18,036	17,571	92	86	5 254	114,165	316,647	2,774	2,308
43	37	96 429	16 104,173	286 591,950	17,796	17,331	93	87	3 730	77,732	202,482	2,605	2,140
44	38	96 206	15 411,872	270 487,777	17,551	17,085	94	88	2 545	50,886	124,750	2,452	1,986
45	39	95 961	14 745,946	255 075,905	17,298	16,833	95	89	1 668	31,980	73,864	2,310	1,844
46	40	95 685	14 104,125	240 329,959	17,040	16,574	96	90	1 041	19,147	41,884	2,187	1,722
47	41	95 381	13 486,141	226 225,833	16,775	16,309	97	91	622	10,979	22,737	2,071	1,606
48	42	95 030	12 888,665	212 739,692	16,506	16,041	98	92	352	5,950	11,758	1,976	1,511
49	43	94 641	12 312,606	199 851,027	16,231	15,766	99	93	190	3,084	5,808	1,883	1,418
							100	94	97	1,514	2,724	1,799	1,334

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7	0	99 513	74 361,738	1 691 518,715	22,747	22,282
8	1	99 192	71 099,464	1 617 156,977	22,745	22,280
9	2	99 157	68 177,243	1 546 057,513	22,677	22,212
10	3	99 135	65 382,959	1 477 880,270	22,603	22,138
11	4	99 115	62 704,855	1 412 497,311	22,526	22,061
12	5	99 094	60 136,212	1 349 792,456	22,446	21,980
13	6	99 073	57 672,367	1 289 656,244	22,362	21,897
14	7	99 054	55 310,263	1 231 983,877	22,274	21,809
15	8	99 030	53 042,892	1 176 673,614	22,183	21,718
16	9	99 005	50 867,667	1 123 630,722	22,089	21,624
17	10	98 973	48 777,889	1 072 763,054	21,993	21,528
18	11	98 932	46 770,171	1 023 985,165	21,894	21,429
19	12	98 877	44 838,287	977 214,995	21,794	21,329
20	13	98 820	42 985,868	932 376,708	21,690	21,225
21	14	98 758	41 207,576	889 390,840	21,583	21,118
22	15	98 694	39 502,008	848 183,264	21,472	21,007
23	16	98 630	37 866,716	808 681,256	21,356	20,891
24	17	98 563	36 298,413	770 814,541	21,235	20,770
25	18	98 492	34 793,554	734 516,128	21,111	20,645
26	19	98 415	33 349,157	699 722,573	20,982	20,516
27	20	98 338	31 964,409	666 373,416	20,847	20,382
28	21	98 254	30 635,094	634 409,008	20,709	20,243
29	22	98 174	29 362,376	603 773,914	20,563	20,098
30	23	98 088	28 140,513	574 411,538	20,412	19,947
31	24	98 002	26 969,859	546 271,025	20,255	19,790
32	25	97 913	25 846,678	519 301,166	20,092	19,626
33	26	97 819	24 769,301	493 454,488	19,922	19,457
34	27	97 721	23 735,766	468 685,187	19,746	19,281
35	28	97 618	22 743,950	444 949,421	19,563	19,098
36	29	97 511	21 792,901	422 205,471	19,374	18,908
37	30	97 397	20 880,055	400 412,570	19,177	18,712
38	31	97 277	20 004,161	379 532,516	18,973	18,507
39	32	97 141	19 161,763	359 528,354	18,763	18,298
40	33	96 995	18 352,979	340 366,592	18,546	18,080
41	34	96 835	17 575,763	322 013,612	18,321	17,856
42	35	96 661	16 829,005	304 437,849	18,090	17,625
43	36	96 475	16 111,830	287 608,845	17,851	17,386
44	37	96 257	15 420,102	271 497,015	17,607	17,141
45	38	96 015	14 754,160	256 076,913	17,356	16,891
46	39	95 749	14 113,462	241 322,753	17,099	16,634
47	40	95 449	13 495,672	227 209,291	16,836	16,370
48	41	95 106	12 899,003	213 713,619	16,568	16,103
49	42	94 725	12 323,576	200 814,616	16,295	15,830
50	43	94 301	11 768,326	188 491,040	16,017	15,552
51	44	93 828	11 231,887	176 722,714	15,734	15,269
52	45	93 279	10 710,976	165 490,827	15,451	14,985
53	46	92 694	10 209,909	154 779,851	15,160	14,695
54	47	92 053	9 725,895	144 569,941	14,864	14,399
55	48	91 333	9 256,460	134 844,046	14,568	14,102
56	49	90 555	8 803,425	125 587,587	14,266	13,801
57	50	89 710	8 365,729	116 784,161	13,960	13,495
58	51	88 792	7 942,585	108 418,432	13,650	13,185
59	52	87 796	7 533,307	100 475,847	13,338	12,872
60	53	86 719	7 137,585	92 942,540	13,022	12,556
61	54	85 560	6 755,084	85 804,956	12,702	12,237
62	55	84 335	6 386,903	79 049,871	12,377	11,912
63	56	83 028	6 031,631	72 662,968	12,047	11,582
64	57	81 669	5 691,036	66 631,337	11,708	11,243
65	58	80 196	5 360,567	60 940,301	11,368	10,903
66	59	78 640	5 042,251	55 579,734	11,023	10,558
67	60	76 974	4 734,226	50 537,483	10,675	10,210
68	61	75 190	4 435,990	45 803,256	10,325	9,860
69	62	73 327	4 149,682	41 367,266	9,969	9,504
70	63	71 338	3 872,566	37 217,584	9,611	9,145
71	64	69 244	3 605,656	33 345,018	9,248	8,783
72	65	67 022	3 347,659	29 739,362	8,884	8,418
73	66	64 696	3 099,734	26 391,703	8,514	8,049
74	67	62 228	2 859,937	23 291,968	8,144	7,679
75	68	59 571	2 626,230	20 432,032	7,780	7,315
76	69	56 784	2 401,307	17 805,802	7,415	6,950
77	70	53 843	2 184,102	15 404,495	7,053	6,588
78	71	50 730	1 973,950	13 220,394	6,697	6,232
79	72	47 432	1 770,369	11 246,444	6,353	5,887
80	73	43 994	1 575,111	9 476,075	6,016	5,551
81	74	40 463	1 389,639	7 900,964	5,686	5,220
82	75	36 818	1 212,878	6 511,325	5,368	4,903
83	76	33 133	1 047,016	5 298,447	5,061	4,595
84	77	29 481	893,611	4 251,430	4,758	4,292
85	78	25 849	751,582	3 357,820	4,468	4,002
86	79	22 302	622,015	2 606,238	4,190	3,725
87	80	18 894	505,471	1 984,223	3,925	3,460
88	81	15 656	401,776	1 478,752	3,681	3,215
89	82	12 699	312,618	1 076,976	3,445	2,980
90	83	9 992	235,944	764,359	3,240	2,774
91	84	7 717	174,797	528,415	3,023	2,558
92	85	5 729	124,465	353,618	2,841	2,376
93	86	4 118	85,818	229,153	2,670	2,205
94	87	2 854	57,066	143,335	2,512	2,047
95	88	1 900	36,436	86,269	2,368	1,902
96	89	1 212	22,304	49,834	2,234	1,769
97	90	736	12,990	27,530	2,119	1,654
98	91	427	7,235	14,540	2,010	1,544
99	92	234	3,804	7,305	1,921	1,455
100	93	123	1,910	3,502	1,833	1,368

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	42	94 385	11 778,810	189 364,254	16,077	15,611
1							51	43	93 924	11 243,399	177 585,444	15,795	15,329
2							52	44	93 384	10 723,020	166 342,044	15,513	15,047
3							53	45	92 812	10 222,884	155 619,024	15,223	14,757
4							54	46	92 183	9 739,619	145 396,140	14,928	14,463
5							55	47	91 483	9 271,620	135 656,520	14,631	14,166
6							56	48	90 715	8 819,021	126 384,901	14,331	13,866
7							57	49	89 895	8 382,979	117 565,880	14,024	13,559
8	0	99 505	71 324,327	1 618 516,076	22,692	22,227	58	50	88 988	7 960,121	109 182,901	13,716	13,251
9	1	99 183	68 195,244	1 547 191,748	22,688	22,222	59	51	88 011	7 551,785	101 222,780	13,404	12,939
10	2	99 149	65 392,699	1 478 996,504	22,617	22,152	60	52	86 958	7 157,234	93 670,996	13,088	12,622
11	3	99 126	62 711,862	1 413 603,806	22,541	22,076	61	53	85 818	6 775,455	86 513,762	12,769	12,303
12	4	99 106	60 143,380	1 350 891,944	22,461	21,996	62	54	84 605	6 407,351	79 738,307	12,445	11,980
13	5	99 083	57 678,197	1 290 748,564	22,378	21,913	63	55	83 324	6 053,078	73 330,956	12,115	11,649
14	6	99 062	55 315,080	1 233 070,367	22,292	21,827	64	56	81 979	5 712,585	67 277,878	11,777	11,312
15	7	99 039	53 047,445	1 177 755,287	22,202	21,737	65	57	80 518	5 382,077	61 565,293	11,439	10,974
16	8	99 013	50 871,414	1 124 707,842	22,109	21,644	66	58	78 989	5 064,598	56 183,216	11,093	10,628
17	9	98 980	48 781,254	1 073 836,428	22,013	21,548	67	59	77 339	4 756,688	51 118,618	10,747	10,281
18	10	98 939	46 773,490	1 025 055,174	21,915	21,450	68	60	75 598	4 460,027	46 361,931	10,395	9,930
19	11	98 885	44 841,873	978 281,684	21,816	21,351	69	61	73 751	4 173,667	41 901,904	10,040	9,574
20	12	98 828	42 989,328	933 439,811	21,713	21,248	70	62	71 791	3 897,148	37 728,237	9,681	9,216
21	13	98 767	41 211,268	890 450,483	21,607	21,142	71	63	69 714	3 630,115	33 831,089	9,320	8,854
22	14	98 705	39 506,290	849 239,215	21,496	21,031	72	64	67 518	3 372,445	30 200,974	8,955	8,490
23	15	98 642	37 871,479	809 732,925	21,381	20,916	73	65	65 205	3 124,134	26 828,529	8,588	8,122
24	16	98 578	36 303,999	771 861,446	21,261	20,796	74	66	62 765	2 884,612	23 704,395	8,218	7,752
25	17	98 508	34 799,139	735 557,447	21,137	20,672	75	67	60 120	2 650,434	20 819,783	7,855	7,390
26	18	98 438	33 356,776	700 758,308	21,008	20,543	76	68	57 341	2 424,854	18 169,349	7,493	7,028
27	19	98 358	31 971,012	667 401,532	20,875	20,410	77	69	54 421	2 207,549	15 744,495	7,132	6,667
28	20	98 276	30 641,896	635 430,520	20,737	20,272	78	70	51 326	1 997,126	13 536,946	6,778	6,313
29	21	98 195	29 368,523	604 788,624	20,593	20,128	79	71	48 051	1 793,464	11 539,820	6,434	5,969
30	22	98 110	28 146,827	575 420,101	20,444	19,978	80	72	44 641	1 598,250	9 746,356	6,098	5,633
31	23	98 025	26 976,025	547 273,274	20,287	19,822	81	73	41 132	1 412,610	8 148,106	5,768	5,303
32	24	97 932	25 851,903	520 297,249	20,126	19,661	82	74	37 516	1 235,875	6 735,497	5,450	4,985
33	25	97 841	24 774,751	494 445,345	19,958	19,492	83	75	33 860	1 069,976	5 499,622	5,140	4,675
34	26	97 744	23 741,385	469 670,595	19,783	19,318	84	76	30 221	916,047	4 429,646	4,836	4,370
35	27	97 644	22 750,062	445 929,210	19,601	19,136	85	77	26 586	773,013	3 513,599	4,545	4,080
36	28	97 536	21 798,413	423 179,148	19,413	18,948	86	78	23 041	642,623	2 740,586	4,265	3,799
37	29	97 425	20 886,047	401 380,735	19,218	18,752	87	79	19 605	524,514	2 097,964	4,000	3,535
38	30	97 305	20 009,824	380 494,688	19,015	18,550	88	80	16 338	419,288	1 573,450	3,753	3,287
39	31	97 170	19 167,552	360 484,863	18,807	18,342	89	81	13 334	328,239	1 154,162	3,516	3,051
40	32	97 029	18 359,487	341 317,311	18,591	18,126	90	82	10 575	249,714	825,924	3,307	2,842
41	33	96 871	17 582,192	322 957,824	18,368	17,903	91	83	8 233	186,493	576,210	3,090	2,625
42	34	96 702	16 836,156	305 375,632	18,138	17,673	92	84	6 175	134,167	389,717	2,905	2,439
43	35	96 514	16 118,241	288 539,476	17,901	17,436	93	85	4 489	93,560	255,550	2,731	2,266
44	36	96 303	15 427,433	272 421,235	17,658	17,193	94	86	3 151	63,002	161,990	2,571	2,106
45	37	96 066	14 762,038	256 993,802	17,409	16,944	95	87	2 131	40,861	98,988	2,423	1,957
46	38	95 802	14 121,324	242 231,764	17,154	16,688	96	88	1 381	25,411	58,127	2,287	1,822
47	39	95 512	13 504,606	228 110,440	16,891	16,426	97	89	858	15,131	32,716	2,162	1,697
48	40	95 173	12 908,119	214 605,834	16,626	16,160	98	90	506	8,560	17,585	2,054	1,589
49	41	94 801	12 333,461	201 697,715	16,354	15,888	99	91	285	4,626	9,025	1,951	1,486
							100	92	151	2,356	4,399	1,867	1,402

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9	0	99 497	68 410,922	1 548 447,977	22,635	22,169
10	1	99 176	65 409,965	1 480 037,054	22,627	22,162
11	2	99 140	62 721,204	1 414 627,090	22,554	22,089
12	3	99 117	60 150,101	1 351 905,886	22,476	22,010
13	4	99 095	57 685,072	1 291 755,785	22,393	21,928
14	5	99 072	55 320,672	1 234 070,714	22,308	21,842
15	6	99 047	53 052,065	1 178 750,042	22,219	21,754
16	7	99 021	50 875,780	1 125 697,977	22,126	21,661
17	8	98 987	48 784,847	1 074 822,196	22,032	21,567
18	9	98 946	46 776,717	1 026 037,350	21,935	21,470
19	10	98 892	44 845,055	979 260,632	21,837	21,371
20	11	98 836	42 992,766	934 415,577	21,734	21,269
21	12	98 775	41 214,585	891 422,811	21,629	21,164
22	13	98 714	39 509,829	850 208,225	21,519	21,054
23	14	98 653	37 875,585	810 698,396	21,404	20,939
24	15	98 590	36 308,567	772 822,812	21,285	20,820
25	16	98 523	34 804,494	736 514,245	21,161	20,696
26	17	98 454	33 362,130	701 709,751	21,033	20,568
27	18	98 381	31 978,316	668 347,621	20,900	20,435
28	19	98 296	30 648,226	636 369,305	20,764	20,298
29	20	98 216	29 375,043	605 721,079	20,620	20,155
30	21	98 130	28 152,719	576 346,036	20,472	20,007
31	22	98 047	26 982,078	548 193,316	20,317	19,852
32	23	97 955	25 857,814	521 211,238	20,157	19,692
33	24	97 860	24 779,760	495 353,424	19,990	19,525
34	25	97 766	23 746,609	470 573,664	19,816	19,351
35	26	97 667	22 755,447	446 827,056	19,636	19,171
36	27	97 562	21 804,270	424 071,608	19,449	18,984
37	28	97 450	20 891,330	402 267,338	19,255	18,790
38	29	97 333	20 015,567	381 376,008	19,054	18,589
39	30	97 198	19 172,979	361 360,440	18,847	18,382
40	31	97 059	18 365,034	342 187,462	18,633	18,167
41	32	96 905	17 588,426	323 822,428	18,411	17,946
42	33	96 738	16 842,314	306 234,002	18,182	17,717
43	34	96 555	16 125,091	289 391,687	17,947	17,481
44	35	96 341	15 433,572	273 266,597	17,706	17,241
45	36	96 112	14 769,057	257 833,025	17,458	16,992
46	37	95 853	14 128,864	243 063,968	17,203	16,738
47	38	95 565	13 512,129	228 935,104	16,943	16,478
48	39	95 236	12 916,664	215 422,976	16,678	16,213
49	40	94 868	12 342,177	202 506,311	16,408	15,942
50	41	94 461	11 788,259	190 164,134	16,132	15,666
51	42	94 008	11 253,416	178 375,876	15,851	15,386
52	43	93 480	10 734,011	167 122,460	15,569	15,104
53	44	92 917	10 234,379	156 388,449	15,281	14,815
54	45	92 300	9 751,997	146 154,070	14,987	14,522
55	46	91 612	9 284,703	136 402,073	14,691	14,226
56	47	90 864	8 833,465	127 117,370	14,390	13,925
57	48	90 054	8 397,830	118 283,905	14,085	13,620
58	49	89 171	7 976,534	109 886,075	13,776	13,311
59	50	88 205	7 568,458	101 909,542	13,465	13,000
60	51	87 171	7 174,789	94 341,084	13,149	12,684
61	52	86 054	6 794,107	87 166,295	12,830	12,364
62	53	84 860	6 426,673	80 372,187	12,506	12,041
63	54	83 590	6 072,456	73 945,515	12,177	11,712
64	55	82 270	5 732,898	67 873,058	11,839	11,374
65	56	80 823	5 402,456	62 140,160	11,502	11,037
66	57	79 306	5 084,920	56 737,704	11,158	10,693
67	58	77 682	4 777,769	51 652,784	10,811	10,346
68	59	75 957	4 481,187	46 875,015	10,460	9,995
69	60	74 150	4 196,282	42 393,828	10,103	9,637
70	61	72 206	3 919,673	38 197,546	9,745	9,280
71	62	70 157	3 653,158	34 277,873	9,383	8,918
72	63	67 976	3 395,322	30 624,715	9,020	8,554
73	64	65 688	3 147,264	27 229,393	8,652	8,187
74	65	63 259	2 907,318	24 082,129	8,283	7,818
75	66	60 639	2 673,302	21 174,811	7,921	7,456
76	67	57 870	2 447,202	18 501,509	7,560	7,095
77	68	54 955	2 229,196	16 054,306	7,202	6,737
78	69	51 877	2 018,566	13 825,110	6,849	6,384
79	70	48 615	1 814,521	11 806,544	6,507	6,041
80	71	45 223	1 619,099	9 992,023	6,171	5,706
81	72	41 737	1 433,361	8 372,924	5,841	5,376
82	73	38 136	1 256,304	6 939,563	5,524	5,059
83	74	34 502	1 090,263	5 683,259	5,213	4,748
84	75	30 884	936,135	4 592,996	4,906	4,441
85	76	27 253	792,421	3 656,861	4,615	4,150
86	77	23 698	660,946	2 864,440	4,334	3,869
87	78	20 255	541,891	2 203,493	4,066	3,601
88	79	16 954	435,084	1 661,602	3,819	3,354
89	80	13 915	342,545	1 226,518	3,581	3,115
90	81	11 104	262,192	883,973	3,371	2,906
91	82	8 714	197,377	621,781	3,150	2,685
92	83	6 588	143,144	424,405	2,965	2,500
93	84	4 839	100,854	281,261	2,789	2,324
94	85	3 436	68,686	180,407	2,627	2,161
95	86	2 352	45,111	111,721	2,477	2,011
96	87	1 549	28,497	66,610	2,337	1,872
97	88	977	17,239	38,112	2,211	1,746
98	89	589	9,971	20,874	2,093	1,628
99	90	337	5,473	10,902	1,992	1,527
100	91	184	2,865	5,430	1,895	1,430

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	40	94 528	11 796,590	190 896,256	16,182	15,717
1							51	41	94 083	11 262,443	179 099,667	15,902	15,437
2							52	42	93 563	10 743,574	167 837,224	15,622	15,157
3							53	43	93 012	10 244,869	157 093,650	15,334	14,869
4							54	44	92 404	9 762,962	146 848,781	15,041	14,576
5							55	45	91 728	9 296,502	137 085,819	14,746	14,281
6							56	46	90 992	8 845,930	127 789,316	14,446	13,981
7							57	47	90 201	8 411,584	118 943,386	14,140	13,675
8							58	48	89 329	7 990,665	110 531,803	13,833	13,367
9							59	49	88 387	7 584,063	102 541,138	13,521	13,055
10	0	99 489	65 616,834	1 481 198,331	22,573	22,108	60	50	87 364	7 190,630	94 957,075	13,206	12,740
11	1	99 167	62 737,764	1 415 581,497	22,563	22,098	61	51	86 265	6 810,772	87 766,445	12,886	12,421
12	2	99 132	60 159,061	1 352 843,733	22,488	22,023	62	52	85 093	6 444,365	80 955,673	12,562	12,097
13	3	99 106	57 691,518	1 292 684,672	22,407	21,942	63	53	83 842	6 090,768	74 511,308	12,233	11,768
14	4	99 084	55 327,266	1 234 993,155	22,322	21,856	64	54	82 534	5 751,251	68 420,540	11,897	11,431
15	5	99 057	53 057,428	1 179 665,889	22,234	21,769	65	55	81 110	5 421,666	62 669,288	11,559	11,094
16	6	99 030	50 880,211	1 126 608,461	22,142	21,677	66	56	79 606	5 104,174	57 247,622	11,216	10,751
17	7	98 995	48 789,034	1 075 728,249	22,049	21,583	67	57	77 994	4 796,940	52 143,448	10,870	10,405
18	8	98 953	46 780,162	1 026 939,215	21,952	21,487	68	58	76 293	4 501,047	47 346,508	10,519	10,054
19	9	98 899	44 848,149	980 159,053	21,855	21,390	69	59	74 502	4 216,191	42 845,461	10,162	9,697
20	10	98 843	42 995,818	935 310,904	21,754	21,288	70	60	72 597	3 940,912	38 629,270	9,802	9,337
21	11	98 783	41 217,881	892 315,086	21,649	21,184	71	61	70 562	3 674,273	34 688,358	9,441	8,976
22	12	98 722	39 513,010	851 097,205	21,540	21,074	72	62	68 408	3 416,874	31 014,085	9,077	8,612
23	13	98 661	37 878,978	811 584,195	21,426	20,960	73	63	66 134	3 168,614	27 597,211	8,710	8,244
24	14	98 601	36 312,502	773 705,217	21,307	20,842	74	64	63 727	2 928,843	24 428,597	8,341	7,875
25	15	98 535	34 808,873	737 392,715	21,184	20,719	75	65	61 116	2 694,345	21 499,754	7,980	7,514
26	16	98 469	33 367,264	702 583,842	21,056	20,591	76	66	58 369	2 468,317	18 805,409	7,619	7,153
27	17	98 396	31 983,449	669 216,578	20,924	20,459	77	67	55 461	2 249,741	16 337,092	7,262	6,797
28	18	98 318	30 655,228	637 233,129	20,787	20,322	78	68	52 386	2 038,360	14 087,351	6,911	6,446
29	19	98 237	29 381,112	606 577,901	20,645	20,180	79	69	49 137	1 834,001	12 048,990	6,570	6,105
30	20	98 152	28 158,970	577 196,789	20,498	20,033	80	70	45 754	1 638,109	10 214,990	6,236	5,771
31	21	98 067	26 987,726	549 037,819	20,344	19,879	81	71	42 281	1 452,060	8 576,881	5,907	5,441
32	22	97 977	25 863,616	522 050,093	20,185	19,720	82	72	38 696	1 274,759	7 124,821	5,589	5,124
33	23	97 883	24 785,425	496 186,477	20,019	19,554	83	73	35 072	1 108,285	5 850,062	5,278	4,813
34	24	97 786	23 751,410	471 401,051	19,847	19,382	84	74	31 469	953,884	4 741,777	4,971	4,506
35	25	97 688	22 760,454	447 649,642	19,668	19,203	85	75	27 851	809,798	3 787,892	4,678	4,212
36	26	97 585	21 809,432	424 889,188	19,482	19,017	86	76	24 293	677,541	2 978,094	4,395	3,930
37	27	97 476	20 896,944	403 079,756	19,289	18,824	87	77	20 832	557,343	2 300,553	4,128	3,662
38	28	97 357	20 020,630	382 182,812	19,089	18,624	88	78	17 515	449,498	1 743,210	3,878	3,413
39	29	97 226	19 178,481	362 162,182	18,884	18,419	89	79	14 439	355,450	1 293,712	3,640	3,174
40	30	97 086	18 370,233	342 983,700	18,671	18,205	90	80	11 588	273,620	938,262	3,429	2,964
41	31	96 934	17 593,740	324 613,467	18,451	17,985	91	81	9 149	207,239	664,642	3,207	2,742
42	32	96 772	16 848,287	307 019,727	18,223	17,757	92	82	6 973	151,498	457,403	3,019	2,554
43	33	96 590	16 130,989	290 171,441	17,988	17,523	93	83	5 163	107,602	305,904	2,843	2,378
44	34	96 382	15 440,131	274 040,452	17,749	17,283	94	84	3 704	74,041	198,303	2,678	2,213
45	35	96 150	14 774,933	258 600,321	17,503	17,037	95	85	2 565	49,181	124,262	2,527	2,061
46	36	95 899	14 135,581	243 825,388	17,249	16,784	96	86	1 710	31,462	75,081	2,386	1,921
47	37	95 616	13 519,344	229 689,807	16,990	16,524	97	87	1 096	19,332	43,620	2,256	1,791
48	38	95 289	12 923,859	216 170,463	16,726	16,261	98	88	671	11,361	24,287	2,138	1,673
49	39	94 931	12 350,347	203 246,604	16,457	15,992	99	89	393	6,375	12,927	2,028	1,563
							100	90	218	3,390	6,552	1,933	1,468

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	39	94 590	11 804,399	191 566,373	16,228	15,763
1							51	40	94 150	11 270,402	179 761,975	15,950	15,485
2							52	41	93 638	10 752,192	168 491,572	15,670	15,205
3							53	42	93 095	10 253,996	157 739,381	15,383	14,918
4							54	43	92 498	9 772,969	147 485,385	15,091	14,626
5							55	44	91 831	9 306,956	137 712,415	14,797	14,332
6							56	45	91 108	8 857,171	128 405,460	14,497	14,032
7							57	46	90 329	8 423,453	119 548,288	14,192	13,727
8							58	47	89 476	8 003,752	111 124,835	13,884	13,419
9							59	48	88 544	7 597,499	103 121,084	13,573	13,108
10							60	49	87 544	7 205,456	95 523,585	13,257	12,792
11	0	99 480	62 936,182	1 416 655,224	22,509	22,044	61	50	86 456	6 825,809	88 318,128	12,939	12,474
12	1	99 158	60 174,945	1 353 719,042	22,496	22,031	62	51	85 302	6 460,171	81 492,319	12,615	12,149
13	2	99 121	57 700,112	1 293 544,097	22,418	21,953	63	52	84 073	6 107,536	75 032,148	12,285	11,820
14	3	99 095	55 333,448	1 235 843,985	22,334	21,869	64	53	82 782	5 768,595	68 924,612	11,948	11,483
15	4	99 069	53 063,752	1 180 510,537	22,247	21,782	65	54	81 370	5 439,023	63 156,017	11,612	11,146
16	5	99 040	50 885,355	1 127 446,785	22,157	21,691	66	55	79 889	5 122,323	57 716,993	11,268	10,803
17	6	99 004	48 793,284	1 076 561,430	22,064	21,599	67	56	78 289	4 815,103	52 594,670	10,923	10,458
18	7	98 962	46 784,178	1 027 768,147	21,968	21,503	68	57	76 599	4 519,108	47 779,567	10,573	10,108
19	8	98 906	44 851,452	980 983,969	21,872	21,407	69	58	74 832	4 234,877	43 260,459	10,215	9,750
20	9	98 850	42 998,784	936 132,517	21,771	21,306	70	59	72 942	3 959,610	39 025,582	9,856	9,391
21	10	98 790	41 220,807	893 133,733	21,667	21,202	71	60	70 945	3 694,182	35 065,972	9,492	9,027
22	11	98 730	39 516,170	851 912,926	21,559	21,093	72	61	68 803	3 436,624	31 371,791	9,129	8,663
23	12	98 669	37 882,027	812 396,756	21,445	20,980	73	62	66 553	3 188,727	27 935,167	8,761	8,295
24	13	98 610	36 315,755	774 514,729	21,327	20,862	74	63	64 160	2 948,711	24 746,440	8,392	7,927
25	14	98 546	34 812,646	738 198,974	21,205	20,740	75	64	61 569	2 714,293	21 797,728	8,031	7,566
26	15	98 481	33 371,462	703 386,328	21,077	20,612	76	65	58 828	2 487,746	19 083,435	7,671	7,206
27	16	98 411	31 988,371	670 014,866	20,946	20,480	77	66	55 940	2 269,152	16 595,689	7,314	6,848
28	17	98 334	30 660,148	638 026,495	20,810	20,344	78	67	52 869	2 057,147	14 326,537	6,964	6,499
29	18	98 259	29 387,824	607 366,347	20,667	20,202	79	68	49 619	1 851,984	12 269,390	6,625	6,160
30	19	98 172	28 164,788	577 978,522	20,521	20,056	80	69	46 245	1 655,695	10 417,406	6,292	5,827
31	20	98 089	26 993,719	549 813,735	20,368	19,903	81	70	42 777	1 469,108	8 761,711	5,964	5,499
32	21	97 997	25 869,030	522 820,016	20,210	19,745	82	71	39 201	1 291,389	7 292,602	5,647	5,182
33	22	97 905	24 790,987	496 950,986	20,046	19,580	83	72	35 588	1 124,566	6 001,213	5,336	4,871
34	23	97 808	23 756,840	472 160,000	19,875	19,409	84	73	31 989	969,652	4 876,647	5,029	4,564
35	24	97 708	22 765,056	448 403,159	19,697	19,232	85	74	28 379	825,152	3 906,995	4,735	4,270
36	25	97 606	21 814,231	425 638,104	19,512	19,047	86	75	24 825	692,399	3 081,843	4,451	3,986
37	26	97 499	20 901,891	403 823,873	19,320	18,855	87	76	21 355	571,336	2 389,444	4,182	3,717
38	27	97 383	20 026,010	382 921,982	19,121	18,656	88	77	18 015	462,315	1 818,108	3,933	3,467
39	28	97 250	19 183,332	362 895,972	18,917	18,452	89	78	14 918	367,226	1 355,793	3,692	3,227
40	29	97 114	18 375,505	343 712,640	18,705	18,240	90	79	12 024	283,928	988,566	3,482	3,017
41	30	96 962	17 598,721	325 337,135	18,486	18,021	91	80	9 548	216,272	704,638	3,258	2,793
42	31	96 801	16 853,377	307 738,413	18,260	17,795	92	81	7 321	159,068	488,366	3,070	2,605
43	32	96 624	16 136,709	290 885,037	18,026	17,561	93	82	5 464	113,881	329,298	2,892	2,426
44	33	96 418	15 445,778	274 748,328	17,788	17,323	94	83	3 951	78,994	215,416	2,727	2,262
45	34	96 191	14 781,212	259 302,550	17,543	17,077	95	84	2 765	53,015	136,422	2,573	2,108
46	35	95 937	14 141,206	244 521,338	17,291	16,826	96	85	1 865	34,300	83,407	2,432	1,966
47	36	95 661	13 525,771	230 380,132	17,033	16,567	97	86	1 210	21,344	49,107	2,301	1,836
48	37	95 340	12 930,760	216 854,361	16,770	16,305	98	87	753	12,740	27,764	2,179	1,714
49	38	94 983	12 357,227	203 923,600	16,502	16,037	99	88	447	7,263	15,023	2,068	1,603
							100	89	254	3,948	7,760	1,965	1,500

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä_{xy}^{(12)}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12	0	99 472	60 365,258	1 354 712,103	22,442	21,977
13	1	99 147	57 715,346	1 294 346,845	22,426	21,961
14	2	99 110	55 341,691	1 236 631,498	22,345	21,880
15	3	99 080	53 069,682	1 181 289,807	22,259	21,794
16	4	99 052	50 891,420	1 128 220,126	22,169	21,704
17	5	99 014	48 798,216	1 077 328,706	22,077	21,612
18	6	98 971	46 788,252	1 028 530,490	21,983	21,517
19	7	98 914	44 855,302	981 742,238	21,887	21,422
20	8	98 857	43 001,951	936 886,936	21,787	21,322
21	9	98 797	41 223,651	893 884,985	21,684	21,219
22	10	98 737	39 518,974	852 661,334	21,576	21,111
23	11	98 677	37 885,057	813 142,360	21,463	20,998
24	12	98 618	36 318,679	775 257,303	21,346	20,881
25	13	98 555	34 815,963	738 938,624	21,224	20,759
26	14	98 492	33 375,079	704 122,859	21,097	20,632
27	15	98 424	31 992,395	670 747,780	20,966	20,501
28	16	98 349	30 664,867	638 755,385	20,830	20,365
29	17	98 275	29 392,541	608 090,518	20,689	20,223
30	18	98 195	28 171,222	578 697,977	20,542	20,077
31	19	98 109	26 999,295	550 526,755	20,390	19,925
32	20	98 019	25 874,774	523 527,460	20,233	19,768
33	21	97 925	24 796,176	497 652,686	20,070	19,605
34	22	97 830	23 762,171	472 856,510	19,900	19,434
35	23	97 731	22 770,261	449 094,339	19,723	19,258
36	24	97 626	21 818,641	426 324,078	19,539	19,074
37	25	97 520	20 906,490	404 505,437	19,348	18,883
38	26	97 406	20 030,751	383 598,947	19,151	18,685
39	27	97 276	19 188,487	363 568,197	18,947	18,482
40	28	97 139	18 380,153	344 379,710	18,736	18,271
41	29	96 989	17 603,772	325 999,556	18,519	18,054
42	30	96 829	16 858,148	308 395,784	18,294	17,828
43	31	96 653	16 141,584	291 537,636	18,061	17,596
44	32	96 452	15 451,255	275 396,053	17,824	17,358
45	33	96 226	14 786,619	259 944,797	17,580	17,115
46	34	95 978	14 147,215	245 158,179	17,329	16,864
47	35	95 700	13 531,153	231 010,963	17,073	16,607
48	36	95 385	12 936,908	217 479,810	16,811	16,346
49	37	95 034	12 363,825	204 542,902	16,544	16,078
50	38	94 643	11 810,974	192 179,077	16,271	15,806
51	39	94 212	11 277,863	180 368,102	15,993	15,528
52	40	93 704	10 759,790	169 090,239	15,715	15,250
53	41	93 169	10 262,221	158 330,449	15,428	14,963
54	42	92 581	9 781,676	148 068,228	15,137	14,672
55	43	91 926	9 316,495	138 286,552	14,843	14,378
56	44	91 210	8 867,131	128 970,057	14,545	14,080
57	45	90 443	8 434,158	120 102,926	14,240	13,775
58	46	89 602	8 015,046	111 668,768	13,932	13,467
59	47	88 689	7 609,942	103 653,722	13,621	13,156
60	48	87 699	7 218,221	96 043,780	13,306	12,841
61	49	86 634	6 839,883	88 825,559	12,986	12,521
62	50	85 490	6 474,435	81 985,676	12,663	12,198
63	51	84 280	6 122,516	75 511,241	12,333	11,868
64	52	83 010	5 784,475	69 388,725	11,996	11,530
65	53	81 616	5 455,425	63 604,249	11,659	11,194
66	54	80 145	5 138,722	58 148,824	11,316	10,851
67	55	78 568	4 832,225	53 010,102	10,970	10,505
68	56	76 889	4 536,220	48 177,877	10,621	10,155
69	57	75 133	4 251,870	43 641,658	10,264	9,799
70	58	73 265	3 977,158	39 389,788	9,904	9,439
71	59	71 281	3 711,709	35 412,630	9,541	9,076
72	60	69 176	3 455,245	31 700,921	9,175	8,710
73	61	66 938	3 207,158	28 245,676	8,807	8,342
74	62	64 567	2 967,429	25 038,518	8,438	7,973
75	63	61 987	2 732,706	22 071,089	8,077	7,611
76	64	59 264	2 506,165	19 338,383	7,716	7,251
77	65	56 380	2 287,013	16 832,219	7,360	6,895
78	66	53 325	2 074,896	14 545,205	7,010	6,545
79	67	50 076	1 869,053	12 470,309	6,672	6,207
80	68	46 699	1 671,931	10 601,256	6,341	5,876
81	69	43 237	1 484,880	8 929,326	6,013	5,548
82	70	39 661	1 306,551	7 444,445	5,698	5,233
83	71	36 052	1 139,236	6 137,894	5,388	4,923
84	72	32 459	983,897	4 998,658	5,080	4,615
85	73	28 848	838,792	4 014,762	4,786	4,321
86	74	25 296	705,527	3 175,970	4,502	4,036
87	75	21 824	583,865	2 470,443	4,231	3,766
88	76	18 467	473,923	1 886,578	3,981	3,516
89	77	15 343	377,698	1 412,655	3,740	3,275
90	78	12 423	293,335	1 034,957	3,528	3,063
91	79	9 908	224,420	741,623	3,305	2,839
92	80	7 640	166,001	517,203	3,116	2,650
93	81	5 737	119,572	351,201	2,937	2,472
94	82	4 182	83,605	231,629	2,771	2,305
95	83	2 950	56,562	148,025	2,617	2,152
96	84	2 010	36,974	91,463	2,474	2,008
97	85	1 319	23,269	54,489	2,342	1,876
98	86	831	14,066	31,220	2,220	1,754
99	87	502	8,145	17,154	2,106	1,641
100	88	289	4,499	9,009	2,003	1,537

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	37	94 694	11 817,281	192 739,514	16,310	15,845
1							51	38	94 264	11 284,145	180 922,233	16,033	15,568
2							52	39	93 766	10 766,913	169 638,088	15,755	15,290
3							53	40	93 235	10 269,474	158 871,175	15,470	15,005
4							54	41	92 655	9 789,522	148 601,701	15,180	14,714
5							55	42	92 007	9 324,795	138 812,179	14,886	14,421
6							56	43	91 304	8 876,219	129 487,383	14,588	14,123
7							57	44	90 545	8 443,642	120 611,164	14,284	13,819
8							58	45	89 716	8 025,232	112 167,523	13,977	13,512
9							59	46	88 814	7 620,680	104 142,291	13,666	13,201
10							60	47	87 843	7 230,043	96 521,611	13,350	12,885
11							61	48	86 788	6 852,001	89 291,567	13,031	12,566
12							62	49	85 667	6 487,784	82 439,567	12,707	12,242
13	0	99 461	57 897,880	1 295 265,613	22,372	21,906	63	50	84 466	6 136,034	75 951,783	12,378	11,913
14	1	99 136	55 356,303	1 237 367,733	22,353	21,888	64	51	83 214	5 798,664	69 815,748	12,040	11,575
15	2	99 095	53 077,587	1 182 011,430	22,270	21,804	65	52	81 840	5 470,444	64 017,085	11,702	11,237
16	3	99 063	50 897,107	1 128 933,843	22,181	21,715	66	53	80 386	5 154,218	58 546,641	11,359	10,894
17	4	99 026	48 804,032	1 078 036,736	22,089	21,624	67	54	78 819	4 847,695	53 392,423	11,014	10,549
18	5	98 981	46 792,982	1 029 232,704	21,995	21,530	68	55	77 163	4 552,349	48 544,728	10,664	10,198
19	6	98 923	44 859,209	982 439,722	21,901	21,435	69	56	75 417	4 267,969	43 992,379	10,308	9,842
20	7	98 866	43 005,642	937 580,513	21,801	21,336	70	57	73 559	3 993,117	39 724,409	9,948	9,483
21	8	98 804	41 226,687	894 574,871	21,699	21,234	71	58	71 597	3 728,158	35 731,292	9,584	9,119
22	9	98 744	39 521,701	853 348,184	21,592	21,127	72	59	69 504	3 471,638	32 003,134	9,218	8,753
23	10	98 684	37 887,746	813 826,483	21,480	21,015	73	60	67 301	3 224,536	28 531,496	8,848	8,383
24	11	98 626	36 321,584	775 938,738	21,363	20,898	74	61	64 940	2 984,580	25 306,960	8,479	8,014
25	12	98 563	34 818,567	739 617,154	21,242	20,777	75	62	62 380	2 750,052	22 322,379	8,117	7,652
26	13	98 501	33 378,069	704 798,587	21,116	20,650	76	63	59 666	2 523,165	19 572,327	7,757	7,292
27	14	98 435	31 995,863	671 420,517	20,985	20,519	77	64	56 798	2 303,946	17 049,162	7,400	6,935
28	15	98 362	30 668,725	639 424,654	20,849	20,384	78	65	53 745	2 091,228	14 745,215	7,051	6,586
29	16	98 290	29 397,064	608 755,930	20,708	20,243	79	66	50 508	1 885,180	12 653,987	6,712	6,247
30	17	98 210	28 175,744	579 358,865	20,562	20,097	80	67	47 129	1 687,340	10 768,808	6,382	5,917
31	18	98 132	27 005,463	551 183,122	20,410	19,945	81	68	43 661	1 499,441	9 081,468	6,057	5,591
32	19	98 039	25 880,119	524 177,658	20,254	19,789	82	69	40 087	1 320,578	7 582,027	5,741	5,276
33	20	97 947	24 801,682	498 297,539	20,091	19,626	83	70	36 475	1 152,612	6 261,450	5,432	4,967
34	21	97 851	23 767,145	473 495,857	19,922	19,457	84	71	32 883	996,732	5 108,838	5,126	4,660
35	22	97 752	22 775,370	449 728,712	19,746	19,281	85	72	29 272	851,114	4 112,106	4,831	4,366
36	23	97 648	21 823,629	426 953,342	19,564	19,099	86	73	25 714	717,189	3 260,992	4,547	4,082
37	24	97 540	20 910,717	405 129,713	19,374	18,909	87	74	22 238	594,935	2 543,803	4,276	3,811
38	25	97 428	20 035,158	384 218,996	19,177	18,712	88	75	18 872	484,316	1 948,868	4,024	3,559
39	26	97 299	19 193,029	364 183,838	18,975	18,510	89	76	15 728	387,181	1 464,552	3,783	3,317
40	27	97 165	18 385,092	344 990,809	18,765	18,299	90	77	12 777	301,699	1 077,371	3,571	3,106
41	28	97 014	17 608,225	326 605,716	18,548	18,083	91	78	10 236	231,855	775,672	3,346	2,880
42	29	96 857	16 862,986	308 997,492	18,324	17,859	92	79	7 928	172,255	543,817	3,157	2,692
43	30	96 681	16 146,154	292 134,505	18,093	17,628	93	80	5 987	124,784	371,562	2,978	2,512
44	31	96 481	15 455,923	275 988,352	17,856	17,391	94	81	4 391	87,782	246,778	2,811	2,346
45	32	96 260	14 791,862	260 532,429	17,613	17,148	95	82	3 122	59,863	158,996	2,656	2,191
46	33	96 013	14 152,390	245 740,567	17,364	16,899	96	83	2 144	39,448	99,133	2,513	2,048
47	34	95 740	13 536,904	231 588,177	17,108	16,643	97	84	1 422	25,083	59,685	2,380	1,914
48	35	95 423	12 942,056	218 051,273	16,848	16,383	98	85	906	15,335	34,602	2,256	1,791
49	36	95 079	12 369,704	205 109,217	16,582	16,116	99	86	554	8,992	19,268	2,143	1,677
							100	87	324	5,045	10,275	2,037	1,572

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14	0	99 450	55 531,376	1 238 218,095	22,298	21,832
15	1	99 121	53 091,601	1 182 686,719	22,276	21,811
16	2	99 077	50 904,689	1 129 595,118	22,190	21,725
17	3	99 037	48 809,486	1 078 690,429	22,100	21,635
18	4	98 992	46 798,559	1 029 880,943	22,007	21,541
19	5	98 933	44 863,743	983 082,384	21,913	21,447
20	6	98 875	43 009,388	938 218,641	21,814	21,349
21	7	98 813	41 230,225	895 209,253	21,712	21,247
22	8	98 751	39 524,612	853 979,028	21,606	21,141
23	9	98 691	37 890,360	814 454,416	21,495	21,030
24	10	98 633	36 324,162	776 564,057	21,379	20,914
25	11	98 571	34 821,352	740 239,895	21,258	20,793
26	12	98 509	33 380,756	705 418,543	21,132	20,667
27	13	98 443	31 998,729	672 037,787	21,002	20,537
28	14	98 372	30 672,049	640 039,057	20,867	20,402
29	15	98 302	29 400,763	609 367,008	20,726	20,261
30	16	98 225	28 180,080	579 966,245	20,581	20,115
31	17	98 148	27 009,798	551 786,166	20,429	19,964
32	18	98 062	25 886,032	524 776,368	20,273	19,807
33	19	97 967	24 806,806	498 890,336	20,111	19,646
34	20	97 872	23 772,422	474 083,530	19,943	19,477
35	21	97 773	22 780,137	450 311,108	19,768	19,302
36	22	97 670	21 828,526	427 530,971	19,586	19,121
37	23	97 562	20 915,498	405 702,444	19,397	18,932
38	24	97 448	20 039,209	384 786,947	19,202	18,736
39	25	97 321	19 197,252	364 747,738	19,000	18,535
40	26	97 188	18 389,445	345 550,486	18,791	18,325
41	27	97 040	17 612,956	327 161,041	18,575	18,110
42	28	96 881	16 867,252	309 548,085	18,352	17,887
43	29	96 708	16 150,788	292 680,833	18,122	17,657
44	30	96 508	15 460,299	276 530,046	17,886	17,421
45	31	96 289	14 796,331	261 069,747	17,644	17,179
46	32	96 047	14 157,408	246 273,416	17,395	16,930
47	33	95 775	13 541,855	232 116,008	17,141	16,675
48	34	95 464	12 947,556	218 574,153	16,881	16,416
49	35	95 117	12 374,626	205 626,597	16,617	16,152
50	36	94 739	11 822,899	193 251,971	16,346	15,880
51	37	94 315	11 290,170	181 429,072	16,070	15,604
52	38	93 818	10 772,911	170 138,902	15,793	15,328
53	39	93 297	10 276,272	159 365,991	15,508	15,043
54	40	92 720	9 796,441	149 089,719	15,219	14,754
55	41	92 081	9 332,275	139 293,278	14,926	14,461
56	42	91 385	8 884,127	129 961,003	14,628	14,163
57	43	90 638	8 452,296	121 076,876	14,325	13,860
58	44	89 817	8 034,255	112 624,580	14,018	13,553
59	45	88 927	7 630,365	104 590,325	13,707	13,242
60	46	87 966	7 240,246	96 959,960	13,392	12,927
61	47	86 930	6 863,223	89 719,714	13,073	12,607
62	48	85 819	6 499,278	82 856,491	12,749	12,283
63	49	84 640	6 148,686	76 357,214	12,418	11,953
64	50	83 398	5 811,466	70 208,528	12,081	11,616
65	51	82 041	5 483,862	64 397,062	11,743	11,278
66	52	80 608	5 168,408	58 913,200	11,399	10,933
67	53	79 057	4 862,314	53 744,792	11,053	10,588
68	54	77 410	4 566,923	48 882,479	10,704	10,238
69	55	75 685	4 283,145	44 315,555	10,346	9,881
70	56	73 838	4 008,237	40 032,410	9,988	9,522
71	57	71 884	3 743,118	36 024,174	9,624	9,159
72	58	69 812	3 487,024	32 281,055	9,257	8,792
73	59	67 620	3 239,834	28 794,031	8,888	8,422
74	60	65 292	3 000,752	25 554,197	8,516	8,051
75	61	62 741	2 765,947	22 553,444	8,154	7,689
76	62	60 045	2 539,182	19 787,497	7,793	7,328
77	63	57 183	2 319,575	17 248,315	7,436	6,971
78	64	54 142	2 106,711	14 928,740	7,086	6,621
79	65	50 906	1 900,018	12 822,029	6,748	6,283
80	66	47 536	1 701,898	10 922,010	6,418	5,952
81	67	44 063	1 513,260	9 220,112	6,093	5,628
82	68	40 480	1 333,527	7 706,852	5,779	5,314
83	69	36 867	1 164,986	6 373,325	5,471	5,006
84	70	33 269	1 008,434	5 208,339	5,165	4,700
85	71	29 654	862,217	4 199,905	4,871	4,406
86	72	26 092	727,725	3 337,688	4,586	4,121
87	73	22 605	604,770	2 609,963	4,316	3,850
88	74	19 230	493,498	2 005,193	4,063	3,598
89	75	16 073	395,671	1 511,695	3,821	3,355
90	76	13 098	309,274	1 116,024	3,609	3,143
91	77	10 528	238,466	806,750	3,383	2,918
92	78	8 191	177,962	568,284	3,193	2,728
93	79	6 213	129,485	390,322	3,014	2,549
94	80	4 582	91,608	260,837	2,847	2,382
95	81	3 278	62,854	169,229	2,692	2,227
96	82	2 270	41,750	106,374	2,548	2,083
97	83	1 517	26,761	64,624	2,415	1,950
98	84	977	16,530	37,863	2,291	1,825
99	85	604	9,804	21,333	2,176	1,711
100	86	358	5,570	11,529	2,070	1,605

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	35	94 776	11 827,604	193 720,110	16,379	15,913
1							51	36	94 360	11 295,538	181 892,506	16,103	15,638
2							52	37	93 869	10 778,663	170 596,968	15,827	15,362
3							53	38	93 349	10 281,996	159 818,305	15,544	15,078
4							54	39	92 782	9 802,926	149 536,309	15,254	14,789
5							55	40	92 146	9 338,870	139 733,383	14,963	14,497
6							56	41	91 458	8 891,253	130 394,513	14,665	14,200
7							57	42	90 719	8 459,826	121 503,260	14,362	13,897
8							58	43	89 909	8 042,490	113 043,433	14,056	13,591
9							59	44	89 027	7 638,945	105 000,943	13,745	13,280
10							60	45	88 078	7 249,447	97 361,998	13,430	12,965
11							61	46	87 052	6 872,907	90 112,551	13,111	12,646
12							62	47	85 959	6 509,922	83 239,644	12,787	12,321
13							63	48	84 790	6 159,579	76 729,722	12,457	11,992
14							64	49	83 570	5 823,449	70 570,143	12,118	11,653
15	0	99 435	53 259,512	1 183 474,088	22,221	21,756	65	50	82 222	5 495,969	64 746,694	11,781	11,316
16	1	99 104	50 918,129	1 130 214,576	22,197	21,731	66	51	80 805	5 181,085	59 250,725	11,436	10,971
17	2	99 052	48 816,757	1 079 296,447	22,109	21,644	67	52	79 274	4 875,699	54 069,640	11,090	10,624
18	3	99 003	46 803,789	1 030 479,690	22,017	21,552	68	53	77 643	4 580,695	49 193,941	10,739	10,274
19	4	98 945	44 869,091	983 675,901	21,923	21,458	69	54	75 928	4 296,857	44 613,246	10,383	9,918
20	5	98 885	43 013,735	938 806,811	21,826	21,361	70	55	74 100	4 022,489	40 316,388	10,023	9,558
21	6	98 821	41 233,816	895 793,075	21,725	21,260	71	56	72 156	3 757,291	36 293,899	9,660	9,194
22	7	98 759	39 528,004	854 559,259	21,619	21,154	72	57	70 092	3 501,016	32 536,608	9,293	8,828
23	8	98 698	37 893,150	815 031,255	21,509	21,043	73	58	67 920	3 254,193	29 035,592	8,923	8,457
24	9	98 640	36 326,668	777 138,105	21,393	20,928	74	59	65 602	3 014,989	25 781,399	8,551	8,086
25	10	98 578	34 823,823	740 811,437	21,273	20,808	75	60	63 081	2 780,935	22 766,409	8,187	7,721
26	11	98 516	33 383,426	705 987,614	21,148	20,683	76	61	60 392	2 553,858	19 985,475	7,826	7,360
27	12	98 451	32 001,306	672 604,188	21,018	20,553	77	62	57 546	2 334,299	17 431,617	7,468	7,002
28	13	98 381	30 674,797	640 602,882	20,884	20,418	78	63	54 510	2 121,002	15 097,318	7,118	6,653
29	14	98 313	29 403,950	609 928,085	20,743	20,278	79	64	51 283	1 914,086	12 976,315	6,779	6,314
30	15	98 238	28 183,625	580 524,136	20,598	20,133	80	65	47 910	1 715,295	11 062,229	6,449	5,984
31	16	98 163	27 013,954	552 340,511	20,446	19,981	81	66	44 443	1 526,317	9 346,935	6,124	5,659
32	17	98 077	25 890,187	525 326,556	20,291	19,825	82	67	40 853	1 345,817	7 820,618	5,811	5,346
33	18	97 990	24 812,473	499 436,370	20,128	19,663	83	68	37 228	1 176,410	6 474,801	5,504	5,039
34	19	97 892	23 777,333	474 623,897	19,961	19,496	84	69	33 626	1 019,260	5 298,391	5,198	4,733
35	20	97 795	22 785,196	450 846,563	19,787	19,322	85	70	30 002	872,340	4 279,131	4,905	4,440
36	21	97 691	21 833,096	428 061,368	19,606	19,141	86	71	26 432	737,218	3 406,791	4,621	4,156
37	22	97 584	20 920,191	406 228,272	19,418	18,953	87	72	22 937	613,654	2 669,572	4,350	3,885
38	23	97 470	20 043,790	385 308,082	19,223	18,758	88	73	19 548	501,656	2 055,918	4,098	3,633
39	24	97 340	19 201,134	365 264,291	19,023	18,558	89	74	16 378	403,173	1 554,263	3,855	3,390
40	25	97 209	18 393,491	346 063,158	18,814	18,349	90	75	13 385	316,056	1 151,089	3,642	3,177
41	26	97 063	17 617,126	327 669,667	18,599	18,134	91	76	10 792	244,454	835,034	3,416	2,951
42	27	96 907	16 871,784	310 052,541	18,377	17,912	92	77	8 424	183,037	590,580	3,227	2,761
43	28	96 733	16 154,873	293 180,757	18,148	17,683	93	78	6 419	133,775	407,543	3,046	2,581
44	29	96 536	15 464,736	277 025,884	17,913	17,448	94	79	4 755	95,060	273,769	2,880	2,415
45	30	96 316	14 800,520	261 561,148	17,672	17,207	95	80	3 420	65,594	178,709	2,724	2,259
46	31	96 076	14 161,686	246 760,628	17,425	16,959	96	81	2 383	43,836	113,115	2,580	2,115
47	32	95 809	13 546,657	232 598,943	17,170	16,705	97	82	1 605	28,323	69,279	2,446	1,981
48	33	95 499	12 952,291	219 052,286	16,912	16,447	98	83	1 042	17,636	40,956	2,322	1,857
49	34	95 158	12 379,884	206 099,994	16,648	16,183	99	84	651	10,568	23,320	2,207	1,741
							100	85	390	6,072	12,752	2,100	1,635

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	34	94 817	11 832,630	194 148,458	16,408	15,943
1							51	35	94 397	11 300,033	182 315,828	16,134	15,669
2							52	36	93 913	10 783,788	171 015,795	15,859	15,393
3							53	37	93 399	10 287,487	160 232,007	15,575	15,110
4							54	38	92 834	9 808,386	149 944,520	15,287	14,822
5							55	39	92 207	9 345,052	140 136,134	14,996	14,531
6							56	40	91 523	8 897,537	130 791,082	14,700	14,234
7							57	41	90 792	8 466,612	121 893,545	14,397	13,932
8							58	42	89 989	8 049,655	113 426,933	14,091	13,626
9							59	43	89 118	7 646,775	105 377,278	13,781	13,315
10							60	44	88 177	7 257,598	97 730,503	13,466	13,001
11							61	45	87 163	6 881,642	90 472,905	13,147	12,682
12							62	46	86 080	6 519,108	83 591,263	12,822	12,357
13							63	47	84 929	6 169,667	77 072,155	12,492	12,027
14							64	48	83 718	5 833,765	70 902,488	12,154	11,689
15							65	49	82 392	5 507,301	65 068,722	11,815	11,350
16	0	99 417	51 079,166	1 130 943,923	22,141	21,676	66	50	80 984	5 192,524	59 561,421	11,471	11,005
17	1	99 078	48 829,646	1 079 864,757	22,115	21,650	67	51	79 469	4 887,658	54 368,897	11,124	10,658
18	2	99 018	46 810,761	1 031 035,111	22,026	21,560	68	52	77 857	4 593,306	49 481,239	10,772	10,307
19	3	98 956	44 874,105	984 224,350	21,933	21,468	69	53	76 157	4 309,815	44 887,933	10,415	9,950
20	4	98 896	43 018,862	939 350,245	21,836	21,371	70	54	74 337	4 035,367	40 578,118	10,056	9,590
21	5	98 831	41 237,985	896 331,383	21,736	21,270	71	55	72 413	3 770,651	36 542,751	9,691	9,226
22	6	98 768	39 531,447	855 093,399	21,631	21,165	72	56	70 358	3 514,273	32 772,100	9,325	8,860
23	7	98 707	37 896,403	815 561,952	21,521	21,056	73	57	68 192	3 267,251	29 257,827	8,955	8,490
24	8	98 647	36 329,343	777 665,549	21,406	20,941	74	58	65 892	3 028,351	25 990,576	8,582	8,117
25	9	98 584	34 826,226	741 336,206	21,287	20,822	75	59	63 380	2 794,129	22 962,225	8,218	7,753
26	10	98 523	33 385,795	706 509,980	21,162	20,697	76	60	60 719	2 567,696	20 168,096	7,855	7,389
27	11	98 459	32 003,865	673 124,185	21,033	20,567	77	61	57 878	2 347,791	17 600,400	7,497	7,031
28	12	98 389	30 677,266	641 120,320	20,899	20,434	78	62	54 856	2 134,466	15 252,609	7,146	6,681
29	13	98 322	29 406,584	610 443,054	20,759	20,294	79	63	51 631	1 927,070	13 118,143	6,807	6,342
30	14	98 248	28 186,680	581 036,470	20,614	20,149	80	64	48 264	1 727,994	11 191,073	6,476	6,011
31	15	98 175	27 017,353	552 849,790	20,463	19,998	81	65	44 793	1 538,331	9 463,079	6,152	5,686
32	16	98 093	25 894,171	525 832,437	20,307	19,842	82	66	41 205	1 357,429	7 924,748	5,838	5,373
33	17	98 005	24 816,455	499 938,266	20,145	19,680	83	67	37 571	1 187,252	6 567,319	5,532	5,066
34	18	97 915	23 782,765	475 121,810	19,978	19,512	84	68	33 956	1 029,255	5 380,067	5,227	4,762
35	19	97 815	22 789,903	451 339,045	19,804	19,339	85	69	30 324	881,705	4 350,812	4,935	4,469
36	20	97 712	21 837,944	428 549,142	19,624	19,159	86	70	26 743	745,874	3 469,106	4,651	4,186
37	21	97 605	20 924,570	406 711,199	19,437	18,972	87	71	23 236	621,659	2 723,232	4,381	3,915
38	22	97 492	20 048,288	385 786,629	19,243	18,778	88	72	19 835	509,025	2 101,573	4,129	3,663
39	23	97 363	19 205,524	365 738,341	19,043	18,578	89	73	16 649	409,838	1 592,548	3,886	3,421
40	24	97 229	18 397,209	346 532,818	18,836	18,371	90	74	13 639	322,048	1 182,710	3,672	3,207
41	25	97 084	17 621,002	328 135,608	18,622	18,157	91	75	11 029	249,814	860,662	3,445	2,980
42	26	96 930	16 875,778	310 514,606	18,400	17,935	92	76	8 636	187,632	610,848	3,256	2,790
43	27	96 759	16 159,214	293 638,828	18,172	17,706	93	77	6 602	137,589	423,216	3,076	2,611
44	28	96 560	15 468,648	277 479,614	17,938	17,473	94	78	4 912	98,209	285,627	2,908	2,443
45	29	96 344	14 804,768	262 010,966	17,698	17,233	95	79	3 549	68,065	187,418	2,754	2,288
46	30	96 103	14 165,695	247 206,199	17,451	16,986	96	80	2 487	45,747	119,353	2,609	2,144
47	31	95 838	13 550,750	233 040,504	17,198	16,732	97	81	1 685	29,738	73,606	2,475	2,010
48	32	95 533	12 956,884	219 489,754	16,940	16,475	98	82	1 103	18,665	43,867	2,350	1,885
49	33	95 192	12 384,412	206 532,870	16,677	16,212	99	83	694	11,275	25,202	2,235	1,770
							100	84	420	6,546	13,927	2,128	1,663

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	33	94 851	11 836,958	194 540,124	16,435	15,970
1							51	34	94 437	11 304,835	182 703,166	16,162	15,696
2							52	35	93 951	10 788,079	171 398,331	15,888	15,423
3							53	36	93 443	10 292,378	160 610,252	15,605	15,140
4							54	37	92 883	9 813,623	150 317,875	15,317	14,852
5							55	38	92 259	9 350,258	140 504,251	15,027	14,562
6							56	39	91 583	8 903,427	131 153,993	14,731	14,266
7							57	40	90 856	8 472,596	122 250,566	14,429	13,964
8							58	41	90 061	8 056,112	113 777,971	14,123	13,658
9							59	42	89 198	7 653,587	105 721,859	13,813	13,348
10							60	43	88 268	7 265,037	98 068,271	13,499	13,033
11							61	44	87 261	6 889,380	90 803,234	13,180	12,715
12							62	45	86 190	6 527,393	83 913,855	12,856	12,390
13							63	46	85 048	6 178,373	77 386,461	12,525	12,060
14							64	47	83 855	5 843,320	71 208,089	12,186	11,721
15							65	48	82 538	5 517,058	65 364,769	11,848	11,383
16							66	49	81 151	5 203,230	59 847,711	11,502	11,037
17	0	99 391	48 984,077	1 080 540,631	22,059	21,594	67	50	79 644	4 898,450	54 644,481	11,155	10,690
18	1	99 044	46 823,121	1 031 556,554	22,031	21,566	68	51	78 048	4 604,572	49 746,031	10,804	10,338
19	2	98 970	44 880,789	984 733,433	21,941	21,476	69	52	76 366	4 321,680	45 141,459	10,445	9,980
20	3	98 907	43 023,669	939 852,644	21,845	21,380	70	53	74 562	4 047,536	40 819,779	10,085	9,620
21	4	98 843	41 242,900	896 828,975	21,745	21,280	71	54	72 645	3 782,723	36 772,243	9,721	9,256
22	5	98 778	39 535,443	855 586,075	21,641	21,176	72	55	70 608	3 526,769	32 989,520	9,354	8,889
23	6	98 715	37 899,703	816 050,632	21,532	21,067	73	56	68 450	3 279,622	29 462,752	8,984	8,518
24	7	98 655	36 332,461	778 150,928	21,418	20,952	74	57	66 157	3 040,503	26 183,129	8,611	8,146
25	8	98 592	34 828,791	741 818,467	21,299	20,834	75	58	63 661	2 806,512	23 142,626	8,246	7,781
26	9	98 530	33 388,099	706 989,676	21,175	20,710	76	59	61 007	2 579,878	20 336,115	7,883	7,417
27	10	98 466	32 006,136	673 601,578	21,046	20,581	77	60	58 192	2 360,513	17 756,236	7,522	7,057
28	11	98 397	30 679,720	641 595,441	20,913	20,447	78	61	55 173	2 146,803	15 395,723	7,171	6,706
29	12	98 330	29 408,951	610 915,722	20,773	20,308	79	62	51 958	1 939,303	13 248,921	6,832	6,367
30	13	98 257	28 189,205	581 506,770	20,629	20,163	80	63	48 592	1 739,716	11 309,618	6,501	6,036
31	14	98 186	27 020,282	553 317,565	20,478	20,013	81	64	45 125	1 549,720	9 569,902	6,175	5,710
32	15	98 105	25 897,429	526 297,284	20,322	19,857	82	65	41 530	1 368,114	8 020,181	5,862	5,397
33	16	98 020	24 820,274	500 399,855	20,161	19,696	83	66	37 895	1 197,496	6 652,067	5,555	5,090
34	17	97 931	23 786,582	475 579,580	19,994	19,528	84	67	34 269	1 038,741	5 454,572	5,251	4,786
35	18	97 837	22 795,109	451 792,998	19,820	19,355	85	68	30 622	890,351	4 415,831	4,960	4,494
36	19	97 733	21 842,455	428 997,889	19,641	19,175	86	69	27 030	753,881	3 525,480	4,676	4,211
37	20	97 626	20 929,216	407 155,434	19,454	18,989	87	70	23 509	628,958	2 771,598	4,407	3,941
38	21	97 512	20 052,484	386 226,218	19,261	18,796	88	71	20 094	515,666	2 142,640	4,155	3,690
39	22	97 385	19 209,833	366 173,734	19,062	18,597	89	72	16 893	415,858	1 626,974	3,912	3,447
40	23	97 251	18 401,416	346 963,901	18,855	18,390	90	73	13 864	327,372	1 211,116	3,700	3,234
41	24	97 104	17 624,565	328 562,485	18,642	18,177	91	74	11 238	254,551	883,745	3,472	3,007
42	25	96 951	16 879,491	310 937,920	18,421	17,956	92	75	8 825	191,747	629,194	3,281	2,816
43	26	96 782	16 163,039	294 058,429	18,193	17,728	93	76	6 767	141,044	437,447	3,102	2,636
44	27	96 586	15 472,804	277 895,390	17,960	17,495	94	77	5 053	101,009	296,403	2,934	2,469
45	28	96 368	14 808,512	262 422,585	17,721	17,256	95	78	3 667	70,320	195,394	2,779	2,313
46	29	96 131	14 169,761	247 614,073	17,475	17,010	96	79	2 581	47,470	125,074	2,635	2,170
47	30	95 865	13 554,586	233 444,313	17,223	16,757	97	80	1 759	31,035	77,604	2,501	2,035
48	31	95 561	12 960,799	219 889,727	16,966	16,501	98	81	1 158	19,598	46,569	2,376	1,911
49	32	95 226	12 388,804	206 928,928	16,703	16,238	99	82	735	11,933	26,971	2,260	1,795
							100	83	448	6,983	15,038	2,153	1,688

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	32	94 885	11 841,155	194 898,463	16,459	15,994
1							51	33	94 472	11 308,970	183 057,307	16,187	15,722
2							52	34	93 990	10 792,663	171 748,337	15,913	15,448
3							53	35	93 480	10 296,473	160 955,674	15,632	15,167
4							54	36	92 927	9 818,289	150 659,201	15,345	14,880
5							55	37	92 308	9 355,251	140 840,912	15,055	14,590
6							56	38	91 634	8 908,386	131 485,661	14,760	14,295
7							57	39	90 916	8 478,204	122 577,275	14,458	13,993
8							58	40	90 125	8 061,806	114 099,070	14,153	13,688
9							59	41	89 269	7 659,726	106 037,265	13,843	13,378
10							60	42	88 346	7 271,509	98 377,538	13,529	13,064
11							61	43	87 350	6 896,441	91 106,029	13,211	12,745
12							62	44	86 287	6 534,733	84 209,588	12,886	12,421
13							63	45	85 156	6 186,225	77 674,855	12,556	12,091
14							64	46	83 973	5 851,565	71 488,631	12,217	11,752
15							65	47	82 673	5 526,094	65 637,065	11,878	11,412
16							66	48	81 295	5 212,448	60 110,971	11,532	11,067
17							67	49	79 809	4 908,550	54 898,523	11,184	10,719
18	0	99 358	46 971,206	1 032 183,122	21,975	21,510	68	50	78 220	4 614,738	49 989,974	10,833	10,367
19	1	98 997	44 892,639	985 211,916	21,946	21,481	69	51	76 553	4 332,280	45 375,235	10,474	10,009
20	2	98 922	43 030,078	940 319,277	21,853	21,387	70	52	74 767	4 058,678	41 042,955	10,112	9,647
21	3	98 854	41 247,509	897 289,199	21,754	21,289	71	53	72 864	3 794,130	36 984,277	9,748	9,283
22	4	98 790	39 540,155	856 041,690	21,650	21,185	72	54	70 834	3 538,060	33 190,147	9,381	8,916
23	5	98 725	37 903,534	816 501,535	21,542	21,076	73	55	68 694	3 291,284	29 652,087	9,009	8,544
24	6	98 664	36 335,626	778 598,000	21,428	20,963	74	56	66 407	3 052,016	26 360,804	8,637	8,172
25	7	98 600	34 831,780	742 262,374	21,310	20,845	75	57	63 916	2 817,773	23 308,788	8,272	7,807
26	8	98 537	33 390,558	707 430,594	21,187	20,721	76	58	61 277	2 591,312	20 491,014	7,908	7,442
27	9	98 473	32 008,344	674 040,036	21,058	20,593	77	59	58 468	2 371,712	17 899,702	7,547	7,082
28	10	98 404	30 681,897	642 031,692	20,925	20,460	78	60	55 472	2 158,435	15 527,990	7,194	6,729
29	11	98 338	29 411,303	611 349,795	20,786	20,321	79	61	52 259	1 950,512	13 369,555	6,854	6,389
30	12	98 265	28 191,475	581 938,492	20,642	20,177	80	62	48 900	1 750,759	11 419,043	6,522	6,057
31	13	98 194	27 022,702	553 747,017	20,492	20,027	81	63	45 431	1 560,233	9 668,284	6,197	5,731
32	14	98 116	25 900,236	526 724,315	20,337	19,871	82	64	41 837	1 378,243	8 108,051	5,883	5,418
33	15	98 033	24 823,397	500 824,079	20,175	19,710	83	65	38 194	1 206,922	6 729,808	5,576	5,111
34	16	97 946	23 790,243	476 000,682	20,008	19,543	84	66	34 564	1 047,704	5 522,886	5,271	4,806
35	17	97 853	22 798,768	452 210,439	19,835	19,370	85	67	30 904	898,557	4 475,183	4,980	4,515
36	18	97 755	21 847,445	429 411,671	19,655	19,190	86	68	27 295	761,274	3 576,626	4,698	4,233
37	19	97 647	20 933,540	407 564,226	19,469	19,004	87	69	23 762	635,710	2 815,352	4,429	3,963
38	20	97 534	20 056,937	386 630,686	19,277	18,811	88	70	20 330	521,720	2 179,642	4,178	3,713
39	21	97 405	19 213,854	366 573,750	19,079	18,613	89	71	17 114	421,283	1 657,921	3,935	3,470
40	22	97 273	18 405,545	347 359,895	18,873	18,407	90	72	14 068	332,181	1 236,638	3,723	3,258
41	23	97 126	17 628,594	328 954,351	18,660	18,195	91	73	11 424	258,758	904,457	3,495	3,030
42	24	96 971	16 882,904	311 325,756	18,440	17,975	92	74	8 993	195,383	645,699	3,305	2,840
43	25	96 803	16 166,595	294 442,853	18,213	17,748	93	75	6 916	144,136	450,317	3,124	2,659
44	26	96 609	15 476,467	278 276,257	17,981	17,515	94	76	5 179	103,545	306,180	2,957	2,492
45	27	96 394	14 812,492	262 799,790	17,742	17,277	95	77	3 772	72,325	202,635	2,802	2,336
46	28	96 155	14 173,345	247 987,298	17,497	17,032	96	78	2 666	49,043	130,309	2,657	2,192
47	29	95 893	13 558,476	233 813,954	17,245	16,780	97	79	1 825	32,204	81,266	2,524	2,058
48	30	95 589	12 964,468	220 255,478	16,989	16,524	98	80	1 208	20,452	49,063	2,399	1,934
49	31	95 255	12 392,547	207 291,009	16,727	16,262	99	81	772	12,529	28,611	2,284	1,818
							100	82	475	7,391	16,081	2,176	1,711

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	31	94 914	11 844,733	195 226,018	16,482	16,017
1							51	32	94 505	11 312,980	183 381,285	16,210	15,745
2							52	33	94 025	10 796,611	172 068,305	15,937	15,472
3							53	34	93 520	10 300,849	161 271,694	15,656	15,191
4							54	35	92 964	9 822,196	150 970,846	15,370	14,905
5							55	36	92 352	9 359,698	141 148,650	15,080	14,615
6							56	37	91 683	8 913,143	131 788,951	14,786	14,321
7							57	38	90 966	8 482,927	122 875,808	14,485	14,020
8							58	39	90 184	8 067,142	114 392,881	14,180	13,715
9							59	40	89 332	7 665,140	106 325,738	13,871	13,406
10							60	41	88 417	7 277,342	98 660,599	13,557	13,092
11							61	42	87 428	6 902,585	91 383,257	13,239	12,774
12							62	43	86 375	6 541,431	84 480,672	12,915	12,449
13							63	44	85 252	6 193,181	77 939,241	12,585	12,119
14							64	45	84 080	5 859,002	71 746,060	12,245	11,780
15							65	46	82 789	5 533,892	65 887,058	11,906	11,441
16							66	47	81 428	5 220,985	60 353,167	11,560	11,095
17							67	48	79 950	4 917,245	55 132,182	11,212	10,747
18							68	49	78 382	4 624,254	50 214,936	10,859	10,394
19	0	99 310	45 034,619	985 792,986	21,890	21,424	69	50	76 722	4 341,845	45 590,683	10,500	10,035
20	1	98 948	43 041,440	940 758,366	21,857	21,392	70	51	74 950	4 068,634	41 248,838	10,138	9,673
21	2	98 869	41 253,653	897 716,926	21,761	21,296	71	52	73 065	3 804,575	37 180,204	9,772	9,307
22	3	98 801	39 544,574	856 463,273	21,658	21,193	72	53	71 048	3 548,729	33 375,629	9,405	8,940
23	4	98 737	37 908,052	816 918,700	21,550	21,085	73	54	68 914	3 301,821	29 826,900	9,033	8,568
24	5	98 674	36 339,299	779 010,647	21,437	20,972	74	55	66 643	3 062,868	26 525,080	8,660	8,195
25	6	98 609	34 834,814	742 671,349	21,320	20,855	75	56	64 158	2 828,443	23 462,212	8,295	7,830
26	7	98 546	33 393,424	707 836,534	21,197	20,732	76	57	61 523	2 601,710	20 633,769	7,931	7,466
27	8	98 480	32 010,702	674 443,111	21,069	20,604	77	58	58 727	2 382,223	18 032,059	7,569	7,104
28	9	98 411	30 684,014	642 432,409	20,937	20,472	78	59	55 735	2 168,676	15 649,836	7,216	6,751
29	10	98 345	29 413,391	611 748,395	20,798	20,333	79	60	52 542	1 961,081	13 481,160	6,874	6,409
30	11	98 273	28 193,729	582 335,004	20,655	20,190	80	61	49 183	1 760,879	11 520,080	6,542	6,077
31	12	98 202	27 024,878	554 141,275	20,505	20,040	81	62	45 719	1 570,137	9 759,201	6,216	5,750
32	13	98 124	25 902,556	527 116,398	20,350	19,885	82	63	42 121	1 387,593	8 189,064	5,902	5,436
33	14	98 043	24 826,088	501 213,841	20,189	19,724	83	64	38 477	1 215,857	6 801,471	5,594	5,129
34	15	97 958	23 793,236	476 387,754	20,022	19,557	84	65	34 836	1 055,950	5 585,614	5,290	4,824
35	16	97 868	22 802,276	452 594,517	19,849	19,383	85	66	31 170	906,310	4 529,664	4,998	4,533
36	17	97 771	21 850,952	429 792,241	19,669	19,204	86	67	27 547	768,290	3 623,354	4,716	4,251
37	18	97 669	20 938,322	407 941,290	19,483	19,018	87	68	23 995	641,944	2 855,064	4,448	3,982
38	19	97 554	20 061,080	387 002,967	19,291	18,826	88	69	20 548	527,321	2 213,120	4,197	3,732
39	20	97 427	19 218,121	366 941,887	19,094	18,628	89	70	17 315	426,229	1 685,799	3,955	3,490
40	21	97 293	18 409,398	347 723,767	18,888	18,423	90	71	14 251	336,514	1 259,569	3,743	3,278
41	22	97 148	17 632,550	329 314,369	18,677	18,211	91	72	11 592	262,560	923,055	3,516	3,050
42	23	96 993	16 886,764	311 681,819	18,457	17,992	92	73	9 141	198,612	660,495	3,326	2,860
43	24	96 823	16 169,864	294 795,056	18,231	17,766	93	74	7 047	146,869	461,883	3,145	2,680
44	25	96 630	15 479,872	278 625,192	17,999	17,534	94	75	5 293	105,816	315,014	2,977	2,512
45	26	96 417	14 815,998	263 145,319	17,761	17,296	95	76	3 866	74,141	209,198	2,822	2,356
46	27	96 181	14 177,153	248 329,321	17,516	17,051	96	77	2 742	50,441	135,057	2,677	2,212
47	28	95 917	13 561,906	234 152,168	17,265	16,800	97	78	1 886	33,271	84,615	2,543	2,078
48	29	95 616	12 968,189	220 590,262	17,010	16,545	98	79	1 254	21,223	51,345	2,419	1,954
49	30	95 282	12 396,055	207 622,073	16,749	16,284	99	80	805	13,075	30,122	2,304	1,839
							100	81	498	7,760	17,047	2,197	1,731

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	30	94 940	11 848,086	195 525,460	16,503	16,037
1							51	31	94 534	11 316,398	183 677,374	16,231	15,766
2							52	32	94 058	10 800,439	172 360,976	15,959	15,493
3							53	33	93 554	10 304,617	161 560,537	15,678	15,213
4							54	34	93 004	9 826,370	151 255,921	15,393	14,928
5							55	35	92 389	9 363,423	141 429,550	15,104	14,639
6							56	36	91 727	8 917,381	132 066,128	14,810	14,345
7							57	37	91 015	8 487,457	123 148,747	14,509	14,044
8							58	38	90 235	8 071,636	114 661,290	14,205	13,740
9							59	39	89 391	7 670,214	106 589,654	13,897	13,431
10							60	40	88 480	7 282,485	98 919,440	13,583	13,118
11							61	41	87 498	6 908,122	91 636,955	13,265	12,800
12							62	42	86 452	6 547,258	84 728,833	12,941	12,476
13							63	43	85 340	6 199,528	78 181,575	12,611	12,146
14							64	44	84 174	5 865,590	71 982,046	12,272	11,807
15							65	45	82 895	5 540,924	66 116,456	11,932	11,467
16							66	46	81 543	5 228,352	60 575,532	11,586	11,121
17							67	47	80 081	4 925,299	55 347,180	11,237	10,772
18							68	48	78 520	4 632,446	50 421,881	10,885	10,419
19							69	49	76 881	4 350,797	45 789,435	10,524	10,059
20	0	99 261	43 177,565	941 297,440	21,801	21,335	70	50	75 116	4 077,617	41 438,638	10,162	9,697
21	1	98 895	41 264,545	898 119,875	21,765	21,300	71	51	73 244	3 813,907	37 361,021	9,796	9,331
22	2	98 815	39 550,464	856 855,329	21,665	21,200	72	52	71 243	3 558,498	33 547,114	9,427	8,962
23	3	98 748	37 912,288	817 304,865	21,558	21,093	73	53	69 122	3 311,778	29 988,616	9,055	8,590
24	4	98 686	36 343,630	779 392,576	21,445	20,980	74	54	66 857	3 072,674	26 676,839	8,682	8,217
25	5	98 619	34 838,335	743 048,946	21,328	20,863	75	55	64 386	2 838,500	23 604,165	8,316	7,850
26	6	98 554	33 396,332	708 210,611	21,206	20,741	76	56	61 756	2 611,561	20 765,665	7,951	7,486
27	7	98 489	32 013,449	674 814,279	21,079	20,614	77	57	58 963	2 391,782	18 154,104	7,590	7,125
28	8	98 418	30 686,274	642 800,829	20,948	20,482	78	58	55 982	2 178,287	15 762,322	7,236	6,771
29	9	98 351	29 415,420	612 114,555	20,809	20,344	79	59	52 791	1 970,385	13 584,034	6,894	6,429
30	10	98 280	28 195,730	582 699,136	20,666	20,201	80	60	49 449	1 770,420	11 613,650	6,560	6,095
31	11	98 210	27 027,039	554 503,405	20,517	20,051	81	61	45 983	1 579,212	9 843,230	6,233	5,768
32	12	98 132	25 904,641	527 476,366	20,362	19,897	82	62	42 388	1 396,401	8 264,017	5,918	5,453
33	13	98 052	24 828,312	501 571,725	20,202	19,736	83	63	38 738	1 224,105	6 867,617	5,610	5,145
34	14	97 969	23 795,815	476 743,413	20,035	19,570	84	64	35 094	1 063,768	5 643,512	5,305	4,840
35	15	97 880	22 805,145	452 947,598	19,862	19,396	85	65	31 416	913,444	4 579,743	5,014	4,548
36	16	97 786	21 854,314	430 142,453	19,682	19,217	86	66	27 784	774,919	3 666,299	4,731	4,266
37	17	97 685	20 941,683	408 288,138	19,496	19,031	87	67	24 216	647,860	2 891,380	4,463	3,998
38	18	97 576	20 065,663	387 346,456	19,304	18,839	88	68	20 749	532,492	2 243,520	4,213	3,748
39	19	97 447	19 222,091	367 280,792	19,107	18,642	89	69	17 501	430,805	1 711,028	3,972	3,506
40	20	97 315	18 413,485	348 058,702	18,902	18,437	90	70	14 418	340,465	1 280,223	3,760	3,295
41	21	97 168	17 636,241	329 645,216	18,691	18,226	91	71	11 743	265,985	939,758	3,533	3,068
42	22	97 015	16 890,553	312 008,976	18,472	18,007	92	72	9 275	201,530	673,773	3,343	2,878
43	23	96 845	16 173,561	295 118,423	18,247	17,782	93	73	7 163	149,297	472,243	3,163	2,698
44	24	96 650	15 483,002	278 944,862	18,016	17,551	94	74	5 393	107,822	322,946	2,995	2,530
45	25	96 438	14 819,258	263 461,860	17,778	17,313	95	75	3 951	75,767	215,124	2,839	2,374
46	26	96 203	14 180,509	248 642,602	17,534	17,069	96	76	2 811	51,708	139,357	2,695	2,230
47	27	95 943	13 565,550	234 462,092	17,284	16,818	97	77	1 939	34,219	87,649	2,561	2,096
48	28	95 640	12 971,469	220 896,542	17,029	16,564	98	78	1 295	21,926	53,429	2,437	1,972
49	29	95 309	12 399,613	207 925,073	16,769	16,303	99	79	836	13,568	31,504	2,322	1,857
							100	80	520	8,099	17,936	2,215	1,749

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	29	94 968	11 851,487	195 799,470	16,521	16,056
1							51	30	94 561	11 319,602	183 947,984	16,250	15,785
2							52	31	94 087	10 803,702	172 628,382	15,979	15,513
3							53	32	93 587	10 308,271	161 824,680	15,699	15,233
4							54	33	93 038	9 829,964	151 516,409	15,414	14,949
5							55	34	92 428	9 367,402	141 686,445	15,125	14,660
6							56	35	91 763	8 920,929	132 319,043	14,832	14,367
7							57	36	91 058	8 491,492	123 398,114	14,532	14,067
8							58	37	90 283	8 075,946	114 906,622	14,228	13,763
9							59	38	89 441	7 674,486	106 830,676	13,920	13,455
10							60	39	88 538	7 287,306	99 156,190	13,607	13,141
11							61	40	87 560	6 913,004	91 868,884	13,289	12,824
12							62	41	86 521	6 552,510	84 955,880	12,965	12,500
13							63	42	85 416	6 205,051	78 403,370	12,635	12,170
14							64	43	84 261	5 871,602	72 198,318	12,296	11,831
15							65	44	82 988	5 547,155	66 326,716	11,957	11,492
16							66	45	81 646	5 234,997	60 779,561	11,610	11,145
17							67	46	80 194	4 932,249	55 544,565	11,262	10,796
18							68	47	78 649	4 640,033	50 612,316	10,908	10,443
19							69	48	77 017	4 358,505	45 972,283	10,548	10,083
20							70	49	75 271	4 086,024	41 613,778	10,184	9,719
21	0	99 208	41 395,051	898 620,155	21,708	21,243	71	50	73 405	3 822,328	37 527,754	9,818	9,353
22	1	98 842	39 560,907	857 225,104	21,668	21,203	72	51	71 418	3 567,227	33 705,426	9,449	8,983
23	2	98 763	37 917,936	817 664,197	21,564	21,099	73	52	69 312	3 320,895	30 138,200	9,075	8,610
24	3	98 697	36 347,691	779 746,261	21,452	20,987	74	53	67 058	3 081,940	26 817,305	8,701	8,236
25	4	98 630	34 842,488	743 398,570	21,336	20,871	75	54	64 592	2 847,587	23 735,365	8,335	7,870
26	5	98 564	33 399,708	708 556,082	21,214	20,749	76	55	61 976	2 620,847	20 887,778	7,970	7,505
27	6	98 497	32 016,238	675 156,374	21,088	20,623	77	56	59 186	2 400,839	18 266,931	7,609	7,143
28	7	98 426	30 688,908	643 140,136	20,957	20,492	78	57	56 207	2 187,028	15 866,092	7,255	6,789
29	8	98 359	29 417,586	612 451,228	20,819	20,354	79	58	53 025	1 979,117	13 679,064	6,912	6,446
30	9	98 287	28 197,675	583 033,642	20,677	20,211	80	59	49 684	1 778,820	11 699,947	6,577	6,112
31	10	98 217	27 028,957	554 835,966	20,527	20,062	81	60	46 233	1 587,769	9 921,127	6,248	5,783
32	11	98 140	25 906,713	527 807,009	20,373	19,908	82	61	42 633	1 404,472	8 333,358	5,933	5,468
33	12	98 060	24 830,311	501 900,296	20,213	19,748	83	62	38 983	1 231,875	6 928,887	5,625	5,159
34	13	97 977	23 797,947	477 069,985	20,047	19,581	84	63	35 332	1 070,985	5 697,011	5,319	4,854
35	14	97 891	22 807,617	453 272,038	19,874	19,408	85	64	31 648	920,207	4 626,027	5,027	4,562
36	15	97 798	21 857,064	430 464,421	19,695	19,229	86	65	28 003	781,019	3 705,820	4,745	4,280
37	16	97 700	20 944,906	408 607,357	19,509	19,043	87	66	24 425	653,450	2 924,801	4,476	4,011
38	17	97 592	20 068,884	387 662,452	19,317	18,851	88	67	20 941	537,400	2 271,351	4,227	3,761
39	18	97 469	19 226,482	367 593,568	19,119	18,654	89	68	17 672	435,030	1 733,952	3,986	3,521
40	19	97 335	18 417,289	348 367,086	18,915	18,450	90	69	14 573	344,120	1 298,922	3,775	3,309
41	20	97 190	17 640,157	329 949,797	18,704	18,239	91	70	11 881	269,108	954,802	3,548	3,083
42	21	97 035	16 894,089	312 309,640	18,486	18,021	92	71	9 396	204,159	685,694	3,359	2,893
43	22	96 867	16 177,190	295 415,551	18,261	17,796	93	72	7 269	151,490	481,535	3,179	2,713
44	23	96 672	15 486,542	279 238,361	18,031	17,566	94	73	5 483	109,605	330,045	3,011	2,546
45	24	96 458	14 822,254	263 751,819	17,794	17,329	95	74	4 026	77,204	220,440	2,855	2,390
46	25	96 225	14 183,629	248 929,565	17,550	17,085	96	75	2 873	52,842	143,237	2,711	2,245
47	26	95 966	13 568,761	234 745,936	17,300	16,835	97	76	1 988	35,079	90,395	2,577	2,112
48	27	95 666	12 974,955	221 177,175	17,046	16,581	98	77	1 332	22,551	55,316	2,453	1,988
49	28	95 333	12 402,749	208 202,220	16,787	16,322	99	78	863	14,017	32,765	2,337	1,872
							100	79	540	8,404	18,748	2,231	1,766

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	28	94 992	11 854,484	196 050,033	16,538	16,073
1							51	29	94 588	11 322,850	184 195,549	16,268	15,802
2							52	30	94 113	10 806,761	172 872,699	15,997	15,531
3							53	31	93 616	10 311,385	162 065,938	15,717	15,252
4							54	32	93 071	9 833,450	151 754,553	15,432	14,967
5							55	33	92 462	9 370,828	141 921,103	15,145	14,680
6							56	34	91 802	8 924,720	132 550,275	14,852	14,387
7							57	35	91 095	8 494,871	123 625,555	14,553	14,088
8							58	36	90 326	8 079,786	115 130,684	14,249	13,784
9							59	37	89 489	7 678,584	107 050,898	13,941	13,476
10							60	38	88 588	7 291,365	99 372,314	13,629	13,164
11							61	39	87 618	6 917,580	92 080,949	13,311	12,846
12							62	40	86 583	6 557,141	85 163,368	12,988	12,523
13							63	41	85 484	6 210,029	78 606,227	12,658	12,193
14							64	42	84 336	5 876,833	72 396,198	12,319	11,854
15							65	43	83 073	5 552,840	66 519,366	11,979	11,514
16							66	44	81 738	5 240,883	60 966,525	11,633	11,168
17							67	45	80 296	4 938,517	55 725,642	11,284	10,819
18							68	46	78 760	4 646,580	50 787,125	10,930	10,465
19							69	47	77 143	4 365,643	46 140,545	10,569	10,104
20							70	48	75 404	4 093,263	41 774,901	10,206	9,741
21							71	49	73 557	3 830,209	37 681,639	9,838	9,373
22	0	99 154	39 686,025	857 689,534	21,612	21,147	72	50	71 576	3 575,103	33 851,430	9,469	9,003
23	1	98 789	37 927,948	818 003,509	21,567	21,102	73	51	69 482	3 329,040	30 276,327	9,095	8,629
24	2	98 711	36 353,106	780 075,561	21,458	20,993	74	52	67 243	3 090,424	26 947,287	8,720	8,254
25	3	98 641	34 846,381	743 722,456	21,343	20,878	75	53	64 787	2 856,174	23 856,863	8,353	7,888
26	4	98 576	33 403,689	708 876,074	21,221	20,756	76	54	62 174	2 629,238	21 000,689	7,987	7,522
27	5	98 507	32 019,474	675 472,385	21,096	20,630	77	55	59 397	2 409,375	18 371,451	7,625	7,160
28	6	98 435	30 691,581	643 452,911	20,965	20,500	78	56	56 419	2 195,309	15 962,075	7,271	6,806
29	7	98 367	29 420,111	612 761,330	20,828	20,363	79	57	53 238	1 987,059	13 766,767	6,928	6,463
30	8	98 294	28 199,752	583 341,219	20,686	20,221	80	58	49 904	1 786,703	11 779,708	6,593	6,128
31	9	98 224	27 030,822	555 141,467	20,537	20,072	81	59	46 452	1 595,302	9 993,005	6,264	5,799
32	10	98 147	25 908,552	528 110,645	20,384	19,918	82	60	42 864	1 412,082	8 397,702	5,947	5,482
33	11	98 068	24 832,296	502 202,093	20,224	19,759	83	61	39 209	1 238,996	6 985,620	5,638	5,173
34	12	97 985	23 799,863	477 369,796	20,058	19,592	84	62	35 557	1 077,783	5 746,625	5,332	4,867
35	13	97 900	22 809,660	453 569,934	19,885	19,420	85	63	31 863	926,449	4 668,842	5,040	4,574
36	14	97 809	21 859,433	430 760,273	19,706	19,241	86	64	28 210	786,801	3 742,393	4,756	4,291
37	15	97 712	20 947,541	408 900,840	19,520	19,055	87	65	24 617	658,594	2 955,592	4,488	4,023
38	16	97 607	20 071,972	387 953,300	19,328	18,863	88	66	21 121	542,036	2 296,998	4,238	3,773
39	17	97 485	19 229,568	367 881,327	19,131	18,666	89	67	17 835	439,039	1 754,962	3,997	3,532
40	18	97 357	18 421,497	348 651,759	18,926	18,461	90	68	14 716	347,495	1 315,923	3,787	3,322
41	19	97 210	17 643,801	330 230,263	18,717	18,251	91	69	12 008	271,997	968,428	3,560	3,095
42	20	97 057	16 897,840	312 586,462	18,499	18,033	92	70	9 507	206,556	696,431	3,372	2,906
43	21	96 887	16 180,576	295 688,622	18,274	17,809	93	71	7 364	153,467	489,876	3,192	2,727
44	22	96 694	15 490,017	279 508,045	18,044	17,579	94	72	5 563	111,215	336,409	3,025	2,560
45	23	96 480	14 825,643	264 018,028	17,808	17,343	95	73	4 092	78,480	225,194	2,869	2,404
46	24	96 244	14 186,497	249 192,386	17,565	17,100	96	74	2 927	53,844	146,715	2,725	2,260
47	25	95 987	13 571,747	235 005,888	17,316	16,851	97	75	2 032	35,848	92,871	2,591	2,125
48	26	95 688	12 978,026	221 434,142	17,062	16,597	98	76	1 366	23,117	57,023	2,467	2,001
49	27	95 359	12 406,082	208 456,115	16,803	16,338	99	77	888	14,417	33,906	2,352	1,887
							100	78	557	8,682	19,489	2,245	1,780

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$
0							50	27	95 017	11 857,670	196 279,523	16,553	16,088
1							51	28	94 612	11 325,714	184 421,853	16,283	15,818
2							52	29	94 140	10 809,862	173 096,139	16,013	15,548
3							53	30	93 642	10 314,304	162 286,276	15,734	15,269
4							54	31	93 099	9 836,421	151 971,972	15,450	14,985
5							55	32	92 494	9 374,151	142 135,551	15,162	14,697
6							56	33	91 836	8 927,985	132 761,400	14,870	14,405
7							57	34	91 133	8 498,481	123 833,416	14,571	14,106
8							58	35	90 362	8 083,001	115 334,935	14,269	13,804
9							59	36	89 531	7 682,235	107 251,934	13,961	13,496
10							60	37	88 635	7 295,259	99 569,699	13,649	13,183
11							61	38	87 667	6 921,434	92 274,441	13,332	12,866
12							62	39	86 640	6 561,482	85 353,007	13,008	12,543
13							63	40	85 545	6 214,418	78 791,525	12,679	12,214
14							64	41	84 403	5 881,547	72 577,108	12,340	11,875
15							65	42	83 147	5 557,787	66 695,561	12,000	11,535
16							66	43	81 822	5 246,255	61 137,773	11,654	11,188
17							67	44	80 386	4 944,070	55 891,519	11,305	10,840
18							68	45	78 860	4 652,485	50 947,448	10,951	10,485
19							69	46	77 252	4 371,804	46 294,963	10,589	10,124
20							70	47	75 527	4 099,967	41 923,159	10,225	9,760
21							71	48	73 687	3 836,994	37 823,193	9,858	9,392
22							72	49	71 723	3 582,474	33 986,198	9,487	9,022
23	0	99 101	38 047,901	818 434,789	21,511	21,045	73	50	69 635	3 336,390	30 403,724	9,113	8,648
24	1	98 737	36 362,704	780 386,889	21,461	20,996	74	51	67 408	3 098,004	27 067,334	8,737	8,272
25	2	98 656	34 851,572	744 024,184	21,348	20,883	75	52	64 966	2 864,037	23 969,330	8,369	7,904
26	3	98 587	33 407,422	709 172,612	21,228	20,763	76	53	62 362	2 637,167	21 105,293	8,003	7,538
27	4	98 519	32 023,291	675 765,190	21,102	20,637	77	54	59 587	2 417,089	18 468,126	7,641	7,175
28	5	98 445	30 694,683	643 741,900	20,972	20,507	78	55	56 620	2 203,115	16 051,037	7,286	6,820
29	6	98 376	29 422,674	613 047,217	20,836	20,371	79	56	53 439	1 994,583	13 847,922	6,943	6,478
30	7	98 302	28 202,173	583 624,543	20,694	20,229	80	57	50 104	1 793,873	11 853,340	6,608	6,142
31	8	98 231	27 032,813	555 422,370	20,546	20,081	81	58	46 658	1 602,372	10 059,467	6,278	5,813
32	9	98 154	25 910,339	528 389,557	20,393	19,928	82	59	43 068	1 418,781	8 457,095	5,961	5,496
33	10	98 075	24 834,059	502 479,218	20,233	19,768	83	60	39 421	1 245,709	7 038,313	5,650	5,185
34	11	97 993	23 801,766	477 645,159	20,068	19,602	84	61	35 762	1 084,012	5 792,604	5,344	4,878
35	12	97 908	22 811,497	453 843,393	19,895	19,430	85	62	32 065	932,330	4 708,592	5,050	4,585
36	13	97 817	21 861,391	431 031,896	19,717	19,251	86	63	28 402	792,139	3 776,262	4,767	4,302
37	14	97 722	20 949,811	409 170,505	19,531	19,066	87	64	24 799	663,470	2 984,124	4,498	4,033
38	15	97 619	20 074,498	388 220,694	19,339	18,874	88	65	21 288	546,303	2 320,654	4,248	3,783
39	16	97 500	19 232,527	368 146,196	19,142	18,677	89	66	17 989	442,827	1 774,351	4,007	3,542
40	17	97 373	18 424,453	348 913,669	18,938	18,472	90	67	14 852	350,697	1 331,524	3,797	3,332
41	18	97 232	17 647,832	330 489,215	18,727	18,262	91	68	12 126	274,664	980,826	3,571	3,106
42	19	97 077	16 901,331	312 841,384	18,510	18,045	92	69	9 609	208,773	706,163	3,382	2,917
43	20	96 908	16 184,169	295 940,053	18,286	17,821	93	70	7 450	155,268	497,389	3,203	2,738
44	21	96 714	15 493,260	279 755,884	18,057	17,591	94	71	5 636	112,666	342,121	3,037	2,571
45	22	96 501	14 828,969	264 262,624	17,821	17,355	95	72	4 153	79,633	229,455	2,881	2,416
46	23	96 266	14 189,741	249 433,655	17,578	17,113	96	73	2 975	54,734	149,823	2,737	2,272
47	24	96 006	13 574,491	235 243,914	17,330	16,865	97	74	2 070	36,527	95,089	2,603	2,138
48	25	95 710	12 980,882	221 669,424	17,077	16,611	98	75	1 396	23,624	58,562	2,479	2,014
49	26	95 382	12 409,019	208 688,542	16,817	16,352	99	76	910	14,779	34,938	2,364	1,899
							100	77	573	8,930	20,158	2,257	1,792

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	26	95 040	11 860,477	196 489,542	16,567	16,102
1							51	27	94 637	11 328,758	184 629,065	16,297	15,832
2							52	28	94 164	10 812,597	173 300,307	16,028	15,562
3							53	29	93 669	10 317,264	162 487,711	15,749	15,284
4							54	30	93 125	9 839,206	152 170,446	15,466	15,001
5							55	31	92 522	9 376,983	142 331,241	15,179	14,714
6							56	32	91 869	8 931,151	132 954,258	14,887	14,421
7							57	33	91 167	8 501,589	124 023,107	14,588	14,123
8							58	34	90 400	8 086,436	115 521,518	14,286	13,821
9							59	35	89 567	7 685,292	107 435,082	13,979	13,514
10							60	36	88 677	7 298,727	99 749,791	13,667	13,202
11							61	37	87 714	6 925,129	92 451,063	13,350	12,885
12							62	38	86 688	6 565,137	85 525,934	13,027	12,562
13							63	39	85 601	6 218,531	78 960,797	12,698	12,232
14							64	40	84 463	5 885,704	72 742,266	12,359	11,894
15							65	41	83 214	5 562,245	66 856,562	12,020	11,554
16							66	42	81 895	5 250,929	61 294,317	11,673	11,208
17							67	43	80 468	4 949,138	56 043,388	11,324	10,859
18							68	44	78 949	4 657,717	51 094,250	10,970	10,505
19							69	45	77 350	4 377,360	46 436,534	10,608	10,143
20							70	46	75 634	4 105,752	42 059,174	10,244	9,779
21							71	47	73 808	3 843,278	37 953,422	9,875	9,410
22							72	48	71 850	3 588,821	34 110,144	9,505	9,039
23							73	49	69 779	3 343,269	30 521,323	9,129	8,664
24	0	99 050	36 477,707	780 787,504	21,405	20,939	74	50	67 557	3 104,844	27 178,054	8,753	8,288
25	1	98 682	34 860,774	744 309,797	21,351	20,886	75	51	65 125	2 871,062	24 073,209	8,385	7,920
26	2	98 602	33 412,398	709 449,022	21,233	20,768	76	52	62 533	2 644,427	21 202,147	8,018	7,552
27	3	98 530	32 026,869	676 036,624	21,108	20,643	77	53	59 766	2 424,378	18 557,721	7,655	7,189
28	4	98 457	30 698,342	644 009,755	20,979	20,513	78	54	56 801	2 210,168	16 133,343	7,300	6,834
29	5	98 386	29 425,648	613 311,413	20,843	20,378	79	55	53 629	2 001,675	13 923,175	6,956	6,491
30	6	98 311	28 204,629	583 885,765	20,702	20,237	80	56	50 294	1 800,665	11 921,500	6,621	6,155
31	7	98 240	27 035,133	555 681,136	20,554	20,089	81	57	46 845	1 608,802	10 120,835	6,291	5,826
32	8	98 161	25 912,248	528 646,003	20,401	19,936	82	58	43 259	1 425,069	8 512,033	5,973	5,508
33	9	98 082	24 835,772	502 733,756	20,242	19,777	83	59	39 608	1 251,619	7 086,963	5,662	5,197
34	10	98 000	23 803,456	477 897,983	20,077	19,612	84	60	35 956	1 089,886	5 835,344	5,354	4,889
35	11	97 915	22 813,321	454 094,528	19,905	19,440	85	61	32 251	937,719	4 745,458	5,061	4,595
36	12	97 825	21 863,151	431 281,207	19,726	19,261	86	62	28 582	797,167	3 807,739	4,777	4,311
37	13	97 731	20 951,688	409 418,056	19,541	19,076	87	63	24 967	667,970	3 010,573	4,507	4,042
38	14	97 630	20 076,674	388 466,368	19,349	18,884	88	64	21 445	550,348	2 342,602	4,257	3,791
39	15	97 512	19 234,947	368 389,694	19,152	18,687	89	65	18 130	446,313	1 792,255	4,016	3,550
40	16	97 388	18 427,289	349 154,747	18,948	18,482	90	66	14 980	353,723	1 345,942	3,805	3,340
41	17	97 248	17 650,664	330 727,458	18,737	18,272	91	67	12 238	277,195	992,219	3,579	3,114
42	18	97 099	16 905,192	313 076,794	18,520	18,054	92	68	9 703	210,821	715,023	3,392	2,926
43	19	96 928	16 187,512	296 171,602	18,296	17,831	93	69	7 530	156,935	504,203	3,213	2,748
44	20	96 736	15 496,700	279 984,090	18,067	17,602	94	70	5 702	113,988	347,268	3,047	2,581
45	21	96 522	14 832,074	264 487,390	17,832	17,367	95	71	4 207	80,671	233,279	2,892	2,427
46	22	96 288	14 192,924	249 655,316	17,590	17,125	96	72	3 019	55,538	152,608	2,748	2,283
47	23	96 028	13 577,594	235 462,392	17,342	16,877	97	73	2 104	37,131	97,070	2,614	2,149
48	24	95 729	12 983,506	221 884,797	17,090	16,625	98	74	1 422	24,072	59,939	2,490	2,025
49	25	95 403	12 411,749	208 901,291	16,831	16,366	99	75	930	15,103	35,867	2,375	1,910
							100	76	588	9,154	20,764	2,268	1,803

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	25	95 061	11 863,086	196 681,715	16,579	16,114
1							51	26	94 660	11 331,440	184 818,629	16,310	15,845
2							52	27	94 189	10 815,502	173 487,189	16,041	15,575
3							53	28	93 693	10 319,874	162 671,687	15,763	15,298
4							54	29	93 152	9 842,030	152 351,813	15,480	15,014
5							55	30	92 549	9 379,638	142 509,784	15,194	14,728
6							56	31	91 896	8 933,849	133 130,146	14,902	14,437
7							57	32	91 199	8 504,604	124 196,297	14,603	14,138
8							58	33	90 433	8 089,393	115 691,693	14,302	13,836
9							59	34	89 605	7 688,558	107 602,300	13,995	13,530
10							60	35	88 712	7 301,632	99 913,742	13,684	13,219
11							61	36	87 755	6 928,422	92 612,110	13,367	12,902
12							62	37	86 734	6 568,642	85 683,689	13,044	12,579
13							63	38	85 649	6 221,995	79 115,046	12,715	12,250
14							64	39	84 519	5 889,600	72 893,051	12,377	11,911
15							65	40	83 272	5 566,176	67 003,451	12,038	11,572
16							66	41	81 960	5 255,141	61 437,275	11,691	11,226
17							67	42	80 540	4 953,547	56 182,134	11,342	10,877
18							68	43	79 030	4 662,491	51 228,587	10,987	10,522
19							69	44	77 437	4 382,282	46 566,097	10,626	10,161
20							70	45	75 730	4 110,970	42 183,815	10,261	9,796
21							71	46	73 912	3 848,702	38 072,845	9,892	9,427
22							72	47	71 968	3 594,698	34 224,143	9,521	9,056
23							73	48	69 903	3 349,192	30 629,445	9,145	8,680
24							74	49	67 696	3 111,246	27 280,253	8,768	8,303
25	0	98 994	34 971,027	744 682,029	21,294	20,829	75	50	65 269	2 877,401	24 169,007	8,400	7,934
26	1	98 628	33 421,220	709 711,002	21,235	20,770	76	51	62 687	2 650,913	21 291,606	8,032	7,567
27	2	98 545	32 031,640	676 289,781	21,113	20,648	77	52	59 931	2 431,052	18 640,693	7,668	7,203
28	3	98 468	30 701,772	644 258,142	20,984	20,519	78	53	56 973	2 216,833	16 209,641	7,312	6,847
29	4	98 397	29 429,155	613 556,370	20,849	20,383	79	54	53 801	2 008,083	13 992,808	6,968	6,503
30	5	98 321	28 207,480	584 127,214	20,708	20,243	80	55	50 473	1 807,068	11 984,725	6,632	6,167
31	6	98 248	27 037,488	555 919,734	20,561	20,096	81	56	47 022	1 614,894	10 177,657	6,302	5,837
32	7	98 169	25 914,472	528 882,246	20,409	19,944	82	57	43 432	1 430,788	8 562,763	5,985	5,519
33	8	98 089	24 837,601	502 967,774	20,250	19,785	83	58	39 784	1 257,166	7 131,976	5,673	5,208
34	9	98 007	23 805,098	478 130,173	20,085	19,620	84	59	36 127	1 095,057	5 874,809	5,365	4,900
35	10	97 922	22 814,940	454 325,075	19,913	19,448	85	60	32 425	942,800	4 779,752	5,070	4,605
36	11	97 833	21 864,900	431 510,135	19,735	19,270	86	61	28 747	801,774	3 836,953	4,786	4,320
37	12	97 739	20 953,375	409 645,235	19,550	19,085	87	62	25 126	672,210	3 035,178	4,515	4,050
38	13	97 638	20 078,472	388 691,861	19,359	18,893	88	63	21 591	554,081	2 362,968	4,265	3,799
39	14	97 522	19 237,032	368 613,388	19,162	18,696	89	64	18 265	449,617	1 808,887	4,023	3,558
40	15	97 400	18 429,607	349 376,356	18,957	18,492	90	65	15 098	356,508	1 359,270	3,813	3,348
41	16	97 263	17 653,381	330 946,749	18,747	18,282	91	66	12 344	279,587	1 002,762	3,587	3,121
42	17	97 115	16 907,905	313 293,369	18,529	18,064	92	67	9 793	212,764	723,175	3,399	2,934
43	18	96 951	16 191,211	296 385,464	18,305	17,840	93	68	7 604	158,474	510,412	3,221	2,756
44	19	96 756	15 499,901	280 194,253	18,077	17,612	94	69	5 763	115,212	351,938	3,055	2,589
45	20	96 543	14 835,367	264 694,352	17,842	17,377	95	70	4 256	81,619	236,725	2,900	2,435
46	21	96 308	14 195,896	249 858,985	17,601	17,136	96	71	3 059	56,262	155,107	2,757	2,292
47	22	96 050	13 580,641	235 663,089	17,353	16,888	97	72	2 135	37,677	98,845	2,623	2,158
48	23	95 751	12 986,475	222 082,449	17,101	16,636	98	73	1 446	24,470	61,168	2,500	2,035
49	24	95 422	12 414,259	209 095,974	16,843	16,378	99	74	948	15,390	36,698	2,385	1,919
							100	75	601	9,355	21,308	2,278	1,813

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß 4,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	0	100 000	100 000,000	2 191 771,144	21,918	21,452	50	50	93 336	10 333,144	155 427,758	15,042	14,576
1	1	99 299	95 023,128	2 091 771,144	22,013	21,548	51	51	92 757	9 826,919	145 094,615	14,765	14,299
2	2	99 240	90 877,475	1 996 748,016	21,972	21,506	52	52	92 093	9 336,360	135 267,696	14,488	14,023
3	3	99 207	86 934,726	1 905 870,541	21,923	21,457	53	53	91 380	8 865,186	125 931,335	14,205	13,740
4	4	99 182	83 170,263	1 818 935,815	21,870	21,404	54	54	90 602	8 411,240	117 066,150	13,918	13,452
5	5	99 157	79 568,715	1 735 765,552	21,815	21,349	55	55	89 754	7 973,659	108 654,910	13,627	13,161
6	6	99 136	76 126,390	1 656 196,836	21,756	21,290	56	56	88 831	7 551,816	100 681,250	13,332	12,866
7	7	99 117	72 834,180	1 580 070,446	21,694	21,228	57	57	87 851	7 146,880	93 129,434	13,031	12,565
8	8	99 101	69 686,055	1 507 236,267	21,629	21,163	58	58	86 796	6 756,985	85 982,554	12,725	12,259
9	9	99 085	66 674,755	1 437 550,211	21,561	21,095	59	59	85 653	6 380,872	79 225,569	12,416	11,950
10	10	99 070	63 794,182	1 370 875,456	21,489	21,023	60	60	84 435	6 019,269	72 844,697	12,102	11,636
11	11	99 055	61 037,276	1 307 081,274	21,414	20,949	61	61	83 107	5 669,487	66 825,428	11,787	11,321
12	12	99 038	58 399,194	1 246 043,998	21,337	20,871	62	62	81 707	5 333,942	61 155,941	11,465	11,000
13	13	99 019	55 873,679	1 187 644,805	21,256	20,790	63	63	80 218	5 011,249	55 821,999	11,139	10,674
14	14	98 999	53 456,917	1 131 771,126	21,172	20,706	64	64	78 670	4 702,920	50 810,750	10,804	10,338
15	15	98 974	51 141,723	1 078 314,209	21,085	20,619	65	65	76 991	4 404,355	46 107,831	10,469	10,003
16	16	98 944	48 924,580	1 027 172,486	20,995	20,529	66	66	75 240	4 118,805	41 703,476	10,125	9,660
17	17	98 903	46 798,419	978 247,907	20,903	20,438	67	67	73 362	3 843,086	37 584,671	9,780	9,314
18	18	98 853	44 760,821	931 449,487	20,809	20,344	68	68	71 392	3 578,854	33 741,586	9,428	8,962
19	19	98 783	42 802,919	886 688,667	20,716	20,250	69	69	69 345	3 326,542	30 162,732	9,067	8,602
20	20	98 714	40 931,259	843 885,748	20,617	20,152	70	70	67 172	3 083,524	26 836,189	8,703	8,237
21	21	98 639	39 138,910	802 954,489	20,516	20,050	71	71	64 881	2 850,095	23 752,665	8,334	7,868
22	22	98 566	37 425,428	763 815,578	20,409	19,943	72	72	62 449	2 625,130	20 902,570	7,962	7,497
23	23	98 491	35 786,746	726 390,150	20,298	19,832	73	73	59 876	2 408,604	18 277,440	7,588	7,123
24	24	98 417	34 219,963	690 603,403	20,181	19,716	74	74	57 144	2 199,723	15 868,836	7,214	6,748
25	25	98 342	32 721,437	656 383,440	20,060	19,594	75	75	54 182	1 995,865	13 669,113	6,849	6,383
26	26	98 266	31 288,293	623 662,003	19,933	19,467	76	76	51 034	1 798,967	11 673,248	6,489	6,023
27	27	98 186	29 916,472	592 373,710	19,801	19,335	77	77	47 712	1 609,445	9 874,281	6,135	5,670
28	28	98 098	28 602,396	562 457,238	19,665	19,199	78	78	44 221	1 427,441	8 264,836	5,790	5,324
29	29	98 014	27 347,349	533 854,842	19,521	19,056	79	79	40 542	1 252,331	6 837,395	5,460	4,994
30	30	97 921	26 145,000	506 507,492	19,373	18,907	80	80	36 771	1 086,924	5 585,064	5,138	4,673
31	31	97 831	24 996,052	480 362,493	19,218	18,752	81	81	32 943	931,841	4 498,140	4,827	4,362
32	32	97 732	23 895,375	455 366,441	19,057	18,591	82	82	29 089	787,404	3 566,299	4,529	4,064
33	33	97 625	22 841,479	431 471,065	18,890	18,424	83	83	25 277	654,756	2 778,895	4,244	3,779
34	34	97 515	21 833,204	408 629,586	18,716	18,250	84	84	21 610	535,645	2 124,139	3,966	3,500
35	35	97 396	20 867,579	386 796,382	18,536	18,070	85	85	18 078	428,820	1 588,493	3,704	3,239
36	36	97 276	19 944,265	365 928,803	18,348	17,882	86	86	14 781	335,506	1 159,673	3,456	2,991
37	37	97 144	19 059,548	345 984,539	18,153	17,687	87	87	11 769	255,645	824,167	3,224	2,758
38	38	97 000	18 211,771	326 924,991	17,951	17,486	88	88	9 075	188,641	568,522	3,014	2,548
39	39	96 839	17 398,684	308 713,220	17,743	17,278	89	89	6 784	134,944	379,881	2,815	2,349
40	40	96 664	16 619,344	291 314,535	17,529	17,063	90	90	4 850	92,316	244,936	2,653	2,188
41	41	96 472	15 872,059	274 695,192	17,307	16,841	91	91	3 378	61,525	152,621	2,481	2,015
42	42	96 263	15 155,615	258 823,133	17,078	16,612	92	92	2 223	38,740	91,096	2,351	1,886
43	43	96 030	14 467,911	243 667,518	16,842	16,376	93	93	1 412	23,554	52,356	2,223	1,757
44	44	95 760	13 806,051	229 199,607	16,601	16,136	94	94	857	13,675	28,802	2,106	1,641
45	45	95 463	13 170,440	215 393,556	16,354	15,889	95	95	495	7,562	15,127	2,000	1,535
46	46	95 130	12 559,415	202 223,116	16,101	15,636	96	96	272	3,972	7,565	1,905	1,439
47	47	94 761	11 971,957	189 663,701	15,842	15,377	97	97	141	1,977	3,593	1,818	1,352
48	48	94 333	11 404,668	177 691,744	15,581	15,115	98	98	69	0,929	1,616	1,739	1,273
49	49	93 864	10 859,318	166 287,076	15,313	14,847	99	99	32	0,412	0,687	1,668	1,202
							100	100	14	0,172	0,275	1,603	1,137

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	1	99 685	99 684,731	2 189 546,882	21,965	21,499	50	51	93 130	10 310,380	154 007,013	14,937	14,471
1	2	99 273	94 998,045	2 089 862,151	21,999	21,533	51	52	92 530	9 802,874	143 696,633	14,659	14,193
2	3	99 226	90 863,939	1 994 864,105	21,954	21,489	52	53	91 840	9 310,729	133 893,759	14,381	13,915
3	4	99 196	86 925,013	1 904 000,166	21,904	21,438	53	54	91 105	8 838,532	124 583,030	14,095	13,630
4	5	99 170	83 160,351	1 817 075,153	21,850	21,385	54	55	90 313	8 384,398	115 744,498	13,805	13,339
5	6	99 147	79 560,673	1 733 914,802	21,794	21,328	55	56	89 436	7 945,407	107 360,100	13,512	13,047
6	7	99 128	76 119,760	1 654 354,129	21,734	21,268	56	57	88 496	7 523,329	99 414,693	13,214	12,749
7	8	99 109	72 827,928	1 578 234,369	21,671	21,205	57	58	87 500	7 118,317	91 891,364	12,909	12,444
8	9	99 093	69 680,923	1 505 406,441	21,604	21,139	58	59	86 413	6 727,171	84 773,046	12,602	12,136
9	10	99 078	66 670,156	1 435 725,517	21,535	21,069	59	60	85 248	6 350,741	78 045,875	12,289	11,824
10	11	99 063	63 789,654	1 369 055,361	21,462	20,996	60	61	83 980	5 986,829	71 695,134	11,975	11,510
11	12	99 047	61 032,395	1 305 265,707	21,386	20,921	61	62	82 629	5 636,906	65 708,305	11,657	11,191
12	13	99 030	58 394,493	1 244 233,312	21,307	20,842	62	63	81 191	5 300,298	60 071,399	11,334	10,868
13	14	99 010	55 868,674	1 185 838,820	21,225	20,760	63	64	79 678	4 977,483	54 771,101	11,004	10,538
14	15	98 989	53 451,123	1 129 970,146	21,140	20,675	64	65	78 092	4 668,356	49 793,618	10,666	10,201
15	16	98 961	51 135,290	1 076 519,023	21,052	20,587	65	66	76 390	4 369,958	45 125,262	10,326	9,861
16	17	98 928	48 917,052	1 025 383,734	20,962	20,496	66	67	74 596	4 083,571	40 755,304	9,980	9,515
17	18	98 887	46 790,910	976 466,682	20,869	20,403	67	68	72 692	3 807,989	36 671,733	9,630	9,165
18	19	98 831	44 750,597	929 675,772	20,775	20,309	68	69	70 699	3 544,101	32 863,744	9,273	8,807
19	20	98 763	42 794,079	884 925,176	20,679	20,213	69	70	68 609	3 291,209	29 319,643	8,908	8,443
20	21	98 693	40 922,173	842 131,097	20,579	20,113	70	71	66 392	3 047,741	26 028,434	8,540	8,075
21	22	98 619	39 130,719	801 208,924	20,475	20,010	71	72	64 045	2 813,394	22 980,693	8,168	7,703
22	23	98 543	37 417,033	762 078,205	20,367	19,902	72	73	61 545	2 587,124	20 167,299	7,795	7,330
23	24	98 469	35 778,566	724 661,173	20,254	19,788	73	74	58 903	2 369,437	17 580,175	7,420	6,954
24	25	98 397	34 213,046	688 882,606	20,135	19,669	74	75	56 081	2 158,791	15 210,737	7,046	6,580
25	26	98 321	32 714,239	654 669,560	20,012	19,546	75	76	53 019	1 953,037	13 051,946	6,683	6,217
26	27	98 243	31 280,888	621 955,321	19,883	19,417	76	77	49 784	1 754,905	11 098,908	6,325	5,859
27	28	98 160	29 908,435	590 674,433	19,749	19,284	77	78	46 390	1 564,825	9 344,003	5,971	5,506
28	29	98 073	28 595,163	560 765,998	19,611	19,145	78	79	42 803	1 381,666	7 779,178	5,630	5,165
29	30	97 986	27 339,503	532 170,835	19,465	19,000	79	80	39 070	1 206,864	6 397,512	5,301	4,835
30	31	97 894	26 137,600	504 831,332	19,314	18,849	80	81	35 235	1 041,528	5 190,648	4,984	4,518
31	32	97 801	24 988,503	478 693,732	19,157	18,691	81	82	31 375	887,494	4 149,120	4,675	4,209
32	33	97 697	23 886,905	453 705,229	18,994	18,528	82	83	27 485	743,983	3 261,626	4,384	3,918
33	34	97 589	22 833,128	429 818,324	18,824	18,359	83	84	23 692	613,696	2 517,643	4,102	3,637
34	35	97 474	21 823,930	406 985,197	18,649	18,183	84	85	20 047	496,910	1 903,947	3,832	3,366
35	36	97 358	20 859,278	385 161,267	18,465	17,999	85	86	16 582	393,334	1 407,037	3,577	3,112
36	37	97 230	19 934,787	364 301,988	18,275	17,809	86	87	13 388	303,894	1 013,704	3,336	2,870
37	38	97 092	19 049,376	344 367,201	18,078	17,612	87	88	10 495	227,961	709,810	3,114	2,648
38	39	96 946	18 201,632	325 317,825	17,873	17,407	88	89	7 966	165,573	481,849	2,910	2,445
39	40	96 775	17 387,174	307 116,193	17,663	17,198	89	90	5 824	115,847	316,276	2,730	2,264
40	41	96 596	16 607,606	289 729,019	17,446	16,980	90	91	4 099	78,026	200,429	2,569	2,103
41	42	96 395	15 859,337	273 121,412	17,221	16,756	91	92	2 778	50,593	122,403	2,419	1,954
42	43	96 177	15 142,125	257 262,075	16,990	16,524	92	93	1 802	31,409	71,811	2,286	1,821
43	44	95 932	14 453,097	242 119,950	16,752	16,287	93	94	1 119	18,672	40,401	2,164	1,698
44	45	95 653	13 790,545	227 666,853	16,509	16,043	94	95	663	10,586	21,729	2,053	1,587
45	46	95 341	13 153,724	213 876,308	16,260	15,794	95	96	374	5,709	11,143	1,952	1,486
46	47	94 996	12 541,717	200 722,585	16,004	15,539	96	97	200	2,921	5,434	1,861	1,395
47	48	94 606	11 952,381	188 180,867	15,744	15,279	97	98	101	1,414	2,513	1,778	1,312
48	49	94 166	11 384,500	176 228,486	15,480	15,014	98	99	48	0,646	1,100	1,703	1,237
49	50	93 671	10 836,973	164 843,986	15,211	14,746	99	100	22	0,278	0,454	1,635	1,169

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	2	99 658	99 658,418	2 187 481,003	21,950	21,484	50	52	92 902	10 285,152	152 475,844	14,825	14,359
1	3	99 258	94 983,896	2 087 822,584	21,981	21,515	51	53	92 276	9 775,962	142 190,692	14,545	14,079
2	4	99 215	90 853,787	1 992 838,688	21,935	21,469	52	54	91 564	9 282,736	132 414,730	14,265	13,799
3	5	99 184	86 914,653	1 901 984,902	21,883	21,418	53	55	90 815	8 810,326	123 131,994	13,976	13,510
4	6	99 160	83 151,946	1 815 070,248	21,828	21,363	54	56	89 993	8 354,691	114 321,668	13,684	13,218
5	7	99 138	79 553,744	1 731 918,303	21,770	21,305	55	57	89 099	7 915,436	105 966,977	13,387	12,922
6	8	99 119	76 113,227	1 652 364,559	21,709	21,244	56	58	88 142	7 493,262	98 051,542	13,085	12,620
7	9	99 101	72 822,565	1 576 251,332	21,645	21,179	57	59	87 113	7 086,909	90 558,280	12,778	12,313
8	10	99 086	69 676,117	1 503 428,767	21,577	21,112	58	60	86 005	6 695,405	83 471,371	12,467	12,001
9	11	99 071	66 665,424	1 433 752,650	21,507	21,041	59	61	84 789	6 316,515	76 775,965	12,155	11,689
10	12	99 055	63 784,553	1 367 087,226	21,433	20,967	60	62	83 497	5 952,424	70 459,451	11,837	11,371
11	13	99 039	61 027,482	1 303 302,673	21,356	20,890	61	63	82 108	5 601,351	64 507,027	11,516	11,051
12	14	99 021	58 389,262	1 242 275,191	21,276	20,810	62	64	80 644	5 264,585	58 905,676	11,189	10,723
13	15	99 000	55 862,618	1 183 885,929	21,193	20,727	63	65	79 092	4 940,902	53 641,091	10,857	10,391
14	16	98 976	53 444,399	1 128 023,311	21,106	20,641	64	66	77 482	4 631,897	48 700,189	10,514	10,048
15	17	98 946	51 127,421	1 074 578,912	21,018	20,552	65	67	75 736	4 332,576	44 068,292	10,171	9,706
16	18	98 913	48 909,202	1 023 451,490	20,926	20,460	66	68	73 915	4 046,279	39 735,717	9,820	9,355
17	19	98 864	46 780,222	974 542,289	20,832	20,367	67	69	71 986	3 771,011	35 689,438	9,464	8,999
18	20	98 810	44 741,354	927 762,067	20,736	20,271	68	70	69 948	3 506,457	31 918,426	9,103	8,637
19	21	98 741	42 784,579	883 020,713	20,639	20,173	69	71	67 813	3 253,016	28 411,969	8,734	8,268
20	22	98 672	40 913,608	840 236,134	20,537	20,071	70	72	65 537	3 008,494	25 158,954	8,363	7,897
21	23	98 597	39 121,941	799 322,526	20,432	19,966	71	73	63 118	2 772,662	22 150,459	7,989	7,523
22	24	98 521	37 408,480	760 200,585	20,322	19,856	72	74	60 544	2 545,055	19 377,797	7,614	7,148
23	25	98 449	35 771,334	722 792,105	20,206	19,740	73	75	57 807	2 325,348	16 832,742	7,239	6,773
24	26	98 376	34 205,520	687 020,771	20,085	19,619	74	76	54 878	2 112,468	14 507,394	6,868	6,402
25	27	98 297	32 706,497	652 815,251	19,960	19,494	75	77	51 721	1 905,202	12 394,926	6,506	6,040
26	28	98 217	31 272,485	620 108,754	19,829	19,364	76	78	48 404	1 706,253	10 489,724	6,148	5,682
27	29	98 135	29 900,872	588 836,270	19,693	19,227	77	79	44 902	1 514,644	8 783,471	5,799	5,333
28	30	98 045	28 586,959	558 935,398	19,552	19,086	78	80	41 249	1 331,503	7 268,827	5,459	4,993
29	31	97 958	27 331,765	530 348,439	19,404	18,938	79	81	37 438	1 156,459	5 937,324	5,134	4,668
30	32	97 864	26 129,706	503 016,674	19,251	18,785	80	82	33 558	991,961	4 780,865	4,820	4,354
31	33	97 767	24 979,645	476 886,968	19,091	18,625	81	83	29 645	838,554	3 788,904	4,518	4,053
32	34	97 661	23 878,171	451 907,323	18,926	18,460	82	84	25 762	697,327	2 950,350	4,231	3,765
33	35	97 548	22 823,429	428 029,152	18,754	18,288	83	85	21 979	569,316	2 253,023	3,957	3,492
34	36	97 435	21 815,249	405 205,724	18,574	18,109	84	86	18 388	455,788	1 683,708	3,694	3,228
35	37	97 311	20 849,366	383 390,474	18,389	17,923	85	87	15 020	356,273	1 227,920	3,447	2,981
36	38	97 178	19 924,148	362 541,109	18,196	17,730	86	88	11 938	270,985	871,647	3,217	2,751
37	39	97 038	19 038,771	342 616,960	17,996	17,530	87	89	9 211	200,084	600,662	3,002	2,536
38	40	96 882	18 189,591	323 578,189	17,789	17,324	88	90	6 838	142,141	400,578	2,818	2,353
39	41	96 707	17 374,895	305 388,599	17,576	17,111	89	91	4 923	97,915	258,437	2,639	2,174
40	42	96 518	16 594,296	288 013,704	17,356	16,891	90	92	3 371	64,162	160,522	2,502	2,036
41	43	96 309	15 845,221	271 419,408	17,129	16,664	91	93	2 252	41,019	96,360	2,349	1,884
42	44	96 078	15 126,621	255 574,187	16,896	16,430	92	94	1 429	24,900	55,341	2,223	1,757
43	45	95 824	14 436,863	240 447,566	16,655	16,189	93	95	867	14,455	30,441	2,106	1,640
44	46	95 532	13 773,042	226 010,703	16,410	15,944	94	96	501	7,992	15,987	2,000	1,535
45	47	95 207	13 135,189	212 237,661	16,158	15,692	95	97	275	4,198	7,995	1,905	1,439
46	48	94 841	12 521,210	199 102,473	15,901	15,436	96	98	143	2,089	3,797	1,818	1,352
47	49	94 439	11 931,244	186 581,263	15,638	15,172	97	99	70	0,982	1,708	1,739	1,274
48	50	93 973	11 361,075	174 650,018	15,373	14,907	98	100	33	0,435	0,726	1,668	1,202
49	51	93 465	10 813,099	163 288,943	15,101	14,635							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	3	99 644	99 643,575	2 185 276,075	21,931	21,465	50	53	92 647	10 256,916	150 829,273	14,705	14,240
1	4	99 247	94 973,284	2 085 632,500	21,960	21,495	51	54	91 999	9 746,570	140 572,357	14,423	13,957
2	5	99 203	90 842,959	1 990 659,216	21,913	21,448	52	55	91 271	9 253,112	130 825,787	14,139	13,673
3	6	99 174	86 905,868	1 899 816,258	21,861	21,395	53	56	90 493	8 779,110	121 572,675	13,848	13,382
4	7	99 152	83 144,704	1 812 910,390	21,804	21,339	54	57	89 654	8 323,175	112 793,565	13,552	13,086
5	8	99 130	79 546,916	1 729 765,686	21,745	21,280	55	58	88 742	7 883,801	104 470,390	13,251	12,786
6	9	99 112	76 107,622	1 650 218,769	21,683	21,217	56	59	87 753	7 460,199	96 586,589	12,947	12,481
7	10	99 095	72 817,541	1 574 111,148	21,617	21,152	57	60	86 702	7 053,445	89 126,390	12,636	12,170
8	11	99 079	69 671,172	1 501 293,606	21,548	21,083	58	61	85 541	6 659,321	82 072,945	12,325	11,859
9	12	99 063	66 660,093	1 431 622,435	21,476	21,011	59	62	84 302	6 280,215	75 413,624	12,008	11,543
10	13	99 047	63 779,418	1 364 962,342	21,401	20,936	60	63	82 970	5 914,878	69 133,408	11,688	11,222
11	14	99 030	61 022,015	1 301 182,923	21,323	20,858	61	64	81 555	5 563,610	63 218,530	11,363	10,897
12	15	99 011	58 382,933	1 240 160,908	21,242	20,776	62	65	80 052	5 225,893	57 654,920	11,033	10,567
13	16	98 987	55 855,591	1 181 777,975	21,158	20,692	63	66	78 474	4 902,314	52 429,027	10,695	10,229
14	17	98 961	53 436,176	1 125 922,383	21,070	20,605	64	67	76 819	4 592,274	47 526,713	10,349	9,884
15	18	98 930	51 119,217	1 072 486,208	20,980	20,514	65	68	75 045	4 293,009	42 934,438	10,001	9,535
16	19	98 890	48 898,031	1 021 366,991	20,888	20,422	66	69	73 197	4 006,987	38 641,429	9,644	9,178
17	20	98 844	46 770,560	972 468,961	20,792	20,327	67	70	71 222	3 730,958	34 634,442	9,283	8,817
18	21	98 788	44 731,422	925 698,401	20,695	20,229	68	71	69 136	3 465,766	30 903,485	8,917	8,451
19	22	98 720	42 775,624	880 966,979	20,595	20,129	69	72	66 939	3 211,126	27 437,719	8,545	8,079
20	23	98 650	40 904,430	838 191,355	20,491	20,026	70	73	64 589	2 964,938	24 226,593	8,171	7,705
21	24	98 574	39 112,998	797 286,925	20,384	19,919	71	74	62 092	2 727,575	21 261,655	7,795	7,329
22	25	98 501	37 400,918	758 173,926	20,272	19,806	72	75	59 417	2 497,698	18 534,079	7,420	6,955
23	26	98 427	35 763,465	720 773,008	20,154	19,688	73	76	56 566	2 275,451	16 036,382	7,048	6,582
24	27	98 352	34 197,425	685 009,543	20,031	19,565	74	77	53 534	2 060,728	13 760,931	6,678	6,212
25	28	98 271	32 697,710	650 812,118	19,904	19,438	75	78	50 287	1 852,383	11 700,203	6,316	5,851
26	29	98 192	31 264,577	618 114,408	19,770	19,305	76	79	46 852	1 651,536	9 847,820	5,963	5,497
27	30	98 107	29 892,293	586 849,831	19,632	19,167	77	80	43 272	1 459,653	8 196,284	5,615	5,150
28	31	98 017	28 578,868	556 957,539	19,488	19,023	78	81	39 526	1 275,892	6 736,631	5,280	4,814
29	32	97 928	27 323,510	528 378,671	19,338	18,872	79	82	35 657	1 101,423	5 460,738	4,958	4,492
30	33	97 829	26 120,443	501 055,161	19,182	18,717	80	83	31 708	937,260	4 359,316	4,651	4,186
31	34	97 731	24 970,512	474 934,717	19,020	18,554	81	84	27 786	785,967	3 422,056	4,354	3,888
32	35	97 620	23 868,028	449 964,206	18,852	18,387	82	85	23 899	646,899	2 636,089	4,075	3,609
33	36	97 509	22 814,350	426 096,178	18,677	18,211	83	86	20 160	522,202	1 989,190	3,809	3,344
34	37	97 388	21 804,882	403 281,827	18,495	18,029	84	87	16 655	412,843	1 466,988	3,553	3,088
35	38	97 259	20 838,239	381 476,945	18,307	17,841	85	88	13 393	317,691	1 054,145	3,318	2,853
36	39	97 124	19 913,056	360 638,706	18,111	17,645	86	89	10 478	237,847	736,454	3,096	2,631
37	40	96 974	19 026,176	340 725,650	17,908	17,443	87	90	7 908	171,769	498,607	2,903	2,437
38	41	96 813	18 176,745	321 699,474	17,698	17,233	88	91	5 780	120,139	326,838	2,721	2,255
39	42	96 629	17 360,969	303 522,729	17,483	17,017	89	92	4 048	80,517	206,699	2,567	2,102
40	43	96 433	16 579,525	286 161,760	17,260	16,794	90	93	2 733	52,020	126,183	2,426	1,960
41	44	96 210	15 828,997	269 582,235	17,031	16,565	91	94	1 785	32,518	74,162	2,281	1,815
42	45	95 971	15 109,631	253 753,238	16,794	16,329	92	95	1 106	19,275	41,645	2,161	1,695
43	46	95 702	14 418,540	238 643,607	16,551	16,086	93	96	654	10,912	22,369	2,050	1,584
44	47	95 397	13 753,634	224 225,067	16,303	15,837	94	97	368	5,877	11,457	1,950	1,484
45	48	95 051	13 113,711	210 471,433	16,050	15,584	95	98	197	3,002	5,580	1,859	1,393
46	49	94 673	12 499,067	197 357,722	15,790	15,324	96	99	99	1,451	2,578	1,776	1,311
47	50	94 245	11 906,694	184 858,655	15,526	15,060	97	100	47	0,662	1,127	1,702	1,236
48	51	93 766	11 336,046	172 951,961	15,257	14,791							
49	52	93 236	10 786,642	161 615,915	14,983	14,517							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	4	99 632	99 632,441	2 182 911,556	21,910	21,444	50	54	92 368	10 226,078	149 063,005	14,577	14,111
1	5	99 235	94 961,965	2 083 279,114	21,938	21,472	51	55	91 705	9 715,467	138 836,927	14,290	13,825
2	6	99 193	90 833,777	1 988 317,150	21,890	21,424	52	56	90 948	9 220,327	129 121,461	14,004	13,538
3	7	99 165	86 898,300	1 897 483,373	21,836	21,370	53	57	90 151	8 745,993	119 901,134	13,709	13,244
4	8	99 143	83 137,568	1 810 585,073	21,778	21,313	54	58	89 295	8 289,911	111 155,140	13,408	12,943
5	9	99 123	79 541,058	1 727 447,505	21,718	21,252	55	59	88 351	7 849,015	102 865,229	13,105	12,640
6	10	99 105	76 102,371	1 647 906,447	21,654	21,188	56	60	87 339	7 424,972	95 016,214	12,797	12,331
7	11	99 088	72 812,374	1 571 804,076	21,587	21,121	57	61	86 235	7 015,431	87 591,242	12,486	12,020
8	12	99 071	69 665,600	1 498 991,702	21,517	21,051	58	62	85 050	6 621,052	80 575,811	12,170	11,704
9	13	99 055	66 654,727	1 429 326,102	21,444	20,978	59	63	83 770	6 240,602	73 954,759	11,851	11,385
10	14	99 039	63 773,705	1 362 671,375	21,367	20,902	60	64	82 411	5 875,025	67 714,157	11,526	11,060
11	15	99 019	61 015,401	1 298 897,670	21,288	20,822	61	65	80 956	5 522,721	61 839,132	11,197	10,732
12	16	98 998	58 375,589	1 237 882,268	21,205	20,740	62	66	79 427	5 185,080	56 316,411	10,861	10,396
13	17	98 972	55 846,997	1 179 506,679	21,120	20,655	63	67	77 803	4 860,378	51 131,332	10,520	10,054
14	18	98 945	53 427,601	1 123 659,683	21,031	20,566	64	68	76 118	4 550,336	46 270,953	10,169	9,703
15	19	98 908	51 107,540	1 070 232,082	20,941	20,475	65	69	74 316	4 251,322	41 720,617	9,814	9,348
16	20	98 869	48 887,931	1 019 124,542	20,846	20,381	66	70	72 420	3 964,427	37 469,295	9,451	8,986
17	21	98 822	46 760,177	970 236,610	20,749	20,284	67	71	70 395	3 687,661	33 504,869	9,086	8,620
18	22	98 768	44 722,060	923 476,433	20,649	20,184	68	72	68 246	3 421,136	29 817,208	8,716	8,250
19	23	98 698	42 766,028	878 754,373	20,548	20,082	69	73	65 970	3 164,636	26 396,072	8,341	7,875
20	24	98 627	40 895,080	835 988,345	20,442	19,977	70	74	63 538	2 916,725	23 231,435	7,965	7,499
21	25	98 554	39 105,092	795 093,265	20,332	19,867	71	75	60 936	2 676,822	20 314,711	7,589	7,124
22	26	98 479	37 392,691	755 988,173	20,218	19,752	72	76	58 142	2 444,102	17 637,889	7,217	6,751
23	27	98 404	35 755,001	718 595,482	20,098	19,632	73	77	55 181	2 219,719	15 193,787	6,845	6,379
24	28	98 326	34 188,238	682 840,481	19,973	19,507	74	78	52 049	2 003,597	12 974,068	6,475	6,010
25	29	98 246	32 689,442	648 652,243	19,843	19,377	75	79	48 674	1 792,980	10 970,471	6,119	5,653
26	30	98 164	31 255,606	615 962,801	19,707	19,242	76	80	45 151	1 591,576	9 177,491	5,766	5,301
27	31	98 079	29 883,832	584 707,195	19,566	19,100	77	81	41 464	1 398,690	7 585,915	5,424	4,958
28	32	97 987	28 570,236	554 823,363	19,420	18,954	78	82	37 645	1 215,172	6 187,225	5,092	4,626
29	33	97 894	27 313,825	526 253,126	19,267	18,801	79	83	33 690	1 040,685	4 972,053	4,778	4,312
30	34	97 794	26 110,893	498 939,302	19,108	18,643	80	84	29 719	878,483	3 931,368	4,475	4,010
31	35	97 690	24 959,905	472 828,409	18,944	18,478	81	85	25 776	729,129	3 052,885	4,187	3,721
32	36	97 581	23 858,535	447 868,504	18,772	18,306	82	86	21 921	593,365	2 323,756	3,916	3,451
33	37	97 463	22 803,509	424 009,970	18,594	18,128	83	87	18 260	472,999	1 730,390	3,658	3,193
34	38	97 337	21 793,246	401 206,461	18,410	17,944	84	88	14 852	368,135	1 257,391	3,416	2,950
35	39	97 205	20 826,638	379 413,215	18,218	17,752	85	89	11 756	278,842	889,256	3,189	2,723
36	40	97 059	19 899,883	358 586,578	18,020	17,554	86	90	8 996	204,187	610,415	2,989	2,524
37	41	96 905	19 012,739	338 686,695	17,814	17,348	87	91	6 684	145,180	406,227	2,798	2,332
38	42	96 736	18 162,176	319 673,956	17,601	17,135	88	92	4 753	98,792	261,047	2,642	2,177
39	43	96 543	17 345,516	301 511,780	17,383	16,917	89	93	3 282	65,281	162,256	2,486	2,020
40	44	96 334	16 562,549	284 166,263	17,157	16,692	90	94	2 167	41,239	96,975	2,352	1,886
41	45	96 102	15 811,218	267 603,714	16,925	16,459	91	95	1 382	25,173	55,736	2,214	1,749
42	46	95 849	15 090,453	251 792,496	16,686	16,220	92	96	835	14,552	30,563	2,100	1,635
43	47	95 567	14 398,222	236 702,043	16,440	15,974	93	97	481	8,024	16,011	1,995	1,530
44	48	95 241	13 731,145	222 303,820	16,190	15,724	94	98	263	4,203	7,988	1,900	1,435
45	49	94 883	13 090,520	208 572,675	15,933	15,467	95	99	137	2,086	3,785	1,814	1,349
46	50	94 478	12 473,348	195 482,155	15,672	15,206	96	100	67	0,978	1,699	1,736	1,270
47	51	94 037	11 880,464	183 008,807	15,404	14,939							
48	52	93 536	11 308,309	171 128,343	15,133	14,667							
49	53	92 980	10 757,028	159 820,033	14,857	14,392							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	5	99 621	99 620,567	2 180 374,418	21,887	21,421	50	55	92 074	10 193,444	147 172,480	14,438	13,972
1	6	99 225	94 952,366	2 080 753,850	21,914	21,448	51	56	91 380	9 681,043	136 979,036	14,149	13,684
2	7	99 184	90 825,866	1 985 801,484	21,864	21,398	52	57	90 605	9 185,546	127 297,993	13,859	13,393
3	8	99 157	86 890,841	1 894 975,618	21,809	21,343	53	58	89 791	8 711,039	118 112,447	13,559	13,093
4	9	99 136	83 131,445	1 808 084,777	21,750	21,284	54	59	88 901	8 253,333	109 401,407	13,255	12,790
5	10	99 116	79 535,571	1 724 953,331	21,688	21,222	55	60	87 934	7 811,952	101 148,074	12,948	12,482
6	11	99 098	76 096,970	1 645 417,760	21,623	21,157	56	61	86 868	7 384,956	93 336,122	12,639	12,173
7	12	99 080	72 806,551	1 569 320,790	21,555	21,089	57	62	85 739	6 975,116	85 951,166	12,323	11,857
8	13	99 064	69 659,992	1 496 514,239	21,483	21,018	58	63	84 513	6 579,289	78 976,050	12,004	11,538
9	14	99 046	66 648,756	1 426 854,247	21,409	20,943	59	64	83 205	6 198,554	72 396,761	11,680	11,214
10	15	99 028	63 766,793	1 360 205,491	21,331	20,865	60	65	81 806	5 831,847	66 198,207	11,351	10,886
11	16	99 007	61 007,726	1 296 438,697	21,250	20,785	61	66	80 323	5 479,589	60 366,361	11,017	10,551
12	17	98 983	58 366,607	1 235 430,971	21,167	20,701	62	67	78 747	5 140,725	54 886,772	10,677	10,211
13	18	98 956	55 838,035	1 177 064,365	21,080	20,614	63	68	77 092	4 815,992	49 746,047	10,329	9,864
14	19	98 922	53 415,397	1 121 226,330	20,991	20,525	64	69	75 379	4 506,150	44 930,055	9,971	9,505
15	20	98 887	51 096,985	1 067 810,933	20,898	20,432	65	70	73 527	4 206,166	40 423,905	9,611	9,145
16	21	98 848	48 877,079	1 016 713,948	20,801	20,336	66	71	71 579	3 918,421	36 217,739	9,243	8,777
17	22	98 801	46 750,391	967 836,869	20,702	20,237	67	72	69 489	3 640,174	32 299,319	8,873	8,407
18	23	98 746	44 712,027	921 086,479	20,600	20,135	68	73	67 258	3 371,606	28 659,145	8,500	8,035
19	24	98 675	42 756,253	876 374,451	20,497	20,031	69	74	64 897	3 113,176	25 287,539	8,123	7,657
20	25	98 607	40 886,814	833 618,198	20,388	19,923	70	75	62 356	2 862,452	22 174,363	7,747	7,281
21	26	98 533	39 096,490	792 731,385	20,276	19,811	71	76	59 629	2 619,383	19 311,911	7,373	6,907
22	27	98 456	37 383,841	753 634,895	20,159	19,694	72	77	56 718	2 384,239	16 692,528	7,001	6,536
23	28	98 377	35 745,396	716 251,054	20,038	19,572	73	78	53 651	2 158,180	14 308,289	6,630	6,164
24	29	98 301	34 179,592	680 505,658	19,910	19,444	74	79	50 380	1 939,345	12 150,110	6,265	5,799
25	30	98 218	32 680,063	646 326,066	19,777	19,312	75	80	46 907	1 727,884	10 210,764	5,909	5,444
26	31	98 136	31 246,760	613 646,003	19,639	19,173	76	81	43 265	1 525,103	8 482,880	5,562	5,097
27	32	98 049	29 874,806	582 399,243	19,495	19,029	77	82	39 491	1 332,126	6 957,778	5,223	4,757
28	33	97 953	28 560,109	552 524,436	19,346	18,880	78	83	35 569	1 148,162	5 625,651	4,900	4,434
29	34	97 858	27 303,838	523 964,328	19,190	18,725	79	84	31 578	975,422	4 477,489	4,590	4,125
30	35	97 752	26 099,801	496 660,490	19,029	18,564	80	85	27 570	814,955	3 502,067	4,297	3,832
31	36	97 651	24 949,977	470 560,688	18,860	18,395	81	86	23 643	668,790	2 687,112	4,018	3,552
32	37	97 535	23 847,197	445 610,712	18,686	18,220	82	87	19 855	537,457	2 018,322	3,755	3,290
33	38	97 411	22 791,339	421 763,515	18,505	18,040	83	88	16 283	421,777	1 480,865	3,511	3,045
34	39	97 282	21 781,113	398 972,176	18,317	17,852	84	89	13 036	323,117	1 059,088	3,278	2,812
35	40	97 141	20 812,860	377 191,063	18,123	17,657	85	90	10 092	239,381	735,971	3,074	2,609
36	41	96 991	19 885,829	356 378,203	17,921	17,456	86	91	7 603	172,580	496,590	2,877	2,412
37	42	96 828	18 997,501	336 492,374	17,712	17,247	87	92	5 496	119,383	324,010	2,714	2,248
38	43	96 650	18 146,010	317 494,874	17,497	17,031	88	93	3 853	80,098	204,627	2,555	2,089
39	44	96 445	17 327,756	299 348,863	17,276	16,810	89	94	2 602	51,751	124,529	2,406	1,941
40	45	96 226	16 543,946	282 021,108	17,047	16,581	90	95	1 677	31,924	72,778	2,280	1,814
41	46	95 980	15 791,150	265 477,161	16,812	16,346	91	96	1 043	19,004	40,854	2,150	1,684
42	47	95 714	15 069,189	249 686,011	16,569	16,104	92	97	614	10,700	21,850	2,042	1,576
43	48	95 411	14 374,680	234 616,822	16,322	15,856	93	98	344	5,739	11,150	1,943	1,477
44	49	95 072	13 706,863	220 242,142	16,068	15,602	94	99	183	2,920	5,411	1,853	1,387
45	50	94 688	13 063,585	206 535,280	15,810	15,344	95	100	92	1,406	2,491	1,771	1,306
46	51	94 270	12 445,870	193 471,695	15,545	15,079							
47	52	93 807	11 851,395	181 025,825	15,275	14,809							
48	53	93 279	11 277,264	169 174,431	15,001	14,536							
49	54	92 701	10 724,687	157 897,167	14,723	14,257							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	6	99 610	99 610,498	2 177 656,082	21,862	21,396	50	56	91 747	10 157,327	145 152,468	14,290	13,825
1	7	99 217	94 944,097	2 078 045,584	21,887	21,421	51	57	91 036	9 644,524	134 995,140	13,997	13,531
2	8	99 176	90 818,071	1 983 101,487	21,836	21,370	52	58	90 243	9 148,835	125 350,616	13,701	13,236
3	9	99 150	86 884,442	1 892 283,417	21,779	21,314	53	59	89 395	8 672,604	116 201,781	13,399	12,933
4	10	99 129	83 125,710	1 805 398,974	21,719	21,253	54	60	88 482	8 214,361	107 529,177	13,090	12,625
5	11	99 109	79 529,926	1 722 273,264	21,656	21,190	55	61	87 460	7 769,851	99 314,817	12,782	12,316
6	12	99 090	76 090,885	1 642 743,337	21,589	21,124	56	62	86 369	7 342,517	91 544,966	12,468	12,002
7	13	99 072	72 800,690	1 566 652,452	21,520	21,054	57	63	85 198	6 931,119	84 202,449	12,148	11,683
8	14	99 055	69 653,752	1 493 851,762	21,447	20,981	58	64	83 944	6 534,959	77 271,330	11,824	11,359
9	15	99 036	66 641,532	1 424 198,010	21,371	20,905	59	65	82 594	6 152,998	70 736,371	11,496	11,031
10	16	99 015	63 758,772	1 357 556,477	21,292	20,826	60	66	81 167	5 786,301	64 583,373	11,161	10,696
11	17	98 991	60 998,339	1 293 797,706	21,210	20,745	61	67	79 636	5 432,715	58 797,072	10,823	10,357
12	18	98 967	58 357,241	1 232 799,367	21,125	20,659	62	68	78 028	5 093,779	53 364,357	10,476	10,011
13	19	98 933	55 825,281	1 174 442,126	21,038	20,572	63	69	76 344	4 769,226	48 270,579	10,121	9,656
14	20	98 902	53 404,365	1 118 616,846	20,946	20,481	64	70	74 578	4 458,287	43 501,353	9,757	9,292
15	21	98 865	51 085,642	1 065 212,481	20,852	20,386	65	71	72 673	4 157,355	39 043,066	9,391	8,926
16	22	98 827	48 866,849	1 014 126,839	20,753	20,287	66	72	70 657	3 867,962	34 885,711	9,019	8,554
17	23	98 779	46 739,903	965 259,990	20,652	20,186	67	73	68 483	3 587,473	31 017,749	8,646	8,181
18	24	98 723	44 701,807	918 520,087	20,548	20,082	68	74	66 164	3 316,780	27 430,276	8,270	7,805
19	25	98 656	42 747,610	873 818,280	20,441	19,976	69	75	63 690	3 055,247	24 113,497	7,892	7,427
20	26	98 586	40 877,819	831 070,669	20,331	19,865	70	76	61 018	2 801,029	21 058,250	7,518	7,052
21	27	98 509	39 087,237	790 192,850	20,216	19,751	71	77	58 168	2 555,227	18 257,220	7,145	6,679
22	28	98 430	37 373,798	751 105,613	20,097	19,632	72	78	55 146	2 318,139	15 701,993	6,774	6,308
23	29	98 352	35 736,357	713 731,815	19,972	19,507	73	79	51 930	2 088,971	13 383,854	6,407	5,941
24	30	98 273	34 169,786	677 995,458	19,842	19,376	74	80	48 551	1 868,935	11 294,883	6,043	5,578
25	31	98 190	32 670,813	643 825,673	19,706	19,241	75	81	44 948	1 655,718	9 425,948	5,693	5,227
26	32	98 106	31 237,323	611 154,860	19,565	19,099	76	82	41 206	1 452,522	7 770,230	5,349	4,884
27	33	98 015	29 864,217	579 917,537	19,418	18,953	77	83	37 313	1 258,667	6 317,707	5,019	4,554
28	34	97 917	28 549,666	550 053,320	19,267	18,801	78	84	33 339	1 076,159	5 059,041	4,701	4,235
29	35	97 816	27 292,240	521 503,654	19,108	18,643	79	85	29 294	904,884	3 982,881	4,402	3,936
30	36	97 713	26 089,420	494 211,414	18,943	18,477	80	86	25 288	747,514	3 077,997	4,118	3,652
31	37	97 604	24 938,120	468 121,994	18,771	18,306	81	87	21 416	605,775	2 330,484	3,847	3,381
32	38	97 483	23 834,470	443 183,874	18,594	18,129	82	88	17 705	479,255	1 724,709	3,599	3,133
33	39	97 357	22 778,651	419 349,404	18,410	17,944	83	89	14 292	370,199	1 245,454	3,364	2,899
34	40	97 218	21 766,704	396 570,753	18,219	17,754	84	90	11 191	277,390	875,255	3,155	2,690
35	41	97 072	20 798,161	374 804,050	18,021	17,555	85	91	8 530	202,326	597,864	2,955	2,489
36	42	96 913	19 869,890	354 005,888	17,816	17,351	86	92	6 252	141,915	395,539	2,787	2,322
37	43	96 741	18 980,591	334 135,998	17,604	17,138	87	93	4 456	96,793	253,624	2,620	2,155
38	44	96 551	18 127,430	315 155,407	17,386	16,920	88	94	3 055	63,497	156,831	2,470	2,004
39	45	96 336	17 308,294	297 027,977	17,161	16,695	89	95	2 014	40,061	93,334	2,330	1,864
40	46	96 103	16 522,948	279 719,683	16,929	16,464	90	96	1 266	24,101	53,272	2,210	1,745
41	47	95 845	15 768,899	263 196,735	16,691	16,225	91	97	767	13,974	29,171	2,088	1,622
42	48	95 557	15 044,549	247 427,836	16,446	15,981	92	98	439	7,653	15,198	1,986	1,520
43	49	95 242	14 349,259	232 383,287	16,195	15,729	93	99	239	3,987	7,545	1,892	1,427
44	50	94 877	13 678,659	218 034,028	15,940	15,474	94	100	123	1,969	3,557	1,807	1,342
45	51	94 480	13 034,806	204 355,369	15,678	15,212							
46	52	94 040	12 415,417	191 320,563	15,410	14,944							
47	53	93 549	11 818,858	178 905,146	15,137	14,672							
48	54	92 999	11 243,358	167 086,288	14,861	14,395							
49	55	92 405	10 690,462	155 842,930	14,578	14,112							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	7	99 602	99 601,823	2 174 745,306	21,834	21,369	50	57	91 401	10 119,012	142 999,658	14,132	13,666
1	8	99 208	94 935,948	2 075 143,483	21,858	21,393	51	58	90 672	9 605,979	132 880,647	13,833	13,368
2	9	99 168	90 811,382	1 980 207,535	21,806	21,340	52	59	89 845	9 108,468	123 274,668	13,534	13,068
3	10	99 143	86 878,449	1 889 396,153	21,748	21,282	53	60	88 973	8 631,651	114 166,200	13,226	12,761
4	11	99 122	83 119,811	1 802 517,704	21,686	21,220	54	61	88 005	8 170,091	105 534,548	12,917	12,452
5	12	99 101	79 523,567	1 719 397,893	21,621	21,156	55	62	86 957	7 725,200	97 364,458	12,603	12,138
6	13	99 082	76 084,760	1 639 874,326	21,553	21,088	56	63	85 824	7 296,203	89 639,258	12,286	11,820
7	14	99 063	72 794,169	1 563 789,567	21,482	21,017	57	64	84 624	6 884,418	82 343,055	11,961	11,495
8	15	99 044	69 646,203	1 490 995,398	21,408	20,943	58	65	83 327	6 486,931	75 458,637	11,632	11,167
9	16	99 023	66 633,150	1 421 349,195	21,331	20,865	59	66	81 949	6 104,944	68 971,706	11,298	10,832
10	17	99 000	63 748,961	1 354 716,045	21,251	20,785	60	67	80 472	5 736,803	62 866,762	10,959	10,493
11	18	98 975	60 988,550	1 290 967,084	21,167	20,702	61	68	78 909	5 383,102	57 129,959	10,613	10,147
12	19	98 944	58 343,911	1 229 978,534	21,082	20,616	62	69	77 270	5 044,315	51 746,858	10,258	9,793
13	20	98 913	55 813,751	1 171 634,623	20,992	20,526	63	70	75 533	4 718,569	46 702,543	9,898	9,432
14	21	98 880	53 392,509	1 115 820,873	20,898	20,433	64	71	73 713	4 406,550	41 983,973	9,528	9,062
15	22	98 844	51 074,950	1 062 428,363	20,801	20,336	65	72	71 738	4 103,820	37 577,423	9,157	8,691
16	23	98 805	48 855,887	1 011 353,413	20,701	20,235	66	73	69 634	3 811,963	33 473,604	8,781	8,316
17	24	98 756	46 729,220	962 497,526	20,597	20,132	67	74	67 369	3 529,136	29 661,641	8,405	7,939
18	25	98 703	44 692,771	915 768,307	20,490	20,025	68	75	64 933	3 255,063	26 132,505	8,028	7,563
19	26	98 634	42 738,207	871 075,536	20,382	19,916	69	76	62 323	2 989,688	22 877,442	7,652	7,187
20	27	98 562	40 868,145	828 337,329	20,269	19,803	70	77	59 524	2 732,424	19 887,754	7,278	6,813
21	28	98 483	39 076,736	787 469,184	20,152	19,686	71	78	56 556	2 484,386	17 155,330	6,905	6,440
22	29	98 405	37 364,347	748 392,448	20,030	19,564	72	79	53 377	2 243,801	14 670,944	6,538	6,073
23	30	98 324	35 726,103	711 028,100	19,902	19,437	73	80	50 045	2 013,129	12 427,143	6,173	5,707
24	31	98 245	34 160,114	675 301,997	19,769	19,303	74	81	46 523	1 790,878	10 414,014	5,815	5,349
25	32	98 160	32 660,946	641 141,883	19,630	19,165	75	82	42 809	1 576,922	8 623,136	5,468	5,003
26	33	98 072	31 226,250	608 480,937	19,486	19,021	76	83	38 934	1 372,424	7 046,214	5,134	4,669
27	34	97 979	29 853,297	577 254,687	19,336	18,871	77	84	34 973	1 179,734	5 673,790	4,809	4,344
28	35	97 875	28 537,539	547 401,390	19,182	18,716	78	85	30 928	998,336	4 494,056	4,502	4,036
29	36	97 777	27 281,384	518 863,851	19,019	18,553	79	86	26 870	830,001	3 495,720	4,212	3,746
30	37	97 667	26 077,022	491 582,467	18,851	18,386	80	87	22 906	677,081	2 665,720	3,937	3,471
31	38	97 552	24 924,811	465 505,444	18,676	18,211	81	88	19 096	540,175	1 988,639	3,681	3,216
32	39	97 428	23 821,201	440 580,633	18,495	18,030	82	89	15 540	420,648	1 448,464	3,443	2,978
33	40	97 292	22 763,581	416 759,433	18,308	17,843	83	90	12 269	317,810	1 027,816	3,234	2,768
34	41	97 149	21 751,331	393 995,851	18,114	17,648	84	91	9 458	234,452	710,006	3,028	2,563
35	42	96 994	20 781,492	372 244,520	17,912	17,447	85	92	7 014	166,375	475,555	2,858	2,393
36	43	96 827	19 852,204	351 463,028	17,704	17,238	86	93	5 069	115,061	309,179	2,687	2,221
37	44	96 642	18 961,156	331 610,823	17,489	17,023	87	94	3 533	76,732	194,118	2,530	2,064
38	45	96 442	18 107,070	312 649,667	17,267	16,801	88	95	2 365	49,154	117,386	2,388	1,923
39	46	96 214	17 286,326	294 542,597	17,039	16,573	89	96	1 521	30,244	68,232	2,256	1,790
40	47	95 968	16 499,666	277 256,272	16,804	16,338	90	97	931	17,721	37,988	2,144	1,678
41	48	95 688	15 743,115	260 756,606	16,563	16,098	91	98	549	9,994	20,266	2,028	1,562
42	49	95 388	15 017,944	245 013,491	16,315	15,849	92	99	305	5,317	10,272	1,932	1,466
43	50	95 046	14 319,733	229 995,547	16,061	15,596	93	100	161	2,688	4,955	1,843	1,378
44	51	94 668	13 648,525	215 675,814	15,802	15,337							
45	52	94 248	13 002,912	202 027,289	15,537	15,071							
46	53	93 781	12 381,332	189 024,377	15,267	14,801							
47	54	93 268	11 783,324	176 643,045	14,991	14,525							
48	55	92 702	11 207,478	164 859,721	14,710	14,244							
49	56	92 077	10 652,584	153 652,243	14,424	13,958							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	8	99 593	99 593,274	2 171 631,147	21,805	21,339	50	58	91 036	10 078,570	140 709,636	13,961	13,496
1	9	99 201	94 928,957	2 072 037,873	21,827	21,362	51	59	90 272	9 563,595	130 631,066	13,659	13,194
2	10	99 161	90 805,118	1 977 108,916	21,773	21,307	52	60	89 420	9 065,458	121 067,471	13,355	12,889
3	11	99 136	86 872,283	1 886 303,798	21,714	21,248	53	61	88 493	8 585,132	112 002,014	13,046	12,580
4	12	99 114	83 113,164	1 799 431,515	21,650	21,185	54	62	87 499	8 123,140	103 416,881	12,731	12,266
5	13	99 093	79 517,165	1 716 318,351	21,584	21,119	55	63	86 409	7 676,472	95 293,742	12,414	11,948
6	14	99 073	76 077,945	1 636 801,186	21,515	21,049	56	64	85 246	7 247,042	87 617,270	12,090	11,624
7	15	99 052	72 786,279	1 560 723,241	21,443	20,977	57	65	84 002	6 833,822	80 370,228	11,761	11,295
8	16	99 031	69 637,442	1 487 936,963	21,367	20,901	58	66	82 676	6 436,269	73 536,406	11,425	10,960
9	17	99 008	66 622,897	1 418 299,521	21,288	20,823	59	67	81 248	6 052,721	67 100,138	11,086	10,620
10	18	98 984	63 738,731	1 351 676,624	21,207	20,741	60	68	79 738	5 684,413	61 047,417	10,739	10,274
11	19	98 953	60 974,620	1 287 937,893	21,123	20,657	61	69	78 143	5 330,828	55 363,004	10,385	9,920
12	20	98 924	58 331,861	1 226 963,273	21,034	20,569	62	70	76 450	4 990,737	50 032,176	10,025	9,559
13	21	98 891	55 801,360	1 168 631,413	20,943	20,477	63	71	74 656	4 663,812	45 041,439	9,658	9,192
14	22	98 859	53 381,335	1 112 830,052	20,847	20,381	64	72	72 763	4 349,806	40 377,628	9,283	8,817
15	23	98 822	51 063,492	1 059 448,717	20,748	20,282	65	73	70 699	4 044,406	36 027,821	8,908	8,442
16	24	98 782	48 844,719	1 008 385,225	20,645	20,179	66	74	68 502	3 749,976	31 983,416	8,529	8,063
17	25	98 736	46 719,774	959 540,506	20,538	20,073	67	75	66 115	3 463,467	28 233,440	8,152	7,686
18	26	98 681	44 682,940	912 820,732	20,429	19,963	68	76	63 540	3 185,216	24 769,972	7,777	7,311
19	27	98 610	42 728,092	868 137,792	20,318	19,852	69	77	60 797	2 916,462	21 584,757	7,401	6,935
20	28	98 536	40 857,166	825 409,700	20,202	19,737	70	78	57 873	2 656,671	18 668,295	7,027	6,561
21	29	98 458	39 066,855	784 552,534	20,082	19,617	71	79	54 742	2 404,716	16 011,623	6,658	6,193
22	30	98 376	37 353,627	745 485,679	19,958	19,492	72	80	51 439	2 162,337	13 606,907	6,293	5,827
23	31	98 296	35 715,991	708 132,053	19,827	19,361	73	81	47 955	1 929,049	11 444,570	5,933	5,467
24	32	98 215	34 149,797	672 416,061	19,690	19,225	74	82	44 309	1 705,650	9 515,520	5,579	5,113
25	33	98 126	32 649,368	638 266,264	19,549	19,084	75	83	40 448	1 489,964	7 809,871	5,242	4,776
26	34	98 036	31 214,832	605 616,895	19,402	18,936	76	84	36 492	1 286,357	6 319,907	4,913	4,447
27	35	97 937	29 840,616	574 402,063	19,249	18,783	77	85	32 444	1 094,421	5 033,550	4,599	4,134
28	36	97 836	28 526,188	544 561,447	19,090	18,624	78	86	28 368	915,719	3 939,129	4,302	3,836
29	37	97 731	27 268,420	516 035,258	18,924	18,459	79	87	24 338	751,796	3 023,410	4,022	3,556
30	38	97 615	26 063,105	488 766,839	18,753	18,288	80	88	20 425	603,759	2 271,614	3,762	3,297
31	39	97 498	24 910,935	462 703,734	18,574	18,109	81	89	16 761	474,118	1 667,856	3,518	3,052
32	40	97 364	23 805,442	437 792,799	18,390	17,925	82	90	13 341	361,119	1 193,738	3,306	2,840
33	41	97 224	22 747,505	413 987,357	18,199	17,734	83	91	10 370	268,614	832,618	3,100	2,634
34	42	97 071	21 733,898	391 239,852	18,001	17,536	84	92	7 778	192,793	564,004	2,925	2,460
35	43	96 908	20 762,994	369 505,954	17,796	17,331	85	93	5 687	134,893	371,211	2,752	2,286
36	44	96 728	19 831,877	348 742,959	17,585	17,119	86	94	4 018	91,214	236,319	2,591	2,125
37	45	96 534	18 939,860	328 911,082	17,366	16,900	87	95	2 735	59,400	145,104	2,443	1,977
38	46	96 320	18 084,088	309 971,222	17,141	16,675	88	96	1 785	37,109	85,705	2,310	1,844
39	47	96 078	17 261,967	291 887,134	16,909	16,444	89	97	1 118	22,238	48,596	2,185	1,720
40	48	95 811	16 472,687	274 625,167	16,672	16,206	90	98	666	12,675	26,357	2,080	1,614
41	49	95 519	15 715,274	258 152,480	16,427	15,961	91	99	381	6,944	13,683	1,970	1,505
42	50	95 192	14 987,042	242 437,206	16,176	15,711	92	100	206	3,584	6,738	1,880	1,414
43	51	94 837	14 288,187	227 450,164	15,919	15,453							
44	52	94 436	13 615,129	213 161,977	15,656	15,191							
45	53	93 990	12 967,214	199 546,847	15,389	14,923							
46	54	93 499	12 344,107	186 579,633	15,115	14,649							
47	55	92 971	11 745,721	174 235,526	14,834	14,368							
48	56	92 374	11 167,768	162 489,805	14,550	14,084							
49	57	91 730	10 612,400	151 322,037	14,259	13,793							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	9	99 586	99 585,940	2 168 303,876	21,773	21,308	50	59	90 634	10 034,101	138 278,092	13,781	13,315
1	10	99 194	94 922,408	2 068 717,936	21,794	21,328	51	60	89 846	9 518,435	128 243,992	13,473	13,008
2	11	99 154	90 798,673	1 973 795,528	21,738	21,273	52	61	88 939	9 016,601	118 725,556	13,167	12,702
3	12	99 128	86 865,336	1 882 996,854	21,677	21,212	53	62	87 985	8 535,796	109 708,956	12,853	12,387
4	13	99 106	83 106,474	1 796 131,518	21,612	21,147	54	63	86 947	8 071,902	101 173,160	12,534	12,068
5	14	99 084	79 510,042	1 713 025,045	21,545	21,079	55	64	85 827	7 624,749	93 101,258	12,210	11,745
6	15	99 063	76 069,699	1 633 515,003	21,474	21,008	56	65	84 619	7 193,781	85 476,509	11,882	11,416
7	16	99 040	72 777,123	1 557 445,304	21,400	20,935	57	66	83 346	6 780,450	78 282,729	11,545	11,080
8	17	99 016	69 626,727	1 484 668,181	21,323	20,858	58	67	81 969	6 381,211	71 502,278	11,205	10,740
9	18	98 992	66 612,205	1 415 041,454	21,243	20,777	59	68	80 506	5 997,445	65 121,067	10,858	10,393
10	19	98 962	63 724,173	1 348 429,249	21,160	20,695	60	69	78 963	5 629,214	59 123,622	10,503	10,037
11	20	98 932	60 962,026	1 284 705,076	21,074	20,608	61	70	77 313	5 274,207	53 494,408	10,143	9,677
12	21	98 902	58 318,912	1 223 743,050	20,984	20,518	62	71	75 562	4 932,820	48 220,201	9,775	9,310
13	22	98 870	55 789,682	1 165 424,139	20,890	20,424	63	72	73 695	4 603,755	43 287,381	9,403	8,937
14	23	98 837	53 369,360	1 109 634,457	20,792	20,326	64	73	71 710	4 286,831	38 683,626	9,024	8,558
15	24	98 800	51 051,820	1 056 265,097	20,690	20,224	65	74	69 549	3 978,639	34 396,795	8,645	8,180
16	25	98 762	48 834,846	1 005 213,277	20,584	20,118	66	75	67 227	3 680,198	30 418,156	8,265	7,800
17	26	98 715	46 709,497	956 378,431	20,475	20,009	67	76	64 697	3 389,149	26 737,958	7,889	7,424
18	27	98 658	44 672,365	909 668,934	20,363	19,898	68	77	61 984	3 107,201	23 348,810	7,514	7,049
19	28	98 584	42 716,613	864 996,570	20,250	19,784	69	78	59 111	2 835,607	20 241,609	7,138	6,673
20	29	98 511	40 846,834	822 279,956	20,131	19,665	70	79	56 017	2 571,477	17 406,002	6,769	6,303
21	30	98 430	39 055,646	781 433,122	20,008	19,543	71	80	52 755	2 317,411	14 834,525	6,401	5,936
22	31	98 349	37 343,054	742 377,477	19,880	19,414	72	81	49 291	2 072,026	12 517,114	6,041	5,575
23	32	98 267	35 705,204	705 034,422	19,746	19,280	73	82	45 673	1 837,245	10 445,088	5,685	5,220
24	33	98 180	34 137,692	669 329,218	19,607	19,141	74	83	41 866	1 611,593	8 607,843	5,341	4,876
25	34	98 090	32 637,431	635 191,526	19,462	18,996	75	84	37 911	1 396,526	6 996,251	5,010	4,544
26	35	97 994	31 201,573	602 554,095	19,312	18,846	76	85	33 853	1 193,333	5 599,725	4,693	4,227
27	36	97 898	29 828,747	571 352,522	19,154	18,689	77	86	29 759	1 003,852	4 406,391	4,389	3,924
28	37	97 790	28 512,632	541 523,775	18,992	18,527	78	87	25 695	829,438	3 402,539	4,102	3,637
29	38	97 679	27 253,867	513 011,143	18,823	18,358	79	88	21 702	670,383	2 573,102	3,838	3,373
30	39	97 560	26 048,595	485 757,276	18,648	18,183	80	89	17 927	529,927	1 902,719	3,591	3,125
31	40	97 433	24 894,455	459 708,680	18,466	18,001	81	90	14 389	407,022	1 372,792	3,373	2,907
32	41	97 295	23 788,630	434 814,225	18,278	17,813	82	91	11 276	305,220	965,770	3,164	2,699
33	42	97 146	22 729,273	411 025,595	18,084	17,618	83	92	8 527	220,885	660,550	2,990	2,525
34	43	96 985	21 714,553	388 296,322	17,882	17,416	84	93	6 306	156,311	439,665	2,813	2,347
35	44	96 809	20 741,734	366 581,769	17,674	17,208	85	94	4 508	106,936	283,354	2,650	2,184
36	45	96 619	19 809,603	345 840,035	17,458	16,993	86	95	3 111	70,611	176,418	2,498	2,033
37	46	96 411	18 915,821	326 030,432	17,236	16,770	87	96	2 065	44,844	105,808	2,359	1,894
38	47	96 184	18 058,605	307 114,611	17,007	16,541	88	97	1 313	27,286	60,964	2,234	1,769
39	48	95 921	17 233,742	289 056,006	16,773	16,307	89	98	800	15,906	33,678	2,117	1,652
40	49	95 642	16 443,556	271 822,264	16,531	16,065	90	99	463	8,807	17,772	2,018	1,552
41	50	95 322	15 682,937	255 378,708	16,284	15,818	91	100	257	4,681	8,966	1,915	1,450
42	51	94 982	14 954,026	239 695,770	16,029	15,563							
43	52	94 605	14 253,227	224 741,744	15,768	15,302							
44	53	94 177	13 577,751	210 488,518	15,502	15,037							
45	54	93 707	12 928,228	196 910,767	15,231	14,765							
46	55	93 201	12 304,714	183 982,539	14,952	14,487							
47	56	92 641	11 704,104	171 677,825	14,668	14,203							
48	57	92 025	11 125,641	159 973,721	14,379	13,913							
49	58	91 363	10 569,987	148 848,079	14,082	13,617							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	10	99 579	99 579,070	2 164 752,547	21,739	21,273
1	11	99 187	94 915,671	2 065 173,476	21,758	21,292
2	12	99 146	90 791,413	1 970 257,805	21,701	21,235
3	13	99 120	86 858,343	1 879 466,393	21,638	21,173
4	14	99 097	83 099,029	1 792 608,049	21,572	21,106
5	15	99 073	79 501,424	1 709 509,020	21,503	21,037
6	16	99 050	76 060,130	1 630 007,596	21,431	20,965
7	17	99 024	72 765,925	1 553 947,466	21,355	20,890
8	18	99 000	69 615,553	1 481 181,541	21,277	20,811
9	19	98 969	66 596,990	1 411 565,988	21,196	20,730
10	20	98 941	63 711,011	1 344 968,997	21,110	20,645
11	21	98 910	60 948,493	1 281 257,986	21,022	20,556
12	22	98 881	58 306,706	1 220 309,493	20,929	20,464
13	23	98 848	55 777,167	1 162 002,787	20,833	20,367
14	24	98 815	53 357,161	1 106 225,621	20,732	20,267
15	25	98 780	51 041,501	1 052 868,460	20,628	20,162
16	26	98 740	48 824,103	1 001 826,959	20,519	20,053
17	27	98 691	46 698,442	953 002,856	20,408	19,942
18	28	98 631	44 660,364	906 304,414	20,293	19,828
19	29	98 559	42 705,811	861 644,051	20,176	19,711
20	30	98 483	40 835,114	818 938,239	20,055	19,589
21	31	98 402	39 044,592	778 103,125	19,929	19,463
22	32	98 319	37 331,776	739 058,533	19,797	19,331
23	33	98 232	35 692,548	701 726,757	19,660	19,195
24	34	98 145	34 125,210	666 034,209	19,517	19,052
25	35	98 048	32 623,567	631 908,999	19,370	18,904
26	36	97 955	31 189,163	599 285,432	19,215	18,749
27	37	97 852	29 814,572	568 096,270	19,054	18,589
28	38	97 738	28 497,415	538 281,698	18,889	18,423
29	39	97 624	27 238,694	509 784,282	18,715	18,250
30	40	97 496	26 031,363	482 545,588	18,537	18,071
31	41	97 365	24 876,874	456 514,225	18,351	17,885
32	42	97 217	23 769,563	431 637,351	18,159	17,694
33	43	97 059	22 709,042	407 867,787	17,961	17,495
34	44	96 886	21 692,318	385 158,745	17,756	17,290
35	45	96 700	20 718,438	363 466,427	17,543	17,078
36	46	96 496	19 784,460	342 747,988	17,324	16,858
37	47	96 275	18 889,166	322 963,529	17,098	16,632
38	48	96 027	18 029,078	304 074,362	16,866	16,400
39	49	95 752	17 203,265	286 045,285	16,627	16,162
40	50	95 445	16 409,721	268 842,020	16,383	15,917
41	51	95 112	15 648,388	252 432,299	16,132	15,666
42	52	94 750	14 917,437	236 783,911	15,873	15,407
43	53	94 345	14 214,096	221 866,474	15,609	15,143
44	54	93 894	13 536,929	207 652,378	15,340	14,874
45	55	93 408	12 886,971	194 115,449	15,063	14,597
46	56	92 871	12 261,117	181 228,478	14,781	14,315
47	57	92 292	11 659,954	168 967,361	14,491	14,026
48	58	91 657	11 081,177	157 307,408	14,196	13,730
49	59	90 960	10 523,349	146 226,231	13,895	13,430

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
50	60	90 206	9 986,719	135 702,882	13,588	13,123
51	61	89 361	9 467,137	125 716,162	13,279	12,814
52	62	88 427	8 964,785	116 249,025	12,967	12,502
53	63	87 430	8 481,955	107 284,240	12,649	12,183
54	64	86 361	8 017,514	98 802,285	12,323	11,858
55	65	85 196	7 568,712	90 784,771	11,995	11,529
56	66	83 958	7 137,598	83 216,059	11,659	11,193
57	67	82 633	6 722,449	76 078,461	11,317	10,851
58	68	81 220	6 322,936	69 356,013	10,969	10,503
59	69	79 724	5 939,206	63 033,077	10,613	10,147
60	70	78 125	5 569,423	57 093,870	10,251	9,786
61	71	76 416	5 213,001	51 524,447	9,884	9,418
62	72	74 589	4 869,300	46 311,446	9,511	9,045
63	73	72 628	4 537,103	41 442,147	9,134	8,668
64	74	70 544	4 217,122	36 905,044	8,751	8,286
65	75	68 255	3 904,606	32 687,922	8,372	7,906
66	76	65 785	3 601,229	28 783,316	7,993	7,527
67	77	63 112	3 306,139	25 182,087	7,617	7,151
68	78	60 265	3 021,058	21 875,948	7,241	6,776
69	79	57 216	2 744,674	18 854,891	6,870	6,404
70	80	53 984	2 478,117	16 110,217	6,501	6,035
71	81	50 551	2 220,623	13 632,100	6,139	5,673
72	82	46 945	1 973,418	11 411,477	5,783	5,317
73	83	43 154	1 735,931	9 438,060	5,437	4,971
74	84	39 240	1 510,527	7 702,128	5,099	4,633
75	85	35 170	1 295,535	6 191,601	4,779	4,314
76	86	31 052	1 094,579	4 896,066	4,473	4,007
77	87	26 955	909,267	3 801,486	4,181	3,715
78	88	22 913	739,616	2 892,220	3,910	3,445
79	89	19 049	588,403	2 152,603	3,658	3,193
80	90	15 390	454,933	1 564,200	3,438	2,973
81	91	12 162	344,017	1 109,267	3,224	2,759
82	92	9 272	250,986	765,250	3,049	2,583
83	93	6 914	179,088	514,263	2,872	2,406
84	94	4 999	123,915	335,176	2,705	2,239
85	95	3 490	82,781	211,260	2,552	2,086
86	96	2 348	53,307	128,479	2,410	1,945
87	97	1 518	32,973	75,172	2,280	1,814
88	98	939	19,516	42,199	2,162	1,697
89	99	556	11,051	22,683	2,053	1,587
90	100	312	5,936	11,632	1,959	1,494

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä_{xy}^{(12)}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä_{xy}^{(12)}$
0	11	99 572	99 572,003	2 160 966,839	21,703	21,237	50	61	89 720	9 932,897	132 980,939	13,388	12,922
1	12	99 179	94 908,081	2 061 394,836	21,720	21,254	51	62	88 848	9 412,732	123 048,042	13,073	12,607
2	13	99 139	90 784,104	1 966 486,754	21,661	21,196	52	63	87 870	8 908,238	113 635,310	12,756	12,291
3	14	99 111	86 850,563	1 875 702,650	21,597	21,131	53	64	86 841	8 424,805	104 727,071	12,431	11,965
4	15	99 086	83 090,022	1 788 852,088	21,529	21,063	54	65	85 727	7 958,590	96 302,266	12,100	11,635
5	16	99 061	79 491,424	1 705 762,065	21,458	20,993	55	66	84 530	7 509,601	88 343,676	11,764	11,298
6	17	99 035	76 048,426	1 626 270,642	21,385	20,919	56	67	83 240	7 076,541	80 834,075	11,423	10,957
7	18	99 008	72 754,248	1 550 222,215	21,308	20,842	57	68	81 879	6 661,057	73 757,534	11,073	10,607
8	19	98 978	69 599,652	1 477 467,968	21,228	20,762	58	69	80 431	6 261,536	67 096,477	10,716	10,250
9	20	98 949	66 583,236	1 407 868,315	21,144	20,679	59	70	78 877	5 876,123	60 834,941	10,353	9,887
10	21	98 919	63 696,868	1 341 285,080	21,057	20,592	60	71	77 218	5 504,791	54 958,818	9,984	9,518
11	22	98 890	60 935,737	1 277 588,212	20,966	20,501	61	72	75 431	5 145,872	49 454,026	9,610	9,145
12	23	98 859	58 293,626	1 216 652,475	20,871	20,405	62	73	73 509	4 798,803	44 308,154	9,233	8,768
13	24	98 825	55 764,417	1 158 358,848	20,772	20,307	63	74	71 447	4 463,324	39 509,351	8,852	8,386
14	25	98 795	53 346,375	1 102 594,432	20,669	20,203	64	75	69 231	4 138,652	35 046,027	8,468	8,002
15	26	98 758	51 030,273	1 049 248,056	20,561	20,096	65	76	66 791	3 820,821	30 907,375	8,089	7,624
16	27	98 717	48 812,548	998 217,784	20,450	19,984	66	77	64 174	3 513,024	27 086,554	7,710	7,245
17	28	98 665	46 685,896	949 405,235	20,336	19,870	67	78	61 362	3 214,480	23 573,529	7,334	6,868
18	29	98 607	44 649,070	902 719,339	20,218	19,752	68	79	58 333	2 924,178	20 359,049	6,962	6,497
19	30	98 531	42 693,558	858 070,269	20,098	19,633	69	80	55 138	2 645,026	17 434,871	6,592	6,126
20	31	98 455	40 823,557	815 376,710	19,973	19,508	70	81	51 729	2 374,617	14 789,845	6,228	5,763
21	32	98 372	39 032,799	774 553,154	19,844	19,378	71	82	48 145	2 114,943	12 415,229	5,870	5,405
22	33	98 284	37 318,543	735 520,354	19,709	19,244	72	83	44 357	1 864,595	10 300,286	5,524	5,059
23	34	98 196	35 679,497	698 201,812	19,569	19,103	73	84	40 448	1 627,068	8 435,691	5,185	4,719
24	35	98 103	34 110,715	662 522,314	19,423	18,957	74	85	36 403	1 401,292	6 808,623	4,859	4,393
25	36	98 009	32 610,591	628 411,600	19,270	18,805	75	86	32 259	1 188,323	5 407,330	4,550	4,085
26	37	97 909	31 174,341	595 801,009	19,112	18,646	76	87	28 126	991,445	4 219,007	4,255	3,790
27	38	97 799	29 798,660	564 626,668	18,948	18,482	77	88	24 036	810,801	3 227,561	3,981	3,515
28	39	97 683	28 481,550	534 828,007	18,778	18,312	78	89	20 111	649,171	2 416,761	3,723	3,257
29	40	97 560	27 220,674	506 346,457	18,602	18,136	79	90	16 353	505,134	1 767,590	3,499	3,034
30	41	97 427	26 012,979	479 125,782	18,419	17,953	80	91	13 008	384,511	1 262,456	3,283	2,818
31	42	97 287	24 856,935	453 112,803	18,229	17,763	81	92	10 001	282,890	877,944	3,103	2,638
32	43	97 131	23 748,406	428 255,868	18,033	17,567	82	93	7 518	203,493	595,054	2,924	2,459
33	44	96 960	22 685,789	404 507,461	17,831	17,365	83	94	5 481	141,971	391,561	2,758	2,292
34	45	96 777	21 667,955	381 821,672	17,621	17,156	84	95	3 870	95,925	249,590	2,602	2,136
35	46	96 577	20 692,142	360 153,717	17,405	16,940	85	96	2 635	62,495	153,665	2,459	1,993
36	47	96 360	19 756,581	339 461,576	17,182	16,717	86	97	1 727	39,196	91,169	2,326	1,860
37	48	96 118	18 858,280	319 704,994	16,953	16,487	87	98	1 086	23,583	51,973	2,204	1,738
38	49	95 857	17 997,194	300 846,714	16,716	16,251	88	99	652	13,560	28,389	2,094	1,628
39	50	95 555	17 167,867	282 849,520	16,476	16,010	89	100	375	7,450	14,830	1,991	1,525
40	51	95 235	16 373,570	265 681,653	16,226	15,761							
41	52	94 880	15 610,100	249 308,082	15,971	15,505							
42	53	94 490	14 876,483	233 697,983	15,709	15,244							
43	54	94 062	14 171,361	218 821,500	15,441	14,975							
44	55	93 594	13 493,729	204 650,139	15,166	14,701							
45	56	93 077	12 841,310	191 156,410	14,886	14,420							
46	57	92 521	12 214,865	178 315,099	14,598	14,133							
47	58	91 923	11 613,354	166 100,234	14,303	13,837							
48	59	91 253	11 032,283	154 486,880	14,003	13,538							
49	60	90 531	10 473,658	143 454,597	13,697	13,231							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	12	99 564	99 564,040	2 156 936,965	21,664	21,198	50	62	89 205	9 875,816	130 113,078	13,175	12,709
1	13	99 171	94 900,441	2 057 372,925	21,679	21,214	51	63	88 287	9 353,360	120 237,262	12,855	12,389
2	14	99 130	90 775,972	1 962 472,483	21,619	21,153	52	64	87 278	8 848,216	110 883,902	12,532	12,066
3	15	99 100	86 841,149	1 871 696,512	21,553	21,087	53	65	86 202	8 362,888	102 035,686	12,201	11,735
4	16	99 074	83 079,570	1 784 855,362	21,484	21,018	54	66	85 057	7 896,435	93 672,799	11,863	11,397
5	17	99 046	79 479,192	1 701 775,792	21,412	20,946	55	67	83 807	7 445,362	85 776,364	11,521	11,055
6	18	99 019	76 036,223	1 622 296,600	21,336	20,870	56	68	82 480	7 011,916	78 331,002	11,171	10,706
7	19	98 986	72 737,630	1 546 260,377	21,258	20,792	57	69	81 084	6 596,374	71 319,086	10,812	10,346
8	20	98 957	69 585,277	1 473 522,747	21,176	20,710	58	70	79 577	6 195,029	64 722,712	10,448	9,982
9	21	98 927	66 568,455	1 403 937,470	21,090	20,625	59	71	77 962	5 807,932	58 527,683	10,077	9,612
10	22	98 899	63 683,537	1 337 369,015	21,000	20,535	60	72	76 224	5 433,905	52 719,751	9,702	9,236
11	23	98 868	60 922,067	1 273 685,479	20,907	20,441	61	73	74 339	5 071,372	47 285,846	9,324	8,858
12	24	98 836	58 280,301	1 212 763,411	20,809	20,344	62	74	72 314	4 720,769	42 214,474	8,942	8,477
13	25	98 806	55 753,145	1 154 483,110	20,707	20,241	63	75	70 118	4 380,273	37 493,705	8,560	8,094
14	26	98 773	53 334,640	1 098 729,965	20,601	20,135	64	76	67 746	4 049,845	33 113,432	8,176	7,711
15	27	98 735	51 018,196	1 045 395,325	20,491	20,025	65	77	65 155	3 727,239	29 063,587	7,798	7,332
16	28	98 691	48 799,435	994 377,129	20,377	19,911	66	78	62 394	3 415,630	25 336,349	7,418	6,952
17	29	98 640	46 674,091	945 577,694	20,259	19,794	67	79	59 395	3 111,398	21 920,718	7,045	6,580
18	30	98 578	44 636,260	898 903,604	20,138	19,673	68	80	56 215	2 818,013	18 809,321	6,675	6,209
19	31	98 503	42 681,475	854 267,344	20,015	19,549	69	81	52 835	2 534,555	15 991,308	6,309	5,844
20	32	98 425	40 811,227	811 585,869	19,886	19,421	70	82	49 267	2 261,608	13 456,753	5,950	5,484
21	33	98 337	39 018,963	770 774,642	19,754	19,288	71	83	45 491	1 998,316	11 195,145	5,602	5,137
22	34	98 248	37 304,898	731 755,679	19,616	19,150	72	84	41 575	1 747,663	9 196,830	5,262	4,797
23	35	98 154	35 664,342	694 450,781	19,472	19,006	73	85	37 523	1 509,406	7 449,167	4,935	4,470
24	36	98 064	34 097,147	658 786,440	19,321	18,855	74	86	33 390	1 285,329	5 939,761	4,621	4,156
25	37	97 962	32 595,094	624 689,293	19,165	18,700	75	87	29 220	1 076,356	4 654,432	4,324	3,859
26	38	97 856	31 157,704	592 094,199	19,003	18,538	76	88	25 080	884,080	3 578,075	4,047	3,582
27	39	97 745	29 782,071	560 936,495	18,835	18,369	77	89	21 097	711,650	2 693,995	3,786	3,320
28	40	97 619	28 462,709	531 154,424	18,661	18,196	78	90	17 265	557,302	1 982,345	3,557	3,091
29	41	97 491	27 201,451	502 691,716	18,480	18,015	79	91	13 822	426,942	1 425,043	3,338	2,872
30	42	97 349	25 992,130	475 490,265	18,294	17,828	80	92	10 697	316,189	998,101	3,157	2,691
31	43	97 200	24 834,811	449 498,135	18,100	17,634	81	93	8 108	229,360	681,912	2,973	2,507
32	44	97 031	23 724,090	424 663,325	17,900	17,434	82	94	5 960	161,319	452,552	2,805	2,340
33	45	96 851	22 660,310	400 939,235	17,693	17,228	83	95	4 243	109,903	291,234	2,650	2,184
34	46	96 654	21 640,453	378 278,925	17,480	17,015	84	96	2 922	72,418	181,331	2,504	2,038
35	47	96 441	20 662,984	356 638,472	17,260	16,794	85	97	1 937	45,952	108,913	2,370	1,905
36	48	96 203	19 724,277	335 975,488	17,034	16,568	86	98	1 235	28,034	62,961	2,246	1,780
37	49	95 948	18 824,931	316 251,211	16,800	16,334	87	99	754	16,386	34,926	2,131	1,666
38	50	95 660	17 960,162	297 426,281	16,560	16,095	88	100	440	9,141	18,540	2,028	1,563
39	51	95 344	17 130,046	279 466,118	16,314	15,849							
40	52	95 002	16 333,508	262 336,072	16,061	15,596							
41	53	94 619	15 567,244	246 002,564	15,803	15,337							
42	54	94 206	14 831,756	230 435,320	15,537	15,071							
43	55	93 761	14 126,137	215 603,564	15,263	14,797							
44	56	93 263	13 445,919	201 477,427	14,984	14,519							
45	57	92 726	12 792,870	188 031,508	14,698	14,233							
46	58	92 151	12 166,048	175 238,638	14,404	13,938							
47	59	91 517	11 562,112	163 072,590	14,104	13,638							
48	60	90 822	10 980,189	151 510,478	13,799	13,333							
49	61	90 043	10 417,211	140 530,289	13,490	13,025							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	13	99 556	99 556,026	2 152 653,704	21,623	21,157	50	63	88 642	9 813,523	127 097,101	12,951	12,486
1	14	99 162	94 891,940	2 053 097,678	21,636	21,171	51	64	87 692	9 290,338	117 283,578	12,624	12,159
2	15	99 119	90 766,133	1 958 205,738	21,574	21,109	52	65	86 636	8 783,187	107 993,240	12,295	11,830
3	16	99 088	86 830,226	1 867 439,605	21,507	21,041	53	66	85 529	8 297,575	99 210,053	11,957	11,491
4	17	99 059	83 066,787	1 780 609,379	21,436	20,970	54	67	84 330	7 828,887	90 912,479	11,612	11,147
5	18	99 030	79 466,438	1 697 542,592	21,362	20,896	55	68	83 042	7 377,368	83 083,592	11,262	10,796
6	19	98 996	76 018,855	1 618 076,154	21,285	20,820	56	69	81 679	6 943,826	75 706,224	10,903	10,437
7	20	98 965	72 722,607	1 542 057,299	21,205	20,739	57	70	80 223	6 526,311	68 762,398	10,536	10,071
8	21	98 935	69 569,830	1 469 334,693	21,120	20,655	58	71	78 654	6 123,138	62 236,087	10,164	9,698
9	22	98 906	66 554,523	1 399 764,863	21,032	20,566	59	72	76 958	5 733,142	56 112,950	9,787	9,322
10	23	98 876	63 669,251	1 333 210,340	20,940	20,474	60	73	75 120	5 355,234	50 379,807	9,408	8,942
11	24	98 845	60 908,142	1 269 541,089	20,844	20,378	61	74	73 131	4 988,905	45 024,573	9,025	8,559
12	25	98 817	58 268,521	1 208 632,948	20,742	20,277	62	75	70 968	4 632,927	40 035,667	8,642	8,176
13	26	98 784	55 740,880	1 150 364,427	20,638	20,172	63	76	68 613	4 286,281	35 402,740	8,260	7,794
14	27	98 749	53 322,018	1 094 623,547	20,529	20,063	64	77	66 086	3 950,653	31 116,459	7,876	7,411
15	28	98 708	51 004,490	1 041 301,529	20,416	19,950	65	78	63 348	3 623,906	27 165,807	7,496	7,031
16	29	98 666	48 787,095	990 297,039	20,298	19,833	66	79	60 394	3 306,097	23 541,901	7,121	6,655
17	30	98 612	46 660,699	941 509,945	20,178	19,712	67	80	57 238	2 998,435	20 235,804	6,749	6,283
18	31	98 550	44 623,626	894 849,245	20,053	19,588	68	81	53 867	2 700,317	17 237,368	6,383	5,918
19	32	98 473	42 668,584	850 225,619	19,926	19,461	69	82	50 321	2 413,934	14 537,052	6,022	5,557
20	33	98 390	40 796,761	807 557,036	19,795	19,329	70	83	46 550	2 136,893	12 123,117	5,673	5,208
21	34	98 301	39 004,697	766 760,275	19,658	19,193	71	84	42 638	1 872,998	9 986,224	5,332	4,866
22	35	98 206	37 289,052	727 755,579	19,517	19,051	72	85	38 568	1 621,280	8 113,226	5,004	4,539
23	36	98 115	35 650,156	690 466,527	19,368	18,902	73	86	34 418	1 384,496	6 491,946	4,689	4,223
24	37	98 017	34 080,943	654 816,371	19,214	18,748	74	87	30 244	1 164,222	5 107,451	4,387	3,921
25	38	97 910	32 577,698	620 735,428	19,054	18,588	75	88	26 056	959,796	3 943,229	4,108	3,643
26	39	97 802	31 140,358	588 157,729	18,887	18,422	76	89	22 013	775,968	2 983,433	3,845	3,379
27	40	97 680	29 762,369	557 017,371	18,715	18,250	77	90	18 111	610,940	2 207,465	3,613	3,148
28	41	97 550	28 442,607	527 255,003	18,538	18,072	78	91	14 592	471,034	1 596,525	3,389	2,924
29	42	97 413	27 179,649	498 812,395	18,352	17,887	79	92	11 366	351,080	1 125,491	3,206	2,740
30	43	97 262	25 968,994	471 632,747	18,161	17,696	80	93	8 673	256,358	774,411	3,021	2,555
31	44	97 100	24 809,381	445 663,752	17,964	17,498	81	94	6 428	181,824	518,053	2,849	2,384
32	45	96 922	23 697,444	420 854,371	17,759	17,294	82	95	4 613	124,880	336,228	2,692	2,227
33	46	96 728	22 631,549	397 156,927	17,549	17,083	83	96	3 203	82,970	211,349	2,547	2,082
34	47	96 518	21 609,959	374 525,378	17,331	16,866	84	97	2 148	53,249	128,378	2,411	1,945
35	48	96 284	20 629,198	352 915,419	17,108	16,642	85	98	1 386	32,866	75,130	2,286	1,820
36	49	96 033	19 689,396	332 286,222	16,876	16,411	86	99	858	19,479	42,263	2,170	1,704
37	50	95 751	18 786,196	312 596,826	16,640	16,174	87	100	509	11,046	22,785	2,063	1,597
38	51	95 449	17 920,596	293 810,630	16,395	15,930							
39	52	95 111	17 088,133	275 890,034	16,145	15,680							
40	53	94 741	16 288,666	258 801,901	15,888	15,423							
41	54	94 335	15 520,441	242 513,235	15,625	15,160							
42	55	93 905	14 784,425	226 992,795	15,354	14,888							
43	56	93 429	14 076,086	212 208,370	15,076	14,610							
44	57	92 911	13 395,198	198 132,284	14,791	14,326							
45	58	92 355	12 741,743	184 737,086	14,499	14,033							
46	59	91 744	12 112,368	171 995,343	14,200	13,734							
47	60	91 085	11 507,516	159 882,976	13,894	13,428							
48	61	90 333	10 921,012	148 375,460	13,586	13,121							
49	62	89 525	10 357,347	137 454,448	13,271	12,806							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	14	99 547	99 547,108	2 148 106,764	21,579	21,113	50	64	88 045	9 747,401	123 932,998	12,714	12,249
1	15	99 151	94 881,655	2 048 559,657	21,591	21,125	51	65	87 048	9 222,060	114 185,597	12,382	11,916
2	16	99 106	90 754,715	1 953 678,001	21,527	21,061	52	66	85 960	8 714,591	104 963,537	12,045	11,579
3	17	99 072	86 816,865	1 862 923,286	21,458	20,992	53	67	84 798	8 226,595	96 248,947	11,700	11,234
4	18	99 043	83 053,457	1 776 106,421	21,385	20,919	54	68	83 559	7 757,391	88 022,351	11,347	10,881
5	19	99 007	79 448,287	1 693 052,964	21,310	20,845	55	69	82 236	7 305,730	80 264,961	10,987	10,521
6	20	98 976	76 003,154	1 613 604,677	21,231	20,765	56	70	80 812	6 870,072	72 959,231	10,620	10,154
7	21	98 943	72 706,463	1 537 601,523	21,148	20,682	57	71	79 292	6 450,575	66 089,159	10,245	9,780
8	22	98 915	69 555,270	1 464 895,060	21,061	20,595	58	72	77 641	6 044,289	59 638,585	9,867	9,401
9	23	98 884	66 539,592	1 395 339,790	20,970	20,504	59	73	75 844	5 650,140	53 594,296	9,485	9,020
10	24	98 854	63 654,697	1 328 800,198	20,875	20,410	60	74	73 899	5 268,152	47 944,156	9,101	8,635
11	25	98 825	60 895,830	1 265 145,501	20,776	20,310	61	75	71 770	4 896,074	42 676,004	8,716	8,251
12	26	98 795	58 255,703	1 204 249,671	20,672	20,206	62	76	69 446	4 533,514	37 779,930	8,333	7,868
13	27	98 760	55 727,688	1 145 993,968	20,564	20,099	63	77	66 933	4 181,298	33 246,416	7,951	7,486
14	28	98 723	53 307,693	1 090 266,280	20,452	19,987	64	78	64 254	3 841,126	29 065,118	7,567	7,101
15	29	98 683	50 991,592	1 036 958,587	20,336	19,870	65	79	61 317	3 507,693	25 223,992	7,191	6,725
16	30	98 637	48 773,097	985 966,995	20,215	19,750	66	80	58 201	3 186,066	21 716,299	6,816	6,350
17	31	98 584	46 647,493	937 193,898	20,091	19,625	67	81	54 848	2 873,204	18 530,233	6,449	5,984
18	32	98 521	44 610,149	890 546,406	19,963	19,497	68	82	51 303	2 571,808	15 657,029	6,088	5,622
19	33	98 438	42 653,459	845 936,257	19,833	19,367	69	83	47 546	2 280,820	13 085,221	5,737	5,271
20	34	98 354	40 781,844	803 282,798	19,697	19,231	70	84	43 631	2 002,885	10 804,401	5,394	4,929
21	35	98 259	38 988,128	762 500,954	19,557	19,092	71	85	39 554	1 737,551	8 801,516	5,065	4,600
22	36	98 167	37 274,220	723 512,826	19,411	18,945	72	86	35 377	1 487,111	7 063,965	4,750	4,285
23	37	98 069	35 633,214	686 238,606	19,258	18,793	73	87	31 175	1 254,045	5 576,854	4,447	3,981
24	38	97 965	34 062,755	650 605,392	19,100	18,635	74	88	26 969	1 038,146	4 322,809	4,164	3,698
25	39	97 856	32 559,562	616 542,637	18,936	18,470	75	89	22 869	842,425	3 284,663	3,899	3,433
26	40	97 737	31 119,757	583 983,075	18,766	18,300	76	90	18 898	666,156	2 442,238	3,666	3,201
27	41	97 611	29 741,350	552 863,318	18,589	18,123	77	91	15 308	516,369	1 776,082	3,440	2,974
28	42	97 471	28 419,811	523 121,968	18,407	17,941	78	92	11 999	387,338	1 259,713	3,252	2,787
29	43	97 326	27 155,456	494 702,157	18,217	17,752	79	93	9 215	284,647	872,375	3,065	2,599
30	44	97 163	25 942,404	467 546,701	18,022	17,557	80	94	6 875	203,227	587,729	2,892	2,426
31	45	96 991	24 781,517	441 604,297	17,820	17,354	81	95	4 976	140,753	384,502	2,732	2,266
32	46	96 799	23 667,366	416 822,781	17,612	17,146	82	96	3 483	94,277	243,748	2,585	2,120
33	47	96 592	22 599,658	393 155,414	17,397	16,931	83	97	2 355	61,008	149,471	2,450	1,984
34	48	96 360	21 574,624	370 555,756	17,176	16,710	84	98	1 536	38,085	88,463	2,323	1,857
35	49	96 113	20 592,717	348 981,132	16,947	16,481	85	99	963	22,836	50,378	2,206	1,740
36	50	95 835	19 648,882	328 388,415	16,713	16,247	86	100	578	13,130	27,542	2,098	1,632
37	51	95 540	18 744,810	308 739,533	16,471	16,005							
38	52	95 215	17 876,748	289 994,724	16,222	15,756							
39	53	94 850	17 041,219	272 117,975	15,968	15,503							
40	54	94 456	16 239,694	255 076,756	15,707	15,241							
41	55	94 034	15 470,911	238 837,063	15,438	14,972							
42	56	93 572	14 732,041	223 366,151	15,162	14,696							
43	57	93 077	14 022,988	208 634,110	14,878	14,412							
44	58	92 539	13 341,663	194 611,122	14,587	14,121							
45	59	91 948	12 685,522	181 269,459	14,289	13,824							
46	60	91 311	12 055,173	168 583,937	13,984	13,519							
47	61	90 594	11 445,498	156 528,764	13,676	13,210							
48	62	89 814	10 858,253	145 083,267	13,362	12,896							
49	63	88 961	10 292,016	134 225,014	13,042	12,576							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	15	99 536	99 536,318	2 143 286,475	21,533	21,067	50	65	87 398	9 675,763	120 619,515	12,466	12,001
1	16	99 139	94 869,720	2 043 750,157	21,543	21,077	51	66	86 368	9 150,037	110 943,752	12,125	11,659
2	17	99 091	90 740,751	1 948 880,437	21,477	21,012	52	67	85 224	8 640,044	101 793,715	11,782	11,316
3	18	99 057	86 802,933	1 858 139,687	21,406	20,941	53	68	84 023	8 151,467	93 153,671	11,428	10,962
4	19	99 020	83 034,486	1 771 336,753	21,333	20,867	54	69	82 748	7 682,062	85 002,204	11,065	10,599
5	20	98 987	79 431,878	1 688 302,267	21,255	20,789	55	70	81 362	7 228,132	77 320,142	10,697	10,231
6	21	98 954	75 986,282	1 608 870,389	21,173	20,708	56	71	79 874	6 790,347	70 092,011	10,322	9,857
7	22	98 923	72 691,246	1 532 884,107	21,088	20,622	57	72	78 271	6 367,509	63 301,664	9,941	9,476
8	23	98 892	69 539,667	1 460 192,861	20,998	20,532	58	73	76 517	5 956,781	56 934,155	9,558	9,092
9	24	98 862	66 524,383	1 390 653,194	20,904	20,439	59	74	74 611	5 558,261	50 977,373	9,171	8,706
10	25	98 834	63 641,830	1 324 128,811	20,806	20,340	60	75	72 523	5 170,125	45 419,112	8,785	8,319
11	26	98 803	60 882,434	1 260 486,982	20,704	20,238	61	76	70 230	4 791,014	40 248,987	8,401	7,935
12	27	98 771	58 241,916	1 199 604,547	20,597	20,131	62	77	67 745	4 422,475	35 457,973	8,018	7,552
13	28	98 734	55 712,717	1 141 362,632	20,487	20,021	63	78	65 077	4 065,377	31 035,497	7,634	7,168
14	29	98 698	53 294,213	1 085 649,914	20,371	19,905	64	79	62 194	3 717,948	26 970,120	7,254	6,788
15	30	98 655	50 976,961	1 032 355,702	20,251	19,786	65	80	59 091	3 380,343	23 252,173	6,879	6,413
16	31	98 609	48 759,292	981 378,740	20,127	19,661	66	81	55 770	3 052,998	19 871,829	6,509	6,043
17	32	98 554	46 633,404	932 619,448	19,999	19,533	67	82	52 237	2 736,467	16 818,831	6,146	5,681
18	33	98 486	44 594,336	885 986,044	19,868	19,402	68	83	48 474	2 429,987	14 082,364	5,795	5,330
19	34	98 402	42 637,863	841 391,708	19,733	19,268	69	84	44 564	2 137,786	11 652,377	5,451	4,985
20	35	98 312	40 764,521	798 753,845	19,594	19,129	70	85	40 476	1 858,045	9 514,591	5,121	4,655
21	36	98 220	38 972,621	757 989,324	19,449	18,984	71	86	36 281	1 593,761	7 656,546	4,804	4,338
22	37	98 121	37 256,506	719 016,704	19,299	18,833	72	87	32 043	1 346,992	6 062,785	4,501	4,035
23	38	98 016	35 614,198	681 760,197	19,143	18,677	73	88	27 799	1 118,242	4 715,794	4,217	3,752
24	39	97 910	34 043,792	646 146,000	18,980	18,514	74	89	23 671	911,194	3 597,551	3,948	3,483
25	40	97 791	32 538,022	612 102,208	18,812	18,346	75	90	19 633	723,208	2 686,357	3,715	3,249
26	41	97 668	31 097,779	579 564,186	18,637	18,171	76	91	15 973	563,038	1 963,149	3,487	3,021
27	42	97 533	29 717,512	548 466,406	18,456	17,990	77	92	12 588	424,617	1 400,111	3,297	2,832
28	43	97 385	28 394,515	518 748,894	18,269	17,804	78	93	9 729	314,043	975,494	3,106	2,641
29	44	97 226	27 127,651	490 354,380	18,076	17,610	79	94	7 305	225,653	661,451	2,931	2,466
30	45	97 053	25 913,266	463 226,729	17,876	17,410	80	95	5 322	157,322	435,798	2,770	2,304
31	46	96 868	24 750,063	437 313,462	17,669	17,204	81	96	3 757	106,261	278,477	2,621	2,155
32	47	96 663	23 634,016	412 563,399	17,456	16,991	82	97	2 561	69,322	172,215	2,484	2,019
33	48	96 434	22 562,705	388 929,383	17,238	16,772	83	98	1 685	43,635	102,894	2,358	1,892
34	49	96 190	21 536,471	366 366,678	17,011	16,546	84	99	1 068	26,462	59,259	2,239	1,774
35	50	95 916	20 550,344	344 830,207	16,780	16,314	85	100	649	15,394	32,797	2,131	1,665
36	51	95 624	19 605,596	324 279,863	16,540	16,075							
37	52	95 306	18 698,945	304 674,267	16,294	15,828							
38	53	94 954	17 827,670	285 975,322	16,041	15,575							
39	54	94 565	16 989,984	268 147,652	15,783	15,317							
40	55	94 155	16 187,869	251 157,668	15,515	15,050							
41	56	93 701	15 416,095	234 969,799	15,242	14,776							
42	57	93 219	14 676,469	219 553,704	14,960	14,494							
43	58	92 705	13 966,944	204 877,235	14,669	14,203							
44	59	92 131	13 282,796	190 910,291	14,373	13,907							
45	60	91 514	12 625,621	177 627,495	14,069	13,603							
46	61	90 819	11 990,203	165 001,874	13,761	13,296							
47	62	90 074	11 379,724	153 011,671	13,446	12,980							
48	63	89 247	10 789,763	141 631,948	13,127	12,661							
49	64	88 361	10 222,670	130 842,185	12,799	12,334							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	16	99 524	99 523,797	2 138 183,895	21,484	21,019	50	66	86 715	9 600,197	117 157,270	12,204	11,738
1	17	99 124	94 855,122	2 038 660,097	21,492	21,027	51	67	85 629	9 071,765	107 557,073	11,856	11,391
2	18	99 075	90 726,189	1 943 804,975	21,425	20,959	52	68	84 446	8 561,141	98 485,308	11,504	11,038
3	19	99 034	86 783,106	1 853 078,786	21,353	20,887	53	69	83 207	8 072,311	89 924,168	11,140	10,674
4	20	99 000	83 017,337	1 766 295,679	21,276	20,811	54	70	81 869	7 600,466	81 851,856	10,769	10,304
5	21	98 965	79 414,245	1 683 278,343	21,196	20,731	55	71	80 418	7 144,251	74 251,390	10,393	9,928
6	22	98 933	75 970,379	1 603 864,098	21,112	20,646	56	72	78 845	6 702,906	67 107,139	10,012	9,546
7	23	98 901	72 674,939	1 527 893,719	21,024	20,558	57	73	77 137	6 275,322	60 404,233	9,626	9,160
8	24	98 870	69 523,771	1 455 218,780	20,931	20,466	58	74	75 272	5 859,917	54 128,910	9,237	8,772
9	25	98 842	66 510,936	1 385 695,009	20,834	20,368	59	75	73 222	5 454,836	48 268,993	8,849	8,383
10	26	98 812	63 627,830	1 319 184,073	20,733	20,267	60	76	70 967	5 059,184	42 814,158	8,463	7,997
11	27	98 780	60 868,025	1 255 556,243	20,628	20,162	61	77	68 510	4 673,669	37 754,973	8,078	7,613
12	28	98 745	58 226,269	1 194 688,217	20,518	20,052	62	78	65 867	4 299,868	33 081,304	7,694	7,228
13	29	98 709	55 698,629	1 136 461,948	20,404	19,938	63	79	62 990	3 935,007	28 781,436	7,314	6,849
14	30	98 670	53 278,922	1 080 763,319	20,285	19,819	64	80	59 936	3 582,964	24 846,429	6,935	6,469
15	31	98 627	50 962,533	1 027 484,398	20,162	19,696	65	81	56 623	3 239,161	21 263,464	6,564	6,099
16	32	98 580	48 744,566	976 521,864	20,033	19,568	66	82	53 116	2 907,705	18 024,303	6,199	5,733
17	33	98 519	46 616,874	927 777,299	19,902	19,437	67	83	49 357	2 585,567	15 116,598	5,847	5,381
18	34	98 450	44 578,030	881 160,425	19,767	19,301	68	84	45 434	2 277,599	12 531,031	5,502	5,036
19	35	98 360	42 619,752	836 582,395	19,629	19,163	69	85	41 342	1 983,190	10 253,433	5,170	4,705
20	36	98 273	40 748,306	793 962,643	19,485	19,019	70	86	37 126	1 704,283	8 270,242	4,853	4,387
21	37	98 174	38 954,100	753 214,336	19,336	18,870	71	87	32 863	1 443,592	6 565,959	4,548	4,083
22	38	98 068	37 236,623	714 260,236	19,182	18,716	72	88	28 573	1 201,124	5 122,367	4,265	3,799
23	39	97 962	35 594,371	677 023,613	19,021	18,555	73	89	24 399	981,496	3 921,243	3,995	3,530
24	40	97 846	34 021,270	641 429,242	18,854	18,388	74	90	20 321	782,245	2 939,748	3,758	3,292
25	41	97 722	32 515,043	607 407,972	18,681	18,215	75	91	16 594	611,259	2 157,503	3,530	3,064
26	42	97 590	31 072,855	574 892,929	18,501	18,036	76	92	13 134	462,994	1 546,244	3,340	2,874
27	43	97 446	29 691,061	543 820,075	18,316	17,850	77	93	10 206	344,268	1 083,251	3,147	2,681
28	44	97 285	28 365,440	514 129,013	18,125	17,660	78	94	7 713	248,957	738,982	2,968	2,503
29	45	97 117	27 097,182	485 763,573	17,927	17,461	79	95	5 655	174,682	490,025	2,805	2,340
30	46	96 930	25 880,377	458 666,391	17,723	17,257	80	96	4 018	118,769	315,343	2,655	2,189
31	47	96 732	24 715,187	432 786,014	17,511	17,045	81	97	2 762	78,133	196,574	2,516	2,050
32	48	96 505	23 595,372	408 070,827	17,295	16,829	82	98	1 832	49,581	118,441	2,389	1,923
33	49	96 263	22 522,805	384 475,455	17,070	16,605	83	99	1 170	30,318	68,860	2,271	1,806
34	50	95 992	21 492,157	361 952,650	16,841	16,376	84	100	720	17,838	38,542	2,161	1,695
35	51	95 704	20 505,072	340 460,494	16,604	16,138							
36	52	95 390	19 557,625	319 955,422	16,360	15,894							
37	53	95 044	18 647,609	300 397,797	16,109	15,644							
38	54	94 669	17 774,070	281 750,188	15,852	15,386							
39	55	94 263	16 935,765	263 976,118	15,587	15,121							
40	56	93 821	16 130,513	247 040,352	15,315	14,849							
41	57	93 347	15 357,943	230 909,840	15,035	14,570							
42	58	92 847	14 617,813	215 551,897	14,746	14,280							
43	59	92 296	13 905,318	200 934,084	14,450	13,985							
44	60	91 696	13 220,074	187 028,766	14,147	13,682							
45	61	91 020	12 557,577	173 808,692	13,841	13,375							
46	62	90 297	11 921,299	161 251,115	13,526	13,061							
47	63	89 505	11 307,944	149 329,816	13,206	12,740							
48	64	88 646	10 717,063	138 021,872	12,879	12,413							
49	65	87 712	10 147,539	127 304,809	12,545	12,080							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	17	99 508	99 508,483	2 132 789,646	21,433	20,968	50	67	85 973	9 518,074	113 545,375	11,929	11,464
1	18	99 108	94 839,901	2 033 281,163	21,439	20,973	51	68	84 847	8 988,919	104 027,301	11,573	11,107
2	19	99 053	90 705,466	1 938 441,262	21,371	20,905	52	69	83 626	8 478,006	95 038,382	11,210	10,744
3	20	99 013	86 765,182	1 847 735,796	21,296	20,830	53	70	82 323	7 986,571	86 560,376	10,838	10,373
4	21	98 978	82 998,908	1 760 970,613	21,217	20,751	54	71	80 919	7 512,265	78 573,805	10,459	9,994
5	22	98 944	79 397,624	1 677 971,706	21,134	20,668	55	72	79 382	7 052,253	71 061,540	10,076	9,611
6	23	98 911	75 953,337	1 598 574,082	21,047	20,581	56	73	77 704	6 605,863	64 009,286	9,690	9,224
7	24	98 878	72 658,327	1 522 620,745	20,956	20,490	57	74	75 883	6 173,278	57 403,423	9,299	8,833
8	25	98 850	69 509,718	1 449 962,418	20,860	20,394	58	75	73 872	5 750,878	51 230,145	8,908	8,443
9	26	98 820	66 496,305	1 380 452,700	20,760	20,294	59	76	71 651	5 337,786	45 479,267	8,520	8,055
10	27	98 789	63 612,772	1 313 956,395	20,656	20,190	60	77	69 229	4 935,271	40 141,480	8,134	7,668
11	28	98 753	60 851,673	1 250 343,624	20,547	20,082	61	78	66 610	4 544,098	35 206,210	7,748	7,282
12	29	98 720	58 211,545	1 189 491,951	20,434	19,968	62	79	63 754	4 161,979	30 662,112	7,367	6,902
13	30	98 681	55 682,648	1 131 280,405	20,317	19,851	63	80	60 703	3 792,143	26 500,133	6,988	6,523
14	31	98 642	53 263,842	1 075 597,757	20,194	19,728	64	81	57 432	3 433,320	22 707,990	6,614	6,148
15	32	98 597	50 947,141	1 022 333,915	20,067	19,601	65	82	53 928	3 085,009	19 274,670	6,248	5,782
16	33	98 545	48 727,287	971 386,774	19,935	19,470	66	83	50 187	2 747,362	16 189,662	5,893	5,427
17	34	98 483	46 599,829	922 659,487	19,800	19,334	67	84	46 262	2 423,422	13 442,300	5,547	5,081
18	35	98 408	44 559,095	876 059,658	19,661	19,195	68	85	42 149	2 112,893	11 018,878	5,215	4,749
19	36	98 321	42 602,800	831 500,563	19,518	19,052	69	86	37 920	1 819,072	8 905,986	4,896	4,430
20	37	98 227	40 728,942	788 897,764	19,369	18,904	70	87	33 628	1 543,701	7 086,914	4,591	4,125
21	38	98 121	38 933,311	748 168,821	19,217	18,751	71	88	29 304	1 287,263	5 543,212	4,306	3,841
22	39	98 014	37 215,893	709 235,510	19,057	18,592	72	89	25 079	1 054,242	4 255,949	4,037	3,571
23	40	97 897	35 570,823	672 019,617	18,892	18,427	73	90	20 946	842,597	3 201,707	3,800	3,334
24	41	97 777	33 997,243	636 448,794	18,721	18,255	74	91	17 176	661,157	2 359,110	3,568	3,103
25	42	97 644	32 488,982	602 451,551	18,543	18,078	75	92	13 645	502,646	1 697,953	3,378	2,912
26	43	97 503	31 045,197	569 962,568	18,359	17,894	76	93	10 649	375,383	1 195,307	3,184	2,719
27	44	97 347	29 660,659	538 917,371	18,169	17,704	77	94	8 091	272,918	819,924	3,004	2,539
28	45	97 176	28 333,582	509 256,712	17,974	17,508	78	95	5 970	192,722	547,006	2,838	2,373
29	46	96 994	27 062,790	480 923,130	17,771	17,305	79	96	4 269	131,875	354,284	2,687	2,221
30	47	96 794	25 843,908	453 860,341	17,562	17,096	80	97	2 954	87,330	222,409	2,547	2,081
31	48	96 574	24 674,775	428 016,432	17,346	16,881	81	98	1 976	55,883	135,078	2,417	1,952
32	49	96 334	23 553,645	403 341,657	17,124	16,659	82	99	1 273	34,449	79,195	2,299	1,833
33	50	96 065	22 476,461	379 788,012	16,897	16,432	83	100	789	20,437	44,746	2,189	1,724
34	51	95 780	21 444,809	357 311,552	16,662	16,196							
35	52	95 470	20 454,900	335 866,742	16,420	15,954							
36	53	95 128	19 503,932	315 411,842	16,172	15,706							
37	54	94 759	18 591,545	295 907,910	15,916	15,451							
38	55	94 366	17 717,349	277 316,366	15,652	15,187							
39	56	93 929	16 875,759	259 599,017	15,383	14,917							
40	57	93 467	16 069,665	242 723,257	15,104	14,639							
41	58	92 974	15 296,564	226 653,592	14,817	14,352							
42	59	92 437	14 553,315	211 357,029	14,523	14,057							
43	60	91 860	13 839,656	196 803,714	14,220	13,755							
44	61	91 202	13 148,826	182 964,057	13,915	13,449							
45	62	90 497	12 485,412	169 815,231	13,601	13,135							
46	63	89 727	11 846,104	157 329,819	13,281	12,816							
47	64	88 902	11 231,753	145 483,715	12,953	12,487							
48	65	87 994	10 638,299	134 251,962	12,620	12,154							
49	66	87 027	10 068,288	123 613,663	12,278	11,812							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	18	99 493	99 492,515	2 127 095,132	21,379	20,914	50	68	85 188	9 431,152	109 785,748	11,641	11,175
1	19	99 085	94 818,238	2 027 602,617	21,384	20,918	51	69	84 023	8 901,631	100 354,597	11,274	10,808
2	20	99 032	90 686,732	1 932 784,379	21,313	20,847	52	70	82 738	8 387,957	91 452,966	10,903	10,437
3	21	98 992	86 745,921	1 842 097,646	21,236	20,770	53	71	81 368	7 893,889	83 065,009	10,523	10,057
4	22	98 957	82 981,537	1 755 351,725	21,154	20,688	54	72	79 877	7 415,528	75 171,119	10,137	9,671
5	23	98 922	79 379,813	1 672 370,188	21,068	20,602	55	73	78 233	6 950,153	67 755,591	9,749	9,283
6	24	98 888	75 935,975	1 592 990,376	20,978	20,512	56	74	76 440	6 498,444	60 805,438	9,357	8,891
7	25	98 858	72 643,640	1 517 054,401	20,884	20,418	57	75	74 471	6 058,409	54 306,994	8,964	8,498
8	26	98 828	69 494,427	1 444 410,760	20,785	20,319	58	76	72 287	5 627,476	48 248,586	8,574	8,108
9	27	98 796	66 480,567	1 374 916,333	20,681	20,216	59	77	69 896	5 207,049	42 621,110	8,185	7,720
10	28	98 762	63 595,682	1 308 435,766	20,574	20,109	60	78	67 310	4 798,447	37 414,061	7,797	7,332
11	29	98 728	60 836,286	1 244 840,084	20,462	19,997	61	79	64 474	4 398,376	32 615,614	7,415	6,950
12	30	98 692	58 194,843	1 184 003,798	20,346	19,880	62	80	61 440	4 010,874	28 217,238	7,035	6,570
13	31	98 653	55 666,888	1 125 808,955	20,224	19,758	63	81	58 168	3 633,762	24 206,363	6,662	6,196
14	32	98 612	53 247,755	1 070 142,067	20,097	19,632	64	82	54 699	3 269,927	20 572,601	6,291	5,826
15	33	98 562	50 929,082	1 016 894,312	19,967	19,501	65	83	50 954	2 914,888	17 302,674	5,936	5,470
16	34	98 509	48 709,471	965 965,230	19,831	19,366	66	84	47 040	2 575,070	14 387,786	5,587	5,122
17	35	98 441	46 580,035	917 255,759	19,692	19,226	67	85	42 916	2 248,170	11 812,716	5,254	4,789
18	36	98 369	44 541,371	870 675,725	19,548	19,082	68	86	38 661	1 938,041	9 564,546	4,935	4,470
19	37	98 275	42 582,554	826 134,354	19,401	18,935	69	87	34 348	1 647,674	7 626,505	4,629	4,163
20	38	98 174	40 707,206	783 551,800	19,248	18,783	70	88	29 987	1 376,531	5 978,831	4,343	3,878
21	39	98 067	38 911,636	742 844,594	19,091	18,625	71	89	25 720	1 129,848	4 602,299	4,073	3,608
22	40	97 949	37 191,273	703 932,957	18,927	18,462	72	90	21 530	905,049	3 472,452	3,837	3,371
23	41	97 828	35 545,702	666 741,685	18,757	18,292	73	91	17 704	712,167	2 567,403	3,605	3,139
24	42	97 698	33 969,995	631 195,982	18,581	18,115	74	92	14 124	543,678	1 855,236	3,412	2,947
25	43	97 557	32 460,064	597 225,988	18,399	17,933	75	93	11 063	407,532	1 311,558	3,218	2,753
26	44	97 403	31 013,409	564 765,923	18,210	17,745	76	94	8 442	297,584	904,026	3,038	2,572
27	45	97 237	29 627,346	533 752,515	18,016	17,550	77	95	6 263	211,271	606,442	2,870	2,405
28	46	97 052	28 297,620	504 125,169	17,815	17,349	78	96	4 507	145,495	395,171	2,716	2,250
29	47	96 857	27 024,655	475 827,549	17,607	17,142	79	97	3 139	96,967	249,676	2,575	2,109
30	48	96 635	25 801,650	448 802,894	17,394	16,929	80	98	2 113	62,461	152,709	2,445	1,979
31	49	96 403	24 631,140	423 001,244	17,173	16,708	81	99	1 373	38,828	90,248	2,324	1,859
32	50	96 136	23 505,180	398 370,104	16,948	16,483	82	100	858	23,222	51,420	2,214	1,749
33	51	95 853	22 426,945	374 864,924	16,715	16,249							
34	52	95 546	21 392,338	352 437,979	16,475	16,009							
35	53	95 208	20 398,744	331 045,641	16,229	15,763							
36	54	94 842	19 445,292	310 646,897	15,975	15,510							
37	55	94 456	18 532,215	291 201,605	15,713	15,248							
38	56	94 032	17 654,574	272 669,390	15,445	14,979							
39	57	93 574	16 812,100	255 014,816	15,169	14,703							
40	58	93 093	16 005,442	238 202,716	14,883	14,417							
41	59	92 564	15 229,071	222 197,274	14,590	14,125							
42	60	92 001	14 484,594	206 968,204	14,289	13,823							
43	61	91 365	13 765,070	192 483,610	13,983	13,518							
44	62	90 678	13 073,264	178 718,540	13,671	13,205							
45	63	89 927	12 406,659	165 645,276	13,351	12,886							
46	64	89 123	11 766,286	153 238,618	13,024	12,558							
47	65	88 249	11 149,206	141 472,331	12,689	12,223							
48	66	87 307	10 555,215	130 323,125	12,347	11,881							
49	67	86 283	9 982,162	119 767,910	11,998	11,533							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	19	99 470	99 469,790	2 121 089,169	21,324	20,858	50	69	84 361	9 339,570	105 878,625	11,337	10,871
1	20	99 065	94 798,654	2 021 619,379	21,325	20,860	51	70	83 131	8 807,082	96 539,055	10,962	10,496
2	21	99 010	90 666,601	1 926 820,725	21,252	20,786	52	71	81 778	8 290,617	87 731,973	10,582	10,116
3	22	98 971	86 727,766	1 836 154,124	21,171	20,706	53	72	80 320	7 792,238	79 441,356	10,195	9,729
4	23	98 935	82 962,921	1 749 426,358	21,087	20,621	54	73	78 721	7 308,168	71 649,118	9,804	9,338
5	24	98 899	79 361,668	1 666 463,437	20,998	20,533	55	74	76 961	6 837,135	64 340,950	9,411	8,945
6	25	98 868	75 920,626	1 587 101,769	20,905	20,439	56	75	75 018	6 377,524	57 503,815	9,017	8,551
7	26	98 836	72 627,660	1 511 181,143	20,807	20,342	57	76	72 873	5 928,408	51 126,291	8,624	8,158
8	27	98 805	69 477,980	1 438 553,483	20,705	20,240	58	77	70 516	5 489,644	45 197,883	8,233	7,768
9	28	98 770	66 462,707	1 369 075,503	20,599	20,134	59	78	67 958	5 062,690	39 708,240	7,843	7,378
10	29	98 737	63 579,600	1 302 612,795	20,488	20,022	60	79	65 151	4 644,569	34 645,549	7,459	6,994
11	30	98 700	60 818,830	1 239 033,195	20,373	19,907	61	80	62 133	4 238,689	30 000,980	7,078	6,612
12	31	98 664	58 178,372	1 178 214,364	20,252	19,786	62	81	58 874	3 843,358	25 762,291	6,703	6,237
13	32	98 623	55 650,075	1 120 035,992	20,126	19,661	63	82	55 400	3 460,830	21 918,933	6,333	5,868
14	33	98 577	53 228,880	1 064 385,917	19,996	19,531	64	83	51 683	3 089,609	18 458,103	5,974	5,509
15	34	98 526	50 910,461	1 011 157,037	19,861	19,396	65	84	47 759	2 732,091	15 368,494	5,625	5,160
16	35	98 467	48 688,780	960 246,576	19,722	19,257	66	85	43 638	2 388,852	12 636,404	5,290	4,824
17	36	98 402	46 561,507	911 557,796	19,577	19,112	67	86	39 365	2 062,124	10 247,551	4,969	4,504
18	37	98 322	44 520,204	864 996,289	19,429	18,964	68	87	35 018	1 755,433	8 185,428	4,663	4,197
19	38	98 222	42 559,828	820 476,085	19,278	18,813	69	88	30 628	1 469,245	6 429,994	4,376	3,911
20	39	98 119	40 684,544	777 916,256	19,121	18,655	70	89	26 320	1 208,199	4 960,749	4,106	3,640
21	40	98 002	38 885,894	737 231,713	18,959	18,493	71	90	22 080	969,955	3 752,550	3,869	3,403
22	41	97 880	37 165,007	698 345,818	18,790	18,325	72	91	18 197	764,951	2 782,595	3,638	3,172
23	42	97 749	35 517,212	661 180,811	18,616	18,150	73	92	14 558	585,624	2 017,644	3,445	2,980
24	43	97 611	33 939,758	625 663,598	18,435	17,969	74	93	11 451	440,800	1 432,020	3,249	2,783
25	44	97 457	32 426,827	591 723,840	18,248	17,782	75	94	8 770	323,070	991,219	3,068	2,603
26	45	97 294	30 978,576	559 297,013	18,054	17,589	76	95	6 535	230,365	668,149	2,900	2,435
27	46	97 114	29 589,742	528 318,437	17,855	17,389	77	96	4 728	159,498	437,784	2,745	2,279
28	47	96 916	28 257,745	498 728,695	17,649	17,184	78	97	3 314	106,982	278,286	2,601	2,136
29	48	96 699	26 980,467	470 470,950	17,437	16,972	79	98	2 245	69,354	171,305	2,470	2,004
30	49	96 464	25 756,022	443 490,483	17,219	16,753	80	99	1 468	43,399	101,951	2,349	1,884
31	50	96 204	24 580,457	417 734,461	16,995	16,529	81	100	925	26,174	58,552	2,237	1,771
32	51	95 924	23 453,398	393 154,004	16,763	16,298							
33	52	95 619	22 372,071	369 700,606	16,525	16,059							
34	53	95 284	21 333,608	347 328,535	16,281	15,815							
35	54	94 922	20 337,414	325 994,926	16,029	15,564							
36	55	94 539	19 383,238	305 657,513	15,769	15,304							
37	56	94 121	18 466,552	286 274,274	15,502	15,037							
38	57	93 677	17 587,977	267 807,722	15,227	14,761							
39	58	93 200	16 744,910	250 219,745	14,943	14,477							
40	59	92 683	15 934,821	233 474,835	14,652	14,186							
41	60	92 127	15 157,158	217 540,015	14,352	13,887							
42	61	91 505	14 406,531	202 382,856	14,048	13,582							
43	62	90 840	13 685,966	187 976,325	13,735	13,269							
44	63	90 106	12 990,802	174 290,359	13,416	12,951							
45	64	89 321	12 323,064	161 299,557	13,089	12,624							
46	65	88 468	11 679,811	148 976,492	12,755	12,289							
47	66	87 560	11 062,132	137 296,682	12,411	11,946							
48	67	86 560	10 464,923	126 234,549	12,063	11,597							
49	68	85 495	9 891,002	115 769,626	11,705	11,239							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	20	99 449	99 449,245	2 114 766,517	21,265	20,799	50	70	83 465	9 240,369	101 824,146	11,019	10,554
1	21	99 043	94 777,610	2 015 317,272	21,264	20,798	51	71	82 166	8 704,878	92 583,777	10,636	10,170
2	22	98 989	90 647,625	1 920 539,661	21,187	20,721	52	72	80 724	8 183,857	83 878,899	10,249	9,784
3	23	98 949	86 708,311	1 829 892,036	21,104	20,638	53	73	79 157	7 679,424	75 695,041	9,857	9,391
4	24	98 912	82 943,958	1 743 183,726	21,016	20,551	54	74	77 440	7 189,329	68 015,617	9,461	8,995
5	25	98 879	79 345,626	1 660 239,768	20,924	20,459	55	75	75 529	6 709,913	60 826,288	9,065	8,600
6	26	98 847	75 903,925	1 580 894,142	20,828	20,362	56	76	73 408	6 240,676	54 116,376	8,672	8,206
7	27	98 813	72 610,472	1 504 990,217	20,727	20,261	57	77	71 088	5 783,204	47 875,700	8,278	7,813
8	28	98 778	69 459,315	1 432 379,746	20,622	20,156	58	78	68 561	5 337,450	42 092,496	7,886	7,421
9	29	98 745	66 445,901	1 362 920,431	20,512	20,046	59	79	65 779	4 900,339	36 755,046	7,501	7,035
10	30	98 709	63 561,358	1 296 474,530	20,397	19,932	60	80	62 786	4 475,944	31 854,707	7,117	6,651
11	31	98 672	60 801,617	1 232 913,172	20,278	19,812	61	81	59 538	4 061,658	27 378,763	6,741	6,275
12	32	98 634	58 160,801	1 172 111,555	20,153	19,687	62	82	56 072	3 660,451	23 317,105	6,370	5,904
13	33	98 588	55 630,349	1 113 950,754	20,024	19,559	63	83	52 345	3 269,985	19 656,654	6,011	5,546
14	34	98 541	53 209,418	1 058 320,405	19,890	19,424	64	84	48 442	2 895,855	16 386,669	5,659	5,193
15	35	98 484	50 888,835	1 005 110,988	19,751	19,285	65	85	44 305	2 534,518	13 490,815	5,323	4,857
16	36	98 428	48 669,414	954 222,153	19,606	19,141	66	86	40 027	2 191,164	10 956,297	5,000	4,535
17	37	98 355	46 539,380	905 552,739	19,458	18,992	67	87	35 656	1 867,825	8 765,134	4,693	4,227
18	38	98 269	44 496,445	859 013,358	19,305	18,840	68	88	31 226	1 565,335	6 897,309	4,406	3,941
19	39	98 167	42 536,135	814 516,914	19,149	18,683	69	89	26 883	1 289,575	5 331,974	4,135	3,669
20	40	98 055	40 657,629	771 980,779	18,987	18,522	70	90	22 595	1 037,218	4 042,399	3,897	3,432
21	41	97 933	38 858,432	731 323,150	18,820	18,355	71	91	18 663	819,810	3 005,180	3,666	3,200
22	42	97 801	37 135,220	692 464,718	18,647	18,182	72	92	14 964	629,030	2 185,370	3,474	3,009
23	43	97 662	35 485,599	655 329,498	18,467	18,002	73	93	11 803	474,809	1 556,340	3,278	2,812
24	44	97 511	33 905,006	619 843,899	18,282	17,816	74	94	9 078	349,443	1 081,531	3,095	2,629
25	45	97 347	32 390,407	585 938,893	18,090	17,624	75	95	6 789	250,094	732,088	2,927	2,462
26	46	97 170	30 939,257	553 548,486	17,891	17,426	76	96	4 934	173,913	481,994	2,771	2,306
27	47	96 977	29 548,047	522 609,229	17,687	17,221	77	97	3 477	117,278	308,081	2,627	2,161
28	48	96 757	28 211,541	493 061,183	17,477	17,012	78	98	2 370	76,516	190,803	2,494	2,028
29	49	96 528	26 932,754	464 849,642	17,260	16,794	79	99	1 560	48,188	114,286	2,372	1,906
30	50	96 266	25 703,025	437 916,888	17,038	16,572	80	100	990	29,255	66,099	2,259	1,794
31	51	95 992	24 526,307	412 213,863	16,807	16,341							
32	52	95 689	23 396,012	387 687,557	16,571	16,105							
33	53	95 356	22 310,651	364 291,544	16,328	15,863							
34	54	94 997	21 269,468	341 980,893	16,078	15,613							
35	55	94 619	20 272,513	320 711,425	15,820	15,354							
36	56	94 204	19 314,560	300 438,912	15,555	15,089							
37	57	93 766	18 396,893	281 124,352	15,281	14,815							
38	58	93 303	17 517,686	262 727,459	14,998	14,532							
39	59	92 789	16 671,026	245 209,774	14,709	14,243							
40	60	92 245	15 859,576	228 538,748	14,410	13,945							
41	61	91 630	15 075,471	212 679,172	14,108	13,642							
42	62	90 979	14 323,741	197 603,701	13,796	13,330							
43	63	90 267	13 599,640	183 279,960	13,477	13,011							
44	64	89 499	12 903,272	169 680,320	13,150	12,685							
45	65	88 664	12 232,497	156 777,048	12,816	12,351							
46	66	87 777	11 588,593	144 544,551	12,473	12,007							
47	67	86 811	10 967,504	132 955,958	12,123	11,657							
48	68	85 770	10 369,354	121 988,454	11,764	11,299							
49	69	84 664	9 794,954	111 619,100	11,396	10,930							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	21	99 427	99 427,169	2 108 112,358	21,203	20,737	50	71	82 496	9 133,137	97 625,584	10,689	10,224
1	22	99 022	94 757,774	2 008 685,189	21,198	20,732	51	72	81 108	8 592,784	88 492,446	10,298	9,833
2	23	98 967	90 627,290	1 913 927,415	21,119	20,653	52	73	79 556	8 065,374	79 899,663	9,907	9,441
3	24	98 926	86 688,491	1 823 300,125	21,033	20,567	53	74	77 870	7 554,548	71 834,289	9,509	9,043
4	25	98 892	82 927,192	1 736 611,635	20,941	20,476	54	75	76 000	7 055,553	64 279,741	9,111	8,645
5	26	98 857	79 328,172	1 653 684,443	20,846	20,381	55	76	73 908	6 565,932	57 224,188	8,715	8,250
6	27	98 823	75 885,961	1 574 356,271	20,746	20,281	56	77	71 610	6 087,824	50 658,256	8,321	7,856
7	28	98 786	72 590,965	1 498 470,310	20,643	20,177	57	78	69 117	5 622,872	44 570,433	7,927	7,461
8	29	98 753	69 441,751	1 425 879,345	20,533	20,068	58	79	66 363	5 166,288	38 947,560	7,539	7,073
9	30	98 717	66 426,836	1 356 437,595	20,420	19,954	59	80	63 391	4 722,427	33 781,273	7,153	6,688
10	31	98 681	63 543,368	1 290 010,759	20,301	19,836	60	81	60 164	4 289,003	29 058,845	6,775	6,310
11	32	98 642	60 783,253	1 226 467,390	20,178	19,712	61	82	56 705	3 868,362	24 769,842	6,403	5,938
12	33	98 599	58 140,185	1 165 684,137	20,050	19,584	62	83	52 980	3 458,598	20 901,480	6,043	5,578
13	34	98 552	55 610,008	1 107 543,953	19,916	19,451	63	84	49 062	3 064,919	17 442,882	5,691	5,226
14	35	98 499	53 186,816	1 051 933,944	19,778	19,312	64	85	44 939	2 686,439	14 377,963	5,352	4,886
15	36	98 445	50 868,594	998 747,129	19,634	19,168	65	86	40 639	2 324,775	11 691,524	5,029	4,563
16	37	98 381	48 646,286	947 878,535	19,485	19,020	66	87	36 255	1 984,706	9 366,750	4,719	4,254
17	38	98 303	46 514,543	899 232,249	19,332	18,867	67	88	31 794	1 665,555	7 382,043	4,432	3,967
18	39	98 215	44 471,673	852 717,706	19,174	18,709	68	89	27 407	1 373,914	5 716,488	4,161	3,695
19	40	98 103	42 507,995	808 246,033	19,014	18,548	69	90	23 078	1 107,078	4 342,574	3,923	3,457
20	41	97 985	40 628,915	765 738,038	18,847	18,382	70	91	19 097	876,662	3 235,495	3,691	3,225
21	42	97 854	38 827,287	725 109,123	18,675	18,210	71	92	15 346	674,141	2 358,833	3,499	3,033
22	43	97 714	37 102,166	686 281,836	18,497	18,031	72	93	12 132	510,001	1 684,693	3,303	2,838
23	44	97 562	35 449,264	649 179,670	18,313	17,847	73	94	9 357	376,404	1 174,692	3,121	2,655
24	45	97 402	33 866,926	613 730,406	18,122	17,656	74	95	7 027	270,510	798,288	2,951	2,485
25	46	97 224	32 349,296	579 863,480	17,925	17,459	75	96	5 126	188,808	527,778	2,795	2,330
26	47	97 033	30 895,660	547 514,184	17,721	17,256	76	97	3 628	127,877	338,970	2,651	2,185
27	48	96 818	29 499,732	516 618,524	17,513	17,047	77	98	2 487	83,881	211,093	2,517	2,051
28	49	96 586	28 161,650	487 118,792	17,297	16,832	78	99	1 647	53,164	127,212	2,393	1,927
29	50	96 329	26 877,336	458 957,142	17,076	16,610	79	100	1 052	32,483	74,048	2,280	1,814
30	51	96 054	25 646,401	432 079,806	16,848	16,382							
31	52	95 758	24 466,296	406 433,405	16,612	16,146							
32	53	95 427	23 331,782	381 967,109	16,371	15,905							
33	54	95 070	22 243,573	358 635,327	16,123	15,657							
34	55	94 694	21 201,592	336 391,754	15,866	15,401							
35	56	94 284	20 200,684	315 190,161	15,603	15,137							
36	57	93 849	19 241,702	294 989,478	15,331	14,865							
37	58	93 392	18 323,368	275 747,776	15,049	14,583							
38	59	92 891	17 440,392	257 424,408	14,760	14,295							
39	60	92 351	16 592,305	239 984,016	14,464	13,998							
40	61	91 748	15 774,103	223 391,711	14,162	13,696							
41	62	91 104	14 988,837	207 617,607	13,851	13,386							
42	63	90 405	14 233,392	192 628,770	13,534	13,068							
43	64	89 659	13 508,007	178 395,378	13,207	12,741							
44	65	88 841	12 808,441	164 887,371	12,873	12,408							
45	66	87 972	12 136,963	152 078,931	12,530	12,065							
46	67	87 026	11 489,461	139 941,968	12,180	11,714							
47	68	86 018	10 867,345	128 452,507	11,820	11,354							
48	69	84 937	10 268,661	117 585,161	11,451	10,985							
49	70	83 765	9 690,916	107 316,500	11,074	10,608							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	22	99 406	99 406,360	2 101 115,109	21,137	20,671	50	72	81 434	9 015,528	93 286,819	10,347	9,882
1	23	99 000	94 736,517	2 001 708,749	21,129	20,664	51	73	79 934	8 468,380	84 271,291	9,951	9,486
2	24	98 945	90 606,574	1 906 972,232	21,047	20,581	52	74	78 262	7 934,221	75 802,911	9,554	9,088
3	25	98 906	86 670,968	1 816 365,658	20,957	20,491	53	75	76 421	7 413,976	67 868,690	9,154	8,689
4	26	98 870	82 908,949	1 729 694,690	20,863	20,397	54	76	74 369	6 904,155	60 454,714	8,756	8,291
5	27	98 834	79 309,397	1 646 785,741	20,764	20,298	55	77	72 098	6 405,114	53 550,558	8,361	7,895
6	28	98 797	75 865,574	1 567 476,343	20,661	20,196	56	78	69 625	5 919,047	47 145,444	7,965	7,499
7	29	98 761	72 572,609	1 491 610,769	20,553	20,088	57	79	66 901	5 442,557	41 226,398	7,575	7,109
8	30	98 725	69 421,826	1 419 038,160	20,441	19,975	58	80	63 953	4 978,721	35 783,841	7,187	6,722
9	31	98 689	66 408,035	1 349 616,334	20,323	19,857	59	81	60 743	4 525,192	30 805,120	6,807	6,342
10	32	98 651	63 524,177	1 283 208,299	20,200	19,735	60	82	57 300	4 084,888	26 279,928	6,433	5,968
11	33	98 607	60 761,707	1 219 684,122	20,073	19,608	61	83	53 578	3 655,044	22 195,040	6,072	5,607
12	34	98 563	58 118,926	1 158 922,415	19,941	19,475	62	84	49 657	3 241,704	18 539,996	5,719	5,254
13	35	98 510	55 586,387	1 100 803,489	19,803	19,338	63	85	45 514	2 843,277	15 298,292	5,381	4,915
14	36	98 460	53 165,660	1 045 217,102	19,660	19,194	64	86	41 220	2 464,124	12 455,015	5,055	4,589
15	37	98 398	50 844,420	992 051,442	19,512	19,046	65	87	36 810	2 105,728	9 990,891	4,745	4,279
16	38	98 328	48 620,324	941 207,021	19,358	18,893	66	88	32 329	1 769,779	7 885,163	4,455	3,990
17	39	98 248	46 488,648	892 586,697	19,200	18,734	67	89	27 906	1 461,879	6 115,384	4,183	3,718
18	40	98 150	44 442,253	846 098,050	19,038	18,573	68	90	23 529	1 179,482	4 653,505	3,945	3,480
19	41	98 033	42 477,975	801 655,797	18,872	18,407	69	91	19 506	935,708	3 474,022	3,713	3,247
20	42	97 907	40 596,351	759 177,822	18,701	18,235	70	92	15 704	720,891	2 538,315	3,521	3,055
21	43	97 767	38 792,728	718 581,471	18,524	18,058	71	93	12 442	546,576	1 817,424	3,325	2,859
22	44	97 614	37 064,176	679 788,744	18,341	17,875	72	94	9 618	404,302	1 270,848	3,143	2,678
23	45	97 453	35 409,449	642 724,568	18,151	17,686	73	95	7 244	291,381	866,546	2,974	2,508
24	46	97 278	33 823,941	607 315,119	17,955	17,490	74	96	5 305	204,220	575,166	2,816	2,351
25	47	97 087	32 303,712	573 491,178	17,753	17,287	75	97	3 769	138,829	370,945	2,672	2,206
26	48	96 875	30 845,142	541 187,466	17,545	17,080	76	98	2 595	91,462	232,116	2,538	2,072
27	49	96 647	29 447,564	510 342,324	17,331	16,865	77	99	1 728	58,281	140,654	2,413	1,948
28	50	96 387	28 103,704	480 894,760	17,111	16,646	78	100	1 110	35,838	82,373	2,298	1,833
29	51	96 117	26 818,125	452 791,056	16,884	16,418							
30	52	95 819	25 583,650	425 972,932	16,650	16,185							
31	53	95 495	24 399,127	400 389,282	16,410	15,944							
32	54	95 140	23 261,634	375 990,155	16,164	15,698							
33	55	94 766	22 172,589	352 728,521	15,908	15,443							
34	56	94 358	21 126,472	330 555,932	15,647	15,181							
35	57	93 928	20 124,483	309 429,460	15,376	14,910							
36	58	93 474	19 164,801	289 304,978	15,096	14,630							
37	59	92 980	18 242,520	270 140,177	14,808	14,343							
38	60	92 453	17 358,038	251 897,657	14,512	14,046							
39	61	91 853	16 502,883	234 539,619	14,212	13,746							
40	62	91 221	15 683,454	218 036,735	13,902	13,437							
41	63	90 529	14 894,293	202 353,281	13,586	13,120							
42	64	89 796	14 137,489	187 458,989	13,260	12,794							
43	65	89 000	13 408,731	173 321,499	12,926	12,460							
44	66	88 147	12 708,409	159 912,768	12,583	12,118							
45	67	87 219	12 033,140	147 204,360	12,233	11,768							
46	68	86 231	11 384,536	135 171,220	11,873	11,408							
47	69	85 183	10 761,817	123 786,684	11,502	11,037							
48	70	84 035	10 159,592	113 024,867	11,125	10,659							
49	71	82 793	9 578,456	102 865,275	10,739	10,274							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	23	99 384	99 384,060	2 093 759,727	21,067	20,602	50	73	80 255	8 885,004	88 814,383	9,996	9,530
1	24	98 977	94 714,862	1 994 375,667	21,057	20,591	51	74	78 634	8 330,674	79 929,380	9,595	9,129
2	25	98 925	90 588,259	1 899 660,805	20,970	20,505	52	75	76 806	7 786,585	71 598,706	9,195	8,730
3	26	98 884	86 651,902	1 809 072,546	20,877	20,412	53	76	74 781	7 254,888	63 812,121	8,796	8,330
4	27	98 847	82 889,328	1 722 420,644	20,780	20,314	54	77	72 547	6 735,053	56 557,234	8,397	7,932
5	28	98 807	79 288,091	1 639 531,316	20,678	20,213	55	78	70 099	6 227,540	49 822,180	8,000	7,535
6	29	98 772	75 846,390	1 560 243,225	20,571	20,105	56	79	67 392	5 729,233	43 594,640	7,609	7,144
7	30	98 733	72 551,786	1 484 396,835	20,460	19,994	57	80	64 472	5 244,960	37 865,407	7,219	6,754
8	31	98 697	69 402,178	1 411 845,049	20,343	19,877	58	81	61 282	4 770,782	32 620,447	6,838	6,372
9	32	98 659	66 387,978	1 342 442,871	20,221	19,756	59	82	57 852	4 309,837	27 849,666	6,462	5,996
10	33	98 616	63 501,659	1 276 054,893	20,095	19,629	60	83	54 141	3 859,630	23 539,829	6,099	5,633
11	34	98 571	60 739,491	1 212 553,234	19,963	19,498	61	84	50 218	3 425,830	19 680,199	5,745	5,279
12	35	98 521	58 094,239	1 151 813,743	19,827	19,361	62	85	46 066	3 007,278	16 254,369	5,405	4,939
13	36	98 471	55 564,277	1 093 719,504	19,684	19,218	63	86	41 748	2 607,983	13 247,091	5,079	4,614
14	37	98 413	53 140,395	1 038 155,228	19,536	19,070	64	87	37 336	2 231,947	10 639,108	4,767	4,301
15	38	98 346	50 817,285	985 014,832	19,383	18,918	65	88	32 823	1 877,695	8 407,161	4,477	4,012
16	39	98 274	48 593,256	934 197,547	19,225	18,759	66	89	28 376	1 553,358	6 529,465	4,203	3,738
17	40	98 183	46 457,893	885 604,291	19,063	18,597	67	90	23 957	1 254,998	4 976,107	3,965	3,499
18	41	98 080	44 410,866	839 146,397	18,895	18,429	68	91	19 887	996,904	3 721,109	3,733	3,267
19	42	97 955	42 443,929	794 735,531	18,724	18,259	69	92	16 040	769,445	2 724,205	3,540	3,075
20	43	97 820	40 560,217	752 291,602	18,548	18,082	70	93	12 732	584,479	1 954,760	3,344	2,879
21	44	97 667	38 753,006	711 731,385	18,366	17,900	71	94	9 864	433,297	1 370,281	3,162	2,697
22	45	97 505	37 022,547	672 978,379	18,178	17,712	72	95	7 445	312,977	936,984	2,994	2,528
23	46	97 329	35 364,506	635 955,832	17,983	17,517	73	96	5 468	219,977	624,007	2,837	2,371
24	47	97 141	33 776,279	600 591,326	17,781	17,316	74	97	3 901	150,162	404,030	2,691	2,225
25	48	96 928	32 250,892	566 815,047	17,575	17,110	75	98	2 696	99,295	253,868	2,557	2,091
26	49	96 703	30 790,595	534 564,155	17,361	16,896	76	99	1 803	63,548	154,573	2,432	1,967
27	50	96 448	29 386,971	503 773,561	17,143	16,677	77	100	1 165	39,287	91,025	2,317	1,851
28	51	96 175	28 041,791	474 386,590	16,917	16,452							
29	52	95 882	26 752,506	446 344,798	16,684	16,219							
30	53	95 556	25 513,413	419 592,292	16,446	15,980							
31	54	95 208	24 325,770	394 078,879	16,200	15,734							
32	55	94 836	23 187,401	369 753,109	15,946	15,481							
33	56	94 431	22 094,028	346 565,708	15,686	15,220							
34	57	94 003	21 046,778	324 471,680	15,417	14,951							
35	58	93 553	20 044,054	303 424,902	15,138	14,672							
36	59	93 062	19 080,240	283 380,848	14,852	14,386							
37	60	92 541	18 156,378	264 300,608	14,557	14,091							
38	61	91 954	17 264,490	246 144,230	14,257	13,792							
39	62	91 326	16 408,046	228 879,740	13,949	13,484							
40	63	90 645	15 584,528	212 471,694	13,634	13,168							
41	64	89 919	14 793,937	196 887,166	13,309	12,843							
42	65	89 136	14 033,587	182 093,229	12,976	12,510							
43	66	88 305	13 304,011	168 059,642	12,632	12,167							
44	67	87 393	12 599,698	154 755,631	12,282	11,817							
45	68	86 423	11 923,250	142 155,933	11,923	11,457							
46	69	85 394	11 273,985	130 232,684	11,552	11,086							
47	70	84 278	10 647,510	118 958,699	11,172	10,707							
48	71	83 059	10 041,693	108 311,189	10,786	10,321							
49	72	81 727	9 455,112	98 269,496	10,393	9,928							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	24	99 361	99 361,342	2 086 033,378	20,994	20,529	50	74	78 950	8 740,523	84 217,790	9,635	9,170
1	25	98 957	94 695,717	1 986 672,036	20,980	20,514	51	75	77 171	8 175,660	75 477,267	9,232	8,766
2	26	98 903	90 568,332	1 891 976,319	20,890	20,424	52	76	75 158	7 619,501	67 301,607	8,833	8,367
3	27	98 861	86 631,394	1 801 407,987	20,794	20,328	53	77	72 950	7 077,195	59 682,106	8,433	7,967
4	28	98 821	82 867,060	1 714 776,593	20,693	20,227	54	78	70 536	6 548,333	52 604,911	8,033	7,568
5	29	98 782	79 268,041	1 631 909,534	20,587	20,122	55	79	67 851	6 027,834	46 056,578	7,641	7,175
6	30	98 743	75 824,628	1 552 641,492	20,477	20,011	56	80	64 945	5 521,228	40 028,745	7,250	6,784
7	31	98 705	72 531,252	1 476 816,864	20,361	19,895	57	81	61 779	5 025,901	34 507,516	6,866	6,400
8	32	98 667	69 381,217	1 404 285,612	20,240	19,775	58	82	58 366	4 543,738	29 481,616	6,488	6,023
9	33	98 624	66 364,446	1 334 904,396	20,115	19,649	59	83	54 662	4 072,174	24 937,877	6,124	5,658
10	34	98 580	63 478,441	1 268 539,950	19,984	19,518	60	84	50 745	3 617,586	20 865,703	5,768	5,302
11	35	98 529	60 713,690	1 205 061,510	19,848	19,383	61	85	46 586	3 178,089	17 248,117	5,427	4,962
12	36	98 482	58 071,132	1 144 347,820	19,706	19,240	62	86	42 254	2 758,412	14 070,028	5,101	4,635
13	37	98 424	55 537,872	1 086 276,688	19,559	19,094	63	87	37 814	2 362,252	11 311,616	4,788	4,323
14	38	98 361	53 112,035	1 030 738,816	19,407	18,941	64	88	33 293	1 990,246	8 949,365	4,497	4,031
15	39	98 291	50 788,995	977 626,781	19,249	18,783	65	89	28 810	1 648,077	6 959,119	4,223	3,757
16	40	98 209	48 561,109	926 837,786	19,086	18,620	66	90	24 360	1 333,531	5 311,041	3,983	3,517
17	41	98 114	46 425,083	878 276,677	18,918	18,453	67	91	20 249	1 060,730	3 977,510	3,750	3,284
18	42	98 002	44 375,271	831 851,594	18,746	18,280	68	92	16 353	819,767	2 916,779	3,558	3,092
19	43	97 867	42 406,150	787 476,323	18,570	18,104	69	93	13 005	623,846	2 097,012	3,361	2,896
20	44	97 719	40 518,686	745 070,172	18,388	17,923	70	94	10 094	463,345	1 473,166	3,179	2,714
21	45	97 557	38 709,481	704 551,487	18,201	17,735	71	95	7 636	335,422	1 009,822	3,011	2,545
22	46	97 381	36 975,557	665 842,006	18,008	17,542	72	96	5 621	236,281	674,399	2,854	2,389
23	47	97 192	35 314,674	628 866,449	17,808	17,342	73	97	4 021	161,748	438,118	2,709	2,243
24	48	96 982	33 721,051	593 551,775	17,602	17,136	74	98	2 790	107,400	276,370	2,573	2,108
25	49	96 757	32 193,858	559 830,725	17,389	16,924	75	99	1 873	68,991	168,970	2,449	1,984
26	50	96 504	30 727,238	527 636,866	17,172	16,706	76	100	1 215	42,838	99,979	2,334	1,868
27	51	96 236	29 322,232	496 909,628	16,947	16,481							
28	52	95 940	27 973,179	467 587,396	16,716	16,250							
29	53	95 619	26 679,061	439 614,218	16,478	16,012							
30	54	95 269	25 436,706	412 935,157	16,234	15,768							
31	55	94 904	24 248,141	387 498,451	15,981	15,515							
32	56	94 500	23 105,244	363 250,310	15,722	15,256							
33	57	94 074	22 010,685	340 145,066	15,454	14,988							
34	58	93 627	20 962,664	318 134,381	15,176	14,711							
35	59	93 140	19 955,613	297 171,718	14,892	14,426							
36	60	92 622	18 990,143	277 216,104	14,598	14,132							
37	61	92 042	18 058,527	258 225,962	14,299	13,834							
38	62	91 426	17 165,276	240 167,435	13,991	13,526							
39	63	90 749	16 304,550	223 002,159	13,677	13,212							
40	64	90 035	15 479,522	206 697,609	13,353	12,887							
41	65	89 258	14 685,210	191 218,087	13,021	12,556							
42	66	88 440	13 923,987	176 532,877	12,678	12,213							
43	67	87 549	13 190,205	162 608,890	12,328	11,862							
44	68	86 595	12 484,633	149 418,686	11,968	11,503							
45	69	85 583	11 807,467	136 934,052	11,597	11,132							
46	70	84 487	11 154,238	125 126,585	11,218	10,752							
47	71	83 300	10 523,949	113 972,347	10,830	10,364							
48	72	81 990	9 912,384	103 448,398	10,436	9,971							
49	73	80 544	9 318,224	93 536,014	10,038	9,572							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	25	99 341	99 341,258	2 077 921,539	20,917	20,451	50	75	77 481	8 577,883	79 508,103	9,269	8,803
1	26	98 935	94 674,886	1 978 580,282	20,899	20,433	51	76	75 515	8 000,228	70 930,219	8,866	8,400
2	27	98 879	90 546,897	1 883 905,396	20,806	20,340	52	77	73 317	7 432,878	62 929,992	8,466	8,001
3	28	98 834	86 608,121	1 793 358,499	20,707	20,241	53	78	70 927	6 880,989	55 497,114	8,065	7,600
4	29	98 796	82 846,105	1 706 750,378	20,601	20,136	54	79	68 274	6 338,339	48 616,125	7,670	7,205
5	30	98 754	79 245,298	1 623 904,273	20,492	20,027	55	80	65 388	5 808,988	42 277,786	7,278	6,812
6	31	98 715	75 803,167	1 544 658,975	20,377	19,912	56	81	62 233	5 290,631	36 468,798	6,893	6,427
7	32	98 675	72 509,346	1 468 855,808	20,257	19,792	57	82	58 839	4 786,716	31 178,168	6,513	6,048
8	33	98 632	69 356,623	1 396 346,462	20,133	19,667	58	83	55 147	4 293,177	26 391,451	6,147	5,682
9	34	98 588	66 340,180	1 326 989,840	20,003	19,537	59	84	51 234	3 816,801	22 098,274	5,790	5,324
10	35	98 538	63 451,477	1 260 649,659	19,868	19,402	60	85	47 076	3 355,978	18 281,473	5,447	4,982
11	36	98 490	60 689,541	1 197 198,183	19,727	19,261	61	86	42 731	2 915,087	14 925,495	5,120	4,654
12	37	98 435	58 043,100	1 136 508,642	19,580	19,115	62	87	38 273	2 498,507	12 010,407	4,807	4,341
13	38	98 371	55 508,232	1 078 465,106	19,429	18,963	63	88	33 719	2 106,440	9 511,901	4,516	4,050
14	39	98 306	53 082,467	1 022 956,874	19,271	18,805	64	89	29 221	1 746,865	7 405,461	4,239	3,774
15	40	98 226	50 755,395	969 874,407	19,109	18,643	65	90	24 733	1 414,846	5 658,596	3,999	3,534
16	41	98 139	48 526,814	919 119,012	18,940	18,475	66	91	20 589	1 127,107	4 243,750	3,765	3,300
17	42	98 035	46 387,874	870 592,198	18,768	18,302	67	92	16 651	872,253	3 116,643	3,573	3,107
18	43	97 915	44 335,773	824 204,324	18,590	18,124	68	93	13 259	664,646	2 244,390	3,377	2,911
19	44	97 767	42 362,729	779 868,551	18,409	17,944	69	94	10 309	494,552	1 579,744	3,194	2,729
20	45	97 610	40 473,177	737 505,822	18,222	17,756	70	95	7 814	358,683	1 085,192	3,025	2,560
21	46	97 433	38 660,349	697 032,645	18,030	17,564	71	96	5 765	253,226	726,509	2,869	2,403
22	47	97 244	36 923,454	658 372,296	17,831	17,365	72	97	4 133	173,736	473,283	2,724	2,259
23	48	97 033	35 256,930	621 448,841	17,626	17,161	73	98	2 876	115,687	299,547	2,589	2,124
24	49	96 811	33 661,418	586 191,911	17,414	16,949	74	99	1 939	74,623	183,860	2,464	1,998
25	50	96 557	32 127,615	552 530,494	17,198	16,732	75	100	1 263	46,506	109,238	2,349	1,883
26	51	96 292	30 659,546	520 402,879	16,974	16,508							
27	52	96 000	29 250,486	489 743,333	16,743	16,277							
28	53	95 676	27 896,382	460 492,847	16,507	16,042							
29	54	95 331	26 598,849	432 596,465	16,264	15,798							
30	55	94 965	25 355,532	405 997,616	16,012	15,547							
31	56	94 568	24 162,226	380 642,084	15,754	15,288							
32	57	94 144	23 018,086	356 479,858	15,487	15,021							
33	58	93 698	21 922,718	333 461,772	15,211	14,745							
34	59	93 214	20 870,170	311 539,054	14,927	14,462							
35	60	92 700	19 861,382	290 668,884	14,635	14,169							
36	61	92 123	18 887,798	270 807,502	14,338	13,872							
37	62	91 513	17 954,750	251 919,704	14,031	13,565							
38	63	90 849	17 057,003	233 964,954	13,717	13,251							
39	64	90 138	16 194,692	216 907,951	13,394	12,928							
40	65	89 373	15 365,757	200 713,259	13,062	12,597							
41	66	88 561	14 570,521	185 347,502	12,721	12,255							
42	67	87 683	13 804,877	170 776,981	12,371	11,905							
43	68	86 750	13 069,748	156 972,104	12,010	11,545							
44	69	85 754	12 363,400	143 902,356	11,639	11,174							
45	70	84 674	11 682,054	131 538,957	11,260	10,794							
46	71	83 506	11 024,796	119 856,903	10,872	10,406							
47	72	82 227	10 388,430	108 832,106	10,476	10,011							
48	73	80 803	9 768,875	98 443,677	10,077	9,612							
49	74	79 234	9 166,698	88 674,801	9,674	9,208							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	49	93 528	10 354,449	156 744,117	15,138	14,672
1	0	99 613	95 323,654	2 093 833,418	21,966	21,500	51	50	92 962	9 848,615	146 389,667	14,864	14,398
2	1	99 267	90 901,469	1 998 509,765	21,985	21,520	52	51	92 318	9 359,261	136 541,052	14,589	14,123
3	2	99 222	86 947,676	1 907 608,295	21,940	21,474	53	52	91 632	8 889,591	127 181,791	14,307	13,841
4	3	99 193	83 179,557	1 820 660,619	21,888	21,423	54	53	90 876	8 436,605	118 292,201	14,021	13,556
5	4	99 169	79 578,200	1 737 481,062	21,834	21,368	55	54	90 041	7 999,187	109 855,596	13,733	13,268
6	5	99 146	76 134,085	1 657 902,862	21,776	21,310	56	55	89 147	7 578,669	101 856,409	13,440	12,974
7	6	99 126	72 840,523	1 581 768,777	21,716	21,250	57	56	88 183	7 173,942	94 277,740	13,142	12,676
8	7	99 109	69 692,037	1 508 928,254	21,651	21,186	58	57	87 144	6 784,098	87 103,798	12,839	12,374
9	8	99 092	66 679,666	1 439 236,217	21,584	21,119	59	58	86 032	6 409,151	80 319,700	12,532	12,066
10	9	99 077	63 798,583	1 372 556,551	21,514	21,048	60	59	84 835	6 047,827	73 910,549	12,221	11,755
11	10	99 062	61 041,608	1 308 757,968	21,440	20,975	61	60	83 557	5 700,208	67 862,723	11,905	11,440
12	11	99 046	58 403,864	1 247 716,360	21,364	20,898	62	61	82 179	5 364,772	62 162,515	11,587	11,122
13	12	99 027	55 878,177	1 189 312,496	21,284	20,818	63	62	80 727	5 043,058	56 797,743	11,263	10,797
14	13	99 008	53 461,706	1 133 434,319	21,201	20,735	64	63	79 204	4 734,822	51 754,685	10,931	10,465
15	14	98 984	51 147,266	1 079 972,613	21,115	20,649	65	64	77 561	4 436,964	47 019,862	10,597	10,132
16	15	98 956	48 930,735	1 028 825,347	21,026	20,561	66	65	75 832	4 151,225	42 582,898	10,258	9,792
17	16	98 918	46 805,621	979 894,612	20,935	20,470	67	66	73 995	3 876,244	38 431,673	9,915	9,449
18	17	98 869	44 768,005	933 088,991	20,843	20,377	68	67	72 050	3 611,838	34 555,429	9,567	9,102
19	18	98 806	42 812,698	888 320,986	20,749	20,283	69	68	70 025	3 359,162	30 943,591	9,212	8,746
20	19	98 735	40 939,715	845 508,288	20,653	20,187	70	69	67 893	3 116,628	27 584,429	8,851	8,385
21	20	98 661	39 147,601	804 568,573	20,552	20,087	71	70	65 643	2 883,558	24 467,802	8,485	8,020
22	21	98 586	37 433,263	765 420,973	20,448	19,982	72	71	63 263	2 659,376	21 584,244	8,116	7,651
23	22	98 513	35 794,776	727 987,710	20,338	19,872	73	72	60 756	2 443,988	18 924,868	7,743	7,278
24	23	98 440	34 227,787	692 192,934	20,223	19,758	74	73	58 089	2 236,084	16 480,881	7,370	6,905
25	24	98 362	32 728,053	657 965,147	20,104	19,638	75	74	55 209	2 033,707	14 244,797	7,004	6,539
26	25	98 288	31 295,177	625 237,094	19,979	19,513	76	75	52 153	1 838,416	12 211,090	6,642	6,177
27	26	98 209	29 923,554	593 941,916	19,849	19,383	77	76	48 910	1 649,855	10 372,674	6,287	5,821
28	27	98 124	28 610,082	564 018,363	19,714	19,248	78	77	45 482	1 468,144	8 722,819	5,941	5,476
29	28	98 039	27 354,266	535 408,281	19,573	19,108	79	78	41 885	1 293,822	7 254,676	5,607	5,142
30	29	97 949	26 152,503	508 054,014	19,427	18,961	80	79	38 156	1 127,872	5 960,854	5,285	4,819
31	30	97 859	25 003,129	481 901,511	19,274	18,808	81	80	34 379	972,456	4 832,982	4,970	4,504
32	31	97 761	23 902,594	456 898,382	19,115	18,649	82	81	30 543	826,750	3 860,526	4,670	4,204
33	32	97 660	22 849,579	432 995,787	18,950	18,484	83	82	26 753	692,970	3 033,776	4,378	3,912
34	33	97 551	21 841,190	410 146,209	18,779	18,313	84	83	23 055	571,484	2 340,807	4,096	3,630
35	34	97 438	20 876,446	388 305,019	18,600	18,135	85	84	19 488	462,248	1 769,323	3,828	3,362
36	35	97 314	19 952,201	367 428,572	18,415	17,950	86	85	16 114	365,776	1 307,074	3,573	3,108
37	36	97 190	19 068,610	347 476,371	18,222	17,757	87	86	12 994	282,239	941,299	3,335	2,870
38	37	97 052	18 221,495	328 407,762	18,023	17,557	88	87	10 178	211,550	659,060	3,115	2,650
39	38	96 893	17 408,376	310 186,266	17,818	17,353	89	88	7 730	153,745	447,510	2,911	2,445
40	39	96 728	16 630,345	292 777,890	17,605	17,139	90	89	5 649	107,533	293,765	2,732	2,266
41	40	96 540	15 883,276	276 147,545	17,386	16,920	91	90	3 996	72,793	186,231	2,558	2,093
42	41	96 340	15 167,772	260 264,269	17,159	16,693	92	91	2 703	47,111	113,438	2,408	1,942
43	42	96 115	14 480,800	245 096,497	16,926	16,460	93	92	1 742	29,051	66,327	2,283	1,818
44	43	95 859	13 820,202	230 615,697	16,687	16,221	94	93	1 081	17,250	37,276	2,161	1,695
45	44	95 570	13 185,249	216 795,495	16,442	15,977	95	94	640	9,768	20,026	2,050	1,584
46	45	95 251	12 575,376	203 610,246	16,191	15,726	96	95	360	5,261	10,257	1,950	1,484
47	46	94 895	11 988,851	191 034,870	15,934	15,469	97	96	192	2,688	4,996	1,859	1,393
48	47	94 488	11 423,347	179 046,020	15,674	15,208	98	97	97	1,299	2,308	1,776	1,310
49	48	94 031	10 878,556	167 622,673	15,409	14,943	99	98	46	0,593	1,008	1,701	1,236
							100	99	21	0,254	0,416	1,634	1,168

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	48	93 694	10 372,793	157 960,601	15,228	14,763
1							51	49	93 154	9 868,922	147 587,808	14,955	14,489
2	0	99 581	91 188,960	2 000 421,136	21,937	21,471	52	50	92 522	9 379,925	137 718,886	14,682	14,217
3	1	99 248	86 970,634	1 909 232,176	21,953	21,487	53	51	91 856	8 911,395	128 338,961	14,402	13,936
4	2	99 208	83 191,948	1 822 261,542	21,904	21,439	54	52	91 126	8 459,830	119 427,566	14,117	13,651
5	3	99 180	79 587,092	1 739 069,595	21,851	21,386	55	53	90 313	8 023,309	110 967,735	13,831	13,365
6	4	99 158	76 143,160	1 659 482,503	21,794	21,329	56	54	89 432	7 602,931	102 944,426	13,540	13,074
7	5	99 136	72 847,886	1 583 339,343	21,735	21,269	57	55	88 497	7 199,451	95 341,495	13,243	12,777
8	6	99 118	69 698,107	1 510 491,456	21,672	21,206	58	56	87 474	6 809,786	88 142,044	12,943	12,478
9	7	99 101	66 685,389	1 440 793,349	21,606	21,140	59	57	86 378	6 434,868	81 332,258	12,639	12,174
10	8	99 085	63 803,282	1 374 107,960	21,537	21,071	60	58	85 211	6 074,630	74 897,390	12,330	11,864
11	9	99 068	61 045,819	1 310 304,679	21,464	20,999	61	59	83 954	5 727,252	68 822,760	12,017	11,551
12	10	99 053	58 408,009	1 249 258,859	21,388	20,923	62	60	82 624	5 393,841	63 095,508	11,698	11,232
13	11	99 035	55 882,646	1 190 850,850	21,310	20,844	63	61	81 194	5 072,207	57 701,667	11,376	10,910
14	12	99 016	53 466,010	1 134 968,204	21,228	20,762	64	62	79 707	4 764,877	52 629,460	11,045	10,580
15	13	98 993	51 151,848	1 081 502,195	21,143	20,677	65	63	78 087	4 467,063	47 864,583	10,715	10,249
16	14	98 967	48 936,039	1 030 350,346	21,055	20,589	66	64	76 393	4 181,960	43 397,520	10,377	9,912
17	15	98 930	46 811,510	981 414,307	20,965	20,500	67	65	74 577	3 906,755	39 215,560	10,038	9,572
18	16	98 884	44 774,894	934 602,797	20,873	20,408	68	66	72 672	3 643,001	35 308,805	9,692	9,227
19	17	98 822	42 819,569	889 827,903	20,781	20,315	69	67	70 671	3 390,122	31 665,804	9,341	8,875
20	18	98 757	40 949,068	847 008,334	20,684	20,219	70	68	68 559	3 147,189	28 275,682	8,984	8,519
21	19	98 682	39 155,688	806 059,266	20,586	20,120	71	69	66 347	2 914,514	25 128,493	8,622	8,156
22	20	98 608	37 441,574	766 903,578	20,483	20,017	72	70	64 006	2 690,599	22 213,979	8,256	7,791
23	21	98 534	35 802,269	729 462,004	20,375	19,909	73	71	61 548	2 475,870	19 523,380	7,885	7,420
24	22	98 462	34 235,467	693 659,734	20,261	19,796	74	72	58 942	2 268,933	17 047,510	7,513	7,048
25	23	98 385	32 735,535	659 424,267	20,144	19,678	75	73	56 122	2 067,324	14 778,577	7,149	6,683
26	24	98 308	31 301,505	626 688,732	20,021	19,555	76	74	53 142	1 873,273	12 711,253	6,786	6,320
27	25	98 231	29 930,138	595 387,227	19,893	19,427	77	75	49 983	1 686,033	10 837,980	6,428	5,962
28	26	98 147	28 616,855	565 457,089	19,760	19,294	78	76	46 624	1 505,006	9 151,947	6,081	5,615
29	27	98 065	27 361,617	536 840,234	19,620	19,155	79	77	43 080	1 330,714	7 646,941	5,746	5,281
30	28	97 974	26 159,118	509 478,617	19,476	19,011	80	78	39 420	1 165,239	6 316,227	5,421	4,955
31	29	97 887	25 010,305	483 319,499	19,325	18,859	81	79	35 674	1 009,092	5 150,987	5,105	4,639
32	30	97 789	23 909,362	458 309,194	19,169	18,703	82	80	31 874	862,784	4 141,896	4,801	4,335
33	31	97 689	22 856,482	434 399,833	19,006	18,540	83	81	28 089	727,596	3 279,111	4,507	4,041
34	32	97 585	21 848,935	411 543,351	18,836	18,370	84	82	24 401	604,837	2 551,515	4,219	3,753
35	33	97 473	20 884,082	389 694,416	18,660	18,194	85	83	20 792	493,176	1 946,678	3,947	3,482
36	34	97 356	19 960,680	368 810,333	18,477	18,011	86	84	17 371	394,289	1 453,502	3,686	3,221
37	35	97 229	19 076,197	348 849,654	18,287	17,822	87	85	14 166	307,702	1 059,213	3,442	2,977
38	36	97 098	18 230,159	329 773,456	18,089	17,624	88	86	11 236	233,557	751,510	3,218	2,752
39	37	96 945	17 417,672	311 543,298	17,887	17,421	89	87	8 668	172,417	517,954	3,004	2,538
40	38	96 782	16 639,609	294 125,626	17,676	17,211	90	88	6 437	122,516	345,537	2,820	2,355
41	39	96 604	15 893,790	277 486,017	17,459	16,993	91	89	4 655	84,792	223,022	2,630	2,165
42	40	96 408	15 178,491	261 592,227	17,234	16,769	92	90	3 198	55,739	138,229	2,480	2,014
43	41	96 193	14 492,416	246 413,736	17,003	16,537	93	91	2 118	35,329	82,490	2,335	1,869
44	42	95 944	13 832,515	231 921,320	16,766	16,301	94	92	1 333	21,277	47,162	2,217	1,751
45	43	95 668	13 198,764	218 088,806	16,523	16,058	95	93	807	12,322	25,885	2,101	1,635
46	44	95 358	12 589,516	204 890,042	16,275	15,809	96	94	465	6,796	13,563	1,996	1,530
47	45	95 016	12 004,087	192 300,526	16,020	15,554	97	95	255	3,561	6,766	1,900	1,435
48	46	94 621	11 439,466	180 296,440	15,761	15,295	98	96	132	1,767	3,206	1,814	1,348
49	47	94 185	10 896,373	168 856,973	15,497	15,031	99	97	65	0,829	1,439	1,736	1,270
							100	98	30	0,366	0,610	1,665	1,199

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	47	93 847	10 389,781	159 083,310	15,312	14,846
1							51	48	93 319	9 886,406	148 693,528	15,040	14,575
2							52	49	92 713	9 399,265	138 807,123	14,768	14,302
3	0	99 562	87 245,692	1 911 002,384	21,904	21,438	53	50	92 059	8 931,070	129 407,858	14,490	14,024
4	1	99 234	83 213,913	1 823 756,692	21,916	21,451	54	51	91 349	8 480,581	120 476,788	14,206	13,741
5	2	99 195	79 598,948	1 740 542,779	21,866	21,401	55	52	90 561	8 045,397	111 996,207	13,921	13,455
6	3	99 169	76 151,669	1 660 943,831	21,811	21,345	56	53	89 702	7 625,859	103 950,810	13,631	13,166
7	4	99 148	72 856,569	1 584 792,162	21,752	21,287	57	54	88 780	7 222,499	96 324,952	13,337	12,871
8	5	99 128	69 705,152	1 511 935,593	21,690	21,225	58	55	87 785	6 834,000	89 102,452	13,038	12,572
9	6	99 109	66 691,197	1 442 230,441	21,625	21,160	59	56	86 705	6 459,234	82 268,452	12,737	12,271
10	7	99 093	63 808,758	1 375 539,243	21,557	21,092	60	57	85 553	6 099,005	75 809,218	12,430	11,964
11	8	99 076	61 050,315	1 311 730,485	21,486	21,020	61	58	84 326	5 752,634	69 710,214	12,118	11,652
12	9	99 060	58 412,039	1 250 680,170	21,411	20,946	62	59	83 016	5 419,432	63 957,579	11,802	11,336
13	10	99 042	55 886,612	1 192 268,131	21,334	20,868	63	60	81 634	5 099,691	58 538,147	11,479	11,013
14	11	99 024	53 470,286	1 136 381,519	21,253	20,787	64	61	80 167	4 792,418	53 438,456	11,151	10,685
15	12	99 001	51 155,966	1 082 911,234	21,169	20,703	65	62	78 583	4 495,418	48 646,038	10,821	10,356
16	13	98 976	48 940,423	1 031 755,267	21,082	20,616	66	63	76 911	4 210,329	44 150,620	10,486	10,021
17	14	98 941	46 816,584	982 814,844	20,993	20,527	67	64	75 130	3 935,680	39 940,292	10,148	9,683
18	15	98 897	44 780,527	935 998,260	20,902	20,436	68	65	73 244	3 671,677	36 004,611	9,806	9,340
19	16	98 837	42 826,159	891 217,733	20,810	20,345	69	66	71 280	3 419,372	32 332,935	9,456	8,990
20	17	98 773	40 955,640	848 391,574	20,715	20,249	70	67	69 191	3 176,195	28 913,563	9,103	8,638
21	18	98 704	39 164,634	807 435,934	20,616	20,151	71	68	66 998	2 943,094	25 737,368	8,745	8,279
22	19	98 628	37 449,309	768 271,300	20,515	20,049	72	69	64 693	2 719,484	22 794,275	8,382	7,916
23	20	98 556	35 810,219	730 821,991	20,408	19,943	73	70	62 271	2 504,939	20 074,790	8,014	7,548
24	21	98 482	34 242,634	695 011,772	20,297	19,831	74	71	59 711	2 298,532	17 569,852	7,644	7,178
25	22	98 407	32 742,881	660 769,138	20,181	19,715	75	72	56 946	2 097,694	15 271,320	7,280	6,814
26	23	98 330	31 308,661	628 026,258	20,059	19,594	76	73	54 021	1 904,238	13 173,626	6,918	6,452
27	24	98 251	29 936,189	596 717,596	19,933	19,467	77	74	50 930	1 718,001	11 269,388	6,560	6,094
28	25	98 169	28 623,151	566 781,408	19,802	19,336	78	75	47 646	1 538,008	9 551,387	6,210	5,745
29	26	98 088	27 368,094	538 158,256	19,664	19,198	79	76	44 161	1 364,125	8 013,379	5,874	5,409
30	27	98 001	26 166,148	510 790,162	19,521	19,055	80	77	40 544	1 198,465	6 649,253	5,548	5,083
31	28	97 912	25 016,631	484 624,014	19,372	18,906	81	78	36 856	1 042,524	5 450,788	5,228	4,763
32	29	97 817	23 916,224	459 607,383	19,217	18,752	82	79	33 075	895,288	4 408,264	4,924	4,458
33	30	97 717	22 862,953	435 691,160	19,057	18,591	83	80	29 314	759,309	3 512,976	4,627	4,161
34	31	97 615	21 855,536	412 828,207	18,889	18,423	84	81	25 620	635,060	2 753,666	4,336	3,870
35	32	97 508	20 891,488	390 972,671	18,714	18,249	85	82	22 005	521,959	2 118,607	4,059	3,593
36	33	97 391	19 967,981	370 081,183	18,534	18,068	86	83	18 533	420,670	1 596,647	3,795	3,330
37	34	97 270	19 084,304	350 113,202	18,346	17,880	87	84	15 270	331,689	1 175,977	3,545	3,080
38	35	97 136	18 237,413	331 028,899	18,151	17,685	88	85	12 250	254,628	844,289	3,316	2,850
39	36	96 991	17 425,953	312 791,486	17,950	17,484	89	86	9 570	190,352	589,661	3,098	2,632
40	37	96 834	16 648,494	295 365,534	17,741	17,276	90	87	7 218	137,394	399,308	2,906	2,441
41	38	96 658	15 902,644	278 717,040	17,526	17,061	91	88	5 304	96,606	261,914	2,711	2,246
42	39	96 472	15 188,539	262 814,396	17,303	16,838	92	89	3 725	64,927	165,308	2,546	2,080
43	40	96 260	14 502,658	247 625,857	17,075	16,609	93	90	2 506	41,799	100,381	2,402	1,936
44	41	96 021	13 843,610	233 123,199	16,840	16,374	94	91	1 621	25,874	58,582	2,264	1,799
45	42	95 753	13 210,522	219 279,589	16,599	16,133	95	92	995	15,198	32,708	2,152	1,686
46	43	95 456	12 602,420	206 069,067	16,352	15,886	96	93	587	8,573	17,510	2,042	1,577
47	44	95 122	12 017,584	193 466,647	16,099	15,633	97	94	329	4,600	8,937	1,943	1,477
48	45	94 741	11 454,004	181 449,063	15,842	15,376	98	95	175	2,341	4,337	1,853	1,387
49	46	94 318	10 911,748	169 995,058	15,579	15,113	99	96	88	1,127	1,996	1,771	1,305
							100	97	42	0,512	0,869	1,697	1,231

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	46	93 980	10 404,442	160 117,242	15,389	14,924
1							51	47	93 472	9 902,597	149 712,800	15,119	14,653
2							52	48	92 877	9 415,916	139 810,202	14,848	14,383
3							53	49	92 249	8 949,485	130 394,286	14,570	14,104
4	0	99 548	83 477,091	1 825 395,160	21,867	21,401	54	50	91 551	8 499,305	121 444,801	14,289	13,823
5	1	99 221	79 619,965	1 741 918,070	21,878	21,412	55	51	90 784	8 065,130	112 945,496	14,004	13,539
6	2	99 184	76 163,012	1 662 298,105	21,826	21,360	56	52	89 949	7 646,852	104 880,366	13,715	13,250
7	3	99 159	72 864,711	1 586 135,093	21,768	21,303	57	53	89 048	7 244,280	97 233,514	13,422	12,956
8	4	99 140	69 713,461	1 513 270,382	21,707	21,241	58	54	88 066	6 855,879	89 989,234	13,126	12,660
9	5	99 119	66 697,939	1 443 556,922	21,643	21,178	59	55	87 013	6 482,201	83 133,355	12,825	12,359
10	6	99 102	63 814,316	1 376 858,983	21,576	21,110	60	56	85 877	6 122,099	76 651,154	12,520	12,055
11	7	99 084	61 055,556	1 313 044,667	21,506	21,040	61	57	84 664	5 775,717	70 529,055	12,211	11,746
12	8	99 067	58 416,341	1 251 989,111	21,432	20,967	62	58	83 384	5 443,450	64 753,338	11,896	11,430
13	9	99 049	55 890,467	1 193 572,771	21,356	20,890	63	59	82 021	5 123,886	59 309,888	11,575	11,110
14	10	99 031	53 474,081	1 137 682,303	21,275	20,810	64	60	80 602	4 818,386	54 186,002	11,246	10,780
15	11	99 009	51 160,058	1 084 208,222	21,192	20,727	65	61	79 037	4 521,401	49 367,616	10,919	10,453
16	12	98 984	48 944,363	1 033 048,165	21,107	20,641	66	62	77 400	4 237,054	44 846,215	10,584	10,119
17	13	98 950	46 820,778	984 103,802	21,019	20,553	67	63	75 639	3 962,378	40 609,160	10,249	9,783
18	14	98 908	44 785,381	937 283,024	20,928	20,463	68	64	73 786	3 698,861	36 646,782	9,908	9,442
19	15	98 849	42 831,547	892 497,642	20,837	20,372	69	65	71 842	3 446,287	32 947,921	9,560	9,095
20	16	98 788	40 961,943	849 666,096	20,743	20,277	70	66	69 788	3 203,599	29 501,634	9,209	8,743
21	17	98 720	39 170,919	808 704,152	20,646	20,180	71	67	67 615	2 970,219	26 298,035	8,854	8,388
22	18	98 651	37 457,865	769 533,233	20,544	20,078	72	68	65 328	2 746,151	23 327,817	8,495	8,029
23	19	98 576	35 817,617	732 075,368	20,439	19,973	73	69	62 940	2 531,831	20 581,665	8,129	7,664
24	20	98 504	34 250,237	696 257,751	20,329	19,863	74	70	60 412	2 325,519	18 049,834	7,762	7,296
25	21	98 427	32 749,735	662 007,514	20,214	19,749	75	71	57 689	2 125,059	15 724,316	7,399	6,934
26	22	98 353	31 315,686	629 257,780	20,094	19,628	76	72	54 814	1 932,212	13 599,257	7,038	6,573
27	23	98 273	29 943,033	597 942,093	19,969	19,504	77	73	51 772	1 746,400	11 667,045	6,681	6,215
28	24	98 189	28 628,938	567 999,060	19,840	19,374	78	74	48 550	1 567,169	9 920,645	6,330	5,865
29	25	98 110	27 374,116	539 370,122	19,704	19,238	79	75	45 130	1 394,039	8 353,476	5,992	5,527
30	26	98 024	26 172,342	511 996,006	19,562	19,097	80	76	41 562	1 228,556	6 959,437	5,665	5,199
31	27	97 938	25 023,353	485 823,664	19,415	18,949	81	77	37 907	1 072,251	5 730,881	5,345	4,879
32	28	97 842	23 922,273	460 800,311	19,262	18,797	82	78	34 171	924,950	4 658,631	5,037	4,571
33	29	97 745	22 869,515	436 878,038	19,103	18,637	83	79	30 418	787,915	3 733,681	4,739	4,273
34	30	97 642	21 861,723	414 008,523	18,938	18,472	84	80	26 737	662,740	2 945,766	4,445	3,979
35	31	97 537	20 897,799	392 146,800	18,765	18,299	85	81	23 105	548,041	2 283,026	4,166	3,700
36	32	97 426	19 975,061	371 249,000	18,586	18,120	86	82	19 614	445,221	1 734,985	3,897	3,431
37	33	97 306	19 091,284	351 273,939	18,400	17,934	87	83	16 292	353,881	1 289,764	3,645	3,179
38	34	97 178	18 245,163	332 182,655	18,207	17,741	88	84	13 205	274,477	935,883	3,410	2,944
39	35	97 030	17 432,887	313 937,492	18,008	17,543	89	85	10 433	207,526	661,406	3,187	2,721
40	36	96 880	16 656,409	296 504,605	17,801	17,336	90	86	7 969	151,686	453,880	2,992	2,527
41	37	96 709	15 911,135	279 848,196	17,588	17,123	91	87	5 948	108,338	302,193	2,789	2,324
42	38	96 525	15 197,000	263 937,061	17,368	16,902	92	88	4 244	73,973	193,855	2,621	2,155
43	39	96 324	14 512,258	248 740,061	17,140	16,674	93	89	2 919	48,689	119,882	2,462	1,997
44	40	96 089	13 853,394	234 227,803	16,908	16,442	94	90	1 918	30,613	71,193	2,326	1,860
45	41	95 830	13 221,119	220 374,409	16,668	16,203	95	91	1 210	18,482	40,580	2,196	1,730
46	42	95 541	12 613,647	207 153,290	16,423	15,957	96	92	723	10,574	22,098	2,090	1,624
47	43	95 220	12 029,902	194 539,643	16,171	15,706	97	93	415	5,802	11,524	1,986	1,520
48	44	94 848	11 466,883	182 509,741	15,916	15,451	98	94	226	3,024	5,721	1,892	1,426
49	45	94 437	10 925,616	171 042,858	15,655	15,190	99	95	117	1,493	2,697	1,807	1,341
							100	96	57	0,696	1,204	1,729	1,264

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	45	94 099	10 417,665	161 068,142	15,461	14,995
1							51	46	93 604	9 916,571	150 650,477	15,192	14,726
2							52	47	93 029	9 431,338	140 733,906	14,922	14,456
3							53	48	92 412	8 965,340	131 302,568	14,646	14,180
4							54	49	91 740	8 516,829	122 337,229	14,364	13,899
5	0	99 535	79 871,775	1 743 433,871	21,828	21,362	55	50	90 984	8 082,937	113 820,399	14,082	13,616
6	1	99 210	76 183,122	1 663 562,096	21,836	21,371	56	51	90 169	7 665,608	105 737,462	13,794	13,328
7	2	99 174	72 875,565	1 587 378,974	21,782	21,316	57	52	89 293	7 264,223	98 071,854	13,501	13,035
8	3	99 151	69 721,251	1 514 503,409	21,722	21,257	58	53	88 332	6 876,553	90 807,631	13,205	12,740
9	4	99 131	66 705,889	1 444 782,158	21,659	21,193	59	54	87 291	6 502,954	83 931,078	12,907	12,441
10	5	99 112	63 820,766	1 378 076,269	21,593	21,127	60	55	86 183	6 143,867	77 428,124	12,603	12,137
11	6	99 093	61 060,873	1 314 255,503	21,524	21,058	61	56	84 985	5 797,587	71 284,257	12,296	11,830
12	7	99 076	58 421,355	1 253 194,630	21,451	20,985	62	57	83 719	5 465,293	65 486,670	11,982	11,517
13	8	99 056	55 894,584	1 194 773,274	21,375	20,910	63	58	82 385	5 146,594	60 021,377	11,662	11,197
14	9	99 038	53 477,770	1 138 878,691	21,296	20,831	64	59	80 984	4 841,246	54 874,783	11,335	10,869
15	10	99 016	51 163,689	1 085 400,921	21,214	20,749	65	60	79 466	4 545,901	50 033,537	11,006	10,541
16	11	98 992	48 948,277	1 034 237,232	21,129	20,664	66	61	77 847	4 261,544	45 487,636	10,674	10,208
17	12	98 958	46 824,548	985 288,955	21,042	20,577	67	62	76 119	3 987,530	41 226,092	10,339	9,873
18	13	98 916	44 789,393	938 464,407	20,953	20,487	68	63	74 287	3 723,953	37 238,562	10,000	9,534
19	14	98 860	42 836,190	893 675,014	20,863	20,397	69	64	72 373	3 471,803	33 514,609	9,653	9,188
20	15	98 801	40 967,096	850 838,824	20,769	20,303	70	65	70 337	3 228,816	30 042,807	9,305	8,839
21	16	98 735	39 176,948	809 871,728	20,672	20,207	71	66	68 199	2 995,846	26 813,991	8,950	8,485
22	17	98 667	37 463,877	770 694,780	20,572	20,106	72	67	65 930	2 771,461	23 818,145	8,594	8,128
23	18	98 599	35 825,800	733 230,903	20,467	20,001	73	68	63 557	2 556,658	21 046,684	8,232	7,766
24	19	98 525	34 257,313	697 405,104	20,358	19,892	74	69	61 061	2 350,485	18 490,026	7,866	7,401
25	20	98 449	32 757,007	663 147,791	20,244	19,779	75	70	58 366	2 150,009	16 139,542	7,507	7,041
26	21	98 373	31 322,242	630 390,785	20,126	19,660	76	71	55 529	1 957,418	13 989,533	7,147	6,681
27	22	98 295	29 949,752	599 068,543	20,002	19,537	77	72	52 533	1 772,055	12 032,115	6,790	6,324
28	23	98 211	28 635,484	569 118,791	19,875	19,409	78	73	49 352	1 593,075	10 260,060	6,440	5,975
29	24	98 130	27 379,650	540 483,307	19,740	19,275	79	74	45 985	1 420,470	8 666,985	6,101	5,636
30	25	98 045	26 178,100	513 103,657	19,600	19,135	80	75	42 474	1 255,496	7 246,515	5,772	5,306
31	26	97 961	25 029,277	486 925,556	19,454	18,989	81	76	38 858	1 099,172	5 991,019	5,450	4,985
32	27	97 868	23 928,701	461 896,279	19,303	18,837	82	77	35 145	951,324	4 891,847	5,142	4,677
33	28	97 770	22 875,299	437 967,578	19,146	18,680	83	78	31 426	814,019	3 940,522	4,841	4,375
34	29	97 670	21 867,998	415 092,279	18,982	18,516	84	79	27 744	687,708	3 126,503	4,546	4,081
35	30	97 565	20 903,716	393 224,281	18,811	18,346	85	80	24 112	571,928	2 438,795	4,264	3,799
36	31	97 455	19 981,096	372 320,565	18,634	18,168	86	81	20 595	467,468	1 866,868	3,994	3,528
37	32	97 340	19 098,054	352 339,469	18,449	17,983	87	82	17 243	374,534	1 399,399	3,736	3,271
38	33	97 213	18 251,836	333 241,415	18,258	17,792	88	83	14 089	292,842	1 024,865	3,500	3,034
39	34	97 071	17 440,295	314 989,579	18,061	17,595	89	84	11 247	223,703	732,023	3,272	2,807
40	35	96 918	16 663,037	297 549,284	17,857	17,391	90	85	8 688	165,372	508,320	3,074	2,608
41	36	96 755	15 918,700	280 886,247	17,645	17,179	91	86	6 567	119,608	342,948	2,867	2,402
42	37	96 577	15 205,114	264 967,547	17,426	16,961	92	87	4 759	82,957	223,340	2,692	2,227
43	38	96 378	14 520,342	249 762,433	17,201	16,735	93	88	3 326	55,473	140,384	2,531	2,065
44	39	96 152	13 862,565	235 242,091	16,970	16,504	94	89	2 234	35,659	84,911	2,381	1,916
45	40	95 898	13 230,463	221 379,526	16,733	16,267	95	90	1 432	21,867	49,252	2,252	1,787
46	41	95 618	12 623,765	208 149,064	16,489	16,023	96	91	880	12,859	27,385	2,130	1,664
47	42	95 305	12 040,619	195 525,299	16,239	15,773	97	92	512	7,156	14,525	2,030	1,564
48	43	94 945	11 478,637	183 484,679	15,985	15,519	98	93	285	3,815	7,369	1,932	1,466
49	44	94 544	10 937,900	172 006,043	15,726	15,260	99	94	151	1,929	3,555	1,843	1,377
							100	95	75	0,923	1,626	1,762	1,297

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß   4,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6	0	99 524	76 424,063	1 664 963,935	21,786	21,320
7	1	99 200	72 894,807	1 588 539,872	21,792	21,327
8	2	99 165	69 731,637	1 515 645,065	21,735	21,270
9	3	99 142	66 713,343	1 445 913,429	21,674	21,208
10	4	99 124	63 828,373	1 379 200,086	21,608	21,142
11	5	99 103	61 067,046	1 315 371,712	21,540	21,074
12	6	99 084	58 426,443	1 254 304,667	21,468	21,002
13	7	99 065	55 899,382	1 195 878,223	21,393	20,928
14	8	99 045	53 481,709	1 139 978,842	21,315	20,850
15	9	99 023	51 167,218	1 086 497,133	21,234	20,769
16	10	98 999	48 951,751	1 035 329,915	21,150	20,684
17	11	98 966	46 828,292	986 378,164	21,064	20,598
18	12	98 924	44 792,999	939 549,871	20,975	20,510
19	13	98 869	42 840,027	894 756,872	20,886	20,420
20	14	98 812	40 971,537	851 916,845	20,793	20,327
21	15	98 748	39 181,876	810 945,308	20,697	20,231
22	16	98 682	37 469,642	771 763,431	20,597	20,131
23	17	98 614	35 831,550	734 293,789	20,493	20,027
24	18	98 547	34 265,139	698 462,239	20,384	19,918
25	19	98 469	32 763,774	664 197,100	20,272	19,807
26	20	98 395	31 329,196	631 433,327	20,155	19,689
27	21	98 316	29 956,021	600 104,130	20,033	19,567
28	22	98 233	28 641,909	570 148,109	19,906	19,440
29	23	98 152	27 385,910	541 506,200	19,773	19,308
30	24	98 065	26 183,393	514 120,289	19,635	19,170
31	25	97 983	25 034,784	487 936,896	19,490	19,025
32	26	97 891	23 934,366	462 902,112	19,340	18,875
33	27	97 796	22 881,446	438 967,747	19,184	18,719
34	28	97 695	21 873,529	416 086,300	19,022	18,557
35	29	97 593	20 909,715	394 212,771	18,853	18,387
36	30	97 483	19 986,753	373 303,056	18,678	18,212
37	31	97 370	19 103,824	353 316,303	18,495	18,029
38	32	97 248	18 258,308	334 212,479	18,305	17,839
39	33	97 106	17 446,674	315 954,171	18,110	17,644
40	34	96 959	16 670,118	298 507,497	17,907	17,441
41	35	96 794	15 925,034	281 837,379	17,698	17,232
42	36	96 623	15 212,344	265 912,345	17,480	17,014
43	37	96 429	14 528,095	250 700,001	17,256	16,791
44	38	96 206	13 870,286	236 171,906	17,027	16,562
45	39	95 961	13 239,221	222 301,619	16,791	16,326
46	40	95 685	12 632,687	209 062,398	16,549	16,084
47	41	95 381	12 050,277	196 429,712	16,301	15,835
48	42	95 030	11 488,863	184 379,434	16,049	15,583
49	43	94 641	10 949,112	172 890,572	15,790	15,325
50	44	94 205	10 429,379	161 941,460	15,527	15,062
51	45	93 723	9 929,173	151 512,081	15,259	14,794
52	46	93 161	9 444,646	141 582,908	14,991	14,525
53	47	92 564	8 980,023	132 138,261	14,715	14,249
54	48	91 902	8 531,917	123 158,238	14,435	13,969
55	49	91 172	8 099,603	114 626,321	14,152	13,686
56	50	90 368	7 682,533	106 526,718	13,866	13,400
57	51	89 512	7 282,040	98 844,185	13,574	13,108
58	52	88 575	6 895,484	91 562,145	13,279	12,813
59	53	87 555	6 522,564	84 666,660	12,981	12,515
60	54	86 458	6 163,537	78 144,097	12,678	12,213
61	55	85 287	5 818,202	71 980,560	12,372	11,906
62	56	84 036	5 485,987	66 162,358	12,060	11,595
63	57	82 715	5 167,246	60 676,371	11,742	11,277
64	58	81 343	4 862,702	55 509,125	11,415	10,950
65	59	79 843	4 567,468	50 646,423	11,089	10,623
66	60	78 269	4 284,636	46 078,955	10,754	10,289
67	61	76 559	4 010,578	41 794,319	10,421	9,955
68	62	74 758	3 747,591	37 783,742	10,082	9,617
69	63	72 864	3 495,354	34 036,151	9,738	9,272
70	64	70 858	3 252,721	30 540,797	9,389	8,924
71	65	68 736	3 019,427	27 288,076	9,038	8,572
72	66	66 499	2 795,373	24 268,648	8,682	8,216
73	67	64 143	2 580,221	21 473,275	8,322	7,857
74	68	61 660	2 373,533	18 893,054	7,960	7,494
75	69	58 993	2 173,090	16 519,521	7,602	7,136
76	70	56 181	1 980,400	14 346,431	7,244	6,779
77	71	53 218	1 795,172	12 366,031	6,888	6,423
78	72	50 077	1 616,478	10 570,859	6,539	6,074
79	73	46 745	1 443,950	8 954,381	6,201	5,736
80	74	43 279	1 279,301	7 510,431	5,871	5,405
81	75	39 711	1 123,276	6 231,130	5,547	5,082
82	76	36 027	975,210	5 107,854	5,238	4,772
83	77	32 322	837,231	4 132,645	4,936	4,470
84	78	28 663	710,492	3 295,414	4,638	4,173
85	79	25 020	593,474	2 584,922	4,356	3,890
86	80	21 492	487,843	1 991,448	4,082	3,617
87	81	18 104	393,249	1 503,605	3,824	3,358
88	82	14 911	309,933	1 110,355	3,583	3,117
89	83	11 999	238,670	800,422	3,354	2,888
90	84	9 365	178,263	561,752	3,151	2,686
91	85	7 159	130,399	383,489	2,941	2,475
92	86	5 254	91,586	253,090	2,763	2,298
93	87	3 730	62,210	161,504	2,596	2,131
94	88	2 545	40,627	99,294	2,444	1,978
95	89	1 668	25,472	58,667	2,303	1,838
96	90	1 041	15,214	33,195	2,182	1,716
97	91	622	8,703	17,981	2,066	1,600
98	92	352	4,705	9,278	1,972	1,506
99	93	190	2,433	4,573	1,880	1,414
100	94	97	1,192	2,140	1,796	1,330

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

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

Zinsfuß 4,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	43	94 301	10 440,069	162 742,868	15,588	15,123
1							51	44	93 828	9 940,338	152 302,799	15,322	14,856
2							52	45	93 279	9 456,649	142 362,461	15,054	14,589
3							53	46	92 694	8 992,695	132 905,812	14,779	14,314
4							54	47	92 053	8 545,891	123 913,117	14,500	14,034
5							55	48	91 333	8 113,952	115 367,227	14,218	13,753
6							56	49	90 555	7 698,374	107 253,274	13,932	13,466
7	0	99 513	73 125,348	1 589 836,043	21,741	21,276	57	50	89 710	7 298,118	99 554,901	13,641	13,176
8	1	99 192	69 750,048	1 516 710,695	21,745	21,279	58	51	88 792	6 912,397	92 256,783	13,347	12,881
9	2	99 157	66 723,281	1 446 960,646	21,686	21,220	59	52	87 796	6 540,520	85 344,386	13,049	12,583
10	3	99 135	63 835,506	1 380 237,365	21,622	21,156	60	53	86 719	6 182,123	78 803,866	12,747	12,281
11	4	99 115	61 074,324	1 316 401,860	21,554	21,088	61	54	85 560	5 836,829	72 621,742	12,442	11,976
12	5	99 094	58 432,349	1 255 327,535	21,483	21,018	62	55	84 335	5 505,494	66 784,914	12,131	11,665
13	6	99 073	55 904,250	1 196 895,186	21,410	20,944	63	56	83 028	5 186,811	61 279,420	11,814	11,349
14	7	99 054	53 486,299	1 140 990,936	21,332	20,867	64	57	81 669	4 882,214	56 092,608	11,489	11,024
15	8	99 030	51 170,987	1 087 504,637	21,252	20,787	65	58	80 196	4 587,711	51 210,394	11,163	10,697
16	9	99 005	48 955,128	1 036 333,650	21,169	20,703	66	59	78 640	4 304,964	46 622,684	10,830	10,364
17	10	98 973	46 831,616	987 378,521	21,084	20,618	67	60	76 974	4 032,309	42 317,720	10,495	10,029
18	11	98 932	44 796,581	940 546,905	20,996	20,530	68	61	75 190	3 769,252	38 285,410	10,157	9,692
19	12	98 877	42 843,476	895 750,324	20,908	20,442	69	62	73 327	3 517,541	34 516,159	9,813	9,347
20	13	98 820	40 975,208	852 906,848	20,815	20,350	70	63	71 338	3 274,786	30 998,618	9,466	9,000
21	14	98 758	39 186,124	811 931,640	20,720	20,254	71	64	69 244	3 041,782	27 723,831	9,114	8,649
22	15	98 694	37 474,356	772 745,516	20,621	20,155	72	65	67 022	2 817,377	24 682,049	8,761	8,295
23	16	98 630	35 837,064	735 271,160	20,517	20,051	73	66	64 696	2 602,483	21 864,672	8,401	7,936
24	17	98 563	34 270,639	699 434,096	20,409	19,944	74	67	62 228	2 395,409	19 262,189	8,041	7,576
25	18	98 492	32 771,259	665 163,458	20,297	19,832	75	68	59 571	2 194,399	16 866,780	7,686	7,221
26	19	98 415	31 335,668	632 392,199	20,181	19,716	76	69	56 784	2 001,661	14 672,381	7,330	6,864
27	20	98 338	29 962,673	601 056,530	20,060	19,595	77	70	53 843	1 816,249	12 670,720	6,976	6,511
28	21	98 254	28 647,905	571 093,857	19,935	19,469	78	71	50 730	1 637,565	10 854,471	6,628	6,163
29	22	98 174	27 392,055	542 445,953	19,803	19,337	79	72	47 432	1 465,163	9 216,906	6,291	5,825
30	23	98 088	26 189,380	515 053,897	19,667	19,201	80	73	43 994	1 300,448	7 751,744	5,961	5,495
31	24	98 002	25 039,846	488 864,518	19,523	19,058	81	74	40 463	1 144,573	6 451,296	5,636	5,171
32	25	97 913	23 939,632	463 824,672	19,375	18,909	82	75	36 818	996,595	5 306,723	5,325	4,859
33	26	97 819	22 886,863	439 885,040	19,220	18,754	83	76	33 133	858,252	4 310,128	5,022	4,556
34	27	97 721	21 879,407	416 998,178	19,059	18,593	84	77	29 481	730,751	3 451,876	4,724	4,258
35	28	97 618	20 915,004	395 118,771	18,892	18,426	85	78	25 849	613,136	2 721,125	4,438	3,972
36	29	97 511	19 992,489	374 203,767	18,717	18,252	86	79	22 302	506,222	2 107,989	4,164	3,699
37	30	97 397	19 109,232	354 211,277	18,536	18,071	87	80	18 894	410,390	1 601,767	3,903	3,437
38	31	97 277	18 263,824	335 102,045	18,348	17,882	88	81	15 656	325,420	1 191,377	3,661	3,195
39	32	97 141	17 452,860	316 838,221	18,154	17,688	89	82	12 699	252,600	865,958	3,428	2,963
40	33	96 995	16 676,216	299 385,360	17,953	17,487	90	83	9 992	190,190	613,358	3,225	2,759
41	34	96 835	15 931,802	282 709,145	17,745	17,279	91	84	7 717	140,564	423,168	3,010	2,545
42	35	96 661	15 218,397	266 777,343	17,530	17,064	92	85	5 729	99,849	282,604	2,830	2,365
43	36	96 475	14 535,003	251 558,946	17,307	16,842	93	86	4 118	68,681	182,754	2,661	2,195
44	37	96 257	13 877,693	237 023,944	17,079	16,614	94	87	2 854	45,561	114,073	2,504	2,038
45	38	96 015	13 246,596	223 146,251	16,846	16,380	95	88	1 900	29,021	68,512	2,361	1,895
46	39	95 749	12 641,049	209 899,656	16,605	16,139	96	89	1 212	17,722	39,491	2,228	1,763
47	40	95 449	12 058,794	197 258,606	16,358	15,892	97	90	736	10,297	21,769	2,114	1,649
48	41	95 106	11 498,079	185 199,813	16,107	15,641	98	91	427	5,721	11,473	2,005	1,540
49	42	94 725	10 958,866	173 701,734	15,850	15,385	99	92	234	3,001	5,751	1,917	1,451
							100	93	123	1,503	2,751	1,830	1,364

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß   4,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8	0	99 505	69 970,644	1 517 909,061	21,694	21,228
9	1	99 183	66 740,898	1 447 938,417	21,695	21,229
10	2	99 149	63 845,015	1 381 197,519	21,634	21,168
11	3	99 126	61 081,149	1 317 352,504	21,567	21,102
12	4	99 106	58 439,314	1 256 271,355	21,497	21,031
13	5	99 083	55 909,901	1 197 832,040	21,424	20,959
14	6	99 062	53 490,958	1 141 922,139	21,348	20,882
15	7	99 039	51 175,379	1 088 431,182	21,269	20,803
16	8	99 013	48 958,734	1 037 255,803	21,186	20,721
17	9	98 980	46 834,847	988 297,069	21,102	20,636
18	10	98 939	44 799,761	941 462,222	21,015	20,549
19	11	98 885	42 846,902	896 662,461	20,927	20,462
20	12	98 828	40 978,506	853 815,558	20,836	20,370
21	13	98 767	39 189,634	812 837,052	20,741	20,276
22	14	98 705	37 478,418	773 647,418	20,642	20,177
23	15	98 642	35 841,572	736 168,999	20,540	20,074
24	16	98 578	34 275,913	700 327,427	20,432	19,966
25	17	98 508	32 776,519	666 051,514	20,321	19,855
26	18	98 438	31 342,828	633 274,996	20,205	19,739
27	19	98 358	29 968,863	601 932,168	20,085	19,620
28	20	98 276	28 654,266	571 963,306	19,961	19,495
29	21	98 195	27 397,789	543 309,040	19,830	19,365
30	22	98 110	26 195,256	515 911,251	19,695	19,229
31	23	98 025	25 045,570	489 715,995	19,553	19,087
32	24	97 932	23 944,472	464 670,424	19,406	18,941
33	25	97 841	22 891,898	440 725,952	19,252	18,787
34	26	97 744	21 884,586	417 834,054	19,093	18,627
35	27	97 644	20 920,624	395 949,467	18,926	18,461
36	28	97 536	19 997,546	375 028,843	18,754	18,288
37	29	97 425	19 114,717	355 031,297	18,574	18,108
38	30	97 305	18 268,995	335 916,580	18,387	17,922
39	31	97 170	17 458,133	317 647,585	18,195	17,729
40	32	97 029	16 682,129	300 189,452	17,995	17,529
41	33	96 871	15 937,629	283 507,323	17,789	17,323
42	34	96 702	15 224,864	267 569,694	17,575	17,109
43	35	96 514	14 540,786	252 344,830	17,354	16,889
44	36	96 303	13 884,291	237 804,044	17,128	16,662
45	37	96 066	13 253,669	223 919,753	16,895	16,429
46	38	95 802	12 648,091	210 666,084	16,656	16,190
47	39	95 512	12 066,776	198 017,994	16,410	15,945
48	40	95 173	11 506,204	185 951,217	16,161	15,695
49	41	94 801	10 967,657	174 445,013	15,905	15,440
50	42	94 385	10 449,370	163 477,356	15,645	15,179
51	43	93 924	9 950,527	153 027,987	15,379	14,913
52	44	93 384	9 467,282	143 077,460	15,113	14,647
53	45	92 812	9 004,123	133 610,178	14,839	14,373
54	46	92 183	8 557,950	124 606,054	14,560	14,095
55	47	91 483	8 127,241	116 048,104	14,279	13,813
56	48	90 715	7 712,012	107 920,863	13,994	13,528
57	49	89 895	7 313,166	100 208,852	13,703	13,237
58	50	88 988	6 927,659	92 895,686	13,409	12,944
59	51	88 011	6 556,563	85 968,027	13,112	12,646
60	52	86 958	6 199,142	79 411,464	12,810	12,344
61	53	85 818	5 854,430	73 212,322	12,505	12,040
62	54	84 605	5 523,119	67 357,892	12,196	11,730
63	55	83 324	5 205,254	61 834,772	11,879	11,414
64	56	81 979	4 900,701	56 629,518	11,555	11,090
65	57	80 518	4 606,119	51 728,817	11,230	10,765
66	58	78 989	4 324,043	47 122,698	10,898	10,432
67	59	77 339	4 051,440	42 798,655	10,564	10,098
68	60	75 598	3 789,676	38 747,215	10,224	9,759
69	61	73 751	3 537,872	34 957,539	9,881	9,415
70	62	71 791	3 295,574	31 419,667	9,534	9,068
71	63	69 714	3 062,417	28 124,093	9,184	8,718
72	64	67 518	2 838,236	25 061,677	8,830	8,364
73	65	65 205	2 622,968	22 223,441	8,473	8,007
74	66	62 765	2 416,076	19 600,472	8,113	7,647
75	67	60 120	2 214,624	17 184,396	7,760	7,294
76	68	57 341	2 021,288	14 969,772	7,406	6,940
77	69	54 421	1 835,747	12 948,483	7,054	6,588
78	70	51 326	1 656,791	11 112,736	6,707	6,242
79	71	48 051	1 484,276	9 455,945	6,371	5,905
80	72	44 641	1 319,552	7 971,669	6,041	5,576
81	73	41 132	1 163,493	6 652,117	5,717	5,252
82	74	37 516	1 015,491	5 488,624	5,405	4,939
83	75	33 860	877,072	4 473,133	5,100	4,634
84	76	30 221	749,098	3 596,061	4,801	4,335
85	77	26 586	630,620	2 846,963	4,515	4,049
86	78	23 041	522,994	2 216,343	4,238	3,772
87	79	19 605	425,850	1 693,350	3,976	3,511
88	80	16 338	339,603	1 267,499	3,732	3,267
89	81	13 334	265,222	927,896	3,499	3,033
90	82	10 575	201,290	662,674	3,292	2,827
91	83	8 233	149,969	461,384	3,077	2,611
92	84	6 175	107,633	311,415	2,893	2,428
93	85	4 489	74,877	203,782	2,722	2,256
94	86	3 151	50,301	128,905	2,563	2,097
95	87	2 131	32,545	78,604	2,415	1,950
96	88	1 381	20,191	46,059	2,281	1,816
97	89	858	11,994	25,868	2,157	1,691
98	90	506	6,769	13,874	2,050	1,584
99	91	285	3,649	7,105	1,947	1,481
100	92	151	1,854	3,456	1,864	1,398

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 4,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	41	94 461	10 457,751	164 150,063	15,696	15,231
1							51	42	94 008	9 959,391	153 692,311	15,432	14,966
2							52	43	93 480	9 476,986	143 732,920	15,167	14,701
3							53	44	92 917	9 014,248	134 255,934	14,894	14,428
4							54	45	92 300	8 568,826	125 241,686	14,616	14,150
5							55	46	91 612	8 138,709	116 672,860	14,336	13,870
6							56	47	90 864	7 724,642	108 534,151	14,050	13,585
7							57	48	90 054	7 326,122	100 809,509	13,760	13,295
8							58	49	89 171	6 941,943	93 483,387	13,466	13,001
9	0	99 497	66 951,977	1 449 046,389	21,643	21,177	59	50	88 205	6 571,039	86 541,444	13,170	12,705
10	1	99 176	63 861,872	1 382 094,412	21,642	21,176	60	51	87 171	6 214,348	79 970,405	12,869	12,403
11	2	99 140	61 090,248	1 318 232,540	21,578	21,113	61	52	86 054	5 870,547	73 756,058	12,564	12,098
12	3	99 117	58 445,844	1 257 142,292	21,510	21,044	62	53	84 860	5 539,775	67 885,511	12,254	11,789
13	4	99 095	55 916,565	1 198 696,447	21,437	20,972	63	54	83 590	5 221,919	62 345,736	11,939	11,474
14	5	99 072	53 496,365	1 142 779,882	21,362	20,896	64	55	82 270	4 918,126	57 123,817	11,615	11,149
15	6	99 047	51 179,836	1 089 283,517	21,283	20,818	65	56	80 823	4 623,560	52 205,691	11,291	10,826
16	7	99 021	48 962,936	1 038 103,681	21,202	20,736	66	57	79 306	4 341,394	47 582,130	10,960	10,494
17	8	98 987	46 838,296	989 140,744	21,118	20,653	67	58	77 682	4 069,396	43 240,737	10,626	10,160
18	9	98 946	44 802,852	942 302,448	21,032	20,567	68	59	75 957	3 807,656	39 171,341	10,288	9,822
19	10	98 892	42 849,944	897 499,597	20,945	20,480	69	60	74 150	3 557,042	35 363,686	9,942	9,476
20	11	98 836	40 981,784	854 649,653	20,854	20,389	70	61	72 206	3 314,622	31 806,643	9,596	9,130
21	12	98 775	39 192,789	813 667,869	20,761	20,295	71	62	70 157	3 081,856	28 492,021	9,245	8,779
22	13	98 714	37 481,776	774 475,080	20,663	20,197	72	63	67 976	2 857,489	25 410,166	8,892	8,427
23	14	98 653	35 845,458	736 993,304	20,560	20,095	73	64	65 688	2 642,388	22 552,676	8,535	8,069
24	15	98 590	34 280,225	701 147,847	20,453	19,988	74	65	63 259	2 435,094	19 910,288	8,176	7,711
25	16	98 523	32 781,563	666 867,622	20,343	19,877	75	66	60 639	2 233,732	17 475,194	7,823	7,358
26	17	98 454	31 347,858	634 086,059	20,227	19,762	76	67	57 870	2 039,918	15 241,462	7,472	7,006
27	18	98 381	29 975,709	602 738,201	20,108	19,642	77	68	54 955	1 853,748	13 201,544	7,122	6,656
28	19	98 296	28 660,185	572 762,492	19,985	19,519	78	69	51 877	1 674,578	11 347,796	6,777	6,311
29	20	98 216	27 403,873	544 102,306	19,855	19,389	79	70	48 615	1 501,703	9 673,218	6,441	5,976
30	21	98 130	26 200,739	516 698,434	19,721	19,255	80	71	45 223	1 336,766	8 171,515	6,113	5,647
31	22	98 047	25 051,190	490 497,694	19,580	19,114	81	72	41 737	1 180,585	6 834,749	5,789	5,324
32	23	97 955	23 949,947	465 446,504	19,434	18,969	82	73	38 136	1 032,277	5 654,164	5,477	5,012
33	24	97 860	22 896,527	441 496,558	19,282	18,817	83	74	34 502	893,701	4 621,887	5,172	4,706
34	25	97 766	21 889,401	418 600,031	19,123	18,658	84	75	30 884	765,525	3 728,186	4,870	4,404
35	26	97 667	20 925,577	396 710,630	18,958	18,493	85	76	27 253	646,453	2 962,661	4,583	4,117
36	27	97 562	20 002,920	375 785,053	18,787	18,321	86	77	23 698	537,907	2 316,208	4,306	3,840
37	28	97 450	19 119,551	355 782,133	18,608	18,143	87	78	20 255	439,959	1 778,302	4,042	3,576
38	29	97 333	18 274,238	336 662,581	18,423	17,957	88	79	16 954	352,398	1 338,342	3,798	3,332
39	30	97 198	17 463,076	318 388,343	18,232	17,766	89	80	13 915	276,782	985,945	3,562	3,097
40	31	97 059	16 687,169	300 925,267	18,033	17,568	90	81	11 104	211,348	709,163	3,355	2,890
41	32	96 905	15 943,281	284 238,098	17,828	17,362	91	82	8 714	158,721	497,815	3,136	2,671
42	33	96 738	15 230,433	268 294,818	17,616	17,150	92	83	6 588	114,834	339,093	2,953	2,487
43	34	96 555	14 546,966	253 064,385	17,396	16,931	93	84	4 839	80,714	224,259	2,778	2,313
44	35	96 341	13 889,815	238 517,420	17,172	16,706	94	85	3 436	54,839	143,545	2,618	2,152
45	36	96 112	13 259,970	224 627,604	16,940	16,475	95	86	2 352	35,930	88,706	2,469	2,003
46	37	95 853	12 654,844	211 367,634	16,703	16,237	96	87	1 549	22,643	52,775	2,331	1,865
47	38	95 565	12 073,498	198 712,790	16,459	15,993	97	88	977	13,665	30,132	2,205	1,739
48	39	95 236	11 513,821	186 639,292	16,210	15,744	98	89	589	7,885	16,467	2,088	1,623
49	40	94 868	10 975,408	175 125,470	15,956	15,491	99	90	337	4,317	8,582	1,988	1,522
							100	91	184	2,255	4,265	1,891	1,426

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß   4,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	40	94 528	10 465,142	164 765,691	15,744	15,279
1							51	41	94 083	9 967,380	154 300,549	15,481	15,015
2							52	42	93 563	9 485,429	144 333,169	15,216	14,751
3							53	43	93 012	9 023,487	134 847,740	14,944	14,478
4							54	44	92 404	8 578,461	125 824,253	14,667	14,202
5							55	45	91 728	8 149,052	117 245,792	14,388	13,922
6							56	46	90 992	7 735,543	109 096,739	14,103	13,638
7							57	47	90 201	7 338,120	101 361,197	13,813	13,347
8							58	48	89 329	6 954,241	94 023,076	13,520	13,055
9							59	49	88 387	6 584,587	87 068,835	13,223	12,758
10	0	99 489	64 063,846	1 383 118,937	21,590	21,124	60	50	87 364	6 228,068	80 484,248	12,923	12,457
11	1	99 167	61 106,378	1 319 055,091	21,586	21,121	61	51	86 265	5 884,946	74 256,180	12,618	12,152
12	2	99 132	58 454,551	1 257 948,713	21,520	21,055	62	52	85 093	5 555,025	68 371,234	12,308	11,842
13	3	99 106	55 922,814	1 199 494,162	21,449	20,983	63	53	83 842	5 237,666	62 816,208	11,993	11,528
14	4	99 084	53 502,741	1 143 571,348	21,374	20,908	64	54	82 534	4 933,872	57 578,542	11,670	11,204
15	5	99 057	51 185,010	1 090 068,607	21,297	20,831	65	55	81 110	4 640,001	52 644,671	11,346	10,880
16	6	99 030	48 967,201	1 038 883,597	21,216	20,750	66	56	79 606	4 357,832	48 004,670	11,016	10,550
17	7	98 995	46 842,317	989 916,397	21,133	20,667	67	57	77 994	4 085,724	43 646,838	10,683	10,217
18	8	98 953	44 806,151	943 074,080	21,048	20,582	68	58	76 293	3 824,531	39 561,113	10,344	9,878
19	9	98 899	42 852,900	898 267,929	20,962	20,496	69	59	74 502	3 573,919	35 736,583	9,999	9,534
20	10	98 843	40 984,692	855 415,029	20,872	20,406	70	60	72 597	3 332,582	32 162,664	9,651	9,185
21	11	98 783	39 195,924	814 430,337	20,778	20,313	71	61	70 562	3 099,669	28 830,082	9,301	8,835
22	12	98 722	37 484,793	775 234,413	20,681	20,216	72	62	68 408	2 875,628	25 730,413	8,948	8,482
23	13	98 661	35 848,669	737 749,620	20,580	20,114	73	63	66 134	2 660,313	22 854,785	8,591	8,125
24	14	98 601	34 283,941	701 900,951	20,473	20,008	74	64	63 727	2 453,123	20 194,472	8,232	7,767
25	15	98 535	32 785,687	667 617,010	20,363	19,897	75	65	61 116	2 251,314	17 741,349	7,880	7,415
26	16	98 469	31 352,682	634 831,323	20,248	19,782	76	66	58 369	2 057,518	15 490,035	7,529	7,063
27	17	98 396	29 980,520	603 478,641	20,129	19,663	77	67	55 461	1 870,833	13 432,516	7,180	6,714
28	18	98 318	28 666,733	573 498,120	20,006	19,540	78	68	52 386	1 690,999	11 561,683	6,837	6,372
29	19	98 237	27 409,534	544 831,387	19,877	19,412	79	69	49 137	1 517,824	9 870,684	6,503	6,038
30	20	98 152	26 206,557	517 421,854	19,744	19,278	80	70	45 754	1 352,461	8 352,860	6,176	5,710
31	21	98 067	25 056,434	491 215,297	19,604	19,139	81	71	42 281	1 195,986	7 000,399	5,853	5,388
32	22	97 977	23 955,320	466 158,862	19,460	18,994	82	72	38 696	1 047,441	5 804,413	5,542	5,076
33	23	97 883	22 901,762	442 203,542	19,309	18,843	83	73	35 072	908,474	4 756,972	5,236	4,771
34	24	97 786	21 893,827	419 301,780	19,152	18,686	84	74	31 469	780,040	3 848,498	4,934	4,468
35	25	97 688	20 930,181	397 407,953	18,987	18,522	85	75	27 851	660,629	3 068,458	4,645	4,179
36	26	97 585	20 007,655	376 477,772	18,817	18,351	86	76	24 293	551,412	2 407,830	4,367	3,901
37	27	97 476	19 124,689	356 470,117	18,639	18,174	87	77	20 832	452,504	1 856,417	4,103	3,637
38	28	97 357	18 278,861	337 345,428	18,455	17,990	88	78	17 515	364,073	1 403,913	3,856	3,391
39	29	97 226	17 468,088	319 066,567	18,266	17,800	89	79	14 439	287,209	1 039,841	3,620	3,155
40	30	97 086	16 691,893	301 598,480	18,069	17,603	90	80	11 588	220,560	752,631	3,412	2,947
41	31	96 934	15 948,097	284 906,586	17,865	17,399	91	81	9 149	166,652	532,071	3,193	2,727
42	32	96 772	15 235,833	268 958,489	17,653	17,187	92	82	6 973	121,536	365,419	3,007	2,541
43	33	96 590	14 552,286	253 722,656	17,435	16,970	93	83	5 163	86,115	243,882	2,832	2,366
44	34	96 382	13 895,718	239 170,369	17,212	16,746	94	84	3 704	59,114	157,768	2,669	2,203
45	35	96 150	13 265,246	225 274,652	16,982	16,517	95	85	2 565	39,172	98,654	2,518	2,053
46	36	95 899	12 660,861	212 009,405	16,745	16,280	96	86	1 710	24,999	59,482	2,379	1,914
47	37	95 616	12 079,945	199 348,544	16,502	16,037	97	87	1 096	15,324	34,483	2,250	1,785
48	38	95 289	11 520,235	187 268,599	16,256	15,790	98	88	671	8,984	19,159	2,133	1,667
49	39	94 931	10 982,673	175 748,364	16,002	15,537	99	89	393	5,029	10,175	2,023	1,558
							100	90	218	2,668	5,146	1,929	1,463

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß   4,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11	0	99 480	61 299,637	1 320 002,652	21,534	21,068
12	1	99 158	58 469,985	1 258 703,015	21,527	21,062
13	2	99 121	55 931,144	1 200 233,030	21,459	20,994
14	3	99 095	53 508,720	1 144 301,886	21,385	20,920
15	4	99 069	51 191,111	1 090 793,166	21,308	20,843
16	5	99 040	48 972,151	1 039 602,056	21,228	20,763
17	6	99 004	46 846,396	990 629,905	21,146	20,681
18	7	98 962	44 809,997	943 783,508	21,062	20,596
19	8	98 906	42 856,056	898 973,511	20,977	20,511
20	9	98 850	40 987,520	856 117,455	20,887	20,422
21	10	98 790	39 198,706	815 129,936	20,795	20,329
22	11	98 730	37 487,791	775 931,230	20,698	20,233
23	12	98 669	35 851,555	738 443,439	20,597	20,132
24	13	98 610	34 287,012	702 591,884	20,491	20,026
25	14	98 546	32 789,241	668 304,872	20,382	19,916
26	15	98 481	31 356,627	635 515,631	20,267	19,802
27	16	98 411	29 985,134	604 159,004	20,149	19,683
28	17	98 334	28 671,334	574 173,870	20,026	19,560
29	18	98 259	27 415,796	545 502,536	19,897	19,432
30	19	98 172	26 211,971	518 086,740	19,765	19,300
31	20	98 089	25 061,998	491 874,769	19,626	19,161
32	21	97 997	23 960,335	466 812,772	19,483	19,017
33	22	97 905	22 906,900	442 852,437	19,333	18,867
34	23	97 808	21 898,833	419 945,536	19,177	18,711
35	24	97 708	20 934,413	398 046,704	19,014	18,548
36	25	97 606	20 012,057	377 112,291	18,844	18,379
37	26	97 499	19 129,217	357 100,234	18,668	18,202
38	27	97 383	18 283,773	337 971,017	18,485	18,019
39	28	97 250	17 472,506	319 687,245	18,297	17,831
40	29	97 114	16 696,684	302 214,739	18,100	17,635
41	30	96 962	15 952,612	285 518,055	17,898	17,432
42	31	96 801	15 240,436	269 565,442	17,688	17,222
43	32	96 624	14 557,447	254 325,006	17,470	17,005
44	33	96 418	13 900,801	239 767,560	17,248	16,783
45	34	96 191	13 270,884	225 866,759	17,020	16,554
46	35	95 937	12 665,899	212 595,875	16,785	16,319
47	36	95 661	12 085,688	199 929,976	16,543	16,077
48	37	95 340	11 526,386	187 844,288	16,297	15,831
49	38	94 983	10 988,791	176 317,902	16,045	15,580
50	39	94 590	10 472,070	165 329,111	15,788	15,322
51	40	94 150	9 974,424	154 857,041	15,525	15,060
52	41	93 638	9 493,038	144 882,617	15,262	14,796
53	42	93 095	9 031,526	135 389,579	14,991	14,525
54	43	92 498	8 587,254	126 358,053	14,715	14,249
55	44	91 831	8 158,215	117 770,800	14,436	13,970
56	45	91 108	7 745,373	109 612,584	14,152	13,686
57	46	90 329	7 348,475	101 867,211	13,862	13,397
58	47	89 476	6 965,631	94 518,736	13,569	13,104
59	48	88 544	6 596,252	87 553,105	13,273	12,808
60	49	87 544	6 240,910	80 956,853	12,972	12,506
61	50	86 456	5 897,939	74 715,943	12,668	12,203
62	51	85 302	5 568,651	68 818,004	12,358	11,892
63	52	84 073	5 252,085	63 249,353	12,043	11,577
64	53	82 782	4 948,750	57 997,268	11,720	11,254
65	54	81 370	4 654,855	53 048,518	11,396	10,931
66	55	79 889	4 373,328	48 393,662	11,066	10,600
67	56	78 289	4 101,195	44 020,335	10,734	10,268
68	57	76 599	3 839,877	39 919,140	10,396	9,930
69	58	74 832	3 589,758	36 079,263	10,051	9,585
70	59	72 942	3 348,393	32 489,505	9,703	9,237
71	60	70 945	3 116,464	29 141,112	9,351	8,885
72	61	68 803	2 892,249	26 024,647	8,998	8,532
73	62	66 553	2 677,200	23 132,399	8,641	8,175
74	63	64 160	2 469,764	20 455,199	8,282	7,817
75	64	61 569	2 267,983	17 985,435	7,930	7,465
76	65	58 828	2 073,714	15 717,452	7,579	7,114
77	66	55 940	1 886,975	13 643,738	7,230	6,765
78	67	52 869	1 706,584	11 756,763	6,889	6,423
79	68	49 619	1 532,708	10 050,179	6,557	6,092
80	69	46 245	1 366,980	8 517,471	6,231	5,765
81	70	42 777	1 210,028	7 150,491	5,909	5,444
82	71	39 201	1 061,105	5 940,463	5,598	5,133
83	72	35 588	921,820	4 879,358	5,293	4,828
84	73	31 989	792,934	3 957,538	4,991	4,525
85	74	28 379	673,154	3 164,604	4,701	4,236
86	75	24 825	563,504	2 491,450	4,421	3,956
87	76	21 355	463,866	1 927,946	4,156	3,691
88	77	18 015	374,454	1 464,080	3,910	3,444
89	78	14 918	296,725	1 089,626	3,672	3,207
90	79	12 024	228,869	792,902	3,464	2,999
91	80	9 548	173,916	564,032	3,243	2,778
92	81	7 321	127,609	390,116	3,057	2,591
93	82	5 464	91,141	262,507	2,880	2,415
94	83	3 951	63,069	171,366	2,717	2,252
95	84	2 765	42,226	108,297	2,565	2,099
96	85	1 865	27,254	66,072	2,424	1,959
97	86	1 210	16,919	38,818	2,294	1,829
98	87	753	10,075	21,899	2,174	1,708
99	88	447	5,730	11,824	2,064	1,598
100	89	254	3,107	6,094	1,961	1,496

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß   4,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	38	94 643	10 477,903	165 844,171	15,828	15,362
1							51	39	94 212	9 981,027	155 366,268	15,566	15,101
2							52	40	93 704	9 499,747	145 385,241	15,304	14,839
3							53	41	93 169	9 038,771	135 885,494	15,034	14,568
4							54	42	92 581	8 594,904	126 846,724	14,758	14,293
5							55	43	91 926	8 166,578	118 251,820	14,480	14,014
6							56	44	91 210	7 754,082	110 085,243	14,197	13,731
7							57	45	90 443	7 357,814	102 331,160	13,908	13,442
8							58	46	89 602	6 975,460	94 973,346	13,615	13,150
9							59	47	88 689	6 607,056	87 997,886	13,319	12,853
10							60	48	87 699	6 251,966	81 390,831	13,018	12,553
11							61	49	86 634	5 910,100	75 138,865	12,714	12,248
12	0	99 472	58 654,905	1 259 579,638	21,474	21,009	62	50	85 490	5 580,946	69 228,765	12,404	11,939
13	1	99 147	55 945,912	1 200 924,733	21,466	21,000	63	51	84 280	5 264,967	63 647,819	12,089	11,623
14	2	99 110	53 516,691	1 144 978,821	21,395	20,929	64	52	83 010	4 962,374	58 382,852	11,765	11,299
15	3	99 080	51 196,831	1 091 462,130	21,319	20,853	65	53	81 616	4 668,893	53 420,478	11,442	10,976
16	4	99 052	48 977,988	1 040 265,299	21,239	20,774	66	54	80 145	4 387,329	48 751,586	11,112	10,646
17	5	99 014	46 851,132	991 287,311	21,158	20,693	67	55	78 568	4 115,778	44 364,257	10,779	10,313
18	6	98 971	44 813,900	944 436,179	21,075	20,609	68	56	76 889	3 854,417	40 248,479	10,442	9,977
19	7	98 914	42 859,734	899 622,279	20,990	20,524	69	57	75 133	3 604,162	36 394,063	10,098	9,632
20	8	98 857	40 990,538	856 762,545	20,901	20,436	70	58	73 265	3 363,233	32 789,901	9,750	9,284
21	9	98 797	39 201,410	815 772,006	20,810	20,344	71	59	71 281	3 131,250	29 426,668	9,398	8,932
22	10	98 737	37 490,452	776 570,596	20,714	20,248	72	60	69 176	2 907,921	26 295,417	9,043	8,577
23	11	98 677	35 854,422	739 080,144	20,613	20,148	73	61	66 938	2 692,674	23 387,497	8,686	8,220
24	12	98 618	34 289,772	703 225,722	20,508	20,043	74	62	64 567	2 485,441	20 694,823	8,326	7,861
25	13	98 555	32 792,178	668 935,950	20,399	19,934	75	63	61 987	2 283,368	18 209,381	7,975	7,509
26	14	98 492	31 360,026	636 143,772	20,285	19,820	76	64	59 264	2 089,067	15 926,013	7,624	7,158
27	15	98 424	29 988,907	604 783,746	20,167	19,701	77	65	56 380	1 901,828	13 836,946	7,276	6,810
28	16	98 349	28 675,746	574 794,839	20,045	19,579	78	66	53 325	1 721,308	11 935,118	6,934	6,468
29	17	98 275	27 420,196	546 119,093	19,917	19,451	79	67	50 076	1 546,834	10 213,810	6,603	6,137
30	18	98 195	26 217,959	518 698,897	19,784	19,318	80	68	46 699	1 380,385	8 666,976	6,279	5,813
31	19	98 109	25 067,175	492 480,938	19,646	19,181	81	69	43 237	1 223,018	7 286,591	5,958	5,492
32	20	98 019	23 965,655	467 413,763	19,503	19,038	82	70	39 661	1 073,564	6 063,573	5,648	5,182
33	21	97 925	22 911,696	443 448,107	19,355	18,889	83	71	36 052	933,845	4 990,009	5,344	4,878
34	22	97 830	21 903,746	420 536,412	19,199	18,734	84	72	32 459	804,582	4 056,164	5,041	4,576
35	23	97 731	20 939,199	398 632,666	19,038	18,572	85	73	28 848	684,282	3 251,582	4,752	4,286
36	24	97 626	20 016,103	377 693,467	18,869	18,404	86	74	25 296	574,188	2 567,300	4,471	4,006
37	25	97 520	19 133,426	357 677,363	18,694	18,228	87	75	21 824	474,037	1 993,112	4,205	3,739
38	26	97 406	18 288,101	338 543,938	18,512	18,046	88	76	18 467	383,856	1 519,075	3,957	3,492
39	27	97 276	17 477,201	320 255,837	18,324	17,859	89	77	15 343	305,186	1 135,219	3,720	3,254
40	28	97 139	16 700,907	302 778,636	18,129	17,664	90	78	12 423	236,452	830,033	3,510	3,045
41	29	96 989	15 957,191	286 077,729	17,928	17,462	91	79	9 908	180,468	593,582	3,289	2,824
42	30	96 829	15 244,751	270 120,538	17,719	17,253	92	80	7 640	133,171	413,113	3,102	2,637
43	31	96 653	14 561,845	254 875,787	17,503	17,037	93	81	5 737	95,695	279,942	2,925	2,460
44	32	96 452	13 905,730	240 313,942	17,282	16,816	94	82	4 182	66,750	184,247	2,760	2,295
45	33	96 226	13 275,738	226 408,213	17,054	16,589	95	83	2 950	45,051	117,497	2,608	2,142
46	34	95 978	12 671,281	213 132,475	16,820	16,355	96	84	2 010	29,379	72,447	2,466	2,000
47	35	95 700	12 090,497	200 461,194	16,580	16,114	97	85	1 319	18,445	43,068	2,335	1,869
48	36	95 385	11 531,867	188 370,696	16,335	15,869	98	86	831	11,123	24,623	2,214	1,748
49	37	95 034	10 994,659	176 838,830	16,084	15,618	99	87	502	6,426	13,500	2,101	1,635
							100	88	289	3,540	7,075	1,998	1,533

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß   4,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	37	94 694	10 483,498	166 315,229	15,864	15,399
1							51	38	94 264	9 986,587	155 831,730	15,604	15,138
2							52	39	93 766	9 506,035	145 845,143	15,342	14,877
3							53	40	93 235	9 045,158	136 339,108	15,073	14,608
4							54	41	92 655	8 601,798	127 293,950	14,799	14,333
5							55	42	92 007	8 173,853	118 692,152	14,521	14,055
6							56	43	91 304	7 762,030	110 518,299	14,238	13,773
7							57	44	90 545	7 366,087	102 756,269	13,950	13,484
8							58	45	89 716	6 984,325	95 390,181	13,658	13,192
9							59	46	88 814	6 616,379	88 405,857	13,362	12,896
10							60	47	87 843	6 262,205	81 789,478	13,061	12,595
11							61	48	86 788	5 920,570	75 527,273	12,757	12,291
12							62	49	85 667	5 592,453	69 606,702	12,447	11,981
13	0	99 461	56 122,850	1 201 735,993	21,413	20,947	63	50	84 466	5 276,592	64 014,249	12,132	11,666
14	1	99 136	53 530,821	1 145 613,143	21,401	20,935	64	51	83 214	4 974,545	58 737,658	11,808	11,342
15	2	99 095	51 204,458	1 092 082,322	21,328	20,862	65	52	81 840	4 681,746	53 763,112	11,484	11,018
16	3	99 063	48 983,461	1 040 877,865	21,250	20,784	66	53	80 386	4 400,559	49 081,367	11,153	10,688
17	4	99 026	46 856,716	991 894,404	21,169	20,703	67	54	78 819	4 128,954	44 680,808	10,821	10,356
18	5	98 981	44 818,430	945 037,688	21,086	20,620	68	55	77 163	3 868,122	40 551,853	10,484	10,018
19	6	98 923	42 863,467	900 219,258	21,002	20,536	69	56	75 417	3 617,809	36 683,732	10,140	9,674
20	7	98 866	40 994,057	857 355,790	20,914	20,449	70	57	73 559	3 376,728	33 065,923	9,792	9,327
21	8	98 804	39 204,297	816 361,733	20,823	20,358	71	58	71 597	3 145,128	29 689,194	9,440	8,974
22	9	98 744	37 493,038	777 157,436	20,728	20,262	72	59	69 504	2 921,717	26 544,067	9,085	8,619
23	10	98 684	35 856,967	739 664,398	20,628	20,163	73	60	67 301	2 707,264	23 622,349	8,726	8,260
24	11	98 626	34 292,515	703 807,431	20,524	20,058	74	61	64 940	2 499,807	20 915,085	8,367	7,901
25	12	98 563	32 794,818	669 514,917	20,415	19,950	75	62	62 380	2 297,862	18 415,278	8,014	7,548
26	13	98 501	31 362,835	636 720,098	20,302	19,836	76	63	59 666	2 103,238	16 117,416	7,663	7,198
27	14	98 435	29 992,157	605 357,263	20,184	19,718	77	64	56 798	1 915,909	14 014,178	7,315	6,849
28	15	98 362	28 679,354	575 365,106	20,062	19,596	78	65	53 745	1 734,857	12 098,269	6,974	6,508
29	16	98 290	27 424,416	546 685,752	19,934	19,469	79	66	50 508	1 560,180	10 363,412	6,642	6,177
30	17	98 210	26 222,167	519 261,336	19,802	19,337	80	67	47 129	1 393,107	8 803,231	6,319	5,854
31	18	98 132	25 072,902	493 039,169	19,664	19,199	81	68	43 661	1 235,011	7 410,125	6,000	5,534
32	19	98 039	23 970,606	467 966,267	19,523	19,057	82	69	40 087	1 085,089	6 175,113	5,691	5,225
33	20	97 947	22 916,783	443 995,661	19,374	18,909	83	70	36 475	944,810	5 090,024	5,387	4,922
34	21	97 851	21 908,331	421 078,878	19,220	18,754	84	71	32 883	815,078	4 145,215	5,086	4,620
35	22	97 752	20 943,897	399 170,546	19,059	18,593	85	72	29 272	694,334	3 330,137	4,796	4,331
36	23	97 648	20 020,680	378 226,649	18,892	18,426	86	73	25 714	583,679	2 635,803	4,516	4,050
37	24	97 540	19 137,294	358 205,969	18,718	18,252	87	74	22 238	483,025	2 052,123	4,248	3,783
38	25	97 428	18 292,125	339 068,675	18,536	18,071	88	75	18 872	392,273	1 569,098	4,000	3,534
39	26	97 299	17 481,339	320 776,551	18,350	17,884	89	76	15 728	312,848	1 176,825	3,762	3,296
40	27	97 165	16 705,395	303 295,212	18,156	17,690	90	77	12 777	243,194	863,977	3,553	3,087
41	28	97 014	15 961,227	286 589,817	17,955	17,490	91	78	10 236	186,447	620,783	3,330	2,864
42	29	96 857	15 249,126	270 628,591	17,747	17,282	92	79	7 928	138,189	434,335	3,143	2,677
43	30	96 681	14 565,967	255 379,464	17,533	17,067	93	80	5 987	99,866	296,147	2,965	2,500
44	31	96 481	13 909,931	240 813,497	17,312	16,847	94	81	4 391	70,085	196,281	2,801	2,335
45	32	96 260	13 280,445	226 903,566	17,086	16,620	95	82	3 122	47,680	126,196	2,647	2,181
46	33	96 013	12 675,916	213 623,121	16,853	16,387	96	83	2 144	31,344	78,516	2,505	2,039
47	34	95 740	12 095,635	200 947,205	16,613	16,148	97	84	1 422	19,883	47,172	2,372	1,907
48	35	95 423	11 536,455	188 851,570	16,370	15,904	98	85	906	12,126	27,289	2,250	1,785
49	36	95 079	10 999,886	177 315,114	16,120	15,654	99	86	554	7,094	15,162	2,137	1,672
							100	87	324	3,970	8,068	2,032	1,567

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß   4,50%

Mann x	Frau y	$I_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$I_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	36	94 739	10 488,482	166 745,889	15,898	15,432
1							51	37	94 315	9 991,920	156 257,406	15,638	15,173
2							52	38	93 818	9 511,330	146 265,487	15,378	14,912
3							53	39	93 297	9 051,146	136 754,157	15,109	14,643
4							54	40	92 720	8 607,877	127 703,010	14,836	14,370
5							55	41	92 081	8 180,410	119 095,133	14,559	14,093
6							56	42	91 385	7 768,945	110 914,724	14,277	13,811
7							57	43	90 638	7 373,637	103 145,778	13,988	13,523
8							58	44	89 817	6 992,178	95 772,141	13,697	13,231
9							59	45	88 927	6 624,787	88 779,963	13,401	12,936
10							60	46	87 966	6 271,042	82 155,176	13,101	12,635
11							61	47	86 930	5 930,267	75 884,134	12,796	12,330
12							62	48	85 819	5 602,360	69 953,867	12,486	12,021
13							63	49	84 640	5 287,471	64 351,507	12,171	11,705
14	0	99 450	53 700,121	1 146 364,190	21,348	20,882	64	50	83 398	4 985,528	59 064,035	11,847	11,381
15	1	99 121	51 217,977	1 092 664,069	21,334	20,868	65	51	82 041	4 693,229	54 078,507	11,523	11,057
16	2	99 077	48 990,758	1 041 446,092	21,258	20,792	66	52	80 608	4 412,673	49 385,278	11,192	10,726
17	3	99 037	46 861,952	992 455,334	21,178	20,713	67	53	79 057	4 141,406	44 972,604	10,859	10,394
18	4	98 992	44 823,772	945 593,382	21,096	20,630	68	54	77 410	3 880,505	40 831,199	10,522	10,057
19	5	98 933	42 867,800	900 769,610	21,013	20,547	69	55	75 685	3 630,673	36 950,693	10,177	9,712
20	6	98 875	40 997,627	857 901,810	20,926	20,460	70	56	73 838	3 389,514	33 320,020	9,830	9,365
21	7	98 813	39 207,662	816 904,182	20,835	20,370	71	57	71 884	3 157,748	29 930,506	9,478	9,013
22	8	98 751	37 495,800	777 696,520	20,741	20,275	72	58	69 812	2 934,666	26 772,758	9,123	8,657
23	9	98 691	35 859,441	740 200,721	20,642	20,176	73	59	67 620	2 720,109	23 838,092	8,764	8,298
24	10	98 633	34 294,949	704 341,280	20,538	20,072	74	60	65 292	2 513,352	21 117,984	8,402	7,937
25	11	98 571	32 797,441	670 046,332	20,430	19,964	75	61	62 741	2 311,143	18 604,631	8,050	7,584
26	12	98 509	31 365,360	637 248,891	20,317	19,851	76	62	60 045	2 116,589	16 293,488	7,698	7,232
27	13	98 443	29 994,844	605 883,531	20,200	19,734	77	63	57 183	1 928,906	14 176,899	7,350	6,884
28	14	98 372	28 682,463	575 888,686	20,078	19,612	78	64	54 142	1 747,702	12 247,993	7,008	6,542
29	15	98 302	27 427,866	547 206,224	19,951	19,485	79	65	50 906	1 572,461	10 500,291	6,678	6,212
30	16	98 225	26 226,203	519 778,357	19,819	19,353	80	66	47 536	1 405,127	8 927,830	6,354	5,888
31	17	98 148	25 076,926	493 552,155	19,682	19,216	81	67	44 063	1 246,394	7 522,704	6,036	5,570
32	18	98 062	23 976,083	468 475,229	19,539	19,074	82	68	40 480	1 095,729	6 276,310	5,728	5,262
33	19	97 967	22 921,517	444 499,146	19,392	18,927	83	69	36 867	954,953	5 180,581	5,425	4,959
34	20	97 872	21 913,196	421 577,629	19,239	18,773	84	70	33 269	824,648	4 225,628	5,124	4,659
35	21	97 773	20 948,282	399 664,433	19,079	18,613	85	71	29 654	703,392	3 400,980	4,835	4,370
36	22	97 670	20 025,172	378 716,151	18,912	18,446	86	72	26 092	592,254	2 697,589	4,555	4,089
37	23	97 562	19 141,669	358 690,980	18,739	18,273	87	73	22 605	491,010	2 105,335	4,288	3,822
38	24	97 448	18 295,823	339 549,310	18,559	18,093	88	74	19 230	399,711	1 614,325	4,039	3,573
39	25	97 321	17 485,185	321 253,488	18,373	17,907	89	75	16 073	319,708	1 214,614	3,799	3,334
40	26	97 188	16 709,349	303 768,303	18,180	17,714	90	76	13 098	249,300	894,906	3,590	3,124
41	27	97 040	15 965,516	287 058,953	17,980	17,514	91	77	10 528	191,764	645,606	3,367	2,901
42	28	96 881	15 252,983	271 093,437	17,773	17,308	92	78	8 191	142,767	453,842	3,179	2,713
43	29	96 708	14 570,148	255 840,454	17,559	17,094	93	79	6 213	103,628	311,075	3,002	2,536
44	30	96 508	13 913,869	241 270,306	17,340	16,875	94	80	4 582	73,140	207,447	2,836	2,371
45	31	96 289	13 284,458	227 356,437	17,114	16,649	95	81	3 278	50,063	134,308	2,683	2,217
46	32	96 047	12 680,411	214 071,980	16,882	16,416	96	82	2 270	33,174	84,245	2,540	2,074
47	33	95 775	12 100,059	201 391,569	16,644	16,178	97	83	1 517	21,213	51,071	2,408	1,942
48	34	95 464	11 541,358	189 291,509	16,401	15,936	98	84	977	13,072	29,858	2,284	1,819
49	35	95 117	11 004,263	177 750,152	16,153	15,687	99	85	604	7,734	16,786	2,170	1,705
							100	86	358	4,383	9,052	2,065	1,600

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß   4,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15	0	99 435	51 379,962	1 093 359,636	21,280	20,814
16	1	99 104	49 003,693	1 041 979,674	21,263	20,798
17	2	99 052	46 868,933	992 975,981	21,186	20,721
18	3	99 003	44 828,781	946 107,048	21,105	20,639
19	4	98 945	42 872,910	901 278,267	21,022	20,556
20	5	98 885	41 001,772	858 405,357	20,936	20,470
21	6	98 821	39 211,077	817 403,585	20,846	20,381
22	7	98 759	37 499,018	778 192,509	20,752	20,287
23	8	98 698	35 862,082	740 693,490	20,654	20,188
24	9	98 640	34 297,315	704 831,409	20,551	20,085
25	10	98 578	32 799,769	670 534,094	20,443	19,978
26	11	98 516	31 367,868	637 734,325	20,331	19,865
27	12	98 451	29 997,259	606 366,457	20,214	19,748
28	13	98 381	28 685,032	576 369,198	20,093	19,627
29	14	98 313	27 430,839	547 684,166	19,966	19,500
30	15	98 238	26 229,502	520 253,327	19,835	19,369
31	16	98 163	25 080,785	494 023,824	19,697	19,232
32	17	98 077	23 979,931	468 943,039	19,556	19,090
33	18	97 990	22 926,754	444 963,108	19,408	18,942
34	19	97 892	21 917,723	422 036,355	19,255	18,790
35	20	97 795	20 952,933	400 118,632	19,096	18,630
36	21	97 691	20 029,364	379 165,699	18,930	18,465
37	22	97 584	19 145,964	359 136,335	18,758	18,292
38	23	97 470	18 300,036	339 990,371	18,579	18,113
39	24	97 340	17 488,720	321 690,365	18,394	17,929
40	25	97 209	16 713,026	304 201,645	18,201	17,736
41	26	97 063	15 969,295	287 488,619	18,003	17,537
42	27	96 907	15 257,082	271 519,323	17,796	17,331
43	28	96 733	14 573,833	256 262,241	17,584	17,118
44	29	96 536	13 917,862	241 688,408	17,365	16,900
45	30	96 316	13 288,218	227 770,546	17,141	16,675
46	31	96 076	12 684,242	214 482,327	16,909	16,444
47	32	95 809	12 104,350	201 798,086	16,672	16,206
48	33	95 499	11 545,579	189 693,736	16,430	15,964
49	34	95 158	11 008,939	178 148,156	16,182	15,717
50	35	94 776	10 492,656	167 139,217	15,929	15,464
51	36	94 360	9 996,670	156 646,561	15,670	15,204
52	37	93 869	9 516,409	146 649,891	15,410	14,945
53	38	93 349	9 056,188	137 133,482	15,143	14,677
54	39	92 782	8 613,575	128 077,294	14,869	14,404
55	40	92 146	8 186,191	119 463,719	14,593	14,128
56	41	91 458	7 775,177	111 277,528	14,312	13,846
57	42	90 719	7 380,206	103 502,351	14,024	13,559
58	43	89 909	6 999,345	96 122,145	13,733	13,267
59	44	89 027	6 632,236	89 122,800	13,438	12,972
60	45	88 078	6 279,011	82 490,563	13,138	12,672
61	46	87 052	5 938,635	76 211,552	12,833	12,368
62	47	85 959	5 611,536	70 272,917	12,523	12,057
63	48	84 790	5 296,838	64 661,381	12,208	11,742
64	49	83 570	4 995,808	59 364,543	11,883	11,417
65	50	82 222	4 703,591	54 368,735	11,559	11,093
66	51	80 805	4 423,497	49 665,143	11,228	10,762
67	52	79 274	4 152,807	45 241,647	10,894	10,429
68	53	77 643	3 892,208	41 088,840	10,557	10,091
69	54	75 928	3 642,296	37 196,632	10,212	9,747
70	55	74 100	3 401,567	33 554,336	9,864	9,399
71	56	72 156	3 169,704	30 152,769	9,513	9,047
72	57	70 092	2 946,441	26 983,065	9,158	8,692
73	58	67 920	2 732,164	24 036,623	8,798	8,332
74	59	65 602	2 525,277	21 304,460	8,436	7,971
75	60	63 081	2 323,666	18 779,183	8,082	7,616
76	61	60 392	2 128,823	16 455,516	7,730	7,264
77	62	57 546	1 941,150	14 326,694	7,381	6,915
78	63	54 510	1 759,557	12 385,544	7,039	6,573
79	64	51 283	1 584,103	10 625,986	6,708	6,242
80	65	47 910	1 416,187	9 041,883	6,385	5,919
81	66	44 443	1 257,148	7 625,696	6,066	5,600
82	67	40 853	1 105,828	6 368,549	5,759	5,293
83	68	37 228	964,317	5 262,721	5,457	4,992
84	69	33 626	833,501	4 298,404	5,157	4,691
85	70	30 002	711,650	3 464,903	4,869	4,403
86	71	26 432	599,980	2 753,253	4,589	4,123
87	72	22 937	498,223	2 153,273	4,322	3,856
88	73	19 548	406,318	1 655,050	4,073	3,608
89	74	16 378	325,770	1 248,732	3,833	3,368
90	75	13 385	254,767	922,962	3,623	3,157
91	76	10 792	196,578	668,195	3,399	2,934
92	77	8 424	146,838	471,617	3,212	2,746
93	78	6 419	107,061	324,779	3,034	2,568
94	79	4 755	75,895	217,718	2,869	2,403
95	80	3 420	52,245	141,822	2,715	2,249
96	81	2 383	34,831	89,578	2,572	2,106
97	82	1 605	22,451	54,746	2,438	1,973
98	83	1 042	13,946	32,295	2,316	1,850
99	84	651	8,337	18,349	2,201	1,735
100	85	390	4,779	10,012	2,095	1,629

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß   4,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	34	94 817	10 497,115	167 499,064	15,957	15,491
1							51	35	94 397	10 000,648	157 001,949	15,699	15,234
2							52	36	93 913	9 520,934	147 001,301	15,440	14,974
3							53	37	93 399	9 061,024	137 480,368	15,173	14,707
4							54	38	92 834	8 618,373	128 419,344	14,901	14,435
5							55	39	92 207	8 191,610	119 800,971	14,625	14,159
6							56	40	91 523	7 780,672	111 609,361	14,344	13,879
7							57	41	90 792	7 386,126	103 828,689	14,057	13,592
8							58	42	89 989	7 005,580	96 442,562	13,767	13,301
9							59	43	89 118	6 639,034	89 436,982	13,471	13,006
10							60	44	88 177	6 286,071	82 797,948	13,172	12,706
11							61	45	87 163	5 946,182	76 511,876	12,867	12,402
12							62	46	86 080	5 619,454	70 565,694	12,557	12,092
13							63	47	84 929	5 305,514	64 946,240	12,241	11,776
14							64	48	83 718	5 004,659	59 640,726	11,917	11,451
15							65	49	82 392	4 713,289	54 636,068	11,592	11,126
16	0	99 417	49 158,675	1 042 624,110	21,209	20,744	66	50	80 984	4 433,263	49 922,778	11,261	10,795
17	1	99 078	46 881,308	993 465,435	21,191	20,725	67	51	79 469	4 162,993	45 489,515	10,927	10,462
18	2	99 018	44 835,459	946 584,127	21,112	20,647	68	52	77 857	3 902,923	41 326,522	10,589	10,123
19	3	98 956	42 877,701	901 748,668	21,031	20,565	69	53	76 157	3 653,280	37 423,600	10,244	9,778
20	4	98 896	41 006,659	858 870,968	20,945	20,479	70	54	74 337	3 412,457	33 770,320	9,896	9,431
21	5	98 831	39 215,041	817 864,309	20,856	20,390	71	55	72 413	3 180,975	30 357,863	9,544	9,078
22	6	98 768	37 502,284	778 649,268	20,763	20,297	72	56	70 358	2 957,598	27 176,888	9,189	8,723
23	7	98 707	35 865,160	741 146,984	20,665	20,199	73	57	68 192	2 743,127	24 219,290	8,829	8,363
24	8	98 647	34 299,841	705 281,824	20,562	20,097	74	58	65 892	2 536,469	21 476,163	8,467	8,001
25	9	98 584	32 802,032	670 981,984	20,456	19,990	75	59	63 380	2 334,691	18 939,694	8,112	7,647
26	10	98 523	31 370,095	638 179,952	20,344	19,878	76	60	60 719	2 140,358	16 605,003	7,758	7,292
27	11	98 459	29 999,658	606 809,857	20,227	19,762	77	61	57 878	1 952,369	14 464,645	7,409	6,943
28	12	98 389	28 687,342	576 810,199	20,107	19,641	78	62	54 856	1 770,726	12 512,276	7,066	6,601
29	13	98 322	27 433,297	548 122,858	19,980	19,515	79	63	51 631	1 594,849	10 741,550	6,735	6,270
30	14	98 248	26 232,345	520 689,561	19,849	19,384	80	64	48 264	1 426,672	9 146,700	6,411	5,946
31	15	98 175	25 083,941	494 457,216	19,712	19,246	81	65	44 793	1 267,043	7 720,028	6,093	5,627
32	16	98 093	23 983,621	469 373,275	19,571	19,105	82	66	41 205	1 115,369	6 452,985	5,786	5,320
33	17	98 005	22 930,433	445 389,654	19,424	18,958	83	67	37 571	973,204	5 337,616	5,485	5,019
34	18	97 915	21 922,730	422 459,221	19,270	18,805	84	68	33 956	841,674	4 364,412	5,185	4,720
35	19	97 815	20 957,261	400 536,490	19,112	18,646	85	69	30 324	719,290	3 522,738	4,898	4,432
36	20	97 712	20 033,811	379 579,229	18,947	18,481	86	70	26 743	607,024	2 803,447	4,618	4,153
37	21	97 605	19 149,972	359 545,418	18,775	18,310	87	71	23 236	504,722	2 196,423	4,352	3,886
38	22	97 492	18 304,112	340 395,446	18,597	18,131	88	72	19 835	412,287	1 691,701	4,103	3,638
39	23	97 363	17 492,719	322 091,334	18,413	17,947	89	73	16 649	331,155	1 279,414	3,863	3,398
40	24	97 229	16 716,405	304 598,615	18,222	17,756	90	74	13 639	259,598	948,259	3,653	3,187
41	25	97 084	15 972,809	287 882,210	18,023	17,558	91	75	11 029	200,889	688,661	3,428	2,962
42	26	96 930	15 260,694	271 909,401	17,818	17,352	92	76	8 636	150,524	487,772	3,240	2,775
43	27	96 759	14 577,749	256 648,707	17,606	17,140	93	77	6 602	110,114	337,248	3,063	2,597
44	28	96 560	13 921,383	242 070,958	17,388	16,923	94	78	4 912	78,410	227,134	2,897	2,431
45	29	96 344	13 292,032	228 149,575	17,164	16,699	95	79	3 549	54,213	148,724	2,743	2,278
46	30	96 103	12 687,833	214 857,543	16,934	16,469	96	80	2 487	36,350	94,511	2,600	2,134
47	31	95 838	12 108,007	202 169,710	16,697	16,232	97	81	1 685	23,573	58,162	2,467	2,002
48	32	95 533	11 549,673	190 061,703	16,456	15,990	98	82	1 103	14,760	34,589	2,343	1,878
49	33	95 192	11 012,966	178 512,030	16,209	15,744	99	83	694	8,895	19,829	2,229	1,764
							100	84	420	5,151	10,934	2,123	1,657

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß   4,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$
0							50	33	94 851	10 500,954	167 828,034	15,982	15,517
1							51	34	94 437	10 004,898	157 327,080	15,725	15,259
2							52	35	93 951	9 524,722	147 322,182	15,467	15,002
3							53	36	93 443	9 065,332	137 797,460	15,200	14,735
4							54	37	92 883	8 622,975	128 732,129	14,929	14,463
5							55	38	92 259	8 196,173	120 109,153	14,654	14,189
6							56	39	91 583	7 785,823	111 912,980	14,374	13,908
7							57	40	90 856	7 391,346	104 127,158	14,088	13,622
8							58	41	90 061	7 011,200	96 735,811	13,797	13,332
9							59	42	89 198	6 644,949	89 724,612	13,503	13,037
10							60	43	88 268	6 292,515	83 079,663	13,203	12,737
11							61	44	87 261	5 952,868	76 787,148	12,899	12,434
12							62	45	86 190	5 626,596	70 834,280	12,589	12,124
13							63	46	85 048	5 313,000	65 207,684	12,273	11,808
14							64	47	83 855	5 012,855	59 894,684	11,948	11,483
15							65	48	82 538	4 721,639	54 881,829	11,623	11,158
16							66	49	81 151	4 442,404	50 160,189	11,291	10,826
17	0	99 391	47 029,578	994 062,724	21,137	20,671	67	50	79 644	4 172,184	45 717,785	10,958	10,492
18	1	99 044	44 847,297	947 033,146	21,117	20,651	68	51	78 048	3 912,496	41 545,601	10,619	10,153
19	2	98 970	42 884,088	902 185,849	21,038	20,572	69	52	76 366	3 663,337	37 633,106	10,273	9,807
20	3	98 907	41 011,241	859 301,761	20,953	20,487	70	53	74 562	3 422,747	33 969,768	9,925	9,459
21	4	98 843	39 219,715	818 290,520	20,864	20,399	71	54	72 645	3 191,159	30 547,021	9,572	9,107
22	5	98 778	37 506,075	779 070,806	20,772	20,306	72	55	70 608	2 968,115	27 355,862	9,217	8,751
23	6	98 715	35 868,284	741 564,730	20,675	20,209	73	56	68 450	2 753,514	24 387,748	8,857	8,391
24	7	98 655	34 302,785	705 696,447	20,573	20,107	74	57	66 157	2 546,646	21 634,234	8,495	8,030
25	8	98 592	32 804,448	671 393,662	20,467	20,001	75	58	63 661	2 345,038	19 087,587	8,140	7,674
26	9	98 530	31 372,259	638 589,215	20,355	19,890	76	59	61 007	2 150,513	16 742,550	7,785	7,320
27	10	98 466	30 001,787	607 216,956	20,239	19,774	77	60	58 192	1 962,948	14 592,037	7,434	6,968
28	11	98 397	28 689,636	577 215,169	20,119	19,654	78	61	55 173	1 780,961	12 629,088	7,091	6,626
29	12	98 330	27 435,505	548 525,533	19,993	19,528	79	62	51 958	1 604,973	10 848,127	6,759	6,293
30	13	98 257	26 234,695	521 090,028	19,863	19,397	80	63	48 592	1 436,350	9 243,155	6,435	5,970
31	14	98 186	25 086,660	494 855,332	19,726	19,260	81	64	45 125	1 276,424	7 806,805	6,116	5,651
32	15	98 105	23 986,638	469 768,672	19,585	19,119	82	65	41 530	1 124,148	6 530,380	5,809	5,344
33	16	98 020	22 933,962	445 782,034	19,438	18,972	83	66	37 895	981,601	5 406,232	5,508	5,042
34	17	97 931	21 926,249	422 848,072	19,285	18,819	84	67	34 269	849,431	4 424,631	5,209	4,743
35	18	97 837	20 962,049	400 921,823	19,126	18,660	85	68	30 622	726,343	3 575,199	4,922	4,457
36	19	97 733	20 037,950	379 959,773	18,962	18,496	86	69	27 030	613,541	2 848,856	4,643	4,178
37	20	97 626	19 154,224	359 921,824	18,791	18,325	87	70	23 509	510,648	2 235,315	4,377	3,912
38	21	97 512	18 307,944	340 767,599	18,613	18,147	88	71	20 094	417,665	1 724,667	4,129	3,664
39	22	97 385	17 496,644	322 459,656	18,430	17,964	89	72	16 893	336,020	1 307,001	3,890	3,424
40	23	97 251	16 720,227	304 963,012	18,239	17,774	90	73	13 864	263,889	970,981	3,680	3,214
41	24	97 104	15 976,038	288 242,785	18,042	17,577	91	74	11 238	204,698	707,093	3,454	2,989
42	25	96 951	15 264,052	272 266,747	17,837	17,372	92	75	8 825	153,825	502,395	3,266	2,800
43	26	96 782	14 581,200	257 002,695	17,626	17,160	93	76	6 767	112,879	348,570	3,088	2,622
44	27	96 586	13 925,124	242 421,495	17,409	16,943	94	77	5 053	80,645	235,691	2,923	2,457
45	28	96 368	13 295,394	228 496,371	17,186	16,721	95	78	3 667	56,009	155,045	2,768	2,303
46	29	96 131	12 691,474	215 200,977	16,956	16,491	96	79	2 581	37,719	99,036	2,626	2,160
47	30	95 865	12 111,435	202 509,503	16,721	16,255	97	80	1 759	24,600	61,317	2,493	2,027
48	31	95 561	11 553,163	190 398,068	16,480	16,015	98	81	1 158	15,498	36,717	2,369	1,904
49	32	95 226	11 016,871	178 844,905	16,234	15,768	99	82	735	9,414	21,219	2,254	1,788
							100	83	448	5,496	11,805	2,148	1,682

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß   4,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
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11						
12						
13						
14						
15						
16						
17						
18	0	99 358	44 989,134	947 586,937	21,063	20,597
19	1	98 997	42 895,411	902 597,803	21,042	20,576
20	2	98 922	41 017,350	859 702,393	20,959	20,494
21	3	98 854	39 224,097	818 685,042	20,872	20,406
22	4	98 790	37 510,546	779 460,945	20,780	20,314
23	5	98 725	35 871,909	741 950,399	20,683	20,218
24	6	98 664	34 305,772	706 078,490	20,582	20,116
25	7	98 600	32 807,263	671 772,718	20,476	20,011
26	8	98 537	31 374,570	638 965,454	20,366	19,900
27	9	98 473	30 003,857	607 590,885	20,250	19,785
28	10	98 404	28 691,672	577 587,028	20,131	19,665
29	11	98 338	27 437,699	548 895,356	20,005	19,540
30	12	98 265	26 236,807	521 457,656	19,875	19,409
31	13	98 194	25 088,907	495 220,849	19,739	19,273
32	14	98 116	23 989,238	470 131,942	19,598	19,132
33	15	98 033	22 936,848	446 142,703	19,451	18,985
34	16	97 946	21 929,623	423 205,856	19,298	18,833
35	17	97 853	20 965,414	401 276,233	19,140	18,674
36	18	97 755	20 042,528	380 310,819	18,975	18,510
37	19	97 647	19 158,181	360 268,291	18,805	18,339
38	20	97 534	18 312,009	341 110,110	18,628	18,162
39	21	97 405	17 500,306	322 798,101	18,445	17,980
40	22	97 273	16 723,979	305 297,795	18,255	17,789
41	23	97 126	15 979,691	288 573,816	18,059	17,593
42	24	96 971	15 267,138	272 594,125	17,855	17,389
43	25	96 803	14 584,408	257 326,988	17,644	17,178
44	26	96 609	13 928,420	242 742,579	17,428	16,962
45	27	96 394	13 298,967	228 814,159	17,205	16,740
46	28	96 155	12 694,685	215 515,192	16,977	16,511
47	29	95 893	12 114,911	202 820,508	16,741	16,276
48	30	95 589	11 556,433	190 705,597	16,502	16,037
49	31	95 255	11 020,199	179 149,163	16,256	15,791
50	32	94 885	10 504,678	168 128,964	16,005	15,540
51	33	94 472	10 008,557	157 624,286	15,749	15,283
52	34	93 990	9 528,770	147 615,729	15,492	15,026
53	35	93 480	9 068,939	138 086,959	15,226	14,761
54	36	92 927	8 627,075	129 018,020	14,955	14,489
55	37	92 308	8 200,549	120 390,945	14,681	14,215
56	38	91 634	7 790,159	112 190,396	14,402	13,936
57	39	90 916	7 396,239	104 400,236	14,115	13,650
58	40	90 125	7 016,155	97 003,997	13,826	13,360
59	41	89 269	6 650,279	89 987,842	13,531	13,066
60	42	88 346	6 298,121	83 337,563	13,232	12,767
61	43	87 350	5 958,970	77 039,443	12,928	12,463
62	44	86 287	5 632,922	71 080,473	12,619	12,153
63	45	85 156	5 319,752	65 447,550	12,303	11,837
64	46	83 973	5 019,929	60 127,798	11,978	11,512
65	47	82 673	4 729,372	55 107,869	11,652	11,187
66	48	81 295	4 450,274	50 378,497	11,320	10,855
67	49	79 809	4 180,787	45 928,223	10,986	10,520
68	50	78 220	3 921,134	41 747,436	10,647	10,181
69	51	76 553	3 672,323	37 826,303	10,300	9,835
70	52	74 767	3 432,170	34 153,980	9,951	9,486
71	53	72 864	3 200,782	30 721,810	9,598	9,133
72	54	70 834	2 977,617	27 521,028	9,243	8,777
73	55	68 694	2 763,305	24 543,411	8,882	8,416
74	56	66 407	2 556,289	21 780,106	8,520	8,055
75	57	63 916	2 354,448	19 223,817	8,165	7,699
76	58	61 277	2 160,043	16 869,369	7,810	7,344
77	59	58 468	1 972,261	14 709,326	7,458	6,992
78	60	55 472	1 790,611	12 737,064	7,113	6,648
79	61	52 259	1 614,249	10 946,453	6,781	6,316
80	62	48 900	1 445,468	9 332,204	6,456	5,991
81	63	45 431	1 285,083	7 886,736	6,137	5,672
82	64	41 837	1 132,471	6 601,653	5,829	5,364
83	65	38 194	989,328	5 469,182	5,528	5,063
84	66	34 564	856,760	4 479,854	5,229	4,763
85	67	30 904	733,038	3 623,094	4,943	4,477
86	68	27 295	619,557	2 890,056	4,665	4,199
87	69	23 762	516,130	2 270,499	4,399	3,933
88	70	20 330	422,569	1 754,368	4,152	3,686
89	71	17 114	340,403	1 331,799	3,912	3,447
90	72	14 068	267,765	991,396	3,702	3,237
91	73	11 424	208,082	723,631	3,478	3,012
92	74	8 993	156,742	515,549	3,289	2,824
93	75	6 916	115,354	358,807	3,110	2,645
94	76	5 179	82,670	243,453	2,945	2,479
95	77	3 772	57,606	160,783	2,791	2,325
96	78	2 666	38,969	103,177	2,648	2,182
97	79	1 825	25,527	64,208	2,515	2,050
98	80	1 208	16,173	38,681	2,392	1,926
99	81	772	9,884	22,508	2,277	1,812
100	82	475	5,817	12,624	2,170	1,705

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß   4,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	31	94 914	10 507,852	168 403,983	16,026	15,561
1							51	32	94 505	10 012,106	157 896,132	15,771	15,305
2							52	33	94 025	9 532,255	147 884,025	15,514	15,048
3							53	34	93 520	9 072,793	138 351,770	15,249	14,783
4							54	35	92 964	8 630,508	129 278,978	14,979	14,514
5							55	36	92 352	8 204,448	120 648,470	14,705	14,240
6							56	37	91 683	7 794,319	112 444,021	14,426	13,961
7							57	38	90 966	7 400,359	104 649,702	14,141	13,676
8							58	39	90 184	7 020,799	97 249,343	13,852	13,386
9							59	40	89 332	6 654,979	90 228,544	13,558	13,092
10							60	41	88 417	6 303,172	83 573,565	13,259	12,793
11							61	42	87 428	5 964,279	77 270,392	12,956	12,490
12							62	43	86 375	5 638,696	71 306,113	12,646	12,180
13							63	44	85 252	5 325,734	65 667,417	12,330	11,865
14							64	45	84 080	5 026,308	60 341,684	12,005	11,540
15							65	46	82 789	4 736,046	55 315,375	11,680	11,214
16							66	47	81 428	4 457,563	50 579,329	11,347	10,881
17							67	48	79 950	4 188,193	46 121,767	11,012	10,547
18							68	49	78 382	3 929,219	41 933,574	10,672	10,207
19	0	99 310	43 031,074	903 111,433	20,987	20,522	69	50	76 722	3 680,431	38 004,355	10,326	9,860
20	1	98 948	41 028,180	860 080,359	20,963	20,498	70	51	74 950	3 440,588	34 323,924	9,976	9,511
21	2	98 869	39 229,940	819 052,179	20,878	20,413	71	52	73 065	3 209,594	30 883,336	9,622	9,157
22	3	98 801	37 514,737	779 822,238	20,787	20,321	72	53	71 048	2 986,596	27 673,742	9,266	8,800
23	4	98 737	35 876,185	742 307,501	20,691	20,225	73	54	68 914	2 772,151	24 687,146	8,905	8,440
24	5	98 674	34 309,240	706 431,316	20,590	20,125	74	55	66 643	2 565,379	21 914,995	8,543	8,077
25	6	98 609	32 810,121	672 122,076	20,485	20,020	75	56	64 158	2 363,363	19 349,616	8,187	7,722
26	7	98 546	31 377,263	639 311,955	20,375	19,909	76	57	61 523	2 168,711	16 986,253	7,832	7,367
27	8	98 480	30 006,067	607 934,693	20,260	19,795	77	58	58 727	1 981,002	14 817,542	7,480	7,014
28	9	98 411	28 693,651	577 928,626	20,141	19,676	78	59	55 735	1 799,107	12 836,540	7,135	6,669
29	10	98 345	27 439,647	549 234,974	20,016	19,550	79	60	52 542	1 622,996	11 037,433	6,801	6,335
30	11	98 273	26 238,906	521 795,328	19,886	19,421	80	61	49 183	1 453,822	9 414,437	6,476	6,010
31	12	98 202	25 090,927	495 556,422	19,750	19,285	81	62	45 719	1 293,240	7 960,615	6,156	5,690
32	13	98 124	23 991,388	470 465,495	19,610	19,144	82	63	42 121	1 140,154	6 667,375	5,848	5,382
33	14	98 043	22 939,334	446 474,107	19,463	18,998	83	64	38 477	996,653	5 527,221	5,546	5,080
34	15	97 958	21 932,382	423 534,773	19,311	18,845	84	65	34 836	863,504	4 530,568	5,247	4,781
35	16	97 868	20 968,640	401 602,391	19,153	18,687	85	66	31 170	739,363	3 667,064	4,960	4,494
36	17	97 771	20 045,744	380 633,751	18,988	18,523	86	67	27 547	625,267	2 927,702	4,682	4,217
37	18	97 669	19 162,558	360 588,007	18,817	18,352	87	68	23 995	521,191	2 302,434	4,418	3,952
38	19	97 554	18 315,792	341 425,449	18,641	18,175	88	69	20 548	427,105	1 781,243	4,170	3,705
39	20	97 427	17 504,192	323 109,657	18,459	17,993	89	70	17 315	344,400	1 354,137	3,932	3,466
40	21	97 293	16 727,479	305 605,465	18,270	17,804	90	71	14 251	271,258	1 009,737	3,722	3,257
41	22	97 148	15 983,277	288 877,986	18,074	17,608	91	72	11 592	211,138	738,479	3,498	3,032
42	23	96 993	15 270,628	272 894,709	17,871	17,405	92	73	9 141	159,333	527,341	3,310	2,844
43	24	96 823	14 587,357	257 624,081	17,661	17,195	93	74	7 047	117,541	368,008	3,131	2,665
44	25	96 630	13 931,485	243 036,723	17,445	16,980	94	75	5 293	84,483	250,467	2,965	2,499
45	26	96 417	13 302,115	229 105,239	17,223	16,758	95	76	3 866	59,052	165,984	2,811	2,345
46	27	96 181	12 698,096	215 803,124	16,995	16,529	96	77	2 742	40,080	106,931	2,668	2,202
47	28	95 917	12 117,975	203 105,028	16,761	16,295	97	78	1 886	26,373	66,851	2,535	2,069
48	29	95 616	11 559,750	190 987,053	16,522	16,056	98	79	1 254	16,782	40,478	2,412	1,946
49	30	95 282	11 023,319	179 427,303	16,277	15,811	99	80	805	10,315	23,696	2,297	1,832
							100	81	498	6,107	13,381	2,191	1,725

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß   4,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	30	94 940	10 510,826	168 655,346	16,046	15,580
1							51	31	94 534	10 015,131	158 144,520	15,791	15,325
2							52	32	94 058	9 535,635	148 129,389	15,534	15,069
3							53	33	93 554	9 076,111	138 593,754	15,270	14,805
4							54	34	93 004	8 634,175	129 517,642	15,001	14,535
5							55	35	92 389	8 207,713	120 883,467	14,728	14,262
6							56	36	91 727	7 798,025	112 675,754	14,449	13,984
7							57	37	91 015	7 404,311	104 877,729	14,164	13,699
8							58	38	90 235	7 024,710	97 473,418	13,876	13,410
9							59	39	89 391	6 659,384	90 448,708	13,582	13,117
10							60	40	88 480	6 307,627	83 789,324	13,284	12,818
11							61	41	87 498	5 969,063	77 481,697	12,981	12,515
12							62	42	86 452	5 643,719	71 512,634	12,671	12,206
13							63	43	85 340	5 331,193	65 868,914	12,355	11,890
14							64	44	84 174	5 031,960	60 537,722	12,031	11,565
15							65	45	82 895	4 742,065	55 505,762	11,705	11,239
16							66	46	81 543	4 463,853	50 763,697	11,372	10,907
17							67	47	80 081	4 195,052	46 299,844	11,037	10,571
18							68	48	78 520	3 936,180	42 104,792	10,697	10,231
19							69	49	76 881	3 688,019	38 168,612	10,349	9,884
20	0	99 261	41 157,938	860 556,903	20,909	20,443	70	50	75 116	3 448,185	34 480,593	10,000	9,534
21	1	98 895	39 240,298	819 398,965	20,882	20,416	71	51	73 244	3 217,466	31 032,408	9,645	9,179
22	2	98 815	37 520,326	780 158,666	20,793	20,327	72	52	71 243	2 994,818	27 814,942	9,288	8,822
23	3	98 748	35 880,194	742 638,341	20,698	20,232	73	53	69 122	2 780,511	24 820,124	8,926	8,461
24	4	98 686	34 313,330	706 758,147	20,597	20,132	74	54	66 857	2 573,592	22 039,613	8,564	8,098
25	5	98 619	32 813,437	672 444,817	20,493	20,027	75	55	64 386	2 371,766	19 466,021	8,207	7,742
26	6	98 554	31 379,995	639 631,380	20,383	19,918	76	56	61 756	2 176,923	17 094,255	7,852	7,387
27	7	98 489	30 008,642	608 251,385	20,269	19,804	77	57	58 963	1 988,951	14 917,332	7,500	7,034
28	8	98 418	28 695,765	578 242,742	20,151	19,685	78	58	55 982	1 807,080	12 928,381	7,154	6,689
29	9	98 351	27 441,540	549 546,977	20,026	19,560	79	59	52 791	1 630,696	11 121,301	6,820	6,354
30	10	98 280	26 240,768	522 105,438	19,897	19,431	80	60	49 449	1 461,700	9 490,604	6,493	6,027
31	11	98 210	25 092,934	495 864,670	19,761	19,296	81	61	45 983	1 300,715	8 028,904	6,173	5,707
32	12	98 132	23 993,319	470 771,736	19,621	19,155	82	62	42 388	1 147,391	6 728,190	5,864	5,398
33	13	98 052	22 941,389	446 778,417	19,475	19,009	83	63	38 738	1 003,413	5 580,799	5,562	5,096
34	14	97 969	21 934,760	423 837,028	19,323	18,857	84	64	35 094	869,897	4 577,385	5,262	4,796
35	15	97 880	20 971,278	401 902,269	19,164	18,699	85	65	31 416	745,182	3 707,488	4,975	4,510
36	16	97 786	20 048,829	380 930,990	19,000	18,535	86	66	27 784	630,662	2 962,305	4,697	4,232
37	17	97 685	19 165,634	360 882,161	18,830	18,364	87	67	24 216	525,995	2 331,643	4,433	3,967
38	18	97 576	18 319,976	341 716,527	18,653	18,187	88	68	20 749	431,294	1 805,648	4,187	3,721
39	19	97 447	17 507,808	323 396,551	18,472	18,006	89	69	17 501	348,097	1 374,355	3,948	3,483
40	20	97 315	16 731,194	305 888,743	18,283	17,817	90	70	14 418	274,443	1 026,257	3,739	3,274
41	21	97 168	15 986,622	289 157,549	18,087	17,622	91	71	11 743	213,893	751,814	3,515	3,049
42	22	97 015	15 274,055	273 170,927	17,885	17,419	92	72	9 275	161,673	537,921	3,327	2,862
43	23	96 845	14 590,692	257 896,872	17,675	17,210	93	73	7 163	119,484	376,248	3,149	2,683
44	24	96 650	13 934,301	243 306,180	17,461	16,995	94	74	5 393	86,085	256,764	2,983	2,517
45	25	96 438	13 305,042	229 371,879	17,239	16,774	95	75	3 951	60,347	170,679	2,828	2,363
46	26	96 203	12 701,102	216 066,837	17,012	16,546	96	76	2 811	41,086	110,331	2,685	2,220
47	27	95 943	12 121,231	203 365,735	16,778	16,312	97	77	1 939	27,125	69,245	2,553	2,087
48	28	95 640	11 562,674	191 244,504	16,540	16,074	98	78	1 295	17,338	42,120	2,429	1,964
49	29	95 309	11 026,483	179 681,830	16,295	15,830	99	79	836	10,704	24,782	2,315	1,850
							100	80	520	6,374	14,078	2,209	1,743

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß 4,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
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20						
21	0	99 208	39 364,402	819 841,238	20,827	20,361
22	1	98 842	37 530,232	780 476,836	20,796	20,330
23	2	98 763	35 885,539	742 946,603	20,703	20,238
24	3	98 697	34 317,164	707 061,064	20,604	20,138
25	4	98 630	32 817,348	672 743,901	20,500	20,034
26	5	98 564	31 383,167	639 926,552	20,391	19,925
27	6	98 497	30 011,256	608 543,385	20,277	19,812
28	7	98 426	28 698,228	578 532,129	20,159	19,694
29	8	98 359	27 443,561	549 833,901	20,035	19,569
30	9	98 287	26 242,578	522 390,340	19,906	19,441
31	10	98 217	25 094,715	496 147,762	19,771	19,305
32	11	98 140	23 995,238	471 053,047	19,631	19,165
33	12	98 060	22 943,236	447 057,809	19,485	19,020
34	13	97 977	21 936,725	424 114,573	19,334	18,868
35	14	97 891	20 973,551	402 177,849	19,175	18,710
36	15	97 798	20 051,352	381 204,297	19,011	18,546
37	16	97 700	19 168,583	361 152,946	18,841	18,375
38	17	97 592	18 322,917	341 984,363	18,664	18,199
39	18	97 469	17 511,808	323 661,446	18,482	18,017
40	19	97 335	16 734,650	306 149,638	18,294	17,829
41	20	97 190	15 990,172	289 414,988	18,100	17,634
42	21	97 035	15 277,252	273 424,816	17,898	17,432
43	22	96 867	14 593,966	258 147,564	17,689	17,223
44	23	96 672	13 937,487	243 553,598	17,475	17,009
45	24	96 458	13 307,732	229 616,111	17,254	16,789
46	25	96 225	12 703,896	216 308,379	17,027	16,561
47	26	95 966	12 124,101	203 604,482	16,793	16,328
48	27	95 666	11 565,781	191 480,381	16,556	16,090
49	28	95 333	11 029,272	179 914,600	16,312	15,847
50	29	94 968	10 513,843	168 885,328	16,063	15,598
51	30	94 561	10 017,966	158 371,485	15,809	15,343
52	31	94 087	9 538,516	148 353,519	15,553	15,087
53	32	93 587	9 079,330	138 815,003	15,289	14,824
54	33	93 038	8 637,334	129 735,673	15,020	14,555
55	34	92 428	8 211,201	121 098,339	14,748	14,282
56	35	91 763	7 801,128	112 887,139	14,471	14,005
57	36	91 058	7 407,831	105 086,011	14,186	13,720
58	37	90 283	7 028,461	97 678,180	13,898	13,432
59	38	89 441	6 663,094	90 649,718	13,605	13,139
60	39	88 538	6 311,803	83 986,625	13,306	12,841
61	40	87 560	5 973,281	77 674,822	13,004	12,538
62	41	86 521	5 648,246	71 701,540	12,694	12,229
63	42	85 416	5 335,942	66 053,294	12,379	11,913
64	43	84 261	5 037,118	60 717,352	12,054	11,588
65	44	82 988	4 747,397	55 680,234	11,729	11,263
66	45	81 646	4 469,526	50 932,838	11,396	10,930
67	46	80 194	4 200,972	46 463,312	11,060	10,595
68	47	78 664	3 942,626	42 262,340	10,719	10,254
69	48	77 017	3 694,553	38 319,713	10,372	9,906
70	49	75 271	3 455,294	34 625,160	10,021	9,555
71	50	73 405	3 224,570	31 169,866	9,666	9,201
72	51	71 418	3 002,164	27 945,296	9,308	8,843
73	52	69 312	2 788,165	24 943,132	8,946	8,480
74	53	67 058	2 581,353	22 154,967	8,583	8,117
75	54	64 592	2 379,359	19 573,614	8,226	7,761
76	55	61 976	2 184,663	17 194,255	7,870	7,405
77	56	59 186	1 996,482	15 009,592	7,518	7,052
78	57	56 207	1 814,331	13 013,109	7,172	6,707
79	58	53 025	1 637,923	11 198,778	6,837	6,372
80	59	49 684	1 468,635	9 560,855	6,510	6,044
81	60	46 233	1 307,763	8 092,220	6,188	5,722
82	61	42 633	1 154,023	6 784,457	5,879	5,413
83	62	38 983	1 009,783	5 630,434	5,576	5,110
84	63	35 332	875,798	4 620,651	5,276	4,810
85	64	31 648	750,699	3 744,853	4,988	4,523
86	65	28 003	635,626	2 994,153	4,711	4,245
87	66	24 425	530,533	2 358,527	4,446	3,980
88	67	20 941	435,269	1 827,994	4,200	3,734
89	68	17 672	351,511	1 392,725	3,962	3,496
90	69	14 573	277,389	1 041,214	3,754	3,288
91	70	11 881	216,404	763,825	3,530	3,064
92	71	9 396	163,782	547,421	3,342	2,877
93	72	7 269	121,239	383,638	3,164	2,699
94	73	5 483	87,508	262,399	2,999	2,533
95	74	4 026	61,492	174,891	2,844	2,379
96	75	2 873	41,987	113,399	2,701	2,235
97	76	1 988	27,806	71,412	2,568	2,103
98	77	1 332	17,833	43,606	2,445	1,980
99	78	863	11,058	25,773	2,331	1,865
100	79	540	6,614	14,715	2,225	1,759

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß   4,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	28	94 992	10 516,502	169 095,595	16,079	15,613
1							51	29	94 588	10 020,842	158 579,092	15,825	15,359
2							52	30	94 113	9 541,216	148 558,251	15,570	15,105
3							53	31	93 616	9 082,073	139 017,034	15,307	14,841
4							54	32	93 071	8 640,396	129 934,962	15,038	14,572
5							55	33	92 462	8 214,204	121 294,565	14,766	14,301
6							56	34	91 802	7 804,443	113 080,361	14,489	14,024
7							57	35	91 095	7 410,779	105 275,918	14,206	13,740
8							58	36	90 326	7 031,803	97 865,139	13,918	13,452
9							59	37	89 489	6 666,652	90 833,336	13,625	13,159
10							60	38	88 588	6 315,318	84 166,685	13,327	12,862
11							61	39	87 618	5 977,236	77 851,366	13,025	12,559
12							62	40	86 583	5 652,238	71 874,130	12,716	12,250
13							63	41	85 484	5 340,222	66 221,892	12,401	11,935
14							64	42	84 336	5 041,605	60 881,670	12,076	11,610
15							65	43	83 073	4 752,263	55 840,065	11,750	11,285
16							66	44	81 738	4 474,551	51 087,802	11,417	10,952
17							67	45	80 296	4 206,311	46 613,251	11,082	10,616
18							68	46	78 760	3 948,190	42 406,940	10,741	10,275
19							69	47	77 143	3 700,604	38 458,750	10,393	9,927
20							70	48	75 404	3 461,416	34 758,146	10,042	9,576
21							71	49	73 557	3 231,219	31 296,731	9,686	9,220
22	0	99 154	37 648,928	780 887,425	20,741	20,276	72	50	71 576	3 008,792	28 065,512	9,328	8,862
23	1	98 789	35 895,014	743 238,497	20,706	20,240	73	51	69 482	2 795,004	25 056,720	8,965	8,499
24	2	98 711	34 322,276	707 343,484	20,609	20,143	74	52	67 243	2 588,459	22 261,716	8,600	8,135
25	3	98 641	32 821,016	673 021,208	20,506	20,040	75	53	64 787	2 386,535	19 673,257	8,243	7,778
26	4	98 576	31 386,908	640 200,192	20,397	19,931	76	54	62 174	2 191,657	17 286,722	7,888	7,422
27	5	98 507	30 014,290	608 813,284	20,284	19,819	77	55	59 397	2 003,581	15 095,065	7,534	7,068
28	6	98 435	28 700,727	578 798,994	20,167	19,701	78	56	56 419	1 821,201	13 091,483	7,188	6,723
29	7	98 367	27 445,916	550 098,267	20,043	19,577	79	57	53 238	1 644,496	11 270,282	6,853	6,388
30	8	98 294	26 244,511	522 652,350	19,915	19,449	80	58	49 904	1 475,144	9 625,786	6,525	6,060
31	9	98 224	25 096,446	496 407,839	19,780	19,314	81	59	46 452	1 313,967	8 150,643	6,203	5,737
32	10	98 147	23 996,941	471 311,393	19,640	19,175	82	60	42 864	1 160,276	6 836,675	5,892	5,427
33	11	98 068	22 945,071	447 314,452	19,495	19,029	83	61	39 209	1 015,619	5 676,399	5,589	5,123
34	12	97 985	21 938,491	424 369,382	19,344	18,878	84	62	35 557	881,358	4 660,780	5,288	4,823
35	13	97 900	20 975,430	402 430,891	19,186	18,720	85	63	31 863	755,792	3 779,422	5,001	4,535
36	14	97 809	20 053,525	381 455,461	19,022	18,556	86	64	28 210	640,332	3 023,630	4,722	4,256
37	15	97 712	19 170,995	361 401,936	18,851	18,386	87	65	24 617	534,709	2 383,298	4,457	3,992
38	16	97 607	18 325,736	342 230,941	18,675	18,209	88	66	21 121	439,024	1 848,589	4,211	3,745
39	17	97 485	17 514,619	323 905,205	18,493	18,028	89	67	17 835	354,750	1 409,565	3,973	3,508
40	18	97 357	16 738,473	306 390,586	18,305	17,839	90	68	14 716	280,110	1 054,814	3,766	3,300
41	19	97 210	15 993,475	289 652,113	18,111	17,645	91	69	12 008	218,727	774,705	3,542	3,076
42	20	97 057	15 280,644	273 658,637	17,909	17,443	92	70	9 507	165,705	555,977	3,355	2,890
43	21	96 887	14 597,021	258 377,993	17,701	17,235	93	71	7 364	122,821	390,272	3,178	2,712
44	22	96 694	13 940,614	243 780,972	17,487	17,021	94	72	5 563	88,794	267,451	3,012	2,546
45	23	96 480	13 310,775	229 840,358	17,267	16,802	95	73	4 092	62,508	178,657	2,858	2,393
46	24	96 244	12 706,465	216 529,583	17,041	16,575	96	74	2 927	42,783	116,149	2,715	2,249
47	25	95 987	12 126,768	203 823,118	16,808	16,342	97	75	2 032	28,416	73,366	2,582	2,116
48	26	95 688	11 568,519	191 696,350	16,571	16,105	98	76	1 366	18,281	44,950	2,459	1,993
49	27	95 359	11 032,236	180 127,831	16,327	15,862	99	77	888	11,374	26,670	2,345	1,879
							100	78	557	6,833	15,296	2,239	1,773

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß   4,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	27	95 017	10 519,328	169 288,166	16,093	15,627
1							51	28	94 612	10 023,376	158 768,838	15,840	15,374
2							52	29	94 140	9 543,955	148 745,462	15,585	15,120
3							53	30	93 642	9 084,644	139 201,507	15,323	14,857
4							54	31	93 099	8 643,007	130 116,863	15,055	14,589
5							55	32	92 494	8 217,117	121 473,856	14,783	14,317
6							56	33	91 836	7 807,298	113 256,739	14,507	14,041
7							57	34	91 133	7 413,928	105 449,442	14,223	13,758
8							58	35	90 362	7 034,601	98 035,514	13,936	13,471
9							59	36	89 531	6 669,821	91 000,913	13,644	13,178
10							60	37	88 635	6 318,691	84 331,091	13,346	12,881
11							61	38	87 667	5 980,565	78 012,401	13,044	12,579
12							62	39	86 640	5 655,980	72 031,836	12,736	12,270
13							63	40	85 545	5 343,996	66 375,856	12,421	11,955
14							64	41	84 403	5 045,649	61 031,859	12,096	11,630
15							65	42	83 147	4 756,497	55 986,210	11,770	11,305
16							66	43	81 822	4 479,138	51 229,714	11,437	10,972
17							67	44	80 386	4 211,041	46 750,576	11,102	10,636
18							68	45	78 860	3 953,207	42 539,535	10,761	10,295
19							69	46	77 252	3 705,826	38 586,328	10,412	9,947
20							70	47	75 527	3 467,085	34 880,502	10,060	9,595
21							71	48	73 687	3 236,943	31 413,418	9,705	9,239
22							72	49	71 723	3 014,996	28 176,475	9,345	8,880
23	0	99 101	36 008,538	743 619,781	20,651	20,186	73	50	69 635	2 801,175	25 161,479	8,982	8,517
24	1	98 737	34 331,338	707 611,244	20,611	20,146	74	51	67 408	2 594,808	22 360,303	8,617	8,152
25	2	98 656	32 825,905	673 279,906	20,511	20,045	75	52	64 966	2 393,105	19 765,496	8,259	7,794
26	3	98 587	31 390,415	640 454,001	20,403	19,937	76	53	62 362	2 198,267	17 372,391	7,903	7,437
27	4	98 519	30 017,867	609 063,585	20,290	19,824	77	54	59 587	2 009,996	15 174,125	7,549	7,084
28	5	98 445	28 703,629	579 045,718	20,173	19,708	78	55	56 620	1 827,677	13 164,129	7,203	6,737
29	6	98 376	27 448,307	550 342,090	20,050	19,585	79	56	53 439	1 650,723	11 336,452	6,868	6,402
30	7	98 302	26 246,764	522 893,783	19,922	19,457	80	57	50 104	1 481,063	9 685,729	6,540	6,074
31	8	98 231	25 098,294	496 647,019	19,788	19,322	81	58	46 658	1 319,791	8 204,666	6,217	5,751
32	9	98 154	23 998,596	471 548,725	19,649	19,183	82	59	43 068	1 165,781	6 884,876	5,906	5,440
33	10	98 075	22 946,699	447 550,128	19,504	19,038	83	60	39 421	1 021,122	5 719,095	5,601	5,135
34	11	97 993	21 940,245	424 603,429	19,353	18,887	84	61	35 762	886,452	4 697,972	5,300	4,834
35	12	97 908	20 977,119	402 663,184	19,195	18,730	85	62	32 065	760,589	3 811,520	5,011	4,546
36	13	97 817	20 055,322	381 686,065	19,032	18,566	86	63	28 402	644,676	3 050,931	4,733	4,267
37	14	97 722	19 173,073	361 630,743	18,861	18,396	87	64	24 799	538,668	2 406,255	4,467	4,001
38	15	97 619	18 328,042	342 457,670	18,685	18,219	88	65	21 288	442,480	1 867,587	4,221	3,755
39	16	97 500	17 517,314	324 129,629	18,503	18,038	89	66	17 989	357,811	1 425,107	3,983	3,517
40	17	97 373	16 741,160	306 612,315	18,315	17,849	90	67	14 852	282,691	1 067,295	3,775	3,310
41	18	97 232	15 997,129	289 871,155	18,120	17,655	91	68	12 126	220,872	784,604	3,552	3,087
42	19	97 077	15 283,801	273 874,026	17,919	17,454	92	69	9 609	167,484	563,732	3,366	2,900
43	20	96 908	14 600,262	258 590,225	17,711	17,246	93	70	7 450	124,263	396,248	3,189	2,723
44	21	96 714	13 943,533	243 989,962	17,498	17,033	94	71	5 636	89,952	271,985	3,024	2,558
45	22	96 501	13 313,761	230 046,430	17,279	16,813	95	72	4 153	63,426	182,033	2,870	2,404
46	23	96 266	12 709,370	216 732,668	17,053	16,587	96	73	2 975	43,490	118,607	2,727	2,262
47	24	96 006	12 129,220	204 023,299	16,821	16,355	97	74	2 070	28,955	75,116	2,594	2,129
48	25	95 710	11 571,064	191 894,078	16,584	16,118	98	75	1 396	18,681	46,162	2,471	2,005
49	26	95 382	11 034,848	180 323,014	16,341	15,876	99	76	910	11,659	27,480	2,357	1,891
							100	77	573	7,028	15,821	2,251	1,786

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß   4,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	26	95 040	10 521,819	169 464,386	16,106	15,640
1							51	27	94 637	10 026,070	158 942,567	15,853	15,387
2							52	28	94 164	9 546,369	148 916,498	15,599	15,134
3							53	29	93 669	9 087,251	139 370,129	15,337	14,871
4							54	30	93 125	8 645,454	130 282,878	15,070	14,604
5							55	31	92 522	8 219,600	121 637,424	14,798	14,333
6							56	32	91 869	7 810,066	113 417,824	14,522	14,056
7							57	33	91 167	7 416,640	105 607,758	14,239	13,774
8							58	34	90 400	7 037,590	98 191,118	13,952	13,487
9							59	35	89 567	6 672,475	91 153,528	13,661	13,196
10							60	36	88 677	6 321,695	84 481,053	13,364	12,898
11							61	37	87 714	5 983,759	78 159,358	13,062	12,596
12							62	38	86 688	5 659,130	72 175,599	12,754	12,288
13							63	39	85 601	5 347,534	66 516,469	12,439	11,973
14							64	40	84 463	5 049,215	61 168,935	12,115	11,649
15							65	41	83 214	4 760,312	56 119,720	11,789	11,323
16							66	42	81 895	4 483,128	51 359,408	11,456	10,991
17							67	43	80 468	4 215,357	46 876,280	11,120	10,655
18							68	44	78 949	3 957,652	42 660,923	10,779	10,314
19							69	45	77 350	3 710,535	38 703,271	10,431	9,965
20							70	46	75 634	3 471,977	34 992,735	10,079	9,613
21							71	47	73 808	3 242,244	31 520,758	9,722	9,256
22							72	48	71 850	3 020,337	28 278,514	9,363	8,897
23							73	49	69 779	2 806,951	25 258,177	8,998	8,533
24	0	99 050	34 439,916	707 965,411	20,557	20,091	74	50	67 557	2 600,537	22 451,226	8,633	8,168
25	1	98 682	32 834,572	673 525,494	20,513	20,047	75	51	65 125	2 398,974	19 850,689	8,275	7,809
26	2	98 602	31 395,091	640 690,922	20,407	19,942	76	52	62 533	2 204,318	17 451,715	7,917	7,451
27	3	98 530	30 021,222	609 295,831	20,296	19,830	77	53	59 766	2 016,057	15 247,397	7,563	7,097
28	4	98 457	28 707,050	579 274,609	20,179	19,713	78	54	56 801	1 833,528	13 231,339	7,216	6,751
29	5	98 386	27 451,081	550 567,559	20,056	19,591	79	55	53 629	1 656,592	11 397,811	6,880	6,415
30	6	98 311	26 249,050	523 116,478	19,929	19,463	80	56	50 294	1 486,671	9 741,219	6,552	6,087
31	7	98 240	25 100,449	496 867,428	19,795	19,330	81	57	46 845	1 325,087	8 254,548	6,229	5,764
32	8	98 161	24 000,364	471 766,979	19,657	19,191	82	58	43 259	1 170,947	6 929,462	5,918	5,452
33	9	98 082	22 948,282	447 766,616	19,512	19,046	83	59	39 608	1 025,967	5 758,514	5,613	5,147
34	10	98 000	21 941,802	424 818,333	19,361	18,896	84	60	35 956	891,255	4 732,547	5,310	4,844
35	11	97 915	20 978,797	402 876,531	19,204	18,738	85	61	32 251	764,986	3 841,292	5,021	4,556
36	12	97 825	20 056,936	381 897,734	19,041	18,575	86	62	28 582	648,768	3 076,306	4,742	4,276
37	13	97 731	19 174,790	361 840,798	18,871	18,405	87	63	24 967	542,322	2 427,538	4,476	4,011
38	14	97 630	18 330,029	342 666,008	18,694	18,229	88	64	21 445	445,756	1 885,216	4,229	3,764
39	15	97 512	17 519,518	324 335,979	18,513	18,047	89	65	18 130	360,628	1 439,460	3,992	3,526
40	16	97 388	16 743,736	306 816,461	18,324	17,859	90	66	14 980	285,130	1 078,832	3,784	3,318
41	17	97 248	15 999,697	290 072,725	18,130	17,664	91	67	12 238	222,908	793,702	3,561	3,095
42	18	97 099	15 287,293	274 073,028	17,928	17,463	92	68	9 703	169,127	570,794	3,375	2,909
43	19	96 928	14 603,278	258 785,736	17,721	17,255	93	69	7 530	125,597	401,667	3,198	2,732
44	20	96 736	13 946,629	244 182,457	17,508	17,043	94	70	5 702	91,008	276,070	3,033	2,568
45	21	96 522	13 316,548	230 235,829	17,289	16,824	95	71	4 207	64,254	185,062	2,880	2,415
46	22	96 288	12 712,222	216 919,280	17,064	16,598	96	72	3 019	44,129	120,809	2,738	2,272
47	23	96 028	12 131,993	204 207,059	16,832	16,366	97	73	2 104	29,433	76,679	2,605	2,140
48	24	95 729	11 573,404	192 075,065	16,596	16,131	98	74	1 422	19,036	47,246	2,482	2,016
49	25	95 403	11 037,275	180 501,661	16,354	15,888	99	75	930	11,915	28,211	2,368	1,902
							100	76	588	7,204	16,296	2,262	1,796

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß   4,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	25	95 061	10 524,134	169 625,623	16,118	15,652
1							51	26	94 660	10 028,443	159 101,489	15,865	15,399
2							52	27	94 189	9 548,934	149 073,046	15,611	15,146
3							53	28	93 693	9 089,550	139 524,112	15,350	14,884
4							54	29	93 152	8 647,935	130 434,562	15,083	14,617
5							55	30	92 549	8 221,927	121 786,627	14,812	14,347
6							56	31	91 896	7 812,426	113 564,701	14,536	14,071
7							57	32	91 199	7 419,270	105 752,275	14,254	13,788
8							58	33	90 433	7 040,164	98 333,005	13,967	13,502
9							59	34	89 605	6 675,311	91 292,841	13,676	13,211
10							60	35	88 712	6 324,210	84 617,530	13,380	12,914
11							61	36	87 755	5 986,603	78 293,320	13,078	12,612
12							62	37	86 734	5 662,152	72 306,716	12,770	12,305
13							63	38	85 649	5 350,513	66 644,564	12,456	11,990
14							64	39	84 519	5 052,558	61 294,051	12,131	11,666
15							65	40	83 272	4 763,676	56 241,494	11,806	11,341
16							66	41	81 960	4 486,724	51 477,817	11,473	11,008
17							67	42	80 540	4 219,112	46 991,093	11,138	10,672
18							68	43	79 030	3 961,709	42 771,981	10,796	10,331
19							69	44	77 437	3 714,708	38 810,272	10,448	9,982
20							70	45	75 730	3 476,389	35 095,565	10,095	9,630
21							71	46	73 912	3 246,820	31 619,175	9,739	9,273
22							72	47	71 968	3 025,284	28 372,356	9,378	8,913
23							73	48	69 903	2 811,924	25 347,072	9,014	8,549
24							74	49	67 696	2 605,899	22 535,148	8,648	8,182
25	0	98 994	32 938,416	673 854,556	20,458	19,992	75	50	65 269	2 404,271	19 929,249	8,289	7,823
26	1	98 628	31 403,381	640 916,139	20,409	19,944	76	51	62 687	2 209,725	17 524,978	7,931	7,465
27	2	98 545	30 025,694	609 512,758	20,300	19,834	77	52	59 931	2 021,607	15 315,253	7,576	7,110
28	3	98 468	28 710,258	579 487,065	20,184	19,718	78	53	56 973	1 839,057	13 293,646	7,229	6,763
29	4	98 397	27 454,353	550 776,807	20,062	19,596	79	54	53 801	1 661,896	11 454,589	6,892	6,427
30	5	98 321	26 251,703	523 322,453	19,935	19,469	80	55	50 473	1 491,957	9 792,693	6,564	6,098
31	6	98 248	25 102,635	497 070,750	19,802	19,336	81	56	47 022	1 330,104	8 300,736	6,241	5,775
32	7	98 169	24 002,424	471 968,116	19,663	19,198	82	57	43 432	1 175,646	6 970,632	5,929	5,464
33	8	98 089	22 949,972	447 965,692	19,519	19,054	83	58	39 784	1 030,514	5 794,986	5,623	5,158
34	9	98 007	21 943,316	425 015,719	19,369	18,903	84	59	36 127	895,484	4 764,472	5,321	4,855
35	10	97 922	20 980,286	403 072,403	19,212	18,746	85	60	32 425	769,131	3 868,989	5,030	4,565
36	11	97 833	20 058,540	382 092,117	19,049	18,583	86	61	28 747	652,518	3 099,858	4,751	4,285
37	12	97 739	19 176,334	362 033,577	18,879	18,414	87	62	25 126	545,765	2 447,340	4,484	4,019
38	13	97 638	18 331,671	342 857,243	18,703	18,237	88	63	21 591	448,780	1 901,575	4,237	3,772
39	14	97 522	17 521,417	324 525,572	18,522	18,056	89	64	18 265	363,298	1 452,795	3,999	3,533
40	15	97 400	16 745,843	307 004,156	18,333	17,868	90	65	15 098	287,375	1 089,497	3,791	3,326
41	16	97 263	16 002,159	290 258,313	18,139	17,673	91	66	12 344	224,831	802,123	3,568	3,102
42	17	97 115	15 289,746	274 256,154	17,937	17,472	92	67	9 793	170,685	577,292	3,382	2,917
43	18	96 951	14 606,615	258 966,408	17,729	17,264	93	68	7 604	126,829	406,606	3,206	2,740
44	19	96 756	13 949,510	244 359,793	17,517	17,052	94	69	5 763	91,985	279,778	3,042	2,576
45	20	96 543	13 319,505	230 410,283	17,299	16,833	95	70	4 256	65,008	187,793	2,889	2,423
46	21	96 308	12 714,883	217 090,778	17,074	16,608	96	71	3 059	44,705	122,785	2,747	2,281
47	22	96 050	12 134,716	204 375,895	16,842	16,377	97	72	2 135	29,866	78,080	2,614	2,149
48	23	95 751	11 576,050	192 241,180	16,607	16,141	98	73	1 446	19,350	48,214	2,492	2,026
49	24	95 422	11 039,507	180 665,130	16,365	15,900	99	74	948	12,141	28,864	2,377	1,912
							100	75	601	7,362	16,723	2,271	1,806

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß   4,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	0	100 000	100 000,000	2 095 933,094	20,959	20,493	50	50	93 336	9 169,495	134 462,877	14,664	14,198
1	1	99 299	94 796,343	1 995 933,094	21,055	20,589	51	51	92 757	8 699,465	125 293,382	14,402	13,936
2	2	99 240	90 444,209	1 901 136,752	21,020	20,554	52	52	92 093	8 245,463	116 593,917	14,140	13,674
3	3	99 207	86 313,766	1 810 692,542	20,978	20,512	53	53	91 380	7 810,657	108 348,453	13,872	13,406
4	4	99 182	82 379,113	1 724 378,776	20,932	20,466	54	54	90 602	7 393,022	100 537,796	13,599	13,133
5	5	99 157	78 623,730	1 641 999,663	20,884	20,418	55	55	89 754	6 991,686	93 144,774	13,322	12,856
6	6	99 136	75 042,758	1 563 375,933	20,833	20,367	56	56	88 831	6 605,990	86 153,088	13,042	12,576
7	7	99 117	71 626,057	1 488 333,175	20,779	20,313	57	57	87 851	6 236,850	79 547,098	12,754	12,288
8	8	99 101	68 366,595	1 416 707,118	20,722	20,256	58	58	86 796	5 882,528	73 310,249	12,462	11,996
9	9	99 085	65 256,197	1 348 340,523	20,662	20,196	59	59	85 653	5 541,831	67 427,721	12,167	11,701
10	10	99 070	62 287,896	1 283 084,326	20,599	20,133	60	60	84 435	5 215,299	61 885,890	11,866	11,400
11	11	99 055	59 453,851	1 220 796,430	20,534	20,068	61	61	83 107	4 900,513	56 670,591	11,564	11,098
12	12	99 038	56 748,444	1 161 342,579	20,465	19,999	62	62	81 707	4 599,476	51 770,078	11,256	10,790
13	13	99 019	54 164,736	1 104 594,135	20,393	19,927	63	63	80 218	4 310,903	47 170,602	10,942	10,476
14	14	98 999	51 698,213	1 050 429,399	20,318	19,852	64	64	78 670	4 036,009	42 859,699	10,619	10,153
15	15	98 974	49 341,146	998 731,187	20,241	19,775	65	65	76 991	3 770,762	38 823,690	10,296	9,830
16	16	98 944	47 089,410	949 390,040	20,161	19,695	66	66	75 240	3 517,874	35 052,927	9,964	9,498
17	17	98 903	44 935,501	902 300,631	20,080	19,614	67	67	73 362	3 274,548	31 535,054	9,630	9,164
18	18	98 853	42 876,438	857 365,130	19,996	19,530	68	68	71 392	3 042,128	28 260,505	9,290	8,824
19	19	98 783	40 903,108	814 488,692	19,913	19,447	69	69	69 345	2 820,908	25 218,377	8,940	8,474
20	20	98 714	39 021,169	773 585,584	19,825	19,359	70	70	67 172	2 608,588	22 397,469	8,586	8,120
21	21	98 639	37 223,411	734 564,415	19,734	19,268	71	71	64 881	2 405,358	19 788,881	8,227	7,761
22	22	98 566	35 508,839	697 341,004	19,639	19,173	72	72	62 449	2 210,210	17 383,523	7,865	7,399
23	23	98 491	33 873,040	661 832,165	19,539	19,073	73	73	59 876	2 023,067	15 173,313	7,500	7,034
24	24	98 417	32 312,737	627 959,126	19,434	18,968	74	74	57 144	1 843,211	13 150,246	7,134	6,668
25	25	98 342	30 823,989	595 646,388	19,324	18,858	75	75	54 182	1 668,401	11 307,035	6,777	6,311
26	26	98 266	29 403,606	564 822,399	19,209	18,743	76	76	51 034	1 500,220	9 638,634	6,425	5,959
27	27	98 186	28 047,319	535 418,793	19,090	18,624	77	77	47 712	1 338,968	8 138,414	6,078	5,612
28	28	98 098	26 751,348	507 371,473	18,966	18,500	78	78	44 221	1 184,717	6 799,446	5,739	5,273
29	29	98 014	25 516,479	480 620,126	18,836	18,370	79	79	40 542	1 036,902	5 614,730	5,415	4,949
30	30	97 921	24 336,404	455 103,647	18,701	18,235	80	80	36 771	897,800	4 577,828	5,099	4,633
31	31	97 831	23 211,406	430 767,243	18,558	18,092	81	81	32 943	767,865	3 680,027	4,793	4,327
32	32	97 732	22 136,356	407 555,837	18,411	17,945	82	82	29 089	647,296	2 912,163	4,499	4,033
33	33	97 625	21 109,540	385 419,481	18,258	17,792	83	83	25 277	536,967	2 264,867	4,218	3,752
34	34	97 515	20 129,560	364 309,941	18,098	17,632	84	84	21 610	438,235	1 727,900	3,943	3,477
35	35	97 396	19 193,365	344 180,381	17,932	17,466	85	85	18 078	350,000	1 289,665	3,685	3,219
36	36	97 276	18 300,348	324 987,017	17,759	17,293	86	86	14 781	273,184	939,666	3,440	2,974
37	37	97 144	17 446,816	306 686,669	17,578	17,112	87	87	11 769	207,661	666,482	3,209	2,743
38	38	97 000	16 630,987	289 239,853	17,392	16,926	88	88	9 075	152,867	458,821	3,001	2,535
39	39	96 839	15 850,556	272 608,866	17,199	16,733	89	89	6 784	109,093	305,954	2,805	2,339
40	40	96 664	15 104,426	256 758,310	16,999	16,533	90	90	4 850	74,452	196,861	2,644	2,178
41	41	96 472	14 390,831	241 653,885	16,792	16,326	91	91	3 378	49,501	122,409	2,473	2,007
42	42	96 263	13 708,453	227 263,054	16,578	16,112	92	92	2 223	31,095	72,908	2,345	1,879
43	43	96 030	13 055,183	213 554,601	16,358	15,892	93	93	1 412	18,861	41,813	2,217	1,751
44	44	95 760	12 428,218	200 499,418	16,133	15,667	94	94	857	10,924	22,953	2,101	1,635
45	45	95 463	11 827,744	188 071,200	15,901	15,435	95	95	495	6,026	12,028	1,996	1,530
46	46	95 130	11 252,093	176 243,456	15,663	15,197	96	96	272	3,158	6,002	1,901	1,435
47	47	94 761	10 700,186	164 991,363	15,419	14,953	97	97	141	1,568	2,844	1,814	1,348
48	48	94 333	10 168,832	154 291,177	15,173	14,707	98	98	69	0,735	1,277	1,736	1,270
49	49	93 864	9 659,468	144 122,345	14,920	14,454	99	99	32	0,325	0,541	1,665	1,199
							100	100	14	0,135	0,216	1,601	1,135

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß   4,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$
0	1	99 685	99 684,731	2 093 962,399	21,006	20,540	50	51	93 130	9 149,294	133 264,081	14,566	14,099
1	2	99 273	94 771,320	1 994 277,668	21,043	20,577	51	52	92 530	8 678,180	124 114,787	14,302	13,836
2	3	99 226	90 430,739	1 899 506,348	21,005	20,539	52	53	91 840	8 222,827	115 436,607	14,039	13,573
3	4	99 196	86 304,122	1 809 075,609	20,962	20,496	53	54	91 105	7 787,174	107 213,780	13,768	13,302
4	5	99 170	82 369,295	1 722 771,487	20,915	20,449	54	55	90 313	7 369,429	99 426,607	13,492	13,026
5	6	99 147	78 615,783	1 640 402,192	20,866	20,400	55	56	89 436	6 966,913	92 057,177	13,213	12,747
6	7	99 128	75 036,223	1 561 786,409	20,814	20,348	56	57	88 496	6 581,071	85 090,264	12,930	12,464
7	8	99 109	71 619,910	1 486 750,186	20,759	20,293	57	58	87 500	6 211,924	78 509,193	12,638	12,172
8	9	99 093	68 361,560	1 415 130,277	20,701	20,235	58	59	86 413	5 856,572	72 297,270	12,345	11,879
9	10	99 078	65 251,695	1 346 768,716	20,640	20,174	59	60	85 248	5 515,662	66 440,698	12,046	11,580
10	11	99 063	62 283,475	1 281 517,021	20,576	20,110	60	61	83 980	5 187,192	60 925,035	11,745	11,279
11	12	99 047	59 449,097	1 219 233,546	20,509	20,043	61	62	82 629	4 872,352	55 737,843	11,440	10,974
12	13	99 030	56 743,876	1 159 784,449	20,439	19,973	62	63	81 191	4 570,464	50 865,491	11,129	10,663
13	14	99 010	54 159,884	1 103 040,574	20,366	19,900	63	64	79 678	4 281,857	46 295,027	10,812	10,346
14	15	98 989	51 692,609	1 048 880,690	20,291	19,825	64	65	78 092	4 006,347	42 013,171	10,487	10,021
15	16	98 961	49 334,940	997 188,080	20,213	19,747	65	66	76 390	3 741,313	38 006,824	10,159	9,693
16	17	98 928	47 082,164	947 853,141	20,132	19,666	66	67	74 596	3 487,781	34 265,511	9,824	9,358
17	18	98 887	44 928,290	900 770,977	20,049	19,583	67	68	72 692	3 244,644	30 777,730	9,486	9,020
18	19	98 831	42 866,644	855 842,687	19,965	19,499	68	69	70 699	3 012,587	27 533,086	9,139	8,673
19	20	98 763	40 894,660	812 976,043	19,880	19,414	69	70	68 609	2 790,946	24 520,498	8,786	8,320
20	21	98 693	39 012,507	772 081,383	19,791	19,325	70	71	66 392	2 578,316	21 729,553	8,428	7,962
21	22	98 619	37 215,620	733 068,876	19,698	19,232	71	72	64 045	2 374,384	19 151,237	8,066	7,600
22	23	98 543	35 500,873	695 853,256	19,601	19,135	72	73	61 545	2 178,211	16 776,853	7,702	7,236
23	24	98 469	33 865,297	660 352,382	19,499	19,033	73	74	58 903	1 990,170	14 598,642	7,335	6,869
24	25	98 397	32 306,206	626 487,085	19,392	18,926	74	75	56 081	1 808,914	12 608,472	6,970	6,504
25	26	98 321	30 817,208	594 180,880	19,281	18,815	75	76	53 019	1 632,601	10 799,559	6,615	6,149
26	27	98 243	29 396,648	563 363,671	19,164	18,698	76	77	49 784	1 463,475	9 166,958	6,264	5,798
27	28	98 160	28 039,785	533 967,024	19,043	18,577	77	78	46 390	1 301,846	7 703,483	5,917	5,451
28	29	98 073	26 744,583	505 927,239	18,917	18,451	78	79	42 803	1 146,725	6 401,636	5,583	5,117
29	30	97 986	25 509,158	479 182,656	18,785	18,319	79	80	39 070	999,256	5 254,912	5,259	4,793
30	31	97 894	24 329,516	453 673,499	18,647	18,181	80	81	35 235	860,303	4 255,655	4,947	4,481
31	32	97 801	23 204,395	429 343,983	18,503	18,037	81	82	31 375	731,322	3 395,352	4,643	4,177
32	33	97 697	22 128,510	406 139,587	18,354	17,888	82	83	27 485	611,601	2 664,031	4,356	3,890
33	34	97 589	21 101,821	384 011,078	18,198	17,732	83	84	23 692	503,293	2 052,429	4,078	3,612
34	35	97 474	20 121,009	362 909,256	18,036	17,570	84	85	20 047	406,544	1 549,137	3,811	3,344
35	36	97 358	19 185,730	342 788,247	17,867	17,401	85	86	16 582	321,035	1 142,593	3,559	3,093
36	37	97 230	18 291,651	323 602,517	17,691	17,225	86	87	13 388	247,444	821,558	3,320	2,854
37	38	97 092	17 437,504	305 310,865	17,509	17,043	87	88	10 495	185,173	574,114	3,100	2,634
38	39	96 946	16 621,728	287 873,361	17,319	16,853	88	89	7 966	134,174	388,941	2,899	2,433
39	40	96 775	15 840,070	271 251,633	17,124	16,658	89	90	5 824	93,654	254,768	2,720	2,254
40	41	96 596	15 093,759	255 411,563	16,922	16,456	90	91	4 099	62,927	161,113	2,560	2,094
41	42	96 395	14 379,297	240 317,804	16,713	16,247	91	92	2 778	40,705	98,186	2,412	1,946
42	43	96 177	13 696,251	225 938,507	16,496	16,030	92	93	1 802	25,211	57,480	2,280	1,814
43	44	95 932	13 041,815	212 242,256	16,274	15,808	93	94	1 119	14,952	32,270	2,158	1,692
44	45	95 653	12 414,259	199 200,441	16,046	15,580	94	95	663	8,457	17,318	2,048	1,582
45	46	95 341	11 812,732	186 786,182	15,812	15,346	95	96	374	4,549	8,861	1,948	1,482
46	47	94 996	11 236,237	174 973,450	15,572	15,106	96	97	200	2,322	4,312	1,857	1,391
47	48	94 606	10 682,690	163 737,212	15,327	14,861	97	98	101	1,121	1,990	1,775	1,309
48	49	94 166	10 150,850	153 054,523	15,078	14,612	98	99	48	0,511	0,869	1,700	1,234
49	50	93 671	9 639,592	142 903,673	14,825	14,359	99	100	22	0,219	0,358	1,633	1,167

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß   4,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$
0	2	99 658	99 658,418	2 092 169,738	20,993	20,527	50	52	92 902	9 126,908	131 971,548	14,460	13,994
1	3	99 258	94 757,204	1 992 511,320	21,028	20,562	51	53	92 276	8 654,355	122 844,640	14,195	13,729
2	4	99 215	90 420,634	1 897 754,116	20,988	20,522	52	54	91 564	8 198,104	114 190,285	13,929	13,463
3	5	99 184	86 293,836	1 807 333,481	20,944	20,478	53	55	90 815	7 762,323	105 992,181	13,655	13,189
4	6	99 160	82 360,970	1 721 039,645	20,896	20,430	54	56	89 993	7 343,318	98 229,858	13,377	12,911
5	7	99 138	78 608,936	1 638 678,675	20,846	20,380	55	57	89 099	6 940,633	90 886,540	13,095	12,629
6	8	99 119	75 029,783	1 560 069,739	20,793	20,327	56	58	88 142	6 554,769	83 945,907	12,807	12,341
7	9	99 101	71 614,635	1 485 039,956	20,737	20,271	57	59	87 113	6 184,515	77 391,138	12,514	12,048
8	10	99 086	68 356,845	1 413 425,321	20,677	20,211	58	60	86 005	5 828,917	71 206,624	12,216	11,750
9	11	99 071	65 247,064	1 345 068,477	20,615	20,149	59	61	84 789	5 485,936	65 377,706	11,917	11,451
10	12	99 055	62 278,494	1 279 821,412	20,550	20,084	60	62	83 497	5 157,383	59 891,770	11,613	11,147
11	13	99 039	59 444,311	1 217 542,918	20,482	20,016	61	63	82 108	4 841,618	54 734,387	11,305	10,839
12	14	99 021	56 738,793	1 158 098,607	20,411	19,945	62	64	80 644	4 539,669	49 892,768	10,990	10,524
13	15	99 000	54 154,014	1 101 359,814	20,338	19,872	63	65	79 092	4 250,388	45 353,099	10,670	10,204
14	16	98 976	51 686,107	1 047 205,800	20,261	19,795	64	66	77 482	3 975,058	41 102,712	10,340	9,874
15	17	98 946	49 327,348	995 519,693	20,182	19,716	65	67	75 736	3 709,309	37 127,654	10,009	9,543
16	18	98 913	47 074,609	946 192,345	20,100	19,634	66	68	73 915	3 455,930	33 418,345	9,670	9,204
17	19	98 864	44 918,028	899 117,736	20,017	19,551	67	69	71 986	3 213,137	29 962,416	9,325	8,859
18	20	98 810	42 857,791	854 199,709	19,931	19,465	68	70	69 948	2 980,589	26 749,279	8,974	8,508
19	21	98 741	40 885,581	811 341,918	19,844	19,378	69	71	67 813	2 758,557	23 768,690	8,616	8,150
20	22	98 672	39 004,342	770 456,337	19,753	19,287	70	72	65 537	2 545,114	21 010,133	8,255	7,789
21	23	98 597	37 207,272	731 451,994	19,659	19,193	71	73	63 118	2 340,008	18 465,018	7,891	7,425
22	24	98 521	35 492,758	694 244,723	19,560	19,094	72	74	60 544	2 142,791	16 125,010	7,525	7,059
23	25	98 449	33 858,451	658 751,964	19,456	18,990	73	75	57 807	1 953,138	13 982,219	7,159	6,693
24	26	98 376	32 299,099	624 893,513	19,347	18,881	74	76	54 878	1 770,098	12 029,082	6,796	6,330
25	27	98 297	30 809,915	592 594,414	19,234	18,768	75	77	51 721	1 592,614	10 258,984	6,442	5,976
26	28	98 217	29 388,750	561 784,499	19,116	18,650	76	78	48 404	1 422,902	8 666,370	6,091	5,625
27	29	98 135	28 032,694	532 395,749	18,992	18,526	77	79	44 902	1 260,099	7 243,468	5,748	5,282
28	30	98 045	26 736,909	504 363,054	18,864	18,398	78	80	41 249	1 105,092	5 983,369	5,414	4,948
29	31	97 958	25 501,938	477 626,145	18,729	18,263	79	81	37 438	957,522	4 878,277	5,095	4,629
30	32	97 864	24 322,168	452 124,207	18,589	18,123	80	82	33 558	819,361	3 920,756	4,785	4,319
31	33	97 767	23 196,170	427 802,040	18,443	17,977	81	83	29 645	690,993	3 101,395	4,488	4,022
32	34	97 661	22 120,419	404 605,869	18,291	17,825	82	84	25 762	573,247	2 410,401	4,205	3,739
33	35	97 548	21 092,858	382 485,451	18,133	17,667	83	85	21 979	466,897	1 837,154	3,935	3,469
34	36	97 435	20 113,006	361 392,593	17,968	17,502	84	86	18 388	372,900	1 370,258	3,675	3,209
35	37	97 311	19 176,613	341 279,587	17,797	17,331	85	87	15 020	290,787	997,357	3,430	2,964
36	38	97 178	18 281,890	322 102,974	17,619	17,153	86	88	11 938	220,647	706,571	3,202	2,736
37	39	97 038	17 427,797	303 821,084	17,433	16,967	87	89	9 211	162,529	485,923	2,990	2,524
38	40	96 882	16 610,732	286 393,288	17,241	16,775	88	90	6 838	115,186	323,395	2,808	2,342
39	41	96 707	15 828,884	269 782,556	17,044	16,578	89	91	4 923	79,157	208,209	2,630	2,164
40	42	96 518	15 081,661	253 953,672	16,839	16,373	90	92	3 371	51,746	129,052	2,494	2,028
41	43	96 309	14 366,498	238 872,011	16,627	16,161	91	93	2 252	33,003	77,306	2,342	1,876
42	44	96 078	13 682,227	224 505,513	16,409	15,943	92	94	1 429	19,986	44,303	2,217	1,751
43	45	95 824	13 027,167	210 823,287	16,183	15,717	93	95	867	11,574	24,317	2,101	1,635
44	46	95 532	12 398,503	197 796,120	15,953	15,487	94	96	501	6,384	12,743	1,996	1,530
45	47	95 207	11 796,087	185 397,617	15,717	15,251	95	97	275	3,345	6,359	1,901	1,435
46	48	94 841	11 217,865	173 601,530	15,475	15,009	96	98	143	1,661	3,013	1,815	1,348
47	49	94 439	10 663,798	162 383,665	15,228	14,762	97	99	70	0,779	1,353	1,736	1,270
48	50	93 973	10 129,963	151 719,867	14,977	14,511	98	100	33	0,344	0,574	1,665	1,199
49	51	93 465	9 618,356	141 589,905	14,721	14,255							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß   4,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	3	99 644	99 643,575	2 090 258,679	20,977	20,511	50	53	92 647	9 101,851	130 580,916	14,347	13,881
1	4	99 247	94 746,617	1 990 615,104	21,010	20,544	51	54	91 999	8 628,335	121 479,065	14,079	13,613
2	5	99 203	90 409,858	1 895 868,487	20,970	20,504	52	55	91 271	8 171,942	112 850,730	13,810	13,344
3	6	99 174	86 285,114	1 805 458,629	20,924	20,458	53	56	90 493	7 734,820	104 678,788	13,533	13,067
4	7	99 152	82 353,797	1 719 173,515	20,875	20,409	54	57	89 654	7 315,618	96 943,968	13,252	12,786
5	8	99 130	78 602,189	1 636 819,718	20,824	20,358	55	58	88 742	6 912,894	89 628,350	12,965	12,499
6	9	99 112	75 024,257	1 558 217,528	20,770	20,304	56	59	87 753	6 525,847	82 715,456	12,675	12,209
7	10	99 095	71 609,695	1 483 193,271	20,712	20,246	57	60	86 702	6 155,311	76 189,609	12,378	11,912
8	11	99 079	68 351,993	1 411 583,576	20,652	20,186	58	61	85 541	5 797,503	70 034,298	12,080	11,614
9	12	99 063	65 241,847	1 343 231,583	20,588	20,122	59	62	84 302	5 454,410	64 236,794	11,777	11,311
10	13	99 047	62 273,481	1 277 989,736	20,522	20,056	60	63	82 970	5 124,852	58 782,384	11,470	11,004
11	14	99 030	59 438,986	1 215 716,255	20,453	19,987	61	64	81 555	4 808,996	53 657,532	11,158	10,692
12	15	99 011	56 732,643	1 156 277,269	20,381	19,915	62	65	80 052	4 506,305	48 848,536	10,840	10,374
13	16	98 987	54 147,202	1 099 544,626	20,307	19,841	63	66	78 474	4 217,193	44 342,231	10,515	10,049
14	17	98 961	51 678,154	1 045 397,424	20,229	19,763	64	67	76 819	3 941,054	40 125,038	10,181	9,715
15	18	98 930	49 319,433	993 719,271	20,149	19,683	65	68	75 045	3 675,434	36 183,984	9,845	9,379
16	19	98 890	47 063,856	944 399,838	20,066	19,600	66	69	73 197	3 422,370	32 508,550	9,499	9,033
17	20	98 844	44 908,750	897 335,982	19,981	19,515	67	70	71 222	3 179,008	29 086,179	9,149	8,683
18	21	98 788	42 848,277	852 427,231	19,894	19,428	68	71	69 136	2 946,000	25 907,171	8,794	8,328
19	22	98 720	40 877,024	809 578,955	19,805	19,339	69	72	66 939	2 723,035	22 961,171	8,432	7,966
20	23	98 650	38 995,592	768 701,930	19,713	19,247	70	73	64 589	2 508,267	20 238,136	8,069	7,603
21	24	98 574	37 198,767	729 706,338	19,616	19,150	71	74	62 092	2 301,957	17 729,869	7,702	7,236
22	25	98 501	35 485,584	692 507,571	19,515	19,049	72	75	59 417	2 102,919	15 427,912	7,336	6,870
23	26	98 427	33 851,003	657 021,987	19,409	18,943	73	76	56 566	1 911,227	13 324,994	6,972	6,506
24	27	98 352	32 291,455	623 170,984	19,298	18,832	74	77	53 534	1 726,743	11 413,766	6,610	6,144
25	28	98 271	30 801,638	590 879,529	19,183	18,717	75	78	50 287	1 548,461	9 687,023	6,256	5,790
26	29	98 192	29 381,319	560 077,891	19,062	18,596	76	79	46 852	1 377,272	8 138,562	5,909	5,443
27	30	98 107	28 024,651	530 696,572	18,937	18,471	77	80	43 272	1 214,350	6 761,290	5,568	5,102
28	31	98 017	26 729,342	502 671,921	18,806	18,340	78	81	39 526	1 058,937	5 546,941	5,238	4,772
29	32	97 928	25 494,236	475 942,579	18,669	18,203	79	82	35 657	911,953	4 488,004	4,921	4,455
30	33	97 829	24 313,546	450 448,344	18,527	18,061	80	83	31 708	774,178	3 576,051	4,619	4,153
31	34	97 731	23 187,689	426 134,797	18,378	17,912	81	84	27 786	647,660	2 801,873	4,326	3,860
32	35	97 620	22 111,022	402 947,109	18,224	17,758	82	85	23 899	531,792	2 154,213	4,051	3,585
33	36	97 509	21 084,468	380 836,086	18,062	17,596	83	86	20 160	428,259	1 622,420	3,788	3,322
34	37	97 388	20 103,448	359 751,618	17,895	17,429	84	87	16 655	337,765	1 194,162	3,535	3,069
35	38	97 259	19 166,379	339 648,170	17,721	17,255	85	88	13 393	259,297	856,397	3,303	2,837
36	39	97 124	18 271,712	320 481,791	17,540	17,074	86	89	10 478	193,665	597,100	3,083	2,617
37	40	96 974	17 416,267	302 210,080	17,352	16,886	87	90	7 908	139,528	403,435	2,891	2,425
38	41	96 813	16 599,001	284 793,812	17,157	16,691	88	91	5 780	97,356	263,907	2,711	2,245
39	42	96 629	15 816,197	268 194,811	16,957	16,491	89	92	4 048	65,092	166,552	2,559	2,093
40	43	96 433	15 068,237	252 378,615	16,749	16,283	90	93	2 733	41,954	101,460	2,418	1,952
41	44	96 210	14 351,788	237 310,378	16,535	16,069	91	94	1 785	26,163	59,505	2,274	1,808
42	45	95 971	13 666,859	222 958,590	16,314	15,848	92	95	1 106	15,471	33,342	2,155	1,689
43	46	95 702	13 010,632	209 291,731	16,086	15,620	93	96	654	8,738	17,871	2,045	1,579
44	47	95 397	12 381,032	196 281,098	15,853	15,387	94	97	368	4,694	9,133	1,946	1,480
45	48	95 051	11 776,799	183 900,066	15,615	15,149	95	98	197	2,393	4,439	1,855	1,389
46	49	94 673	11 198,027	172 123,267	15,371	14,905	96	99	99	1,154	2,046	1,773	1,307
47	50	94 245	10 641,856	160 925,241	15,122	14,656	97	100	47	0,525	0,892	1,699	1,233
48	51	93 766	10 107,646	150 283,385	14,868	14,402							
49	52	93 236	9 594,822	140 175,739	14,610	14,144							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß   4,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	4	99 632	99 632,441	2 088 209,605	20,959	20,493	50	54	92 368	9 074,486	129 088,393	14,225	13,759
1	5	99 235	94 735,325	1 988 577,163	20,991	20,525	51	55	91 705	8 600,800	120 013,907	13,954	13,488
2	6	99 193	90 400,720	1 893 841,838	20,949	20,483	52	56	90 948	8 142,988	111 413,106	13,682	13,216
3	7	99 165	86 277,600	1 803 441,118	20,903	20,437	53	57	90 151	7 705,643	103 270,119	13,402	12,936
4	8	99 143	82 346,729	1 717 163,519	20,853	20,387	54	58	89 295	7 286,380	95 564,476	13,115	12,649
5	9	99 123	78 596,401	1 634 816,790	20,800	20,334	55	59	88 351	6 882,392	88 278,096	12,827	12,361
6	10	99 105	75 019,082	1 556 220,389	20,744	20,278	56	60	87 339	6 495,032	81 395,704	12,532	12,066
7	11	99 088	71 604,613	1 481 201,308	20,686	20,220	57	61	86 235	6 122,138	74 900,672	12,234	11,768
8	12	99 071	68 346,527	1 409 596,695	20,624	20,158	58	62	85 050	5 764,187	68 778,533	11,932	11,466
9	13	99 055	65 236,595	1 341 250,168	20,560	20,094	59	63	83 770	5 420,006	63 014,347	11,626	11,160
10	14	99 039	62 267,903	1 276 013,573	20,492	20,026	60	64	82 411	5 090,322	57 594,341	11,314	10,848
11	15	99 019	59 432,544	1 213 745,670	20,422	19,956	61	65	80 956	4 773,653	52 504,019	10,999	10,533
12	16	98 998	56 725,506	1 154 313,126	20,349	19,883	62	66	79 427	4 471,111	47 730,366	10,675	10,209
13	17	98 972	54 138,870	1 097 587,620	20,274	19,808	63	67	77 803	4 181,118	43 259,255	10,346	9,880
14	18	98 945	51 669,861	1 043 448,750	20,195	19,729	64	68	76 118	3 905,063	39 078,137	10,007	9,541
15	19	98 908	49 308,168	991 778,889	20,114	19,648	65	69	74 316	3 639,743	35 173,074	9,664	9,198
16	20	98 869	47 054,136	942 470,721	20,029	19,563	66	70	72 420	3 386,020	31 533,331	9,313	8,847
17	21	98 822	44 898,781	895 416,585	19,943	19,477	67	71	70 395	3 142,117	28 147,311	8,958	8,492
18	22	98 768	42 839,309	850 517,805	19,854	19,388	68	72	68 246	2 908,064	25 005,195	8,599	8,133
19	23	98 698	40 867,854	807 678,495	19,763	19,297	69	73	65 970	2 683,612	22 097,130	8,234	7,768
20	24	98 627	38 986,679	766 810,641	19,669	19,203	70	74	63 538	2 467,480	19 413,519	7,868	7,402
21	25	98 554	37 191,248	727 823,962	19,570	19,104	71	75	60 936	2 259,123	16 946,039	7,501	7,035
22	26	98 479	35 477,778	690 632,715	19,467	19,001	72	76	58 142	2 057,794	14 686,916	7,137	6,671
23	27	98 404	33 842,992	655 154,937	19,359	18,893	73	77	55 181	1 864,416	12 629,122	6,774	6,308
24	28	98 326	32 282,780	621 311,945	19,246	18,780	74	78	52 049	1 678,822	10 764,706	6,412	5,946
25	29	98 246	30 793,849	589 029,165	19,128	18,662	75	79	48 674	1 498,804	9 085,834	6,062	5,596
26	30	98 164	29 372,889	558 235,316	19,005	18,539	76	80	45 151	1 327,269	7 587,030	5,716	5,250
27	31	98 079	28 016,719	528 862,427	18,877	18,411	77	81	41 464	1 163,631	6 259,761	5,380	4,913
28	32	97 987	26 721,269	500 845,708	18,743	18,277	78	82	37 645	1 008,542	5 096,130	5,053	4,587
29	33	97 894	25 485,199	474 124,439	18,604	18,138	79	83	33 690	861,664	4 087,588	4,744	4,278
30	34	97 794	24 304,656	448 639,241	18,459	17,993	80	84	29 719	725,628	3 225,924	4,446	3,980
31	35	97 690	23 177,839	424 334,584	18,308	17,842	81	85	25 776	600,824	2 500,296	4,161	3,695
32	36	97 581	22 102,228	401 156,745	18,150	17,684	82	86	21 921	487,784	1 899,472	3,894	3,428
33	37	97 463	21 074,448	379 054,517	17,986	17,520	83	87	18 260	387,907	1 411,688	3,639	3,173
34	38	97 337	20 092,719	357 980,069	17,816	17,350	84	88	14 852	301,188	1 023,781	3,399	2,933
35	39	97 205	19 155,709	337 887,350	17,639	17,173	85	89	11 756	227,588	722,593	3,175	2,709
36	40	97 059	18 259,624	318 731,641	17,456	16,990	86	90	8 996	166,258	495,005	2,977	2,511
37	41	96 905	17 403,968	300 472,017	17,265	16,799	87	91	6 684	117,930	328,747	2,788	2,322
38	42	96 736	16 585,697	283 068,050	17,067	16,601	88	92	4 753	80,057	210,817	2,633	2,167
39	43	96 543	15 802,119	266 482,353	16,864	16,398	89	93	3 282	52,775	130,760	2,478	2,012
40	44	96 334	15 052,808	250 680,234	16,653	16,187	90	94	2 167	33,259	77,986	2,345	1,879
41	45	96 102	14 335,668	235 627,426	16,436	15,970	91	95	1 382	20,253	44,726	2,208	1,742
42	46	95 849	13 649,513	221 291,758	16,212	15,746	92	96	835	11,680	24,473	2,095	1,629
43	47	95 567	12 992,299	207 642,244	15,982	15,516	93	97	481	6,425	12,793	1,991	1,525
44	48	95 241	12 360,788	194 649,945	15,747	15,281	94	98	263	3,358	6,368	1,897	1,431
45	49	94 883	11 755,972	182 289,158	15,506	15,040	95	99	137	1,662	3,011	1,811	1,345
46	50	94 478	11 174,985	170 533,186	15,260	14,794	96	100	67	0,778	1,348	1,733	1,267
47	51	94 037	10 618,412	159 358,200	15,008	14,542							
48	52	93 536	10 082,915	148 739,789	14,752	14,286							
49	53	92 980	9 568,481	138 656,874	14,491	14,025							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß   4,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	5	99 621	99 620,567	2 086 010,358	20,940	20,474	50	55	92 074	9 045,527	127 489,909	14,094	13,628
1	6	99 225	94 725,750	1 986 389,791	20,970	20,504	51	56	91 380	8 570,326	118 444,381	13,820	13,354
2	7	99 184	90 392,847	1 891 664,041	20,927	20,461	52	57	90 605	8 112,271	109 874,055	13,544	13,078
3	8	99 157	86 270,195	1 801 271,194	20,879	20,413	53	58	89 791	7 674,846	101 761,784	13,259	12,793
4	9	99 136	82 340,664	1 715 000,999	20,828	20,362	54	59	88 901	7 254,231	94 086,938	12,970	12,504
5	10	99 116	78 590,979	1 632 660,335	20,774	20,308	55	60	87 934	6 849,893	86 832,707	12,677	12,210
6	11	99 098	75 013,758	1 554 069,356	20,717	20,251	56	61	86 868	6 460,028	79 982,814	12,381	11,915
7	12	99 080	71 598,887	1 479 055,599	20,658	20,192	57	62	85 739	6 086,956	73 522,786	12,079	11,613
8	13	99 064	68 341,026	1 407 456,712	20,595	20,129	58	63	84 513	5 727,828	67 435,830	11,773	11,307
9	14	99 046	65 230,751	1 339 115,687	20,529	20,063	59	64	83 205	5 383,487	61 708,002	11,462	10,996
10	15	99 028	62 261,154	1 273 884,936	20,460	19,994	60	65	81 806	5 052,911	56 324,515	11,147	10,681
11	16	99 007	59 425,068	1 211 623,782	20,389	19,923	61	66	80 323	4 736,371	51 271,604	10,825	10,359
12	17	98 983	56 716,778	1 152 198,714	20,315	19,849	62	67	78 747	4 432,864	46 535,233	10,498	10,032
13	18	98 956	54 130,182	1 095 481,936	20,238	19,772	63	68	77 092	4 142,934	42 102,369	10,162	9,696
14	19	98 922	51 658,059	1 041 351,754	20,159	19,693	64	69	75 379	3 867,142	37 959,434	9,816	9,350
15	20	98 887	49 297,983	989 693,695	20,076	19,610	65	70	73 527	3 601,084	34 092,292	9,467	9,001
16	21	98 848	47 043,690	940 395,711	19,990	19,524	66	71	71 579	3 346,726	30 491,208	9,111	8,645
17	22	98 801	44 889,384	893 352,021	19,901	19,435	67	72	69 489	3 101,655	27 144,482	8,752	8,286
18	23	98 746	42 829,699	848 462,637	19,810	19,344	68	73	67 258	2 865,962	24 042,827	8,389	7,923
19	24	98 675	40 858,513	805 632,938	19,718	19,252	69	74	64 897	2 639,973	21 176,865	8,022	7,556
20	25	98 607	38 978,798	764 774,425	19,620	19,154	70	75	62 356	2 421,566	18 536,892	7,655	7,189
21	26	98 533	37 183,066	725 795,627	19,520	19,054	71	76	59 629	2 210,647	16 115,326	7,290	6,824
22	27	98 456	35 469,382	688 612,561	19,414	18,948	72	77	56 718	2 007,393	13 904,680	6,927	6,461
23	28	98 377	33 833,900	653 143,179	19,304	18,838	73	78	53 651	1 812,727	11 897,286	6,563	6,097
24	29	98 301	32 274,617	619 309,280	19,189	18,723	74	79	50 380	1 625,033	10 084,559	6,206	5,740
25	30	98 218	30 785,014	587 034,663	19,069	18,603	75	80	46 907	1 444,389	8 459,526	5,857	5,391
26	31	98 136	29 364,575	556 249,649	18,943	18,477	76	81	43 265	1 271,835	7 015,137	5,516	5,050
27	32	98 049	28 008,257	526 885,074	18,812	18,346	77	82	39 491	1 108,254	5 743,302	5,182	4,716
28	33	97 953	26 711,797	498 876,817	18,676	18,210	78	83	35 569	952,927	4 635,048	4,864	4,398
29	34	97 858	25 475,880	472 165,020	18,534	18,068	79	84	31 578	807,628	3 682,122	4,559	4,093
30	35	97 752	24 294,332	446 689,140	18,387	17,921	80	85	27 570	673,154	2 874,494	4,270	3,804
31	36	97 651	23 168,620	422 394,807	18,231	17,765	81	86	23 643	551,103	2 201,340	3,994	3,528
32	37	97 535	22 091,724	399 226,187	18,071	17,605	82	87	19 855	441,824	1 650,237	3,735	3,269
33	38	97 411	21 063,201	377 134,463	17,905	17,439	83	88	16 283	345,900	1 208,414	3,494	3,028
34	39	97 282	20 081,533	356 071,261	17,731	17,265	84	89	13 036	264,356	862,514	3,263	2,797
35	40	97 141	19 143,036	335 989,728	17,552	17,086	85	90	10 092	195,381	598,158	3,061	2,595
36	41	96 991	18 246,729	316 846,692	17,365	16,899	86	91	7 603	140,522	402,777	2,866	2,400
37	42	96 828	17 390,018	298 599,963	17,171	16,705	87	92	5 496	96,975	262,255	2,704	2,238
38	43	96 650	16 570,934	281 209,945	16,970	16,504	88	93	3 853	64,908	165,280	2,546	2,080
39	44	96 445	15 785,939	264 639,011	16,764	16,298	89	94	2 602	41,837	100,372	2,399	1,933
40	45	96 226	15 035,901	248 853,072	16,551	16,085	90	95	1 677	25,747	58,535	2,273	1,807
41	46	95 980	14 317,473	233 817,171	16,331	15,865	91	96	1 043	15,290	32,788	2,144	1,678
42	47	95 714	13 630,279	219 499,698	16,104	15,638	92	97	614	8,588	17,498	2,037	1,571
43	48	95 411	12 971,055	205 869,419	15,871	15,405	93	98	344	4,595	8,910	1,939	1,473
44	49	95 072	12 338,928	192 898,364	15,633	15,167	94	99	183	2,333	4,314	1,849	1,383
45	50	94 688	11 731,783	180 559,435	15,391	14,925	95	100	92	1,121	1,982	1,768	1,302
46	51	94 270	11 150,367	168 827,653	15,141	14,675							
47	52	93 807	10 592,431	157 677,286	14,886	14,420							
48	53	93 279	10 055,234	147 084,855	14,628	14,162							
49	54	92 701	9 539,713	137 029,622	14,364	13,898							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß   4,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	6	99 610	99 610,498	2 083 653,175	20,918	20,452	50	56	91 747	9 013,478	125 780,756	13,955	13,489
1	7	99 217	94 717,500	1 984 042,677	20,947	20,481	51	57	91 036	8 537,997	116 767,278	13,676	13,210
2	8	99 176	90 385,089	1 889 325,177	20,903	20,437	52	58	90 243	8 079,850	108 229,281	13,395	12,929
3	9	99 150	86 263,841	1 798 940,088	20,854	20,388	53	59	89 395	7 640,983	100 149,432	13,107	12,641
4	10	99 129	82 334,984	1 712 676,247	20,801	20,335	54	60	88 482	7 219,976	92 508,449	12,813	12,347
5	11	99 109	78 585,401	1 630 341,263	20,746	20,280	55	61	87 460	6 812,977	85 288,473	12,519	12,053
6	12	99 090	75 007,759	1 551 755,862	20,688	20,222	56	62	86 369	6 422,904	78 475,496	12,218	11,752
7	13	99 072	71 593,123	1 476 748,103	20,627	20,161	57	63	85 198	6 048,562	72 052,592	11,912	11,446
8	14	99 055	68 334,904	1 405 154,980	20,563	20,097	58	64	83 944	5 689,235	66 004,030	11,602	11,136
9	15	99 036	65 223,681	1 336 820,076	20,496	20,030	59	65	82 594	5 343,921	60 314,796	11,287	10,821
10	16	99 015	62 253,322	1 271 596,395	20,426	19,960	60	66	81 167	5 013,448	54 970,874	10,965	10,499
11	17	98 991	59 415,924	1 209 343,073	20,354	19,888	61	67	79 636	4 695,855	49 957,426	10,639	10,173
12	18	98 967	56 707,677	1 149 927,149	20,278	19,812	62	68	78 028	4 392,382	45 261,571	10,305	9,839
13	19	98 933	54 117,818	1 093 219,473	20,201	19,735	63	69	76 344	4 102,704	40 869,189	9,962	9,496
14	20	98 902	51 647,390	1 039 101,655	20,119	19,653	64	70	74 578	3 826,067	36 766,485	9,609	9,143
15	21	98 865	49 287,040	987 454,265	20,035	19,569	65	71	72 673	3 559,294	32 940,418	9,255	8,789
16	22	98 827	47 033,844	938 167,225	19,947	19,481	66	72	70 657	3 303,629	29 381,123	8,894	8,428
17	23	98 779	44 879,314	891 133,381	19,856	19,390	67	73	68 483	3 056,750	26 077,494	8,531	8,065
18	24	98 723	42 819,909	846 254,067	19,763	19,297	68	74	66 164	2 819,358	23 020,744	8,165	7,699
19	25	98 656	40 850,254	803 434,158	19,668	19,202	69	75	63 690	2 590,850	20 201,386	7,797	7,331
20	26	98 586	38 970,223	762 583,904	19,568	19,102	70	76	61 018	2 369,604	17 610,536	7,432	6,966
21	27	98 509	37 174,266	723 613,681	19,465	18,999	71	77	58 168	2 156,502	15 240,932	7,067	6,601
22	28	98 430	35 459,853	686 439,414	19,358	18,892	72	78	55 146	1 951,741	13 084,430	6,704	6,238
23	29	98 352	33 825,344	650 979,561	19,245	18,779	73	79	51 930	1 754,596	11 132,690	6,345	5,879
24	30	98 273	32 265,356	617 154,217	19,127	18,661	74	80	48 551	1 566,035	9 378,093	5,988	5,522
25	31	98 190	30 776,301	584 888,861	19,005	18,539	75	81	44 948	1 384,063	7 812,058	5,644	5,178
26	32	98 106	29 355,706	554 112,560	18,876	18,410	76	82	41 206	1 211,308	6 427,995	5,307	4,841
27	33	98 015	27 998,329	524 756,854	18,742	18,276	77	83	37 313	1 047,140	5 216,688	4,982	4,516
28	34	97 917	26 702,030	496 758,525	18,604	18,138	78	84	33 339	893,167	4 169,548	4,668	4,202
29	35	97 816	25 465,059	470 056,495	18,459	17,993	79	85	29 294	749,223	3 276,381	4,373	3,907
30	36	97 713	24 284,669	444 591,436	18,307	17,841	80	86	25 288	617,447	2 527,157	4,093	3,627
31	37	97 604	23 157,610	420 306,767	18,150	17,684	81	87	21 416	499,177	1 909,710	3,826	3,360
32	38	97 483	22 079,934	397 149,157	17,987	17,521	82	88	17 705	393,978	1 410,533	3,580	3,114
33	39	97 357	21 051,475	375 069,222	17,817	17,351	83	89	14 292	303,601	1 016,556	3,348	2,882
34	40	97 218	20 068,248	354 017,747	17,641	17,175	84	90	11 191	226,945	712,955	3,142	2,676
35	41	97 072	19 129,517	333 949,499	17,457	16,991	85	91	8 530	165,137	486,009	2,943	2,477
36	42	96 913	18 232,104	314 819,982	17,267	16,801	86	92	6 252	115,553	320,873	2,777	2,311
37	43	96 741	17 374,540	296 587,878	17,070	16,604	87	93	4 456	78,625	205,320	2,611	2,145
38	44	96 551	16 553,966	279 213,338	16,867	16,401	88	94	3 055	51,456	126,695	2,462	1,996
39	45	96 336	15 768,209	262 659,372	16,658	16,192	89	95	2 014	32,387	75,239	2,323	1,857
40	46	96 103	15 016,817	246 891,163	16,441	15,975	90	96	1 266	19,437	42,852	2,205	1,739
41	47	95 845	14 297,298	231 874,346	16,218	15,752	91	97	767	11,243	23,415	2,083	1,617
42	48	95 557	13 607,992	217 577,048	15,989	15,523	92	98	439	6,143	12,172	1,982	1,516
43	49	95 242	12 948,117	203 969,056	15,753	15,287	93	99	239	3,193	6,030	1,888	1,422
44	50	94 877	12 313,539	191 020,939	15,513	15,047	94	100	123	1,573	2,837	1,804	1,338
45	51	94 480	11 705,938	178 707,400	15,266	14,800							
46	52	94 040	11 123,084	167 001,462	15,014	14,548							
47	53	93 549	10 563,350	155 878,378	14,757	14,291							
48	54	92 999	10 025,002	145 315,028	14,495	14,029							
49	55	92 405	9 509,270	135 290,026	14,227	13,761							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß   4,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	7	99 602	99 601,823	2 081 127,565	20,894	20,428	50	57	91 401	8 979,477	123 957,889	13,805	13,339
1	8	99 208	94 709,371	1 981 525,742	20,922	20,456	51	58	90 672	8 503,874	114 978,412	13,521	13,055
2	9	99 168	90 378,433	1 886 816,371	20,877	20,411	52	59	89 845	8 044,199	106 474,538	13,236	12,770
3	10	99 143	86 257,891	1 796 437,939	20,826	20,360	53	60	88 973	7 604,902	98 430,339	12,943	12,477
4	11	99 122	82 329,141	1 710 180,048	20,772	20,306	54	61	88 005	7 181,065	90 825,437	12,648	12,182
5	12	99 101	78 579,117	1 627 850,908	20,716	20,250	55	62	86 957	6 773,825	83 644,373	12,348	11,882
6	13	99 082	75 001,721	1 549 271,791	20,656	20,190	56	63	85 824	6 382,391	76 870,548	12,044	11,578
7	14	99 063	71 586,710	1 474 270,070	20,594	20,128	57	64	84 624	6 007,807	70 488,157	11,733	11,267
8	15	99 044	68 327,497	1 402 683,360	20,529	20,063	58	65	83 327	5 647,422	64 480,350	11,418	10,952
9	16	99 023	65 215,476	1 334 355,863	20,461	19,995	59	66	81 949	5 302,186	58 832,928	11,096	10,630
10	17	99 000	62 243,743	1 269 140,386	20,390	19,924	60	67	80 472	4 970,562	53 530,742	10,770	10,304
11	18	98 975	59 406,389	1 206 896,644	20,316	19,850	61	68	78 909	4 652,931	48 560,180	10,436	9,970
12	19	98 944	56 694,724	1 147 490,254	20,240	19,774	62	69	77 270	4 349,729	43 907,209	10,094	9,628
13	20	98 913	54 106,641	1 090 795,531	20,160	19,694	63	70	75 533	4 059,127	39 557,479	9,745	9,279
14	21	98 880	51 635,924	1 036 688,890	20,077	19,611	64	71	73 713	3 781,667	35 498,352	9,387	8,921
15	22	98 844	49 276,725	985 052,965	19,990	19,524	65	72	71 738	3 513,461	31 716,685	9,027	8,561
16	23	98 805	47 023,293	935 776,241	19,900	19,434	66	73	69 634	3 255,800	28 203,225	8,662	8,196
17	24	98 756	44 869,056	888 752,948	19,808	19,342	67	74	67 369	3 007,044	24 947,424	8,296	7,830
18	25	98 703	42 811,253	843 883,892	19,712	19,246	68	75	64 933	2 766,897	21 940,381	7,930	7,464
19	26	98 634	40 841,268	801 072,639	19,614	19,148	69	76	62 323	2 535,255	19 173,484	7,563	7,097
20	27	98 562	38 961,001	760 231,371	19,513	19,047	70	77	59 524	2 311,566	16 638,229	7,198	6,732
21	28	98 483	37 164,280	721 270,371	19,408	18,942	71	78	56 556	2 096,716	14 326,663	6,833	6,367
22	29	98 405	35 450,886	684 106,091	19,297	18,831	72	79	53 377	1 889,152	12 229,948	6,474	6,008
23	30	98 324	33 815,639	648 655,205	19,182	18,716	73	80	50 045	1 690,894	10 340,796	6,116	5,650
24	31	98 245	32 256,224	614 839,566	19,061	18,595	74	81	46 523	1 500,629	8 649,901	5,764	5,298
25	32	98 160	30 767,005	582 583,342	18,935	18,469	75	82	42 809	1 318,195	7 149,273	5,424	4,958
26	33	98 072	29 345,300	551 816,336	18,804	18,338	76	83	38 934	1 144,511	5 831,078	5,095	4,629
27	34	97 979	27 988,092	522 471,036	18,668	18,202	77	84	34 973	981,472	4 686,567	4,775	4,309
28	35	97 875	26 690,688	494 482,944	18,526	18,060	78	85	30 928	828,577	3 705,095	4,472	4,006
29	36	97 777	25 454,930	467 792,256	18,377	17,911	79	86	26 870	687,222	2 876,518	4,186	3,720
30	37	97 667	24 273,129	442 337,326	18,223	17,757	80	87	22 906	559,270	2 189,296	3,915	3,449
31	38	97 552	23 145,251	418 064,197	18,063	17,597	81	88	19 096	445,120	1 630,026	3,662	3,196
32	39	97 428	22 067,642	394 918,946	17,896	17,430	82	89	15 540	345,799	1 184,906	3,427	2,961
33	40	97 292	21 037,549	372 851,304	17,723	17,257	83	90	12 269	260,636	839,107	3,219	2,753
34	41	97 149	20 054,075	351 813,755	17,543	17,077	84	91	9 458	191,815	578,471	3,016	2,550
35	42	96 994	19 114,185	331 759,680	17,357	16,891	85	92	7 014	135,794	386,656	2,847	2,381
36	43	96 827	18 215,876	312 645,495	17,163	16,697	86	93	5 069	93,688	250,862	2,678	2,212
37	44	96 642	17 356,749	294 429,619	16,963	16,497	87	94	3 533	62,330	157,174	2,522	2,056
38	45	96 442	16 535,374	277 072,870	16,756	16,290	88	95	2 365	39,833	94,844	2,381	1,915
39	46	96 214	15 748,195	260 537,496	16,544	16,078	89	96	1 521	24,450	55,012	2,250	1,784
40	47	95 968	14 995,657	244 789,301	16,324	15,858	90	97	931	14,292	30,561	2,138	1,672
41	48	95 688	14 273,920	229 793,644	16,099	15,633	91	98	549	8,041	16,269	2,023	1,557
42	49	95 388	13 583,927	215 519,724	15,866	15,400	92	99	305	4,268	8,228	1,928	1,462
43	50	95 046	12 921,474	201 935,797	15,628	15,162	93	100	161	2,152	3,960	1,840	1,374
44	51	94 668	12 286,412	189 014,323	15,384	14,918							
45	52	94 248	11 677,296	176 727,910	15,134	14,668							
46	53	93 781	11 092,547	165 050,615	14,879	14,413							
47	54	93 268	10 531,591	153 958,067	14,619	14,153							
48	55	92 702	9 993,010	143 426,476	14,353	13,887							
49	56	92 077	9 475,577	133 433,466	14,082	13,616							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß   4,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	8	99 593	99 593,274	2 078 423,273	20,869	20,403	50	58	91 036	8 943,590	122 017,237	13,643	13,177
1	9	99 201	94 702,396	1 978 829,998	20,895	20,429	51	59	90 272	8 466,353	113 073,647	13,356	12,890
2	10	99 161	90 372,198	1 884 127,602	20,849	20,383	52	60	89 420	8 006,214	104 607,294	13,066	12,600
3	11	99 136	86 251,769	1 793 755,405	20,797	20,331	53	61	88 493	7 563,916	96 601,081	12,771	12,305
4	12	99 114	82 322,557	1 707 503,636	20,742	20,276	54	62	87 499	7 139,797	89 037,164	12,471	12,005
5	13	99 093	78 572,791	1 625 181,079	20,684	20,218	55	63	86 409	6 731,098	81 897,367	12,167	11,701
6	14	99 073	74 995,002	1 546 608,287	20,623	20,157	56	64	85 246	6 339,387	75 166,269	11,857	11,391
7	15	99 052	71 578,951	1 471 613,285	20,559	20,093	57	65	84 002	5 963,653	68 826,882	11,541	11,075
8	16	99 031	68 318,902	1 400 034,334	20,493	20,027	58	66	82 676	5 603,317	62 863,229	11,219	10,753
9	17	99 008	65 205,441	1 331 715,432	20,423	19,957	59	67	81 248	5 256,830	57 259,912	10,892	10,426
10	18	98 984	62 233,754	1 266 509,990	20,351	19,885	60	68	79 738	4 925,169	52 003,082	10,559	10,093
11	19	98 953	59 392,820	1 204 276,236	20,276	19,810	61	69	78 143	4 607,788	47 077,913	10,217	9,751
12	20	98 924	56 683,014	1 144 883,416	20,198	19,732	62	70	76 450	4 303,529	42 470,125	9,869	9,403
13	21	98 891	54 094,630	1 088 200,402	20,117	19,651	63	71	74 656	4 012,022	38 166,597	9,513	9,047
14	22	98 859	51 625,118	1 034 105,772	20,031	19,565	64	72	72 763	3 732,970	34 154,575	9,149	8,683
15	23	98 822	49 265,670	982 480,654	19,943	19,476	65	73	70 699	3 462,594	30 421,605	8,786	8,320
16	24	98 782	47 012,545	933 214,984	19,850	19,384	66	74	68 502	3 202,857	26 959,011	8,417	7,951
17	25	98 736	44 859,986	886 202,440	19,755	19,289	67	75	66 115	2 951,090	23 756,154	8,050	7,584
18	26	98 681	42 801,836	841 342,454	19,657	19,191	68	76	63 540	2 707,525	20 805,064	7,684	7,218
19	27	98 610	40 831,602	798 540,618	19,557	19,091	69	77	60 797	2 473,160	18 097,539	7,318	6,852
20	28	98 536	38 950,534	757 709,016	19,453	18,987	70	78	57 873	2 247,481	15 624,380	6,952	6,486
21	29	98 458	37 154,882	718 758,482	19,345	18,879	71	79	54 742	2 029,478	13 376,899	6,591	6,125
22	30	98 376	35 440,714	681 603,601	19,232	18,766	72	80	51 439	1 820,564	11 347,421	6,233	5,767
23	31	98 296	33 806,068	646 162,886	19,114	18,648	73	81	47 955	1 620,273	9 526,857	5,880	5,414
24	32	98 215	32 246,482	612 356,818	18,990	18,524	74	82	44 309	1 429,213	7 906,584	5,532	5,066
25	33	98 126	30 756,099	580 110,336	18,862	18,396	75	83	40 448	1 245,504	6 477,371	5,201	4,735
26	34	98 036	29 334,571	549 354,237	18,727	18,261	76	84	36 492	1 072,737	5 231,867	4,877	4,411
27	35	97 937	27 976,203	520 019,666	18,588	18,122	77	85	32 444	910,496	4 159,130	4,568	4,102
28	36	97 836	26 680,072	492 043,463	18,442	17,976	78	86	28 368	760,008	3 248,634	4,274	3,808
29	37	97 731	25 442,833	465 363,391	18,291	17,825	79	87	24 338	622,470	2 488,625	3,998	3,532
30	38	97 615	24 260,175	439 920,558	18,133	17,667	80	88	20 425	498,705	1 866,155	3,742	3,276
31	39	97 498	23 132,366	415 660,383	17,969	17,503	81	89	16 761	390,688	1 367,450	3,500	3,034
32	40	97 364	22 053,043	392 528,017	17,799	17,333	82	90	13 341	296,863	976,762	3,290	2,824
33	41	97 224	21 022,691	370 474,974	17,623	17,157	83	91	10 370	220,291	679,899	3,086	2,620
34	42	97 071	20 038,002	349 452,283	17,439	16,973	84	92	7 778	157,732	459,609	2,914	2,448
35	43	96 908	19 097,171	329 414,280	17,249	16,783	85	93	5 687	110,098	301,876	2,742	2,276
36	44	96 728	18 197,224	310 317,109	17,053	16,587	86	94	4 018	74,271	191,778	2,582	2,116
37	45	96 534	17 337,255	292 119,885	16,849	16,383	87	95	2 735	48,251	117,508	2,435	1,969
38	46	96 320	16 514,387	274 782,630	16,639	16,173	88	96	1 785	30,072	69,257	2,303	1,837
39	47	96 078	15 726,004	258 268,244	16,423	15,957	89	97	1 118	17,978	39,185	2,180	1,714
40	48	95 811	14 971,137	242 542,240	16,201	15,735	90	98	666	10,222	21,207	2,075	1,609
41	49	95 519	14 248,678	227 571,102	15,971	15,505	91	99	381	5,587	10,985	1,966	1,500
42	50	95 192	13 555,977	213 322,424	15,736	15,270	92	100	206	2,877	5,398	1,876	1,410
43	51	94 837	12 893,008	199 766,448	15,494	15,028							
44	52	94 436	12 256,350	186 873,440	15,247	14,781							
45	53	93 990	11 645,237	174 617,090	14,995	14,529							
46	54	93 499	11 059,197	162 971,853	14,736	14,270							
47	55	92 971	10 497,983	151 912,656	14,471	14,005							
48	56	92 374	9 957,603	141 414,673	14,202	13,736							
49	57	91 730	9 439,833	131 457,070	13,926	13,460							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß   4,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	9	99 586	99 585,940	2 075 531,196	20,842	20,376	50	59	90 634	8 904,128	119 954,777	13,472	13,006
1	10	99 194	94 695,863	1 975 945,256	20,866	20,400	51	60	89 846	8 426,374	111 050,649	13,179	12,713
2	11	99 154	90 365,784	1 881 249,393	20,818	20,352	52	61	88 939	7 963,066	102 624,275	12,888	12,422
3	12	99 128	86 244,872	1 790 883,609	20,765	20,299	53	62	87 985	7 520,449	94 661,209	12,587	12,121
4	13	99 106	82 315,930	1 704 638,737	20,708	20,242	54	63	86 947	7 094,762	87 140,760	12,282	11,816
5	14	99 084	78 565,753	1 622 322,807	20,649	20,183	55	64	85 827	6 685,745	80 045,998	11,973	11,507
6	15	99 063	74 986,874	1 543 757,054	20,587	20,121	56	65	84 619	6 292,796	73 360,254	11,658	11,192
7	16	99 040	71 569,947	1 468 770,180	20,522	20,056	57	66	83 346	5 917,078	67 067,457	11,335	10,869
8	17	99 016	68 308,390	1 397 200,234	20,454	19,988	58	67	81 969	5 555,384	61 150,379	11,007	10,541
9	18	98 992	65 194,978	1 328 891,844	20,383	19,917	59	68	80 506	5 208,823	55 594,995	10,673	10,207
10	19	98 962	62 219,540	1 263 696,866	20,310	19,844	60	69	78 963	4 877,343	50 386,172	10,331	9,865
11	20	98 932	59 380,553	1 201 477,326	20,234	19,768	61	70	77 313	4 558,846	45 508,830	9,983	9,517
12	21	98 902	56 670,431	1 142 096,773	20,153	19,687	62	71	75 562	4 253,587	40 949,983	9,627	9,161
13	22	98 870	54 083,308	1 085 426,342	20,070	19,604	63	72	73 695	3 960,358	36 696,396	9,266	8,800
14	23	98 837	51 613,537	1 031 343,034	19,982	19,516	64	73	71 710	3 678,925	32 736,038	8,898	8,432
15	24	98 800	49 254,409	979 729,497	19,891	19,425	65	74	69 549	3 406,288	29 057,113	8,530	8,064
16	25	98 762	47 003,042	930 475,088	19,796	19,330	66	75	67 227	3 143,260	25 650,825	8,161	7,695
17	26	98 715	44 850,118	883 472,047	19,698	19,232	67	76	64 697	2 887,766	22 507,565	7,794	7,328
18	27	98 658	42 791,706	838 621,929	19,598	19,132	68	77	61 984	2 641,210	19 619,800	7,428	6,962
19	28	98 584	40 820,632	795 830,223	19,496	19,030	69	78	59 111	2 404,595	16 978,590	7,061	6,595
20	29	98 511	38 940,684	755 009,591	19,389	18,923	70	79	56 017	2 175,408	14 573,995	6,699	6,233
21	30	98 430	37 144,221	716 068,906	19,278	18,812	71	80	52 755	1 955,795	12 398,587	6,339	5,873
22	31	98 349	35 430,684	678 924,685	19,162	18,696	72	81	49 291	1 744,528	10 442,792	5,986	5,520
23	32	98 267	33 795,858	643 494,001	19,041	18,575	73	82	45 673	1 543,164	8 698,264	5,637	5,171
24	33	98 180	32 235,051	609 698,144	18,914	18,448	74	83	41 866	1 350,400	7 155,101	5,299	4,832
25	34	98 090	30 744,854	577 463,092	18,782	18,316	75	84	37 911	1 167,396	5 804,700	4,972	4,506
26	35	97 994	29 322,110	546 718,238	18,645	18,179	76	85	33 853	995,161	4 637,304	4,660	4,194
27	36	97 898	27 965,076	517 396,128	18,502	18,036	77	86	29 759	835,149	3 642,143	4,361	3,895
28	37	97 790	26 667,393	489 431,052	18,353	17,887	78	87	25 695	688,398	2 806,994	4,078	3,612
29	38	97 679	25 429,255	462 763,660	18,198	17,732	79	88	21 702	555,062	2 118,596	3,817	3,351
30	39	97 560	24 246,669	437 334,405	18,037	17,571	80	89	17 927	437,720	1 563,534	3,572	3,106
31	40	97 433	23 117,063	413 087,736	17,869	17,403	81	90	14 389	335,399	1 125,814	3,357	2,891
32	41	97 295	22 037,469	389 970,673	17,696	17,230	82	91	11 276	250,910	790,415	3,150	2,684
33	42	97 146	21 005,842	367 933,205	17,516	17,050	83	92	8 527	181,148	539,506	2,978	2,512
34	43	96 985	20 020,167	346 927,363	17,329	16,863	84	93	6 306	127,885	358,358	2,802	2,336
35	44	96 809	19 077,617	326 907,196	17,136	16,670	85	94	4 508	87,280	230,472	2,641	2,175
36	45	96 619	18 176,786	307 829,579	16,935	16,469	86	95	3 111	57,494	143,192	2,491	2,025
37	46	96 411	17 315,250	289 652,794	16,728	16,262	87	96	2 065	36,427	85,698	2,353	1,887
38	47	96 184	16 491,116	272 337,544	16,514	16,048	88	97	1 313	22,111	49,272	2,228	1,762
39	48	95 921	15 700,290	255 846,428	16,296	15,830	89	98	800	12,859	27,160	2,112	1,646
40	49	95 642	14 944,662	240 146,137	16,069	15,603	90	99	463	7,102	14,302	2,014	1,548
41	50	95 322	14 219,359	225 201,476	15,838	15,372	91	100	257	3,766	7,199	1,912	1,445
42	51	94 982	13 526,113	210 982,116	15,598	15,132							
43	52	94 605	12 861,461	197 456,004	15,353	14,887							
44	53	94 177	12 222,702	184 594,542	15,103	14,637							
45	54	93 707	11 610,225	172 371,840	14,847	14,381							
46	55	93 201	11 023,905	160 761,615	14,583	14,117							
47	56	92 641	10 460,786	149 737,711	14,314	13,848							
48	57	92 025	9 920,041	139 276,924	14,040	13,574							
49	58	91 363	9 402,106	129 356,883	13,758	13,292							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß   4,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	10	99 579	99 579,070	2 072 440,952	20,812	20,346	50	60	90 206	8 862,082	117 768,369	13,289	12,823
1	11	99 187	94 689,142	1 972 861,882	20,835	20,369	51	61	89 361	8 380,962	108 906,286	12,994	12,528
2	12	99 146	90 358,558	1 878 172,740	20,786	20,320	52	62	88 427	7 917,304	100 525,325	12,697	12,231
3	13	99 120	86 237,929	1 787 814,182	20,731	20,265	53	63	87 430	7 473,012	92 608,020	12,392	11,926
4	14	99 097	82 308,557	1 701 576,253	20,673	20,207	54	64	86 361	7 046,959	85 135,008	12,081	11,615
5	15	99 073	78 557,238	1 619 267,696	20,613	20,147	55	65	85 196	6 636,608	78 088,050	11,766	11,300
6	16	99 050	74 977,441	1 540 710,459	20,549	20,083	56	66	83 958	6 243,650	71 451,441	11,444	10,978
7	17	99 024	71 558,934	1 465 733,018	20,483	20,017	57	67	82 633	5 866,462	65 207,791	11,115	10,649
8	18	99 000	68 297,428	1 394 174,083	20,413	19,947	58	68	81 220	5 504,651	59 341,329	10,780	10,314
9	19	98 969	65 180,087	1 325 876,655	20,342	19,876	59	69	79 724	5 158,242	53 836,678	10,437	9,971
10	20	98 941	62 206,689	1 260 696,569	20,266	19,800	60	70	78 125	4 825,538	48 678,436	10,088	9,622
11	21	98 910	59 367,371	1 198 489,880	20,188	19,722	61	71	76 416	4 505,942	43 852,899	9,732	9,266
12	22	98 881	56 658,571	1 139 122,509	20,105	19,639	62	72	74 589	4 198,813	39 346,956	9,371	8,905
13	23	98 848	54 071,176	1 082 463,938	20,019	19,553	63	73	72 628	3 903,021	35 148,143	9,005	8,539
14	24	98 815	51 601,739	1 028 392,762	19,929	19,463	64	74	70 544	3 619,101	31 245,122	8,633	8,167
15	25	98 780	49 244,453	976 791,024	19,836	19,370	65	75	68 255	3 342,905	27 626,021	8,264	7,798
16	26	98 740	46 992,702	927 546,571	19,738	19,272	66	76	65 785	3 075,812	24 283,116	7,895	7,429
17	27	98 691	44 839,503	880 553,869	19,638	19,172	67	77	63 112	2 817,036	21 207,304	7,528	7,062
18	28	98 631	42 780,210	835 714,366	19,535	19,069	68	78	60 265	2 567,986	18 390,267	7,161	6,695
19	29	98 559	40 810,310	792 934,156	19,430	18,964	69	79	57 216	2 327,483	15 822,282	6,798	6,332
20	30	98 483	38 929,511	752 123,846	19,320	18,854	70	80	53 984	2 096,428	13 494,798	6,437	5,971
21	31	98 402	37 133,708	713 194,334	19,206	18,740	71	81	50 551	1 874,111	11 398,371	6,082	5,616
22	32	98 319	35 419,983	676 060,626	19,087	18,621	72	82	46 945	1 661,505	9 524,260	5,732	5,266
23	33	98 232	33 783,878	640 640,643	18,963	18,497	73	83	43 154	1 458,067	7 862,755	5,393	4,927
24	34	98 145	32 223,265	606 856,765	18,833	18,367	74	84	39 240	1 265,714	6 404,688	5,060	4,594
25	35	98 048	30 731,794	574 633,500	18,698	18,232	75	85	35 170	1 082,975	5 138,974	4,745	4,279
26	36	97 955	29 310,447	543 901,706	18,557	18,091	76	86	31 052	912,807	4 055,999	4,443	3,977
27	37	97 852	27 951,786	514 591,259	18,410	17,944	77	87	26 955	756,459	3 143,192	4,155	3,689
28	38	97 738	26 653,161	486 639,472	18,258	17,792	78	88	22 913	613,851	2 386,733	3,888	3,422
29	39	97 624	25 415,098	459 986,311	18,099	17,633	79	89	19 049	487,185	1 772,882	3,639	3,173
30	40	97 496	24 230,628	434 571,213	17,935	17,469	80	90	15 390	375,775	1 285,698	3,421	2,955
31	41	97 365	23 100,737	410 340,585	17,763	17,297	81	91	12 162	283,480	909,922	3,210	2,744
32	42	97 217	22 019,806	387 239,848	17,586	17,120	82	92	9 272	206,327	626,442	3,036	2,570
33	43	97 059	20 987,145	365 220,042	17,402	16,936	83	93	6 914	146,870	420,115	2,860	2,394
34	44	96 886	19 999,667	344 232,898	17,212	16,746	84	94	4 999	101,381	273,245	2,695	2,229
35	45	96 700	19 056,190	324 233,231	17,015	16,549	85	95	3 490	67,565	171,865	2,544	2,078
36	46	96 496	18 153,715	305 177,041	16,811	16,345	86	96	2 348	43,405	104,299	2,403	1,937
37	47	96 275	17 290,851	287 023,326	16,600	16,134	87	97	1 518	26,784	60,894	2,274	1,808
38	48	96 027	16 464,151	269 732,475	16,383	15,917	88	98	939	15,815	34,110	2,157	1,691
39	49	95 752	15 672,525	253 268,324	16,160	15,694	89	99	556	8,934	18,295	2,048	1,582
40	50	95 445	14 913,911	237 595,798	15,931	15,465	90	100	312	4,788	9,361	1,955	1,489
41	51	95 112	14 188,034	222 681,887	15,695	15,229							
42	52	94 750	13 493,017	208 493,853	15,452	14,986							
43	53	94 345	12 826,152	195 000,836	15,203	14,737							
44	54	93 894	12 185,954	182 174,684	14,950	14,484							
45	55	93 408	11 573,174	169 988,730	14,688	14,222							
46	56	92 871	10 984,845	158 415,556	14,421	13,955							
47	57	92 292	10 421,326	147 430,711	14,147	13,681							
48	58	91 657	9 880,395	137 009,385	13,867	13,401							
49	59	90 960	9 360,621	127 128,990	13,581	13,115							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß   4,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$
0	11	99 572	99 572,003	2 069 142,725	20,780	20,314	50	61	89 720	8 814,322	115 455,014	13,099	12,633
1	12	99 179	94 681,570	1 969 570,722	20,802	20,336	51	62	88 848	8 332,799	106 640,692	12,798	12,332
2	13	99 139	90 351,284	1 874 889,151	20,751	20,285	52	63	87 870	7 867,365	98 307,893	12,496	12,030
3	14	99 111	86 230,204	1 784 537,867	20,695	20,229	53	64	86 841	7 422,660	90 440,529	12,184	11,718
4	15	99 086	82 299,635	1 698 307,663	20,636	20,170	54	65	85 727	6 995,168	83 017,869	11,868	11,402
5	16	99 061	78 547,356	1 616 008,028	20,574	20,108	55	66	84 530	6 584,777	76 022,701	11,545	11,079
6	17	99 035	74 965,904	1 537 460,672	20,509	20,043	56	67	83 240	6 190,241	69 437,924	11,217	10,751
7	18	99 008	71 547,451	1 462 494,768	20,441	19,975	57	68	81 879	5 812,887	63 247,683	10,881	10,415
8	19	98 978	68 281,828	1 390 947,317	20,371	19,905	58	69	80 431	5 451,197	57 434,796	10,536	10,070
9	20	98 949	65 166,624	1 322 665,488	20,297	19,831	59	70	78 877	5 103,453	51 983,598	10,186	9,720
10	21	98 919	62 192,880	1 257 498,864	20,219	19,753	60	71	77 218	4 769,539	46 880,145	9,829	9,363
11	22	98 890	59 354,946	1 195 305,985	20,138	19,672	61	72	75 431	4 447,918	42 110,606	9,467	9,001
12	23	98 859	56 645,860	1 135 951,038	20,054	19,588	62	73	73 509	4 138,024	37 662,688	9,102	8,636
13	24	98 825	54 058,816	1 079 305,178	19,965	19,499	63	74	71 447	3 839,554	33 524,664	8,731	8,265
14	25	98 795	51 591,308	1 025 246,362	19,872	19,406	64	75	69 231	3 551,759	29 685,111	8,358	7,892
15	26	98 758	49 233,620	973 655,054	19,776	19,310	65	76	66 791	3 271,173	26 133,352	7,989	7,523
16	27	98 717	46 981,580	924 421,434	19,676	19,210	66	77	64 174	3 000,477	22 862,179	7,620	7,154
17	28	98 665	44 827,457	877 439,853	19,574	19,108	67	78	61 362	2 738,938	19 861,702	7,252	6,786
18	29	98 607	42 769,392	832 612,397	19,467	19,001	68	79	58 333	2 485,635	17 122,764	6,889	6,423
19	30	98 531	40 798,601	789 843,004	19,360	18,894	69	80	55 138	2 242,982	14 637,130	6,526	6,060
20	31	98 455	38 918,493	749 044,404	19,246	18,780	70	81	51 729	2 008,869	12 394,148	6,170	5,704
21	32	98 372	37 122,493	710 125,910	19,129	18,663	71	82	48 145	1 784,921	10 385,278	5,818	5,352
22	33	98 284	35 407,427	673 003,417	19,007	18,541	72	83	44 357	1 569,882	8 600,358	5,478	5,012
23	34	98 196	33 771,526	637 595,990	18,880	18,414	73	84	40 448	1 366,629	7 030,475	5,144	4,678
24	35	98 103	32 209,578	603 824,465	18,747	18,281	74	85	36 403	1 174,183	5 663,846	4,824	4,358
25	36	98 009	30 719,570	571 614,887	18,608	18,142	75	86	32 259	993,354	4 489,663	4,520	4,054
26	37	97 909	29 296,518	540 895,317	18,463	17,997	76	87	28 126	826,800	3 496,308	4,229	3,763
27	38	97 799	27 936,869	511 598,798	18,313	17,847	77	88	24 036	674,540	2 669,509	3,958	3,492
28	39	97 683	26 638,323	483 661,929	18,157	17,691	78	89	20 111	538,785	1 994,968	3,703	3,237
29	40	97 560	25 398,285	457 023,607	17,994	17,528	79	90	16 353	418,240	1 456,183	3,482	3,016
30	41	97 427	24 213,516	431 625,322	17,826	17,360	80	91	13 008	317,607	1 037,944	3,268	2,802
31	42	97 287	23 082,222	407 411,806	17,650	17,184	81	92	10 001	233,110	720,337	3,090	2,624
32	43	97 131	22 000,206	384 329,584	17,469	17,003	82	93	7 518	167,284	487,227	2,913	2,447
33	44	96 960	20 965,655	362 329,378	17,282	16,816	83	94	5 481	116,431	319,943	2,748	2,282
34	45	96 777	19 977,205	341 363,723	17,088	16,622	84	95	3 870	78,481	203,512	2,593	2,127
35	46	96 577	19 032,003	321 386,518	16,887	16,421	85	96	2 635	51,008	125,031	2,451	1,985
36	47	96 360	18 128,134	302 354,515	16,679	16,213	86	97	1 727	31,915	74,023	2,319	1,853
37	48	96 118	17 262,578	284 226,381	16,465	15,999	87	98	1 086	19,157	42,108	2,198	1,732
38	49	95 857	16 435,035	266 963,802	16,244	15,778	88	99	652	10,988	22,951	2,089	1,623
39	50	95 555	15 640,277	250 528,767	16,018	15,552	89	100	375	6,023	11,963	1,986	1,520
40	51	95 235	14 881,056	234 888,490	15,784	15,318							
41	52	94 880	14 153,319	220 007,435	15,545	15,079							
42	53	94 490	13 455,974	205 854,116	15,298	14,832							
43	54	94 062	12 787,590	192 398,142	15,046	14,580							
44	55	93 594	12 147,066	179 610,553	14,786	14,320							
45	56	93 077	11 532,169	167 463,487	14,521	14,055							
46	57	92 521	10 943,408	155 931,318	14,249	13,783							
47	58	91 923	10 379,677	144 987,910	13,968	13,502							
48	59	91 253	9 836,800	134 608,233	13,684	13,218							
49	60	90 531	9 316,420	124 771,434	13,393	12,927							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß   4,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	12	99 564	99 564,040	2 065 627,177	20,747	20,281	50	62	89 205	8 763,668	113 015,124	12,896	12,430
1	13	99 171	94 673,948	1 966 063,136	20,767	20,301	51	63	88 287	8 280,238	104 251,456	12,590	12,124
2	14	99 130	90 343,191	1 871 389,188	20,714	20,248	52	64	87 278	7 814,355	95 971,218	12,281	11,815
3	15	99 100	86 220,858	1 781 045,997	20,657	20,191	53	65	86 202	7 368,108	88 156,862	11,965	11,499
4	16	99 074	82 289,283	1 694 825,139	20,596	20,130	54	66	85 057	6 940,536	80 788,754	11,640	11,174
5	17	99 046	78 535,269	1 612 535,857	20,533	20,067	55	67	83 807	6 528,449	73 848,218	11,312	10,846
6	18	99 019	74 953,874	1 534 000,587	20,466	20,000	56	68	82 480	6 133,710	67 319,769	10,975	10,509
7	19	98 986	71 531,109	1 459 046,713	20,397	19,931	57	69	81 084	5 756,441	61 186,059	10,629	10,163
8	20	98 957	68 267,725	1 387 515,604	20,325	19,859	58	70	79 577	5 393,297	55 429,618	10,278	9,811
9	21	98 927	65 152,158	1 319 247,879	20,249	19,783	59	71	77 962	5 044,229	50 036,321	9,920	9,454
10	22	98 899	62 179,863	1 254 095,721	20,169	19,703	60	72	76 224	4 708,121	44 992,092	9,556	9,090
11	23	98 868	59 341,631	1 191 915,857	20,086	19,620	61	73	74 339	4 383,523	40 283,971	9,190	8,724
12	24	98 836	56 632,912	1 132 574,226	19,999	19,533	62	74	72 314	4 070,735	35 900,449	8,819	8,353
13	25	98 806	54 047,889	1 075 941,314	19,907	19,441	63	75	70 118	3 768,109	31 829,714	8,447	7,981
14	26	98 773	51 579,959	1 021 893,425	19,812	19,346	64	76	67 746	3 475,545	28 061,605	8,074	7,608
15	27	98 735	49 221,968	970 313,466	19,713	19,247	65	77	65 155	3 191,053	24 586,060	7,705	7,239
16	28	98 691	46 968,959	921 091,498	19,611	19,145	66	78	62 394	2 917,292	21 395,007	7,334	6,868
17	29	98 640	44 816,121	874 122,539	19,505	19,039	67	79	59 395	2 651,105	18 477,715	6,970	6,504
18	30	98 578	42 757,121	829 306,418	19,396	18,930	68	80	56 215	2 395,392	15 826,610	6,607	6,141
19	31	98 503	40 787,054	786 549,297	19,284	18,818	69	81	52 835	2 149,303	13 431,219	6,249	5,783
20	32	98 425	38 906,739	745 762,244	19,168	18,702	70	82	49 267	1 913,266	11 281,916	5,897	5,431
21	33	98 337	37 109,334	706 855,505	19,048	18,582	71	83	45 491	1 686,493	9 368,650	5,555	5,089
22	34	98 248	35 394,481	669 746,171	18,922	18,456	72	84	41 575	1 471,433	7 682,157	5,221	4,755
23	35	98 154	33 757,180	634 351,690	18,792	18,326	73	85	37 523	1 267,801	6 210,724	4,899	4,433
24	36	98 064	32 196,366	600 594,510	18,654	18,188	74	86	33 390	1 077,014	4 942,924	4,589	4,123
25	37	97 962	30 704,972	568 397,743	18,512	18,046	75	87	29 220	899,758	3 865,910	4,297	3,831
26	38	97 856	29 280,883	537 692,771	18,363	17,897	76	88	25 080	737,264	2 966,152	4,023	3,557
27	39	97 745	27 921,316	508 411,888	18,209	17,743	77	89	21 097	592,053	2 228,888	3,765	3,299
28	40	97 619	26 620,700	480 490,572	18,050	17,584	78	90	17 265	462,537	1 636,835	3,539	3,073
29	41	97 491	25 380,348	453 869,872	17,883	17,417	79	91	13 822	353,498	1 174,297	3,322	2,856
30	42	97 349	24 194,109	428 489,524	17,710	17,244	80	92	10 697	261,172	820,799	3,143	2,677
31	43	97 200	23 061,677	404 295,416	17,531	17,065	81	93	8 108	188,999	559,627	2,961	2,495
32	44	97 031	21 977,680	381 233,739	17,346	16,880	82	94	5 960	132,614	370,627	2,795	2,329
33	45	96 851	20 942,107	359 256,059	17,155	16,689	83	95	4 243	90,131	238,013	2,641	2,175
34	46	96 654	19 951,849	338 313,952	16,957	16,491	84	96	2 922	59,249	147,882	2,496	2,030
35	47	96 441	19 005,185	318 362,103	16,751	16,285	85	97	1 937	37,506	88,633	2,363	1,897
36	48	96 203	18 098,493	299 356,918	16,540	16,074	86	98	1 235	22,827	51,128	2,240	1,774
37	49	95 948	17 232,051	281 258,425	16,322	15,856	87	99	754	13,310	28,301	2,126	1,660
38	50	95 660	16 401,218	264 026,375	16,098	15,632	88	100	440	7,407	14,990	2,024	1,558
39	51	95 344	15 605,821	247 625,157	15,867	15,401							
40	52	95 002	14 844,645	232 019,336	15,630	15,164							
41	53	94 619	14 114,463	217 174,691	15,387	14,921							
42	54	94 206	13 415,518	203 060,228	15,136	14,670							
43	55	93 761	12 746,782	189 644,710	14,878	14,412							
44	56	93 263	12 104,027	176 897,929	14,615	14,149							
45	57	92 726	11 488,667	164 793,902	14,344	13,878							
46	58	92 151	10 899,672	153 305,235	14,065	13,599							
47	59	91 517	10 333,878	142 405,563	13,780	13,314							
48	60	90 822	9 790,350	132 071,685	13,490	13,024							
49	61	90 043	9 266,210	122 281,335	13,196	12,730							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß   4,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	13	99 556	99 556,026	2 061 885,489	20,711	20,245	50	63	88 642	8 708,390	110 446,406	12,683	12,217
1	14	99 162	94 665,468	1 962 329,463	20,729	20,263	51	64	87 692	8 224,447	101 738,016	12,370	11,904
2	15	99 119	90 333,399	1 867 663,995	20,675	20,209	52	65	86 636	7 756,924	93 513,568	12,055	11,589
3	16	99 088	86 210,012	1 777 330,597	20,616	20,150	53	66	85 529	7 310,564	85 756,644	11,731	11,265
4	17	99 059	82 276,621	1 691 120,585	20,554	20,088	54	67	84 330	6 881,165	78 446,080	11,400	10,934
5	18	99 030	78 522,667	1 608 843,964	20,489	20,023	55	68	83 042	6 468,830	71 564,915	11,063	10,597
6	19	98 996	74 936,754	1 530 321,297	20,422	19,955	56	69	81 679	6 074,147	65 096,085	10,717	10,251
7	20	98 965	71 516,335	1 455 384,543	20,350	19,884	57	70	80 223	5 695,299	59 021,938	10,363	9,897
8	21	98 935	68 252,571	1 383 868,208	20,276	19,810	58	71	78 654	5 330,710	53 326,639	10,004	9,538
9	22	98 906	65 138,522	1 315 615,638	20,197	19,731	59	72	76 958	4 979,274	47 995,930	9,639	9,173
10	23	98 876	62 165,914	1 250 477,115	20,115	19,649	60	73	75 120	4 639,958	43 016,656	9,271	8,805
11	24	98 845	59 328,067	1 188 311,201	20,029	19,563	61	74	73 131	4 312,241	38 376,698	8,899	8,433
12	25	98 817	56 621,465	1 128 983,134	19,939	19,473	62	75	70 968	3 994,988	34 064,457	8,527	8,061
13	26	98 784	54 035,999	1 072 361,670	19,845	19,379	63	76	68 613	3 687,253	30 069,469	8,155	7,689
14	27	98 749	51 567,752	1 018 325,670	19,747	19,281	64	77	66 086	3 390,419	26 382,216	7,781	7,315
15	28	98 708	49 208,745	966 757,919	19,646	19,180	65	78	63 348	3 102,585	22 991,796	7,411	6,945
16	29	98 666	46 957,082	917 549,174	19,540	19,074	66	79	60 394	2 823,740	19 889,211	7,044	6,578
17	30	98 612	44 803,263	870 592,092	19,431	18,965	67	80	57 238	2 554,854	17 065,471	6,680	6,214
18	31	98 550	42 745,019	825 788,829	19,319	18,853	68	81	53 867	2 295,347	14 510,618	6,322	5,856
19	32	98 473	40 774,735	783 043,810	19,204	18,738	69	82	50 321	2 047,016	12 215,271	5,967	5,501
20	33	98 390	38 892,947	742 269,075	19,085	18,619	70	83	46 550	1 807,761	10 168,254	5,625	5,159
21	34	98 301	37 095,766	703 376,128	18,961	18,495	71	84	42 638	1 580,730	8 360,494	5,289	4,823
22	35	98 206	35 379,446	666 280,362	18,832	18,366	72	85	38 568	1 365,025	6 779,764	4,967	4,501
23	36	98 115	33 743,753	630 900,916	18,697	18,231	73	86	34 418	1 162,884	5 414,739	4,656	4,190
24	37	98 017	32 181,466	597 157,163	18,556	18,090	74	87	30 244	975,535	4 251,855	4,358	3,892
25	38	97 910	30 688,585	564 975,697	18,410	17,944	75	88	26 056	802,321	3 276,320	4,084	3,618
26	39	97 802	29 264,582	534 287,112	18,257	17,791	76	89	22 013	647,106	2 473,998	3,823	3,357
27	40	97 680	27 902,845	505 022,530	18,099	17,633	77	90	18 111	508,267	1 826,892	3,594	3,128
28	41	97 550	26 601,900	477 119,685	17,936	17,470	78	91	14 592	390,939	1 318,624	3,373	2,907
29	42	97 413	25 360,006	450 517,785	17,765	17,299	79	92	11 366	290,686	927,686	3,191	2,725
30	43	97 262	24 172,574	425 157,780	17,588	17,122	80	93	8 673	211,752	637,000	3,008	2,542
31	44	97 100	23 038,063	400 985,206	17,405	16,939	81	94	6 428	149,829	425,248	2,838	2,372
32	45	96 922	21 952,995	377 947,143	17,216	16,750	82	95	4 613	102,659	275,419	2,683	2,217
33	46	96 728	20 915,527	355 994,148	17,021	16,555	83	96	3 203	68,044	172,760	2,539	2,073
34	47	96 518	19 923,734	335 078,621	16,818	16,352	84	97	2 148	43,565	104,716	2,404	1,938
35	48	96 284	18 974,109	315 154,886	16,610	16,144	85	98	1 386	26,825	61,151	2,280	1,814
36	49	96 033	18 066,487	296 180,777	16,394	15,928	86	99	858	15,860	34,325	2,164	1,698
37	50	95 751	17 196,593	278 114,290	16,173	15,707	87	100	509	8,972	18,465	2,058	1,592
38	51	95 449	16 365,086	260 917,697	15,944	15,478							
39	52	95 111	15 567,637	244 552,611	15,709	15,243							
40	53	94 741	14 803,891	228 984,974	15,468	15,002							
41	54	94 335	14 072,027	214 181,083	15,220	14,754							
42	55	93 905	13 372,706	200 109,056	14,964	14,498							
43	56	93 429	12 701,618	186 736,350	14,702	14,236							
44	57	92 911	12 058,368	174 034,733	14,433	13,967							
45	58	92 355	11 442,752	161 976,365	14,155	13,689							
46	59	91 744	10 851,579	150 533,613	13,872	13,406							
47	60	91 085	10 285,082	139 682,034	13,581	13,115							
48	61	90 333	9 737,586	129 396,952	13,288	12,822							
49	62	89 525	9 212,960	119 659,366	12,988	12,522							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß   4,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	14	99 547	99 547,108	2 057 907,730	20,673	20,207	50	64	88 045	8 649,714	107 748,476	12,457	11,991
1	15	99 151	94 655,207	1 958 360,622	20,689	20,223	51	65	87 048	8 164,003	99 098,761	12,139	11,672
2	16	99 106	90 322,036	1 863 705,414	20,634	20,168	52	66	85 960	7 696,344	90 934,759	11,815	11,349
3	17	99 072	86 196,747	1 773 383,379	20,574	20,108	53	67	84 798	7 248,028	83 238,415	11,484	11,018
4	18	99 043	82 263,418	1 687 186,632	20,510	20,044	54	68	83 559	6 818,324	75 990,387	11,145	10,679
5	19	99 007	78 504,731	1 604 923,215	20,444	19,978	55	69	82 236	6 406,013	69 172,063	10,798	10,332
6	20	98 976	74 921,277	1 526 418,483	20,374	19,908	56	70	80 812	6 009,631	62 766,050	10,444	9,978
7	21	98 943	71 500,459	1 451 497,207	20,301	19,835	57	71	79 292	5 629,206	56 756,419	10,082	9,616
8	22	98 915	68 238,286	1 379 996,748	20,223	19,757	58	72	77 641	5 262,065	51 127,213	9,716	9,250
9	23	98 884	65 123,910	1 311 758,462	20,143	19,676	59	73	75 844	4 907,185	45 865,148	9,347	8,881
10	24	98 854	62 151,704	1 246 634,552	20,058	19,592	60	74	73 899	4 564,506	40 957,963	8,973	8,507
11	25	98 825	59 316,074	1 184 482,847	19,969	19,503	61	75	71 770	4 232,001	36 393,457	8,600	8,134
12	26	98 795	56 609,046	1 125 166,773	19,876	19,410	62	76	69 446	3 909,264	32 161,456	8,227	7,761
13	27	98 760	54 023,211	1 068 557,764	19,780	19,314	63	77	66 933	3 596,942	28 252,192	7,855	7,388
14	28	98 723	51 553,898	1 014 534,553	19,679	19,213	64	78	64 254	3 296,424	24 655,250	7,479	7,013
15	29	98 683	49 196,301	962 980,655	19,574	19,108	65	79	61 317	3 003,091	21 358,825	7,112	6,646
16	30	98 637	46 943,609	913 784,354	19,466	19,000	66	80	58 201	2 721,221	18 355,735	6,745	6,279
17	31	98 584	44 790,582	866 840,745	19,353	18,887	67	81	54 848	2 448,149	15 634,513	6,386	5,920
18	32	98 521	42 732,109	822 050,163	19,237	18,771	68	82	51 303	2 186,110	13 186,364	6,032	5,566
19	33	98 438	40 760,281	779 318,054	19,120	18,654	69	83	47 546	1 934,135	11 000,254	5,687	5,221
20	34	98 354	38 878,727	738 557,773	18,996	18,530	70	84	43 631	1 694,393	9 066,119	5,351	4,885
21	35	98 259	37 080,008	699 679,046	18,869	18,403	71	85	39 554	1 466,418	7 371,726	5,027	4,561
22	36	98 167	35 365,374	662 599,038	18,736	18,270	72	86	35 377	1 252,063	5 905,307	4,716	4,250
23	37	98 069	33 727,718	627 233,664	18,597	18,131	73	87	31 175	1 053,314	4 653,245	4,418	3,952
24	38	97 965	32 164,291	593 505,946	18,452	17,986	74	88	26 969	869,893	3 599,931	4,138	3,672
25	39	97 856	30 671,500	561 341,655	18,302	17,836	75	89	22 869	704,208	2 730,038	3,877	3,411
26	40	97 737	29 245,222	530 670,155	18,146	17,680	76	90	18 898	555,530	2 025,830	3,647	3,181
27	41	97 611	27 883,139	501 424,932	17,983	17,517	77	91	15 308	429,590	1 470,300	3,423	2,957
28	42	97 471	26 580,578	473 541,793	17,815	17,349	78	92	11 999	321,474	1 040,710	3,237	2,771
29	43	97 326	25 337,433	446 961,215	17,640	17,174	79	93	9 215	235,681	719,236	3,052	2,586
30	44	97 163	24 147,823	421 623,782	17,460	16,994	80	94	6 875	167,866	483,555	2,881	2,415
31	45	96 991	23 012,187	397 475,959	17,272	16,806	81	95	4 976	115,985	315,689	2,722	2,256
32	46	96 799	21 925,132	374 463,772	17,079	16,613	82	96	3 483	77,502	199,704	2,577	2,111
33	47	96 592	20 886,055	352 538,640	16,879	16,413	83	97	2 355	50,033	122,203	2,442	1,976
34	48	96 360	19 891,157	331 652,585	16,673	16,207	84	98	1 536	31,159	72,170	2,316	1,850
35	49	96 113	18 940,555	311 761,429	16,460	15,994	85	99	963	18,638	41,011	2,200	1,734
36	50	95 835	18 029,312	292 820,874	16,241	15,775	86	100	578	10,691	22,372	2,093	1,627
37	51	95 540	17 158,709	274 791,561	16,015	15,549							
38	52	95 215	16 325,044	257 632,852	15,781	15,315							
39	53	94 850	15 524,898	241 307,808	15,543	15,077							
40	54	94 456	14 759,382	225 782,910	15,298	14,832							
41	55	94 034	14 027,120	211 023,528	15,044	14,578							
42	56	93 572	13 325,324	196 996,408	14,784	14,318							
43	57	93 077	12 653,705	183 671,084	14,515	14,049							
44	58	92 539	12 010,176	171 017,379	14,239	13,773							
45	59	91 948	11 392,263	159 007,203	13,957	13,491							
46	60	91 311	10 800,338	147 614,941	13,668	13,202							
47	61	90 594	10 229,652	136 814,603	13,374	12,908							
48	62	89 814	9 681,627	126 584,951	13,075	12,609							
49	63	88 961	9 154,848	116 903,324	12,770	12,304							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß   4,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	15	99 536	99 536,318	2 053 684,548	20,633	20,167	50	65	87 398	8 586,144	104 919,818	12,220	11,754
1	16	99 139	94 643,301	1 954 148,230	20,648	20,181	51	66	86 368	8 100,243	96 333,675	11,893	11,427
2	17	99 091	90 308,137	1 859 504,929	20,591	20,125	52	67	85 224	7 630,507	88 233,432	11,563	11,097
3	18	99 057	86 182,915	1 769 196,791	20,528	20,062	53	68	84 023	7 181,836	80 602,924	11,223	10,757
4	19	99 020	82 244,628	1 683 013,877	20,464	19,998	54	69	82 748	6 752,114	73 421,088	10,874	10,408
5	20	98 987	78 488,517	1 600 769,249	20,395	19,929	55	70	81 362	6 337,972	66 668,974	10,519	10,053
6	21	98 954	74 904,645	1 522 280,732	20,323	19,857	56	71	79 874	5 939,891	60 331,003	10,157	9,691
7	22	98 923	71 485,495	1 447 376,087	20,247	19,781	57	72	78 271	5 556,718	54 391,112	9,788	9,322
8	23	98 892	68 222,978	1 375 890,593	20,168	19,702	58	73	76 517	5 185,882	48 834,394	9,417	8,951
9	24	98 862	65 109,024	1 307 667,615	20,084	19,618	59	74	74 611	4 827,388	43 648,512	9,042	8,576
10	25	98 834	62 139,141	1 242 558,591	19,996	19,530	60	75	72 523	4 479,572	38 821,123	8,666	8,200
11	26	98 803	59 303,026	1 180 419,450	19,905	19,439	61	76	70 230	4 141,191	34 341,551	8,293	7,827
12	27	98 771	56 595,612	1 121 116,424	19,809	19,343	62	77	67 745	3 813,515	30 200,360	7,919	7,453
13	28	98 734	54 008,698	1 064 520,812	19,710	19,244	63	78	65 077	3 497,221	26 386,845	7,545	7,079
14	29	98 698	51 540,862	1 010 512,114	19,606	19,140	64	79	62 194	3 190,714	22 889,624	7,174	6,708
15	30	98 655	49 182,186	958 971,253	19,498	19,032	65	80	59 091	2 894,061	19 698,910	6,807	6,341
16	31	98 609	46 930,322	909 789,067	19,386	18,920	66	81	55 770	2 607,568	16 804,849	6,445	5,979
17	32	98 554	44 777,054	862 858,745	19,270	18,804	67	82	52 237	2 331,641	14 197,281	6,089	5,623
18	33	98 486	42 716,962	818 081,691	19,151	18,685	68	83	48 474	2 065,559	11 865,641	5,745	5,279
19	34	98 402	40 745,378	775 364,729	19,030	18,564	69	84	44 564	1 812,842	9 800,082	5,406	4,940
20	35	98 312	38 862,212	734 619,351	18,903	18,437	70	85	40 476	1 571,862	7 987,239	5,081	4,615
21	36	98 220	37 065,260	695 757,139	18,771	18,305	71	86	36 281	1 345,066	6 415,378	4,770	4,304
22	37	98 121	35 348,568	658 691,879	18,634	18,168	72	87	32 043	1 134,090	5 070,312	4,471	4,005
23	38	98 016	33 709,718	623 343,312	18,492	18,025	73	88	27 799	939,249	3 936,222	4,191	3,725
24	39	97 910	32 146,385	589 633,594	18,342	17,876	74	89	23 671	763,516	2 996,973	3,925	3,459
25	40	97 791	30 651,210	557 487,209	18,188	17,722	75	90	19 633	604,550	2 233,457	3,694	3,228
26	41	97 668	29 224,569	526 836,000	18,027	17,561	76	91	15 973	469,536	1 628,906	3,469	3,003
27	42	97 533	27 860,791	497 611,431	17,861	17,395	77	92	12 588	353,257	1 159,370	3,282	2,816
28	43	97 385	26 556,919	469 750,640	17,688	17,222	78	93	9 729	260,643	806,113	3,093	2,627
29	44	97 226	25 311,489	443 193,721	17,510	17,044	79	94	7 305	186,835	545,470	2,920	2,454
30	45	97 053	24 120,701	417 882,232	17,325	16,859	80	95	5 322	129,948	358,634	2,760	2,294
31	46	96 868	22 982,980	393 761,531	17,133	16,667	81	96	3 757	87,562	228,687	2,612	2,146
32	47	96 663	21 894,237	370 778,551	16,935	16,469	82	97	2 561	56,987	141,124	2,476	2,010
33	48	96 434	20 851,904	348 884,314	16,732	16,266	83	98	1 685	35,785	84,137	2,351	1,885
34	49	96 190	19 855,981	328 032,411	16,521	16,055	84	99	1 068	21,650	48,353	2,233	1,767
35	50	95 916	18 901,582	308 176,430	16,304	15,838	85	100	649	12,564	26,703	2,125	1,659
36	51	95 624	17 989,594	289 274,848	16,080	15,614							
37	52	95 306	17 116,725	271 285,254	15,849	15,383							
38	53	94 954	16 280,226	254 168,529	15,612	15,146							
39	54	94 565	15 478,222	237 888,304	15,369	14,903							
40	55	94 155	14 712,282	222 410,082	15,117	14,651							
41	56	93 701	13 977,419	207 697,800	14,860	14,394							
42	57	93 219	13 275,058	193 720,380	14,593	14,127							
43	58	92 705	12 603,133	180 445,322	14,317	13,851							
44	59	92 131	11 957,183	167 842,189	14,037	13,571							
45	60	91 514	11 338,468	155 885,006	13,748	13,282							
46	61	90 819	10 742,131	144 546,537	13,456	12,990							
47	62	90 074	10 170,865	133 804,406	13,156	12,690							
48	63	89 247	9 620,559	123 633,542	12,851	12,385							
49	64	88 361	9 093,164	114 012,982	12,538	12,072							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß   4,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	16	99 524	99 523,797	2 049 207,293	20,590	20,124	50	66	86 715	8 519,087	101 960,556	11,968	11,502
1	17	99 124	94 628,738	1 949 683,496	20,604	20,137	51	67	85 629	8 030,951	93 441,469	11,635	11,169
2	18	99 075	90 293,646	1 855 054,758	20,545	20,079	52	68	84 446	7 560,823	85 410,518	11,296	10,830
3	19	99 034	86 163,229	1 764 761,112	20,482	20,016	53	69	83 207	7 112,096	77 849,695	10,946	10,480
4	20	99 000	82 227,641	1 678 597,883	20,414	19,948	54	70	81 869	6 680,396	70 737,598	10,589	10,123
5	21	98 965	78 471,093	1 596 370,242	20,343	19,877	55	71	80 418	6 264,421	64 057,202	10,226	9,760
6	22	98 933	74 888,968	1 517 899,149	20,269	19,803	56	72	78 845	5 863,401	57 792,781	9,857	9,391
7	23	98 901	71 469,458	1 443 010,181	20,191	19,725	57	73	77 137	5 476,269	51 929,380	9,483	9,017
8	24	98 870	68 207,384	1 371 540,723	20,108	19,642	58	74	75 272	5 101,554	46 453,110	9,106	8,640
9	25	98 842	65 095,863	1 303 333,339	20,022	19,556	59	75	73 222	4 737,563	41 351,557	8,728	8,262
10	26	98 812	62 125,472	1 238 237,476	19,931	19,465	60	76	70 967	4 383,450	36 613,994	8,353	7,887
11	27	98 780	59 288,991	1 176 112,004	19,837	19,371	61	77	68 510	4 039,762	32 230,544	7,978	7,512
12	28	98 745	56 580,407	1 116 823,013	19,739	19,273	62	78	65 867	3 707,790	28 190,783	7,603	7,137
13	29	98 709	53 995,040	1 060 242,606	19,636	19,170	63	79	62 990	3 385,072	24 482,992	7,233	6,767
14	30	98 670	51 526,074	1 006 247,566	19,529	19,063	64	80	59 936	3 074,872	21 097,921	6,861	6,395
15	31	98 627	49 168,266	954 721,492	19,417	18,951	65	81	56 623	2 773,189	18 023,049	6,499	6,033
16	32	98 580	46 916,148	905 553,226	19,302	18,836	66	82	53 116	2 483,473	15 249,860	6,141	5,675
17	33	98 519	44 761,182	858 637,078	19,183	18,717	67	83	49 357	2 203,064	12 766,387	5,795	5,329
18	34	98 450	42 701,343	813 875,896	19,060	18,594	68	84	45 434	1 936,024	10 563,323	5,456	4,990
19	35	98 360	40 728,070	771 174,553	18,935	18,469	69	85	41 342	1 681,745	8 627,299	5,130	4,664
20	36	98 273	38 846,754	730 446,483	18,803	18,337	70	86	37 126	1 441,783	6 945,554	4,817	4,351
21	37	98 174	37 047,646	691 599,729	18,668	18,202	71	87	32 863	1 218,330	5 503,771	4,517	4,051
22	38	98 068	35 329,703	654 552,083	18,527	18,061	72	88	28 573	1 011,278	4 285,441	4,238	3,772
23	39	97 962	33 690,951	619 222,380	18,379	17,913	73	89	24 399	824,391	3 274,163	3,972	3,506
24	40	97 846	32 125,118	585 531,429	18,227	17,761	74	90	20 321	655,466	2 449,772	3,737	3,271
25	41	97 722	30 629,563	553 406,311	18,068	17,602	75	91	16 594	510,969	1 794,307	3,512	3,046
26	42	97 590	29 201,145	522 776,748	17,903	17,437	76	92	13 134	386,106	1 283,338	3,324	2,858
27	43	97 446	27 835,992	493 575,603	17,732	17,266	77	93	10 206	286,412	897,232	3,133	2,667
28	44	97 285	26 529,727	465 739,611	17,555	17,089	78	94	7 713	206,624	610,820	2,956	2,490
29	45	97 117	25 283,060	439 209,884	17,372	16,906	79	95	5 655	144,633	404,196	2,795	2,329
30	46	96 930	24 090,086	413 926,824	17,182	16,716	80	96	4 018	98,104	259,563	2,646	2,180
31	47	96 732	22 950,594	389 836,738	16,986	16,520	81	97	2 762	64,384	161,460	2,508	2,042
32	48	96 505	21 858,437	366 886,143	16,785	16,319	82	98	1 832	40,759	97,076	2,382	1,916
33	49	96 263	20 815,028	345 027,706	16,576	16,110	83	99	1 170	24,864	56,317	2,265	1,799
34	50	95 992	19 815,124	324 212,678	16,362	15,896	84	100	720	14,594	31,453	2,155	1,689
35	51	95 704	18 859,942	304 397,554	16,140	15,674							
36	52	95 390	17 945,577	285 537,612	15,911	15,445							
37	53	95 044	17 069,733	267 592,035	15,676	15,210							
38	54	94 669	16 231,278	250 522,301	15,435	14,969							
39	55	94 263	15 428,827	234 291,023	15,185	14,719							
40	56	93 821	14 660,154	218 862,196	14,929	14,463							
41	57	93 347	13 924,694	204 202,042	14,665	14,199							
42	58	92 847	13 222,004	190 277,348	14,391	13,925							
43	59	92 296	12 547,524	177 055,344	14,111	13,645							
44	60	91 696	11 900,721	164 507,820	13,823	13,357							
45	61	91 020	11 277,361	152 607,099	13,532	13,066							
46	62	90 297	10 680,399	141 329,738	13,233	12,767							
47	63	89 505	10 106,711	130 649,339	12,927	12,461							
48	64	88 646	9 555,737	120 542,628	12,615	12,149							
49	65	87 712	9 026,335	110 986,891	12,296	11,830							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß   4,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	17	99 508	99 508,483	2 044 466,857	20,546	20,080	50	67	85 973	8 446,213	98 869,451	11,706	11,240
1	18	99 108	94 613,552	1 944 958,373	20,557	20,091	51	68	84 847	7 957,610	90 423,238	11,363	10,897
2	19	99 053	90 273,021	1 850 344,821	20,497	20,031	52	69	83 626	7 487,403	82 465,628	11,014	10,548
3	20	99 013	86 145,433	1 760 071,799	20,431	19,965	53	70	82 323	7 036,555	74 978,225	10,656	10,190
4	21	98 978	82 209,387	1 673 926,366	20,362	19,896	54	71	80 919	6 602,872	67 941,670	10,290	9,824
5	22	98 944	78 454,670	1 591 716,979	20,288	19,822	55	72	79 382	6 183,753	61 338,798	9,919	9,453
6	23	98 911	74 872,168	1 513 262,309	20,211	19,745	56	73	77 704	5 778,513	55 155,045	9,545	9,079
7	24	98 878	71 453,122	1 438 390,141	20,131	19,665	57	74	75 883	5 387,218	49 376,532	9,165	8,699
8	25	98 850	68 193,596	1 366 937,019	20,045	19,579	58	75	73 872	5 006,626	43 989,314	8,786	8,320
9	26	98 820	65 081,543	1 298 743,422	19,956	19,490	59	76	71 651	4 635,904	38 982,688	8,409	7,943
10	27	98 789	62 110,769	1 233 661,879	19,862	19,396	60	77	69 229	4 276,087	34 346,783	8,032	7,566
11	28	98 753	59 273,063	1 171 551,110	19,765	19,299	61	78	66 610	3 927,764	30 070,697	7,656	7,190
12	29	98 720	56 566,100	1 112 278,047	19,663	19,197	62	79	63 754	3 588,888	26 142,932	7,284	6,818
13	30	98 681	53 979,548	1 055 711,948	19,558	19,092	63	80	60 703	3 262,173	22 554,044	6,914	6,448
14	31	98 642	51 511,490	1 001 732,400	19,447	18,981	64	81	57 432	2 946,448	19 291,871	6,548	6,081
15	32	98 597	49 153,416	950 220,910	19,332	18,866	65	82	53 928	2 641,212	16 345,423	6,189	5,723
16	33	98 545	46 899,518	901 067,494	19,213	18,747	66	83	50 187	2 346,523	13 704,211	5,840	5,374
17	34	98 483	44 744,816	854 167,976	19,090	18,624	67	84	46 262	2 064,906	11 357,687	5,500	5,034
18	35	98 408	42 683,204	809 423,161	18,964	18,497	68	85	42 149	1 796,019	9 292,781	5,174	4,708
19	36	98 321	40 711,870	766 739,956	18,833	18,367	69	86	37 920	1 542,573	7 496,762	4,860	4,394
20	37	98 227	38 828,294	726 028,086	18,698	18,232	70	87	33 628	1 305,934	5 954,189	4,559	4,093
21	38	98 121	37 027,874	687 199,792	18,559	18,093	71	88	29 304	1 086,395	4 648,254	4,279	3,813
22	39	98 014	35 310,034	650 171,918	18,413	17,947	72	89	25 079	887,611	3 561,859	4,013	3,547
23	40	97 897	33 668,663	614 861,884	18,262	17,796	73	90	20 946	707,726	2 674,248	3,779	3,313
24	41	97 777	32 102,431	581 193,221	18,104	17,638	74	91	17 176	554,002	1 966,522	3,550	3,084
25	42	97 644	30 605,014	549 090,791	17,941	17,475	75	92	13 645	420,176	1 412,520	3,362	2,896
26	43	97 503	29 175,154	518 485,777	17,771	17,305	76	93	10 649	313,045	992,343	3,170	2,704
27	44	97 347	27 807,490	489 310,623	17,596	17,130	77	94	8 091	227,052	679,299	2,992	2,526
28	45	97 176	26 499,930	461 503,134	17,415	16,949	78	95	5 970	159,951	452,246	2,827	2,361
29	46	96 994	25 250,970	435 003,204	17,227	16,761	79	96	4 269	109,190	292,295	2,677	2,211
30	47	96 794	24 056,141	409 752,234	17,033	16,567	80	97	2 954	72,135	183,105	2,538	2,072
31	48	96 574	22 913,067	385 696,093	16,833	16,367	81	98	1 976	46,049	110,970	2,410	1,944
32	49	96 334	21 819,782	362 783,026	16,626	16,160	82	99	1 273	28,319	64,921	2,292	1,826
33	50	96 065	20 772,198	340 963,244	16,414	15,948	83	100	789	16,760	36,601	2,184	1,718
34	51	95 780	19 771,471	320 191,045	16,195	15,729							
35	52	95 470	18 813,795	300 419,574	15,968	15,502							
36	53	95 128	17 896,310	281 605,779	15,735	15,269							
37	54	94 759	17 018,413	263 709,469	15,496	15,030							
38	55	94 366	16 179,481	246 691,056	15,247	14,781							
39	56	93 929	15 374,161	230 511,575	14,993	14,527							
40	57	93 467	14 604,853	215 137,415	14,731	14,265							
41	58	92 974	13 869,043	200 532,562	14,459	13,993							
42	59	92 437	13 163,664	186 663,519	14,180	13,714							
43	60	91 860	12 488,275	173 499,855	13,893	13,427							
44	61	91 202	11 836,584	161 011,581	13,603	13,137							
45	62	90 497	11 212,554	149 174,997	13,304	12,838							
46	63	89 727	10 613,031	137 962,443	12,999	12,533							
47	64	88 902	10 038,613	127 349,412	12,686	12,220							
48	65	87 994	9 485,508	117 310,799	12,367	11,901							
49	66	87 027	8 955,840	107 825,291	12,040	11,574							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß   4,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	18	99 493	99 492,515	2 039 454,890	20,499	20,033	50	68	85 188	8 369,079	95 647,736	11,429	10,963
1	19	99 085	94 591,942	1 939 962,375	20,509	20,043	51	69	84 023	7 880,337	87 278,656	11,075	10,609
2	20	99 032	90 254,376	1 845 370,433	20,446	19,980	52	70	82 738	7 407,875	79 398,320	10,718	10,252
3	21	98 992	86 126,310	1 755 116,057	20,378	19,912	53	71	81 368	6 954,898	71 990,444	10,351	9,885
4	22	98 957	82 192,182	1 668 989,747	20,306	19,840	54	72	79 877	6 517,846	65 035,547	9,978	9,512
5	23	98 922	78 437,070	1 586 797,565	20,230	19,764	55	73	78 233	6 094,226	58 517,701	9,602	9,136
6	24	98 888	74 855,054	1 508 360,495	20,150	19,684	56	74	76 440	5 684,547	52 423,475	9,222	8,756
7	25	98 858	71 438,678	1 433 505,441	20,066	19,600	57	75	74 471	5 286,976	46 738,927	8,840	8,374
8	26	98 828	68 178,595	1 362 066,763	19,978	19,512	58	76	72 287	4 899,194	41 451,952	8,461	7,995
9	27	98 796	65 066,140	1 293 888,168	19,886	19,420	59	77	69 896	4 522,358	36 552,757	8,083	7,617
10	28	98 762	62 094,083	1 228 822,027	19,790	19,324	60	78	67 310	4 157,538	32 030,399	7,704	7,238
11	29	98 728	59 258,075	1 166 727,944	19,689	19,223	61	79	64 474	3 801,808	27 872,862	7,331	6,865
12	30	98 692	56 549,810	1 107 469,870	19,584	19,118	62	80	61 440	3 458,590	24 071,054	6,960	6,494
13	31	98 653	53 964,270	1 050 920,000	19,474	19,008	63	81	58 168	3 125,927	20 612,464	6,594	6,128
14	32	98 612	51 495,932	996 955,730	19,360	18,894	64	82	54 699	2 806,226	17 486,537	6,231	5,765
15	33	98 562	49 135,992	945 459,798	19,242	18,776	65	83	50 954	2 495,564	14 680,311	5,883	5,417
16	34	98 509	46 882,369	896 323,805	19,119	18,653	66	84	47 040	2 199,369	12 184,747	5,540	5,074
17	35	98 441	44 725,809	849 441,436	18,992	18,526	67	85	42 916	1 915,581	9 985,378	5,213	4,747
18	36	98 369	42 666,227	804 715,627	18,861	18,395	68	86	38 661	1 647,390	8 069,797	4,899	4,433
19	37	98 275	40 692,524	762 049,400	18,727	18,261	69	87	34 348	1 397,228	6 422,406	4,597	4,131
20	38	98 174	38 807,572	721 356,876	18,588	18,122	70	88	29 987	1 164,513	5 025,179	4,315	3,849
21	39	98 067	37 007,260	682 549,305	18,444	17,978	71	89	25 720	953,543	3 860,666	4,049	3,583
22	40	97 949	35 286,675	645 542,045	18,294	17,828	72	90	21 530	761,999	2 907,123	3,815	3,349
23	41	97 828	33 644,885	610 255,370	18,138	17,672	73	91	17 704	598,173	2 145,124	3,586	3,120
24	42	97 698	32 076,701	576 610,485	17,976	17,510	74	92	14 124	455,564	1 546,951	3,396	2,930
25	43	97 557	30 577,772	544 533,784	17,808	17,342	75	93	11 063	340,668	1 091,387	3,204	2,738
26	44	97 403	29 145,280	513 956,011	17,634	17,168	76	94	8 442	248,165	750,719	3,025	2,559
27	45	97 237	27 776,258	484 810,731	17,454	16,988	77	95	6 263	175,765	502,554	2,859	2,393
28	46	97 052	26 466,295	457 034,474	17,269	16,803	78	96	4 507	120,755	326,789	2,706	2,240
29	47	96 857	25 215,389	430 568,178	17,076	16,610	79	97	3 139	80,287	206,034	2,566	2,100
30	48	96 635	24 016,806	405 352,790	16,878	16,412	80	98	2 113	51,593	125,747	2,437	1,971
31	49	96 403	22 872,547	381 335,984	16,672	16,206	81	99	1 373	31,996	74,154	2,318	1,852
32	50	96 136	21 774,885	358 463,437	16,462	15,996	82	100	858	19,090	42,159	2,208	1,742
33	51	95 853	20 726,437	336 688,552	16,244	15,778							
34	52	95 546	19 723,095	315 962,115	16,020	15,554							
35	53	95 208	18 762,145	296 239,020	15,789	15,323							
36	54	94 842	17 842,504	277 476,876	15,551	15,085							
37	55	94 456	16 964,103	259 634,372	15,305	14,839							
38	56	94 032	16 122,154	242 670,269	15,052	14,586							
39	57	93 574	15 316,166	226 548,115	14,791	14,325							
40	58	93 093	14 546,483	211 231,948	14,521	14,055							
41	59	92 564	13 807,848	196 685,465	14,244	13,778							
42	60	92 001	13 101,505	182 877,617	13,959	13,493							
43	61	91 365	12 420,971	169 776,112	13,669	13,202							
44	62	90 678	11 768,563	157 355,141	13,371	12,905							
45	63	89 927	11 141,829	145 586,578	13,067	12,601							
46	64	89 123	10 541,522	134 444,750	12,754	12,288							
47	65	88 249	9 964,835	123 903,228	12,434	11,968							
48	66	87 307	9 411,427	113 938,393	12,106	11,640							
49	67	86 283	8 879,230	104 526,965	11,772	11,306							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß   4,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	19	99 470	99 469,790	2 034 160,440	20,450	19,984	50	69	84 361	8 287,810	92 295,131	11,136	10,670
1	20	99 065	94 572,405	1 934 690,651	20,457	19,991	51	70	83 131	7 796,636	84 007,320	10,775	10,309
2	21	99 010	90 234,341	1 840 118,246	20,393	19,927	52	71	81 778	7 321,909	76 210,685	10,409	9,943
3	22	98 971	86 108,284	1 749 883,905	20,322	19,856	53	72	80 320	6 865,338	68 888,776	10,034	9,568
4	23	98 935	82 173,744	1 663 775,621	20,247	19,781	54	73	78 721	6 423,482	62 023,438	9,656	9,190
5	24	98 899	78 419,141	1 581 601,877	20,169	19,703	55	74	76 961	5 995,127	55 599,956	9,274	8,808
6	25	98 868	74 839,923	1 503 182,736	20,085	19,619	56	75	75 018	5 578,772	49 604,829	8,892	8,426
7	26	98 836	71 422,963	1 428 342,813	19,998	19,532	57	76	72 873	5 173,528	44 026,057	8,510	8,044
8	27	98 805	68 162,460	1 356 919,850	19,907	19,441	58	77	70 516	4 779,199	38 852,529	8,130	7,663
9	28	98 770	65 048,660	1 288 757,390	19,812	19,346	59	78	67 958	4 396,981	34 073,329	7,749	7,283
10	29	98 737	62 078,381	1 223 708,730	19,712	19,246	60	79	65 151	4 024,213	29 676,348	7,374	6,908
11	30	98 700	59 241,072	1 161 630,349	19,609	19,143	61	80	62 133	3 663,780	25 652,135	7,002	6,536
12	31	98 664	56 533,864	1 102 389,276	19,500	19,034	62	81	58 874	3 314,140	21 988,355	6,635	6,169
13	32	98 623	53 947,972	1 045 855,412	19,386	18,920	63	82	55 400	2 977,163	18 674,215	6,272	5,806
14	33	98 577	51 477,678	991 907,440	19,269	18,803	64	83	51 683	2 651,478	15 697,052	5,920	5,454
15	34	98 526	49 118,026	940 429,762	19,146	18,680	65	84	47 759	2 339,063	13 045,574	5,577	5,111
16	35	98 467	46 862,455	891 311,736	19,020	18,554	66	85	43 638	2 040,320	10 706,511	5,247	4,781
17	36	98 402	44 708,019	844 449,281	18,888	18,422	67	86	39 365	1 757,058	8 666,191	4,932	4,466
18	37	98 322	42 645,951	799 741,262	18,753	18,287	68	87	35 018	1 492,169	6 909,133	4,630	4,164
19	38	98 222	40 670,807	757 095,310	18,615	18,149	69	88	30 628	1 245,920	5 416,964	4,348	3,882
20	39	98 119	38 785,967	716 424,504	18,471	18,005	70	89	26 320	1 022,108	4 171,044	4,081	3,615
21	40	98 002	36 982,778	677 638,537	18,323	17,857	71	90	22 080	818,600	3 148,937	3,847	3,381
22	41	97 880	35 261,755	640 655,759	18,169	17,703	72	91	18 197	644,045	2 330,336	3,618	3,152
23	42	97 749	33 617,919	605 394,004	18,008	17,542	73	92	14 558	491,886	1 686,291	3,428	2,962
24	43	97 611	32 048,150	571 776,085	17,841	17,375	74	93	11 451	369,359	1 194,405	3,234	2,768
25	44	97 457	30 546,463	539 727,936	17,669	17,203	75	94	8 770	270,064	825,046	3,055	2,589
26	45	97 294	29 112,545	509 181,473	17,490	17,024	76	95	6 535	192,109	554,982	2,889	2,423
27	46	97 114	27 741,003	480 068,928	17,305	16,839	77	96	4 728	132,693	362,873	2,735	2,269
28	47	96 916	26 429,001	452 327,924	17,115	16,649	78	97	3 314	88,790	230,180	2,592	2,126
29	48	96 699	25 174,159	425 898,923	16,918	16,452	79	98	2 245	57,423	141,390	2,462	1,996
30	49	96 464	23 974,334	400 724,765	16,715	16,249	80	99	1 468	35,847	83,966	2,342	1,876
31	50	96 204	22 825,483	376 750,430	16,506	16,040	81	100	925	21,568	48,119	2,231	1,765
32	51	95 924	21 726,915	353 924,947	16,290	15,824							
33	52	95 619	20 675,724	332 198,033	16,067	15,601							
34	53	95 284	19 668,947	311 522,309	15,838	15,372							
35	54	94 922	18 705,735	291 853,361	15,602	15,136							
36	55	94 539	17 785,564	273 147,626	15,358	14,892							
37	56	94 121	16 903,996	255 362,061	15,107	14,641							
38	57	93 677	16 061,338	238 458,065	14,847	14,381							
39	58	93 200	15 254,954	222 396,727	14,579	14,113							
40	59	92 683	14 482,300	207 141,773	14,303	13,837							
41	60	92 127	13 742,647	192 659,473	14,019	13,553							
42	61	91 505	13 030,896	178 916,826	13,730	13,264							
43	62	90 840	12 349,591	165 885,929	13,433	12,966							
44	63	90 106	11 694,331	153 536,338	13,129	12,663							
45	64	89 321	11 066,757	141 842,008	12,817	12,351							
46	65	88 468	10 464,048	130 775,251	12,498	12,032							
47	66	87 560	9 887,011	120 311,203	12,169	11,703							
48	67	86 560	9 330,920	110 424,192	11,834	11,368							
49	68	85 495	8 798,142	101 093,272	11,490	11,024							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß   4,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$
0	20	99 449	99 449,245	2 028 578,494	20,398	19,932	50	70	83 465	8 199,781	88 811,255	10,831	10,365
1	21	99 043	94 551,411	1 929 129,249	20,403	19,937	51	71	82 166	7 706,158	80 611,474	10,461	9,995
2	22	98 989	90 215,456	1 834 577,838	20,336	19,870	52	72	80 724	7 227,623	72 905,316	10,087	9,621
3	23	98 949	86 088,968	1 744 362,382	20,262	19,796	53	73	79 157	6 765,944	65 677,693	9,707	9,241
4	24	98 912	82 154,960	1 658 273,415	20,185	19,719	54	74	77 440	6 319,029	58 911,749	9,323	8,857
5	25	98 879	78 403,290	1 576 118,454	20,103	19,637	55	75	75 529	5 883,572	52 592,720	8,939	8,473
6	26	98 847	74 823,460	1 497 715,165	20,017	19,551	56	76	73 408	5 459,063	46 709,148	8,556	8,090
7	27	98 813	71 406,060	1 422 891,705	19,927	19,461	57	77	71 088	5 046,814	41 250,085	8,173	7,707
8	28	98 778	68 144,148	1 351 485,645	19,833	19,367	58	78	68 561	4 646,702	36 203,271	7,791	7,325
9	29	98 745	65 032,211	1 283 341,497	19,734	19,268	59	79	65 779	4 255,978	31 556,569	7,415	6,949
10	30	98 709	62 060,570	1 218 309,286	19,631	19,165	60	80	62 786	3 878,110	27 300,591	7,040	6,574
11	31	98 672	59 224,305	1 156 248,716	19,523	19,057	61	81	59 538	3 510,760	23 422,481	6,672	6,206
12	32	98 634	56 516,790	1 097 024,411	19,411	18,945	62	82	56 072	3 156,419	19 911,721	6,308	5,842
13	33	98 588	53 928,849	1 040 507,621	19,294	18,828	63	83	52 345	2 812,989	16 755,302	5,956	5,490
14	34	98 541	51 458,856	986 578,773	19,172	18,706	64	84	48 442	2 485,200	13 942,313	5,610	5,144
15	35	98 484	49 097,162	935 119,917	19,046	18,580	65	85	44 305	2 169,912	11 457,113	5,280	4,814
16	36	98 428	46 843,815	886 022,754	18,914	18,448	66	86	40 027	1 871,474	9 287,201	4,963	4,496
17	37	98 355	44 686,773	839 178,939	18,779	18,313	67	87	35 656	1 591,503	7 415,727	4,660	4,194
18	38	98 269	42 623,192	794 492,166	18,640	18,174	68	88	31 226	1 330,580	5 824,223	4,377	3,911
19	39	98 167	40 648,165	751 868,974	18,497	18,031	69	89	26 883	1 093,560	4 493,644	4,109	3,643
20	40	98 055	38 760,308	711 220,809	18,349	17,883	70	90	22 595	877,462	3 400,084	3,875	3,409
21	41	97 933	36 956,660	672 460,501	18,196	17,730	71	91	18 663	691,885	2 522,622	3,646	3,180
22	42	97 801	35 233,492	635 503,842	18,037	17,571	72	92	14 964	529,607	1 830,737	3,457	2,991
23	43	97 662	33 587,996	600 270,349	17,872	17,406	73	93	11 803	398,808	1 301,130	3,263	2,797
24	44	97 511	32 015,334	566 682,353	17,700	17,234	74	94	9 078	292,809	902,322	3,082	2,616
25	45	97 347	30 512,154	534 667,019	17,523	17,057	75	95	6 789	209,061	609,514	2,915	2,449
26	46	97 170	29 075,595	504 154,865	17,339	16,873	76	96	4 934	145,032	400,453	2,761	2,295
27	47	96 977	27 701,913	475 079,270	17,150	16,684	77	97	3 477	97,569	255,421	2,618	2,152
28	48	96 757	26 385,787	447 377,357	16,955	16,489	78	98	2 370	63,505	157,852	2,486	2,020
29	49	96 528	25 129,640	420 991,570	16,753	16,287	79	99	1 560	39,898	94,347	2,365	1,899
30	50	96 266	23 925,003	395 861,930	16,546	16,080	80	100	990	24,165	54,448	2,253	1,787
31	51	95 992	22 775,199	371 936,927	16,331	15,865							
32	52	95 689	21 673,753	349 161,728	16,110	15,644							
33	53	95 356	20 618,961	327 487,975	15,883	15,417							
34	54	94 997	19 609,812	306 869,013	15,649	15,183							
35	55	94 619	18 646,041	287 259,201	15,406	14,940							
36	56	94 204	17 722,547	268 613,160	15,157	14,691							
37	57	93 766	16 840,231	250 890,613	14,898	14,432							
38	58	93 303	15 997,148	234 050,382	14,631	14,165							
39	59	92 789	15 187,644	218 053,234	14,357	13,891							
40	60	92 245	14 413,914	202 865,590	14,074	13,608							
41	61	91 630	13 668,583	188 451,675	13,787	13,321							
42	62	90 979	12 956,012	174 783,092	13,491	13,024							
43	63	90 267	12 271,694	161 827,080	13,187	12,721							
44	64	89 499	11 615,536	149 555,386	12,875	12,409							
45	65	88 664	10 985,422	137 939,850	12,557	12,091							
46	66	87 777	10 382,325	126 954,428	12,228	11,762							
47	67	86 811	9 802,435	116 572,103	11,892	11,426							
48	68	85 770	9 245,707	106 769,668	11,548	11,082							
49	69	84 664	8 712,706	97 523,961	11,193	10,727							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß   4,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	21	99 427	99 427,169	2 022 694,440	20,343	19,877	50	71	82 496	8 104,625	85 198,492	10,512	10,046
1	22	99 022	94 531,622	1 923 267,272	20,345	19,879	51	72	81 108	7 606,924	77 093,867	10,135	9,669
2	23	98 967	90 195,218	1 828 735,650	20,275	19,809	52	73	79 556	7 122,984	69 486,943	9,755	9,289
3	24	98 926	86 069,289	1 738 540,432	20,199	19,733	53	74	77 870	6 655,921	62 363,960	9,370	8,904
4	25	98 892	82 138,354	1 652 471,142	20,118	19,652	54	75	76 000	6 201,447	55 708,038	8,983	8,517
5	26	98 857	78 386,043	1 570 332,789	20,033	19,567	55	76	73 908	5 757,323	49 506,591	8,599	8,133
6	27	98 823	74 805,751	1 491 946,746	19,944	19,478	56	77	71 610	5 325,355	43 749,268	8,215	7,749
7	28	98 786	71 386,877	1 417 140,995	19,852	19,386	57	78	69 117	4 906,897	38 423,913	7,831	7,365
8	29	98 753	68 126,916	1 345 754,118	19,754	19,288	58	79	66 363	4 497,691	33 517,016	7,452	6,986
9	30	98 717	65 013,552	1 277 627,202	19,652	19,186	59	80	63 391	4 101,461	29 019,325	7,075	6,609
10	31	98 681	62 043,004	1 212 613,649	19,545	19,079	60	81	60 164	3 716,139	24 917,864	6,705	6,239
11	32	98 642	59 206,418	1 150 570,645	19,433	18,967	61	82	56 705	3 343,682	21 201,726	6,341	5,875
12	33	98 599	56 496,756	1 091 364,227	19,317	18,851	62	83	52 980	2 982,360	17 858,044	5,988	5,522
13	34	98 552	53 909,130	1 034 867,471	19,197	18,731	63	84	49 062	2 636,582	14 875,684	5,642	5,176
14	35	98 499	51 436,998	980 958,341	19,071	18,605	64	85	44 939	2 305,481	12 239,101	5,309	4,843
15	36	98 445	49 077,634	929 521,343	18,940	18,474	65	86	40 639	1 990,342	9 933,621	4,991	4,525
16	37	98 381	46 821,554	880 443,709	18,804	18,338	66	87	36 255	1 695,139	7 943,279	4,686	4,220
17	38	98 303	44 662,925	833 622,155	18,665	18,199	67	88	31 794	1 419,157	6 248,140	4,403	3,937
18	39	98 215	42 599,463	788 959,230	18,520	18,054	68	89	27 407	1 167,867	4 828,983	4,135	3,669
19	40	98 103	40 621,274	746 359,767	18,374	17,908	69	90	23 078	938,803	3 661,116	3,900	3,434
20	41	97 985	38 732,935	705 738,494	18,221	17,755	70	91	19 097	741,635	2 722,314	3,671	3,205
21	42	97 854	36 927,039	667 005,559	18,063	17,597	71	92	15 346	568,946	1 980,679	3,481	3,015
22	43	97 714	35 202,132	630 078,520	17,899	17,433	72	93	12 132	429,392	1 411,733	3,288	2,822
23	44	97 562	33 553,604	594 876,388	17,729	17,263	73	94	9 357	316,154	982,341	3,107	2,641
24	45	97 402	31 979,376	561 322,784	17,553	17,087	74	95	7 027	226,668	666,187	2,939	2,473
25	46	97 224	30 473,427	529 343,408	17,371	16,905	75	96	5 126	157,830	439,519	2,785	2,319
26	47	97 033	29 034,624	498 869,981	17,182	16,716	76	97	3 628	106,641	281,689	2,641	2,175
27	48	96 818	27 656,617	469 835,357	16,988	16,522	77	98	2 487	69,784	175,048	2,508	2,042
28	49	96 586	26 339,125	442 178,740	16,788	16,322	78	99	1 647	44,124	105,264	2,386	1,920
29	50	96 329	25 077,932	415 839,614	16,582	16,116	79	100	1 052	26,895	61,140	2,273	1,807
30	51	96 054	23 872,296	390 761,683	16,369	15,903							
31	52	95 758	22 719,473	366 889,386	16,149	15,683							
32	53	95 427	21 614,251	344 169,913	15,923	15,457							
33	54	95 070	20 556,970	322 555,663	15,691	15,225							
34	55	94 694	19 547,233	301 998,693	15,450	14,984							
35	56	94 284	18 579,975	282 451,460	15,202	14,736							
36	57	93 849	17 655,694	263 871,485	14,945	14,479							
37	58	93 392	16 772,928	246 215,791	14,679	14,213							
38	59	92 891	15 926,564	229 442,863	14,406	13,940							
39	60	92 351	15 115,928	213 516,299	14,125	13,659							
40	61	91 748	14 336,232	198 400,371	13,839	13,373							
41	62	91 104	13 590,034	184 064,139	13,544	13,078							
42	63	90 405	12 874,290	170 474,105	13,241	12,775							
43	64	89 659	12 189,009	157 599,815	12,930	12,464							
44	65	88 841	11 530,168	145 410,806	12,611	12,145							
45	66	87 972	10 899,628	133 880,637	12,283	11,817							
46	67	87 026	10 293,512	122 981,010	11,947	11,481							
47	68	86 018	9 712,916	112 687,498	11,602	11,136							
48	69	84 937	9 155,925	102 974,582	11,247	10,781							
49	70	83 765	8 620,164	93 818,656	10,884	10,418							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß   4,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	22	99 406	99 406,360	2 016 496,888	20,285	19,819	50	72	81 434	8 000,260	81 459,757	10,182	9,716
1	23	99 000	94 510,416	1 917 090,529	20,284	19,818	51	73	79 934	7 496,793	73 459,497	9,799	9,333
2	24	98 945	90 174,601	1 822 580,113	20,212	19,746	52	74	78 262	7 007,156	65 962,704	9,414	8,948
3	25	98 906	86 051,892	1 732 405,512	20,132	19,666	53	75	76 421	6 532,071	58 955,548	9,026	8,560
4	26	98 870	82 120,285	1 646 353,621	20,048	19,582	54	76	74 369	6 068,377	52 423,477	8,639	8,173
5	27	98 834	78 367,491	1 564 233,336	19,960	19,494	55	77	72 098	5 616,310	46 355,101	8,254	7,788
6	28	98 797	74 785,655	1 485 865,844	19,868	19,402	56	78	69 625	5 177,716	40 738,791	7,868	7,402
7	29	98 761	71 368,825	1 411 080,189	19,772	19,306	57	79	66 901	4 749,542	35 561,074	7,487	7,021
8	30	98 725	68 107,369	1 339 711,364	19,671	19,205	58	80	63 953	4 334,398	30 811,532	7,109	6,643
9	31	98 689	64 995,152	1 271 603,995	19,565	19,099	59	81	60 743	3 930,161	26 477,135	6,737	6,271
10	32	98 651	62 024,266	1 206 608,844	19,454	18,988	60	82	57 300	3 539,286	22 546,974	6,370	5,904
11	33	98 607	59 185,431	1 144 584,578	19,339	18,873	61	83	53 578	3 159,297	19 007,688	6,016	5,550
12	34	98 563	56 476,099	1 085 399,147	19,219	18,753	62	84	49 657	2 795,332	15 848,391	5,670	5,204
13	35	98 510	53 886,231	1 028 923,048	19,094	18,628	63	85	45 514	2 445,916	13 053,059	5,337	4,871
14	36	98 460	51 416,538	975 036,817	18,963	18,497	64	86	41 220	2 114,692	10 607,143	5,016	4,550
15	37	98 398	49 054,311	923 620,279	18,829	18,363	65	87	36 810	1 802,806	8 492,451	4,711	4,245
16	38	98 328	46 796,566	874 565,967	18,689	18,223	66	88	32 329	1 511,570	6 689,645	4,426	3,960
17	39	98 248	44 638,060	827 769,401	18,544	18,078	67	89	27 906	1 245,612	5 178,075	4,157	3,691
18	40	98 150	42 571,281	783 131,341	18,396	17,930	68	90	23 529	1 002,594	3 932,463	3,922	3,456
19	41	98 033	40 592,586	740 560,059	18,244	17,778	69	91	19 506	793,480	2 929,869	3,692	3,226
20	42	97 907	38 701,890	699 967,473	18,086	17,620	70	92	15 704	609,856	2 136,389	3,503	3,037
21	43	97 767	36 894,171	661 265,583	17,923	17,457	71	93	12 442	461,287	1 526,533	3,309	2,843
22	44	97 614	35 166,087	624 371,412	17,755	17,289	72	94	9 618	340,399	1 065,246	3,129	2,663
23	45	97 453	33 515,918	589 205,326	17,580	17,114	73	95	7 244	244,740	724,847	2,962	2,496
24	46	97 278	31 938,241	555 689,408	17,399	16,933	74	96	5 305	171,122	480,107	2,806	2,340
25	47	97 087	30 430,487	523 750,621	17,211	16,745	75	97	3 769	116,052	308,985	2,662	2,196
26	48	96 875	28 987,149	493 320,134	17,019	16,553	76	98	2 595	76,273	192,933	2,530	2,063
27	49	96 647	27 607,708	464 332,985	16,819	16,353	77	99	1 728	48,486	116,660	2,406	1,940
28	50	96 387	26 284,929	436 725,277	16,615	16,149	78	100	1 110	29,744	68,174	2,292	1,826
29	51	96 117	25 022,685	410 440,348	16,403	15,937							
30	52	95 819	23 813,886	385 417,663	16,185	15,719							
31	53	95 495	22 657,099	361 603,777	15,960	15,494							
32	54	95 140	21 549,267	338 946,677	15,729	15,263							
33	55	94 766	20 491,368	317 397,411	15,489	15,023							
34	56	94 358	19 477,974	296 906,043	15,243	14,777							
35	57	93 928	18 509,888	277 428,069	14,988	14,522							
36	58	93 474	17 585,132	258 918,182	14,724	14,258							
37	59	92 980	16 698,921	241 333,050	14,452	13,986							
38	60	92 453	15 851,358	224 634,129	14,171	13,705							
39	61	91 853	15 034,463	208 782,771	13,887	13,421							
40	62	91 221	14 253,846	193 748,308	13,593	13,127							
41	63	90 529	13 504,313	179 494,462	13,292	12,826							
42	64	89 796	12 787,545	165 990,149	12,981	12,515							
43	65	89 000	12 099,427	153 202,604	12,662	12,196							
44	66	88 147	11 440,119	141 103,177	12,334	11,868							
45	67	87 219	10 806,389	129 663,058	11,999	11,533							
46	68	86 231	10 199,508	118 856,668	11,653	11,187							
47	69	85 183	9 618,598	108 657,160	11,297	10,831							
48	70	84 035	9 058,675	99 038,562	10,933	10,467							
49	71	82 793	8 520,129	89 979,887	10,561	10,095							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß   4,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	23	99 384	99 384,060	2 009 970,968	20,224	19,758	50	73	80 255	7 884,435	77 600,312	9,842	9,376
1	24	98 977	94 488,812	1 910 586,908	20,220	19,754	51	74	78 634	7 374,886	69 715,877	9,453	8,987
2	25	98 925	90 156,373	1 816 098,096	20,144	19,678	52	75	76 806	6 876,770	62 340,991	9,065	8,599
3	26	98 884	86 032,962	1 725 941,723	20,061	19,595	53	76	74 781	6 391,906	55 464,222	8,677	8,211
4	27	98 847	82 100,850	1 639 908,761	19,974	19,508	54	77	72 547	5 919,745	49 072,315	8,290	7,824
5	28	98 807	78 346,438	1 557 807,911	19,884	19,418	55	78	70 099	5 460,605	43 152,570	7,903	7,437
6	29	98 772	74 766,744	1 479 461,473	19,788	19,322	56	79	67 392	5 011,676	37 691,965	7,521	7,055
7	30	98 733	71 348,348	1 404 694,729	19,688	19,222	57	80	64 472	4 577,105	32 680,289	7,140	6,674
8	31	98 697	68 088,093	1 333 346,381	19,583	19,117	58	81	61 282	4 153,369	28 103,184	6,766	6,300
9	32	98 659	64 975,521	1 265 258,288	19,473	19,007	59	82	57 852	3 743,123	23 949,814	6,398	5,932
10	33	98 616	62 002,280	1 200 282,767	19,359	18,893	60	83	54 141	3 344,115	20 206,691	6,042	5,576
11	34	98 571	59 163,791	1 138 280,487	19,239	18,773	61	84	50 218	2 961,172	16 862,577	5,695	5,229
12	35	98 521	56 452,109	1 079 116,696	19,116	18,650	62	85	46 066	2 593,186	13 901,404	5,361	4,895
13	36	98 471	53 864,797	1 022 664,587	18,986	18,520	63	86	41 748	2 243,505	11 308,219	5,040	4,574
14	37	98 413	51 392,105	968 799,790	18,851	18,385	64	87	37 336	1 915,440	9 064,714	4,732	4,266
15	38	98 346	49 028,132	917 407,685	18,712	18,246	65	88	32 823	1 607,578	7 149,274	4,447	3,981
16	39	98 274	46 770,514	868 379,554	18,567	18,101	66	89	28 376	1 326,724	5 541,697	4,177	3,711
17	40	98 183	44 608,530	821 609,039	18,418	17,952	67	90	23 957	1 069,337	4 214,972	3,942	3,476
18	41	98 080	42 541,216	777 000,510	18,265	17,799	68	91	19 887	847,397	3 145,636	3,712	3,246
19	42	97 955	40 560,051	734 459,293	18,108	17,642	69	92	16 040	652,489	2 298,239	3,522	3,056
20	43	97 820	38 667,442	693 899,242	17,945	17,479	70	93	12 732	494,456	1 645,749	3,328	2,862
21	44	97 667	36 856,393	655 231,800	17,778	17,312	71	94	9 864	365,684	1 151,294	3,148	2,682
22	45	97 505	35 126,590	618 375,406	17,604	17,138	72	95	7 445	263,509	785,610	2,981	2,515
23	46	97 329	33 473,379	583 248,817	17,424	16,958	73	96	5 468	184,766	522,101	2,826	2,360
24	47	97 141	31 893,782	549 775,438	17,238	16,772	74	97	3 901	125,825	337,335	2,681	2,215
25	48	96 928	30 380,729	517 881,656	17,046	16,580	75	98	2 696	83,003	211,510	2,548	2,082
26	49	96 703	28 935,887	487 500,927	16,848	16,382	76	99	1 803	52,995	128,507	2,425	1,959
27	50	96 448	27 550,901	458 565,040	16,644	16,178	77	100	1 165	32,685	75,512	2,310	1,844
28	51	96 175	26 227,023	431 014,138	16,434	15,968							
29	52	95 882	24 961,460	404 787,115	16,216	15,750							
30	53	95 556	23 748,508	379 825,655	15,994	15,528							
31	54	95 208	22 588,980	356 077,147	15,763	15,297							
32	55	94 836	21 480,498	333 488,168	15,525	15,059							
33	56	94 431	20 418,764	312 007,670	15,280	14,814							
34	57	94 003	19 404,499	291 588,906	15,027	14,561							
35	58	93 553	18 435,912	272 184,407	14,764	14,298							
36	59	93 062	17 507,541	253 748,496	14,494	14,028							
37	60	92 541	16 620,068	236 240,955	14,214	13,748							
38	61	91 954	15 765,929	219 620,887	13,930	13,464							
39	62	91 326	14 948,064	203 854,957	13,638	13,172							
40	63	90 645	14 163,938	188 906,893	13,337	12,871							
41	64	89 919	13 413,323	174 742,955	13,028	12,562							
42	65	89 136	12 693,564	161 329,632	12,710	12,244							
43	66	88 305	12 004,932	148 636,069	12,381	11,915							
44	67	87 393	11 342,258	136 631,136	12,046	11,580							
45	68	86 423	10 707,702	125 288,879	11,701	11,235							
46	69	85 394	10 100,465	114 581,176	11,344	10,878							
47	70	84 278	9 516,434	104 480,712	10,979	10,513							
48	71	83 059	8 953,552	94 964,278	10,606	10,140							
49	72	81 727	8 410,414	86 010,726	10,227	9,761							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß   4,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$
0	24	99 361	99 361,342	2 003 104,002	20,160	19,694	50	74	78 950	7 756,224	73 628,065	9,493	9,027
1	25	98 957	94 469,713	1 903 742,659	20,152	19,686	51	75	77 171	7 237,658	65 871,841	9,101	8,635
2	26	98 903	90 136,541	1 809 272,947	20,073	19,607	52	76	75 158	6 729,208	58 634,183	8,713	8,247
3	27	98 861	86 012,601	1 719 136,406	19,987	19,521	53	77	72 950	6 235,351	51 904,974	8,324	7,858
4	28	98 821	82 078,793	1 633 123,805	19,897	19,431	54	78	70 536	5 755,628	45 669,624	7,935	7,469
5	29	98 782	78 326,626	1 551 045,011	19,802	19,336	55	79	67 851	5 285,493	39 913,996	7,552	7,086
6	30	98 743	74 745,292	1 472 718,385	19,703	19,237	56	80	64 945	4 829,723	34 628,503	7,170	6,704
7	31	98 705	71 328,154	1 397 973,093	19,599	19,133	57	81	61 779	4 385,940	29 798,780	6,794	6,328
8	32	98 667	68 067,528	1 326 644,939	19,490	19,024	58	82	58 366	3 955,709	25 412,841	6,424	5,958
9	33	98 624	64 952,489	1 258 577,411	19,377	18,911	59	83	54 662	3 536,711	21 457,132	6,067	5,601
10	34	98 580	61 979,610	1 193 624,922	19,258	18,792	60	84	50 745	3 134,400	17 920,421	5,717	5,251
11	35	98 529	59 138,659	1 131 645,312	19,135	18,669	61	85	46 586	2 747,033	14 786,021	5,383	4,917
12	36	98 482	56 429,655	1 072 506,653	19,006	18,540	62	86	42 254	2 378,587	12 038,988	5,061	4,595
13	37	98 424	53 839,200	1 016 076,998	18,872	18,406	63	87	37 814	2 032,116	9 660,400	4,754	4,288
14	38	98 361	51 364,677	962 237,797	18,733	18,267	64	88	33 293	1 708,014	7 628,284	4,466	4,000
15	39	98 291	49 000,837	910 873,120	18,589	18,123	65	89	28 810	1 410,992	5 920,271	4,196	3,730
16	40	98 209	46 739,573	861 872,283	18,440	17,974	66	90	24 360	1 138,970	4 509,279	3,959	3,493
17	41	98 114	44 577,026	815 132,710	18,286	17,820	67	91	20 249	903,808	3 370,309	3,729	3,263
18	42	98 002	42 507,120	770 555,684	18,128	17,662	68	92	16 353	696,826	2 466,501	3,540	3,074
19	43	97 867	40 523,949	728 048,564	17,966	17,500	69	93	13 005	529,021	1 769,675	3,345	2,879
20	44	97 719	38 627,849	687 524,615	17,799	17,333	70	94	10 094	391,978	1 240,654	3,165	2,699
21	45	97 557	36 814,998	648 896,765	17,626	17,160	71	95	7 636	283,082	848,675	2,998	2,532
22	46	97 381	35 082,006	612 081,768	17,447	16,981	72	96	5 621	198,935	565,593	2,843	2,377
23	47	97 192	33 426,211	576 999,762	17,262	16,796	73	97	4 021	135,857	366,658	2,699	2,233
24	48	96 982	31 841,631	543 573,551	17,071	16,605	74	98	2 790	89,994	230,801	2,565	2,099
25	49	96 757	30 327,003	511 731,919	16,874	16,408	75	99	1 873	57,671	140,807	2,442	1,976
26	50	96 504	28 876,347	481 404,916	16,671	16,205	76	100	1 215	35,724	83,135	2,327	1,861
27	51	96 236	27 490,207	452 528,569	16,461	15,995							
28	52	95 940	26 162,851	425 038,362	16,246	15,780							
29	53	95 619	24 892,931	398 875,511	16,024	15,558							
30	54	95 269	23 677,107	373 982,579	15,795	15,329							
31	55	94 904	22 516,893	350 305,472	15,557	15,091							
32	56	94 500	21 404,389	327 788,579	15,314	14,848							
33	57	94 074	20 341,740	306 384,190	15,062	14,596							
34	58	93 627	19 326,947	286 042,450	14,800	14,334							
35	59	93 140	18 354,567	266 715,503	14,531	14,065							
36	60	92 622	17 424,870	248 360,936	14,253	13,787							
37	61	92 042	16 530,497	230 936,066	13,970	13,504							
38	62	91 426	15 675,327	214 405,570	13,678	13,212							
39	63	90 749	14 853,777	198 730,242	13,379	12,913							
40	64	90 035	14 068,503	183 876,465	13,070	12,604							
41	65	89 258	13 314,743	169 807,962	12,753	12,287							
42	66	88 440	12 594,429	156 493,219	12,426	11,960							
43	67	87 549	11 902,239	143 898,790	12,090	11,624							
44	68	86 595	11 238,677	131 996,551	11,745	11,279							
45	69	85 583	10 603,724	120 757,875	11,388	10,922							
46	70	84 487	9 993,182	110 154,151	11,023	10,557							
47	71	83 300	9 405,998	100 160,969	10,649	10,183							
48	72	81 990	8 838,255	90 754,971	10,268	9,802							
49	73	80 544	8 288,650	81 916,715	9,883	9,417							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß   4,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	25	99 341	99 341,258	1 995 881,602	20,091	19,625	50	75	77 481	7 611,900	69 552,306	9,137	8,671
1	26	98 935	94 448,931	1 896 540,344	20,080	19,614	51	76	75 515	7 082,353	61 940,406	8,746	8,280
2	27	98 879	90 115,208	1 802 091,413	19,998	19,532	52	77	73 317	6 564,391	54 858,054	8,357	7,891
3	28	98 834	85 989,494	1 711 976,204	19,909	19,443	53	78	70 927	6 062,483	48 293,663	7,966	7,500
4	29	98 796	82 058,038	1 625 986,711	19,815	19,349	54	79	68 274	5 571,055	42 231,179	7,580	7,114
5	30	98 754	78 304,153	1 543 928,672	19,717	19,251	55	80	65 388	5 093,598	36 660,124	7,197	6,731
6	31	98 715	74 724,136	1 465 624,520	19,614	19,148	56	81	62 233	4 628,006	31 566,526	6,821	6,355
7	32	98 675	71 306,611	1 390 900,383	19,506	19,040	57	82	58 839	4 177,211	26 938,520	6,449	5,983
8	33	98 632	68 043,400	1 319 593,772	19,393	18,927	58	83	55 147	3 737,574	22 761,308	6,090	5,624
9	34	98 588	64 928,740	1 251 550,372	19,276	18,810	59	84	51 234	3 314,918	19 023,734	5,739	5,273
10	35	98 538	61 953,282	1 186 621,631	19,153	18,687	60	85	47 076	2 907,734	15 708,816	5,402	4,936
11	36	98 490	59 115,137	1 124 668,349	19,025	18,559	61	86	42 731	2 519,703	12 801,082	5,080	4,614
12	37	98 435	56 402,839	1 065 553,212	18,892	18,426	62	87	38 273	2 154,470	10 281,379	4,772	4,306
13	38	98 371	53 810,467	1 009 150,373	18,754	18,288	63	88	33 719	1 812,055	8 126,908	4,485	4,019
14	39	98 306	51 336,082	955 339,906	18,610	18,144	64	89	29 221	1 499,146	6 314,854	4,212	3,746
15	40	98 226	48 968,421	904 003,824	18,461	17,995	65	90	24 733	1 211,312	4 815,708	3,976	3,510
16	41	98 139	46 706,564	855 035,404	18,307	17,841	66	91	20 589	962,663	3 604,396	3,744	3,278
17	42	98 035	44 541,298	808 328,840	18,148	17,682	67	92	16 651	743,214	2 641,733	3,554	3,088
18	43	97 915	42 469,285	763 787,542	17,984	17,518	68	93	13 259	564,968	1 898,519	3,360	2,894
19	44	97 767	40 482,455	721 318,257	17,818	17,352	69	94	10 309	419,380	1 333,551	3,180	2,714
20	45	97 610	38 584,464	680 835,802	17,645	17,179	70	95	7 814	303,437	914,171	3,013	2,547
21	46	97 433	36 768,271	642 251,338	17,468	17,002	71	96	5 765	213,712	610,733	2,858	2,392
22	47	97 244	35 032,572	605 483,067	17,283	16,817	72	97	4 133	146,276	397,022	2,714	2,248
23	48	97 033	33 371,555	570 450,495	17,094	16,628	73	98	2 876	97,169	250,746	2,581	2,115
24	49	96 811	31 785,322	537 078,940	16,897	16,431	74	99	1 939	62,529	153,577	2,456	1,990
25	50	96 557	30 264,601	505 293,618	16,696	16,230	75	100	1 263	38,876	91,048	2,342	1,876
26	51	96 292	28 812,733	475 029,017	16,487	16,021							
27	52	96 000	27 422,944	446 216,284	16,272	15,806							
28	53	95 676	26 091,024	418 793,340	16,051	15,585							
29	54	95 331	24 818,090	392 702,316	15,823	15,357							
30	55	94 965	23 601,548	367 884,226	15,587	15,121							
31	56	94 568	22 437,112	344 282,678	15,344	14,878							
32	57	94 144	21 323,647	321 845,566	15,093	14,627							
33	58	93 698	20 260,443	300 521,919	14,833	14,367							
34	59	93 214	19 241,671	280 261,476	14,565	14,099							
35	60	92 700	18 267,896	261 019,805	14,288	13,822							
36	61	92 123	17 330,961	242 751,909	14,007	13,541							
37	62	91 513	16 435,501	225 420,948	13,715	13,249							
38	63	90 849	15 576,453	208 985,447	13,417	12,951							
39	64	90 138	14 753,695	193 408,994	13,109	12,643							
40	65	89 373	13 965,108	178 655,300	12,793	12,327							
41	66	88 561	13 210,756	164 690,192	12,466	12,000							
42	67	87 683	12 486,692	151 479,435	12,131	11,665							
43	68	86 750	11 793,544	138 992,743	11,785	11,319							
44	69	85 754	11 129,542	127 199,199	11,429	10,963							
45	70	84 674	10 491,096	116 069,657	11,064	10,598							
46	71	83 506	9 877,214	105 578,561	10,689	10,223							
47	72	82 227	9 284,875	95 701,346	10,307	9,841							
48	73	80 803	8 710,298	86 416,471	9,921	9,455							
49	74	79 234	8 153,867	77 706,174	9,530	9,064							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß   4,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	49	93 528	9 188,401	135 573,202	14,755	14,289
1	0	99 613	95 096,151	1 997 759,769	21,008	20,542	51	50	92 962	8 718,673	126 384,801	14,496	14,030
2	1	99 267	90 468,090	1 902 663,618	21,031	20,565	52	51	92 318	8 265,688	117 666,129	14,235	13,769
3	2	99 222	86 326,624	1 812 195,528	20,992	20,526	53	52	91 632	7 832,159	109 400,441	13,968	13,502
4	3	99 193	82 388,318	1 725 868,904	20,948	20,482	54	53	90 876	7 415,316	101 568,282	13,697	13,231
5	4	99 169	78 633,101	1 643 480,586	20,901	20,435	55	54	90 041	7 014,069	94 152,965	13,423	12,957
6	5	99 146	75 050,344	1 564 847,485	20,851	20,385	56	55	89 147	6 629,479	87 138,896	13,144	12,678
7	6	99 126	71 632,295	1 489 797,141	20,798	20,332	57	56	88 183	6 260,465	80 509,417	12,860	12,394
8	7	99 109	68 372,464	1 418 164,846	20,742	20,276	58	57	87 144	5 906,132	74 248,951	12,572	12,105
9	8	99 092	65 261,003	1 349 792,382	20,683	20,217	59	58	86 032	5 566,392	68 342,819	12,278	11,812
10	9	99 077	62 292,193	1 284 531,379	20,621	20,155	60	59	84 835	5 240,043	62 776,428	11,980	11,514
11	10	99 062	59 458,071	1 222 239,186	20,556	20,090	61	60	83 557	4 927,067	57 536,385	11,678	11,212
12	11	99 046	56 752,982	1 162 781,115	20,488	20,022	62	61	82 179	4 626,061	52 609,318	11,372	10,906
13	12	99 027	54 169,097	1 106 028,133	20,418	19,952	63	62	80 727	4 338,267	47 983,257	11,060	10,594
14	13	99 008	51 702,844	1 051 859,037	20,344	19,878	64	63	79 204	4 063,387	43 644,990	10,741	10,275
15	14	98 984	49 346,495	1 000 156,192	20,268	19,802	65	64	77 561	3 798,680	39 581,602	10,420	9,954
16	15	98 956	47 095,334	950 809,698	20,189	19,723	66	65	75 832	3 545,564	35 782,922	10,092	9,626
17	16	98 918	44 942,416	903 714,364	20,108	19,642	67	66	73 995	3 302,801	32 237,358	9,761	9,295
18	17	98 869	42 883,319	858 771,948	20,026	19,560	68	67	72 050	3 070,166	28 934,557	9,424	8,958
19	18	98 806	40 912,453	815 888,628	19,942	19,476	69	68	70 025	2 848,569	25 864,391	9,080	8,614
20	19	98 735	39 029,230	774 976,176	19,856	19,390	70	69	67 893	2 636,593	23 015,821	8,729	8,263
21	20	98 661	37 231,676	735 946,945	19,767	19,301	71	70	65 643	2 433,599	20 379,229	8,374	7,908
22	21	98 586	35 516,272	698 715,269	19,673	19,207	72	71	63 263	2 239,042	17 945,630	8,015	7,549
23	22	98 513	33 880,640	663 198,997	19,575	19,109	73	72	60 756	2 052,787	15 706,587	7,651	7,185
24	23	98 440	32 320,125	629 318,357	19,471	19,005	74	73	58 089	1 873,680	13 653,800	7,287	6,821
25	24	98 362	30 830,221	596 998,232	19,364	18,898	75	74	55 209	1 700,035	11 780,121	6,929	6,463
26	25	98 288	29 410,076	566 168,011	19,251	18,785	76	75	52 153	1 533,117	10 080,086	6,575	6,109
27	26	98 209	28 053,959	536 757,935	19,133	18,667	77	76	48 910	1 372,586	8 546,969	6,227	5,761
28	27	98 124	26 758,536	508 703,976	19,011	18,545	78	77	45 482	1 218,498	7 174,383	5,888	5,422
29	28	98 039	25 522,933	481 945,440	18,883	18,417	79	78	41 885	1 071,255	5 955,885	5,560	5,094
30	29	97 949	24 343,389	456 422,507	18,749	18,283	80	79	38 156	931,624	4 884,630	5,243	4,777
31	30	97 859	23 217,977	432 079,119	18,610	18,144	81	80	34 379	801,333	3 953,006	4,933	4,467
32	31	97 761	22 143,044	408 861,141	18,465	17,999	82	81	30 543	679,640	3 151,673	4,637	4,171
33	32	97 660	21 117,025	386 718,097	18,313	17,847	83	82	26 753	568,305	2 472,033	4,350	3,884
34	33	97 551	20 136,922	365 601,072	18,156	17,690	84	83	23 055	467,556	1 903,727	4,072	3,606
35	34	97 438	19 201,521	345 464,149	17,991	17,525	85	84	19 488	377,283	1 436,171	3,807	3,341
36	35	97 314	18 307,630	326 262,628	17,821	17,355	86	85	16 114	297,830	1 058,888	3,555	3,089
37	36	97 190	17 455,110	307 954,998	17,643	17,177	87	86	12 994	229,262	761,058	3,320	2,854
38	37	97 052	16 639,867	290 499,888	17,458	16,992	88	87	10 178	171,432	531,795	3,102	2,636
39	38	96 893	15 859,385	273 860,021	17,268	16,802	89	88	7 730	124,292	360,363	2,899	2,433
40	39	96 728	15 114,425	258 000,636	17,070	16,604	90	89	5 649	86,726	236,071	2,722	2,256
41	40	96 540	14 401,001	242 886,211	16,866	16,400	91	90	3 996	58,567	149,346	2,550	2,084
42	41	96 340	13 719,449	228 485,210	16,654	16,188	92	91	2 703	37,814	90,779	2,401	1,935
43	42	96 115	13 066,813	214 765,761	16,436	15,970	93	92	1 742	23,262	52,965	2,277	1,811
44	43	95 859	12 440,957	201 698,948	16,212	15,746	94	93	1 081	13,780	29,703	2,155	1,689
45	44	95 570	11 841,044	189 257,991	15,983	15,517	95	94	640	7,785	15,922	2,045	1,579
46	45	95 251	11 266,393	177 416,947	15,747	15,281	96	95	360	4,183	8,138	1,946	1,480
47	46	94 895	10 715,285	166 150,555	15,506	15,040	97	96	192	2,132	3,955	1,855	1,389
48	47	94 488	10 185,487	155 435,270	15,260	14,794	98	97	97	1,028	1,823	1,773	1,307
49	48	94 031	9 676,581	145 249,783	15,010	14,544	99	98	46	0,468	0,795	1,699	1,233
							100	99	21	0,200	0,327	1,631	1,165

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß   4,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	48	93 694	9 204,679	136 598,938	14,840	14,374
1							51	49	93 154	8 736,650	127 394,259	14,582	14,116
2	0	99 581	90 754,209	1 904 356,422	20,984	20,518	52	50	92 522	8 283,937	118 657,609	14,324	13,858
3	1	99 248	86 349,417	1 813 602,213	21,003	20,537	53	51	91 856	7 851,370	110 373,672	14,058	13,592
4	2	99 208	82 400,591	1 727 252,795	20,962	20,496	54	52	91 126	7 435,730	102 522,303	13,788	13,322
5	3	99 180	78 641,888	1 644 852,204	20,916	20,450	55	53	90 313	7 035,221	95 086,572	13,516	13,050
6	4	99 158	75 059,289	1 566 210,316	20,866	20,400	56	54	89 432	6 650,703	88 051,351	13,239	12,773
7	5	99 136	71 639,536	1 491 151,027	20,815	20,349	57	55	88 497	6 282,726	81 400,648	12,956	12,490
8	6	99 118	68 378,419	1 419 511,490	20,760	20,294	58	56	87 474	5 928,495	75 117,922	12,671	12,205
9	7	99 101	65 266,605	1 351 133,072	20,702	20,236	59	57	86 378	5 588,727	69 189,427	12,380	11,914
10	8	99 085	62 296,781	1 285 866,467	20,641	20,175	60	58	85 211	5 263,266	63 600,699	12,084	11,618
11	9	99 068	59 462,173	1 223 569,686	20,577	20,111	61	59	83 954	4 950,443	58 337,433	11,784	11,318
12	10	99 053	56 757,010	1 164 107,514	20,510	20,044	62	60	82 624	4 651,127	53 386,990	11,478	11,012
13	11	99 035	54 173,429	1 107 350,503	20,441	19,975	63	61	81 194	4 363,342	48 735,863	11,169	10,703
14	12	99 016	51 707,007	1 053 177,075	20,368	19,902	64	62	79 707	4 089,181	44 372,521	10,851	10,385
15	13	98 993	49 350,915	1 001 470,068	20,293	19,827	65	63	78 087	3 824,449	40 283,340	10,533	10,067
16	14	98 967	47 100,439	952 119,153	20,215	19,749	66	64	76 393	3 571,815	36 458,891	10,207	9,741
17	15	98 930	44 948,070	905 018,714	20,135	19,669	67	65	74 577	3 328,799	32 887,076	9,880	9,414
18	16	98 884	42 889,919	860 070,644	20,053	19,587	68	66	72 672	3 096,656	29 558,277	9,545	9,079
19	17	98 822	40 919,019	817 180,725	19,971	19,505	69	67	70 671	2 874,823	26 461,622	9,205	8,739
20	18	98 757	39 038,147	776 261,706	19,885	19,419	70	68	68 559	2 662,447	23 586,799	8,859	8,393
21	19	98 682	37 239,367	737 223,559	19,797	19,331	71	69	66 347	2 459,725	20 924,352	8,507	8,041
22	20	98 608	35 524,158	699 984,191	19,704	19,238	72	70	64 006	2 265,331	18 464,627	8,151	7,685
23	21	98 534	33 887,732	664 460,033	19,608	19,142	73	71	61 548	2 079,566	16 199,296	7,790	7,324
24	22	98 462	32 327,377	630 572,301	19,506	19,040	74	72	58 942	1 901,205	14 119,730	7,427	6,961
25	23	98 385	30 837,270	598 244,924	19,400	18,934	75	73	56 122	1 728,136	12 218,525	7,070	6,604
26	24	98 308	29 416,022	567 407,654	19,289	18,823	76	74	53 142	1 562,186	10 490,389	6,715	6,249
27	25	98 231	28 060,132	537 991,632	19,173	18,707	77	75	49 983	1 402,685	8 928,204	6,365	5,899
28	26	98 147	26 764,871	509 931,500	19,052	18,586	78	76	46 624	1 249,092	7 525,519	6,025	5,559
29	27	98 065	25 529,791	483 166,630	18,926	18,460	79	77	43 080	1 101,801	6 276,427	5,697	5,231
30	28	97 974	24 349,546	457 636,838	18,794	18,328	80	78	39 420	962,489	5 174,626	5,376	4,910
31	29	97 887	23 224,641	433 287,292	18,656	18,190	81	79	35 674	831,522	4 212,137	5,066	4,600
32	30	97 789	22 149,313	410 062,651	18,514	18,048	82	80	31 874	709,263	3 380,615	4,766	4,300
33	31	97 689	21 123,405	387 913,338	18,364	17,898	83	81	28 089	596,703	2 671,352	4,477	4,011
34	32	97 585	20 144,063	366 789,933	18,208	17,742	84	82	24 401	494,844	2 074,649	4,193	3,727
35	33	97 473	19 208,544	346 645,870	18,046	17,580	85	83	20 792	402,526	1 579,805	3,925	3,459
36	34	97 356	18 315,410	327 437,326	17,878	17,412	86	84	17 371	321,047	1 177,279	3,667	3,201
37	35	97 229	17 462,056	309 121,916	17,702	17,236	87	85	14 166	249,947	856,232	3,426	2,960
38	36	97 098	16 647,778	291 659,860	17,519	17,053	88	86	11 236	189,265	606,285	3,203	2,737
39	37	96 945	15 867,854	275 012,082	17,331	16,865	89	87	8 668	139,386	417,020	2,992	2,526
40	38	96 782	15 122,844	259 144,228	17,136	16,670	90	88	6 437	98,809	277,634	2,810	2,344
41	39	96 604	14 410,535	244 021,384	16,934	16,468	91	89	4 655	68,222	178,825	2,621	2,155
42	40	96 408	13 729,145	229 610,850	16,724	16,258	92	90	3 198	44,739	110,603	2,472	2,006
43	41	96 193	13 077,295	215 881,705	16,508	16,042	93	91	2 118	28,289	65,864	2,328	1,862
44	42	95 944	12 452,040	202 804,410	16,287	15,821	94	92	1 333	16,996	37,575	2,211	1,745
45	43	95 668	11 853,181	190 352,370	16,059	15,593	95	93	807	9,820	20,579	2,096	1,630
46	44	95 358	11 279,061	178 499,189	15,826	15,360	96	94	465	5,403	10,759	1,991	1,525
47	45	95 016	10 728,902	167 220,129	15,586	15,120	97	95	255	2,824	5,356	1,897	1,431
48	46	94 621	10 199,860	156 491,227	15,342	14,876	98	96	132	1,398	2,532	1,811	1,345
49	47	94 185	9 692,429	146 291,367	15,093	14,627	99	97	65	0,654	1,134	1,733	1,267
							100	98	30	0,288	0,479	1,662	1,196

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß   4,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	47	93 847	9 219,754	137 545,350	14,919	14,453
1							51	48	93 319	8 752,127	128 325,595	14,662	14,196
2							52	49	92 713	8 301,018	119 573,468	14,405	13,939
3	0	99 562	86 622,511	1 815 169,932	20,955	20,489	53	50	92 059	7 868,704	111 272,450	14,141	13,675
4	1	99 234	82 422,348	1 728 547,421	20,972	20,506	54	51	91 349	7 453,969	103 403,746	13,872	13,406
5	2	99 195	78 653,603	1 646 125,073	20,929	20,463	55	52	90 561	7 054,589	95 949,777	13,601	13,135
6	3	99 169	75 067,677	1 567 471,470	20,881	20,415	56	53	89 702	6 670,759	88 895,188	13,326	12,860
7	4	99 148	71 648,075	1 492 403,793	20,830	20,364	57	54	88 780	6 302,840	82 224,429	13,046	12,580
8	5	99 128	68 385,331	1 420 755,718	20,776	20,310	58	55	87 785	5 949,576	75 921,590	12,761	12,295
9	6	99 109	65 272,289	1 352 370,387	20,719	20,253	59	56	86 705	5 609,889	69 972,014	12,473	12,007
10	7	99 093	62 302,128	1 287 098,098	20,659	20,193	60	57	85 553	5 284,386	64 362,125	12,180	11,714
11	8	99 076	59 466,552	1 224 795,970	20,596	20,130	61	58	84 326	4 972,383	59 077,739	11,881	11,415
12	9	99 060	56 760,926	1 165 329,418	20,530	20,064	62	59	83 016	4 673,194	54 105,356	11,578	11,112
13	10	99 042	54 177,274	1 108 568,492	20,462	19,996	63	60	81 634	4 386,985	49 432,162	11,268	10,802
14	11	99 024	51 711,142	1 054 391,219	20,390	19,924	64	61	80 167	4 112,816	45 045,177	10,952	10,486
15	12	99 001	49 354,889	1 002 680,077	20,316	19,850	65	62	78 583	3 848,725	40 932,362	10,635	10,169
16	13	98 976	47 104,658	953 325,188	20,238	19,772	66	63	76 911	3 596,045	37 083,636	10,312	9,846
17	14	98 941	44 952,942	906 220,530	20,159	19,693	67	64	75 130	3 353,445	33 487,592	9,986	9,520
18	15	98 897	42 895,315	861 267,587	20,078	19,612	68	65	73 244	3 121,031	30 134,147	9,655	9,189
19	16	98 837	40 925,316	818 372,272	19,997	19,531	69	66	71 280	2 899,627	27 013,117	9,316	8,850
20	17	98 773	39 044,413	777 446,956	19,912	19,446	70	67	69 191	2 686,985	24 113,489	8,974	8,508
21	18	98 704	37 247,875	738 402,544	19,824	19,358	71	68	66 998	2 483,845	21 426,504	8,626	8,160
22	19	98 628	35 531,497	701 154,668	19,733	19,267	72	69	64 693	2 289,651	18 942,660	8,273	7,807
23	20	98 556	33 895,257	665 623,172	19,638	19,172	73	70	62 271	2 103,982	16 653,009	7,915	7,449
24	21	98 482	32 334,144	631 727,915	19,537	19,071	74	71	59 711	1 926,006	14 549,027	7,554	7,088
25	22	98 407	30 844,189	599 393,770	19,433	18,967	75	72	56 946	1 753,523	12 623,021	7,199	6,733
26	23	98 330	29 422,748	568 549,581	19,323	18,857	76	73	54 021	1 588,009	10 869,498	6,845	6,379
27	24	98 251	28 065,805	539 126,834	19,209	18,743	77	74	50 930	1 429,280	9 281,489	6,494	6,028
28	25	98 169	26 770,760	511 061,029	19,090	18,624	78	75	47 646	1 276,482	7 852,209	6,151	5,685
29	26	98 088	25 535,835	484 290,270	18,965	18,499	79	76	44 161	1 129,465	6 575,726	5,822	5,356
30	27	98 001	24 356,089	458 754,435	18,835	18,369	80	77	40 544	989,934	5 446,261	5,502	5,036
31	28	97 912	23 230,515	434 398,346	18,699	18,233	81	78	36 856	859,071	4 456,328	5,187	4,721
32	29	97 817	22 155,670	411 167,830	18,558	18,092	82	79	33 075	735,984	3 597,257	4,888	4,422
33	30	97 717	21 129,385	389 012,160	18,411	17,945	83	80	29 314	622,711	2 861,273	4,595	4,129
34	31	97 615	20 150,149	367 882,775	18,257	17,791	84	81	25 620	519,570	2 238,563	4,308	3,842
35	32	97 508	19 215,356	347 732,626	18,097	17,631	85	82	22 005	426,019	1 718,992	4,035	3,569
36	33	97 391	18 322,109	328 517,271	17,930	17,464	86	83	18 533	342,528	1 292,974	3,775	3,309
37	34	97 270	17 469,477	310 195,161	17,756	17,290	87	84	15 270	269,431	950,446	3,528	3,062
38	35	97 136	16 654,403	292 725,685	17,576	17,110	88	85	12 250	206,341	681,015	3,300	2,834
39	36	96 991	15 875,398	276 071,282	17,390	16,924	89	86	9 570	153,886	474,674	3,085	2,619
40	37	96 834	15 130,919	260 195,884	17,196	16,730	90	87	7 218	110,808	320,788	2,895	2,429
41	38	96 658	14 418,562	245 064,965	16,996	16,530	91	88	5 304	77,727	209,980	2,702	2,236
42	39	96 472	13 738,233	230 646,404	16,789	16,323	92	89	3 725	52,114	132,254	2,538	2,072
43	40	96 260	13 086,537	216 908,171	16,575	16,109	93	90	2 506	33,470	80,139	2,394	1,928
44	41	96 021	12 462,029	203 821,634	16,355	15,889	94	91	1 621	20,669	46,670	2,258	1,792
45	42	95 753	11 863,740	191 359,605	16,130	15,664	95	92	995	12,112	26,001	2,147	1,681
46	43	95 456	11 290,622	179 495,865	15,898	15,432	96	93	587	6,816	13,889	2,038	1,572
47	44	95 122	10 740,966	168 205,243	15,660	15,194	97	94	329	3,648	7,073	1,939	1,473
48	45	94 741	10 212,822	157 464,277	15,418	14,952	98	95	175	1,852	3,425	1,849	1,383
49	46	94 318	9 706,106	147 251,455	15,171	14,705	99	96	88	0,890	1,573	1,768	1,302
							100	97	42	0,403	0,683	1,694	1,228

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß   4,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	46	93 980	9 232,764	138 416,700	14,992	14,526
1							51	47	93 472	8 766,461	129 183,935	14,736	14,270
2							52	48	92 877	8 315,724	120 417,474	14,481	14,015
3							53	49	92 249	7 884,929	112 101,750	14,217	13,751
4	0	99 548	82 683,022	1 729 998,512	20,923	20,457	54	50	91 551	7 470,426	104 216,822	13,951	13,485
5	1	99 221	78 674,370	1 647 315,491	20,938	20,472	55	51	90 784	7 071,892	96 746,396	13,680	13,214
6	2	99 184	75 078,859	1 568 641,121	20,893	20,427	56	52	89 949	6 689,123	89 674,504	13,406	12,940
7	3	99 159	71 656,082	1 493 562,261	20,843	20,377	57	53	89 048	6 321,847	82 985,380	13,127	12,661
8	4	99 140	68 393,482	1 421 906,180	20,790	20,324	58	54	88 066	5 968,623	76 663,534	12,844	12,378
9	5	99 119	65 278,887	1 353 512,698	20,734	20,268	59	55	87 013	5 629,836	70 694,911	12,557	12,091
10	6	99 102	62 307,554	1 288 233,811	20,675	20,209	60	56	85 877	5 304,395	65 065,074	12,266	11,800
11	7	99 084	59 471,656	1 225 926,257	20,614	20,148	61	57	84 664	4 992,335	59 760,680	11,970	11,504
12	8	99 067	56 765,106	1 166 454,600	20,549	20,083	62	58	83 384	4 693,905	54 768,344	11,668	11,202
13	9	99 049	54 181,011	1 109 689,494	20,481	20,015	63	59	82 021	4 407,799	50 074,439	11,360	10,894
14	10	99 031	51 714,812	1 055 508,483	20,410	19,944	64	60	80 602	4 135,101	45 666,641	11,044	10,578
15	11	99 009	49 358,836	1 003 793,671	20,337	19,871	65	61	79 037	3 870,971	41 531,539	10,729	10,263
16	12	98 984	47 108,451	954 434,835	20,260	19,794	66	62	77 400	3 618,871	37 660,569	10,407	9,941
17	13	98 950	44 956,969	907 326,384	20,182	19,716	67	63	75 639	3 376,193	34 041,698	10,083	9,617
18	14	98 908	42 899,965	862 369,415	20,102	19,636	68	64	73 786	3 144,138	30 665,505	9,753	9,287
19	15	98 849	40 930,465	819 469,450	20,021	19,555	69	65	71 842	2 922,451	27 521,367	9,417	8,951
20	16	98 788	39 050,422	778 538,985	19,937	19,471	70	66	69 788	2 710,168	24 598,915	9,077	8,611
21	17	98 720	37 253,853	739 488,564	19,850	19,384	71	67	67 615	2 506,737	21 888,747	8,732	8,266
22	18	98 651	35 539,614	702 234,710	19,759	19,293	72	68	65 328	2 312,103	19 382,010	8,383	7,917
23	19	98 576	33 902,259	666 695,096	19,665	19,199	73	69	62 940	2 126,569	17 069,907	8,027	7,561
24	20	98 504	32 341,324	632 792,837	19,566	19,100	74	70	60 412	1 948,619	14 943,338	7,669	7,203
25	21	98 427	30 850,646	600 451,513	19,463	18,997	75	71	57 689	1 776,398	12 994,718	7,315	6,849
26	22	98 353	29 429,349	569 600,867	19,355	18,889	76	72	54 814	1 611,337	11 218,320	6,962	6,496
27	23	98 273	28 072,221	540 171,518	19,242	18,776	77	73	51 772	1 452,906	9 606,983	6,612	6,146
28	24	98 189	26 776,172	512 099,297	19,125	18,659	78	74	48 550	1 300,685	8 154,077	6,269	5,803
29	25	98 110	25 541,454	485 323,125	19,001	18,535	79	75	45 130	1 154,232	6 853,392	5,938	5,472
30	26	98 024	24 361,855	459 781,671	18,873	18,407	80	76	41 562	1 014,789	5 699,160	5,616	5,150
31	27	97 938	23 236,758	435 419,816	18,738	18,272	81	77	37 907	883,566	4 684,371	5,302	4,836
32	28	97 842	22 161,274	412 183,059	18,599	18,133	82	78	34 171	760,367	3 800,804	4,999	4,533
33	29	97 745	21 135,449	390 021,785	18,453	17,987	83	79	30 418	646,170	3 040,437	4,705	4,239
34	30	97 642	20 155,854	368 886,335	18,302	17,836	84	80	26 737	542,216	2 394,267	4,416	3,950
35	31	97 537	19 221,161	348 730,482	18,143	17,677	85	81	23 105	447,306	1 852,050	4,140	3,674
36	32	97 426	18 328,606	329 509,321	17,978	17,512	86	82	19 614	362,519	1 404,744	3,875	3,409
37	33	97 306	17 475,867	311 180,714	17,806	17,340	87	83	16 292	287,458	1 042,225	3,626	3,160
38	34	97 178	16 661,480	293 704,848	17,628	17,162	88	84	13 205	222,426	754,768	3,393	2,927
39	35	97 030	15 881,715	277 043,368	17,444	16,978	89	85	10 433	167,770	532,342	3,173	2,707
40	36	96 880	15 138,113	261 161,653	17,252	16,786	90	86	7 969	122,335	364,573	2,980	2,514
41	37	96 709	14 426,261	246 023,540	17,054	16,588	91	87	5 948	87,166	242,238	2,779	2,313
42	38	96 525	13 745,886	231 597,280	16,848	16,382	92	88	4 244	59,375	155,072	2,612	2,146
43	39	96 324	13 095,200	217 851,394	16,636	16,170	93	89	2 919	38,987	95,697	2,455	1,989
44	40	96 089	12 470,836	204 756,194	16,419	15,953	94	90	1 918	24,454	56,710	2,319	1,853
45	41	95 830	11 873,257	192 285,358	16,195	15,729	95	91	1 210	14,729	32,255	2,190	1,724
46	42	95 541	11 300,680	180 412,102	15,965	15,499	96	92	723	8,407	17,526	2,085	1,619
47	43	95 220	10 751,975	169 111,421	15,728	15,262	97	93	415	4,602	9,120	1,982	1,516
48	44	94 848	10 224,305	158 359,446	15,489	15,023	98	94	226	2,393	4,518	1,888	1,422
49	45	94 437	9 718,441	148 135,141	15,243	14,777	99	95	117	1,178	2,125	1,803	1,337
							100	96	57	0,548	0,947	1,727	1,261

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß   4,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	45	94 099	9 244,498	139 217,900	15,060	14,594
1							51	46	93 604	8 778,832	129 973,402	14,805	14,339
2							52	47	93 029	8 329,343	121 194,570	14,550	14,084
3							53	48	92 412	7 898,897	112 865,227	14,289	13,823
4							54	49	91 740	7 485,829	104 966,330	14,022	13,556
5	0	99 535	78 923,190	1 648 658,063	20,889	20,423	55	50	90 984	7 087,506	97 480,501	13,754	13,288
6	1	99 210	75 098,683	1 569 734,873	20,902	20,436	56	51	90 169	6 705,530	90 392,995	13,480	13,014
7	2	99 174	71 666,756	1 494 636,190	20,855	20,389	57	52	89 293	6 339,250	83 687,465	13,201	12,735
8	3	99 151	68 401,124	1 422 969,434	20,803	20,337	58	53	88 332	5 986,622	77 348,214	12,920	12,454
9	4	99 131	65 286,668	1 354 568,310	20,748	20,282	59	54	87 291	5 647,860	71 361,593	12,635	12,169
10	5	99 112	62 313,853	1 289 281,642	20,690	20,224	60	55	86 183	5 323,256	65 713,733	12,345	11,879
11	6	99 093	59 476,836	1 226 967,789	20,629	20,163	61	56	84 985	5 011,238	60 390,476	12,051	11,585
12	7	99 076	56 769,979	1 167 490,953	20,565	20,099	62	57	83 719	4 712,740	55 379,238	11,751	11,285
13	8	99 056	54 185,002	1 110 720,975	20,499	20,033	63	58	82 385	4 427,334	50 666,498	11,444	10,978
14	9	99 038	51 718,380	1 056 535,973	20,429	19,963	64	59	80 984	4 154,720	46 239,165	11,129	10,663
15	10	99 016	49 362,339	1 004 817,593	20,356	19,890	65	60	79 466	3 891,946	42 084,445	10,813	10,347
16	11	98 992	47 112,218	955 455,254	20,280	19,814	66	61	77 847	3 639,788	38 192,499	10,493	10,027
17	12	98 958	44 960,589	908 343,036	20,203	19,737	67	62	76 119	3 397,624	34 552,711	10,170	9,704
18	13	98 916	42 903,808	863 382,447	20,124	19,658	68	63	74 287	3 165,467	31 155,087	9,842	9,376
19	14	98 860	40 934,902	820 478,639	20,043	19,577	69	64	72 373	2 944,089	27 989,620	9,507	9,041
20	15	98 801	39 055,334	779 543,738	19,960	19,494	70	65	70 337	2 731,501	25 045,532	9,169	8,703
21	16	98 735	37 259,587	740 488,403	19,874	19,408	71	66	68 199	2 528,365	22 314,031	8,825	8,359
22	17	98 667	35 545,319	703 228,817	19,784	19,318	72	67	65 930	2 333,412	19 785,665	8,479	8,013
23	18	98 599	33 910,004	667 683,498	19,690	19,224	73	68	63 557	2 147,422	17 452,254	8,127	7,661
24	19	98 525	32 348,005	633 773,494	19,592	19,126	74	69	61 061	1 969,539	15 304,831	7,771	7,305
25	20	98 449	30 857,496	601 425,489	19,490	19,024	75	70	58 366	1 797,255	13 335,292	7,420	6,954
26	21	98 373	29 435,510	570 567,993	19,384	18,918	76	71	55 529	1 632,357	11 538,038	7,068	6,602
27	22	98 295	28 078,520	541 132,483	19,272	18,806	77	72	52 533	1 474,250	9 905,680	6,719	6,253
28	23	98 211	26 782,294	513 053,963	19,156	18,690	78	73	49 352	1 322,185	8 431,430	6,377	5,911
29	24	98 130	25 546,617	486 271,669	19,035	18,569	79	74	45 985	1 176,117	7 109,245	6,045	5,579
30	25	98 045	24 367,215	460 725,052	18,908	18,442	80	75	42 474	1 037,042	5 933,128	5,721	5,255
31	26	97 961	23 242,258	436 357,837	18,774	18,308	81	76	38 858	905,751	4 896,086	5,406	4,940
32	27	97 868	22 167,229	413 115,578	18,636	18,170	82	77	35 145	782,049	3 990,336	5,102	4,636
33	28	97 770	21 140,795	390 948,349	18,493	18,027	83	78	31 426	667,578	3 208,287	4,806	4,340
34	29	97 670	20 161,638	369 807,554	18,342	17,876	84	79	27 744	562,644	2 540,708	4,516	4,050
35	30	97 565	19 226,603	349 645,915	18,186	17,720	85	80	24 112	466,802	1 978,065	4,237	3,771
36	31	97 455	18 334,144	330 419,313	18,022	17,556	86	81	20 595	380,633	1 511,262	3,970	3,504
37	32	97 340	17 482,063	312 085,169	17,852	17,386	87	82	17 243	304,234	1 130,629	3,716	3,250
38	33	97 213	16 667,574	294 603,106	17,675	17,209	88	83	14 089	237,308	826,395	3,482	3,016
39	34	97 071	15 888,464	277 935,531	17,493	17,027	89	84	11 247	180,848	589,087	3,257	2,791
40	35	96 918	15 144,136	262 047,067	17,304	16,838	90	85	8 688	133,372	408,240	3,061	2,595
41	36	96 755	14 433,120	246 902,931	17,107	16,641	91	86	6 567	96,233	274,868	2,856	2,390
42	37	96 577	13 753,225	232 469,811	16,903	16,437	92	87	4 759	66,586	178,634	2,683	2,217
43	38	96 378	13 102,494	218 716,586	16,693	16,227	93	88	3 326	44,419	112,049	2,523	2,057
44	39	96 152	12 479,091	205 614,092	16,477	16,011	94	89	2 234	28,485	67,629	2,374	1,908
45	40	95 898	11 881,648	193 135,000	16,255	15,789	95	90	1 432	17,426	39,144	2,246	1,780
46	41	95 618	11 309,745	181 253,353	16,026	15,560	96	91	880	10,223	21,718	2,124	1,658
47	42	95 305	10 761,554	169 943,608	15,792	15,326	97	92	512	5,676	11,495	2,025	1,559
48	43	94 945	10 234,785	159 182,054	15,553	15,087	98	93	285	3,018	5,819	1,928	1,462
49	44	94 544	9 729,368	148 947,268	15,309	14,843	99	94	151	1,522	2,801	1,840	1,374
							100	95	75	0,726	1,278	1,759	1,293

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß   4,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	44	94 205	9 254,893	139 953,588	15,122	14,656
1							51	45	93 723	8 789,988	130 698,695	14,869	14,403
2							52	46	93 161	8 341,097	121 908,707	14,615	14,149
3							53	47	92 564	7 911,834	113 567,610	14,354	13,888
4							54	48	91 902	7 499,091	105 655,776	14,089	13,623
5							55	49	91 172	7 102,120	98 156,685	13,821	13,355
6	0	99 524	75 336,194	1 570 976,679	20,853	20,387	56	50	90 368	6 720,335	91 054,566	13,549	13,083
7	1	99 200	71 685,678	1 495 640,485	20,864	20,398	57	51	89 512	6 354,799	84 334,231	13,271	12,805
8	2	99 165	68 411,314	1 423 954,807	20,815	20,349	58	52	88 575	6 003,103	77 979,432	12,990	12,524
9	3	99 142	65 293,964	1 355 543,493	20,761	20,295	59	53	87 555	5 664,892	71 976,329	12,706	12,240
10	4	99 124	62 321,280	1 290 249,529	20,703	20,237	60	54	86 458	5 340,298	66 311,437	12,417	11,951
11	5	99 103	59 482,848	1 227 928,249	20,643	20,177	61	55	85 287	5 029,057	60 971,139	12,124	11,658
12	6	99 084	56 774,923	1 168 445,401	20,580	20,114	62	56	84 036	4 730,585	55 942,082	11,826	11,360
13	7	99 065	54 189,653	1 111 670,478	20,514	20,048	63	57	82 715	4 445,099	51 211,497	11,521	11,055
14	8	99 045	51 722,189	1 057 480,825	20,445	19,979	64	58	81 343	4 173,133	46 766,398	11,207	10,741
15	9	99 023	49 365,744	1 005 758,636	20,374	19,908	65	59	79 843	3 910,411	42 593,265	10,892	10,426
16	10	98 999	47 115,562	956 392,892	20,299	19,833	66	60	78 269	3 659,510	38 682,855	10,571	10,104
17	11	98 966	44 964,184	909 277,330	20,222	19,756	67	61	76 559	3 417,262	35 023,344	10,249	9,783
18	12	98 924	42 907,262	864 313,146	20,144	19,678	68	62	74 758	3 185,560	31 606,082	9,922	9,456
19	13	98 869	40 938,569	821 405,884	20,064	19,598	69	63	72 864	2 964,060	28 420,522	9,588	9,122
20	14	98 812	39 059,568	780 467,315	19,981	19,515	70	64	70 858	2 751,725	25 456,462	9,251	8,785
21	15	98 748	37 264,274	741 407,747	19,896	19,430	71	65	68 736	2 548,267	22 704,738	8,910	8,444
22	16	98 682	35 550,789	704 143,473	19,807	19,341	72	66	66 499	2 353,545	20 156,471	8,564	8,098
23	17	98 614	33 915,447	668 592,684	19,714	19,248	73	67	64 143	2 167,214	17 802,926	8,215	7,749
24	18	98 547	32 355,395	634 677,237	19,616	19,150	74	68	61 660	1 988,852	15 635,712	7,862	7,396
25	19	98 469	30 863,870	602 321,842	19,515	19,049	75	69	58 993	1 816,549	13 646,860	7,513	7,047
26	20	98 395	29 442,046	571 457,972	19,410	18,944	76	70	56 181	1 651,523	11 830,311	7,163	6,697
27	21	98 316	28 084,398	542 015,926	19,300	18,834	77	71	53 218	1 493,482	10 178,788	6,815	6,349
28	22	98 233	26 788,303	513 931,528	19,185	18,719	78	72	50 077	1 341,609	8 685,306	6,474	6,008
29	23	98 152	25 552,458	487 143,224	19,064	18,598	79	73	46 745	1 195,558	7 343,698	6,142	5,676
30	24	98 065	24 372,141	461 590,766	18,939	18,473	80	74	43 279	1 056,704	6 148,139	5,818	5,352
31	25	97 983	23 247,372	437 218,625	18,807	18,341	81	75	39 711	925,613	5 091,435	5,501	5,035
32	26	97 891	22 172,477	413 971,252	18,671	18,204	82	76	36 027	801,684	4 165,822	5,196	4,730
33	27	97 796	21 146,476	391 798,776	18,528	18,062	83	77	32 322	686,614	3 364,138	4,900	4,434
34	28	97 695	20 166,738	370 652,299	18,379	17,913	84	78	28 663	581,285	2 677,524	4,606	4,140
35	29	97 593	19 232,121	350 485,561	18,224	17,758	85	79	25 020	484,389	2 096,240	4,328	3,862
36	30	97 483	18 339,334	331 253,440	18,062	17,596	86	80	21 492	397,223	1 611,851	4,058	3,592
37	31	97 370	17 487,345	312 914,106	17,894	17,428	87	81	18 104	319,437	1 214,628	3,802	3,336
38	32	97 248	16 673,485	295 426,761	17,718	17,252	88	82	14 911	251,158	895,192	3,564	3,098
39	33	97 106	15 894,276	278 753,277	17,538	17,072	89	83	11 999	192,948	644,034	3,338	2,872
40	34	96 959	15 150,572	262 859,001	17,350	16,884	90	84	9 365	143,769	451,086	3,138	2,672
41	35	96 794	14 438,863	247 708,429	17,156	16,690	91	85	7 159	104,916	307,317	2,929	2,463
42	36	96 623	13 759,764	233 269,567	16,953	16,487	92	86	5 254	73,512	202,402	2,753	2,287
43	37	96 429	13 109,490	219 509,802	16,744	16,278	93	87	3 730	49,814	128,890	2,587	2,121
44	38	96 206	12 486,043	206 400,312	16,530	16,064	94	88	2 545	32,454	79,076	2,437	1,971
45	39	95 961	11 889,513	193 914,269	16,310	15,844	95	89	1 668	20,299	46,622	2,297	1,831
46	40	95 685	11 317,738	182 024,756	16,083	15,617	96	90	1 041	12,096	26,323	2,176	1,710
47	41	95 381	10 770,186	170 707,018	15,850	15,384	97	91	622	6,902	14,228	2,061	1,595
48	42	95 030	10 243,903	159 936,832	15,613	15,147	98	92	352	3,723	7,325	1,968	1,502
49	43	94 641	9 739,341	149 692,929	15,370	14,904	99	93	190	1,920	3,603	1,876	1,410
							100	94	97	0,938	1,682	1,793	1,327

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß   4,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	43	94 301	9 264,379	140 628,591	15,179	14,713
1							51	44	93 828	8 799,872	131 364,212	14,928	14,462
2							52	45	93 279	8 351,697	122 564,340	14,675	14,209
3							53	46	92 694	7 922,999	114 212,643	14,415	13,949
4							54	47	92 053	7 511,373	106 289,645	14,150	13,684
5							55	48	91 333	7 114,701	98 778,272	13,884	13,418
6							56	49	90 555	6 734,192	91 663,571	13,612	13,146
7	0	99 513	71 912,396	1 496 788,887	20,814	20,348	57	50	89 710	6 368,830	84 929,379	13,335	12,869
8	1	99 192	68 429,377	1 424 876,491	20,823	20,357	58	51	88 792	6 017,827	78 560,549	13,055	12,589
9	2	99 157	65 303,690	1 356 447,115	20,771	20,305	59	52	87 796	5 680,487	72 542,722	12,771	12,305
10	3	99 135	62 328,244	1 291 143,425	20,715	20,249	60	53	86 719	5 356,402	66 862,236	12,483	12,017
11	4	99 115	59 489,938	1 228 815,181	20,656	20,190	61	54	85 560	5 045,157	61 505,833	12,191	11,725
12	5	99 094	56 780,662	1 169 325,242	20,594	20,128	62	55	84 335	4 747,405	56 460,676	11,893	11,427
13	6	99 073	54 194,372	1 112 544,580	20,529	20,063	63	56	83 028	4 461,930	51 713,270	11,590	11,124
14	7	99 054	51 726,628	1 058 350,208	20,460	19,994	64	57	81 669	4 189,878	47 251,340	11,277	10,811
15	8	99 030	49 369,380	1 006 623,579	20,390	19,924	65	58	80 196	3 927,741	43 061,462	10,963	10,497
16	9	99 005	47 118,812	957 254,199	20,316	19,850	66	59	78 640	3 676,873	39 133,721	10,643	10,177
17	10	98 973	44 967,376	910 135,387	20,240	19,774	67	60	76 974	3 435,779	35 456,848	10,320	9,854
18	11	98 932	42 910,693	865 168,011	20,162	19,696	68	61	75 190	3 203,972	32 021,070	9,994	9,528
19	12	98 877	40 941,865	822 257,318	20,084	19,618	69	62	73 327	2 982,875	28 817,097	9,661	9,195
20	13	98 820	39 063,067	781 315,453	20,001	19,535	70	63	71 338	2 770,391	25 834,223	9,325	8,859
21	14	98 758	37 268,314	742 252,386	19,916	19,450	71	64	69 244	2 567,134	23 063,831	8,984	8,518
22	15	98 694	35 555,261	704 984,072	19,828	19,362	72	65	67 022	2 372,070	20 496,697	8,641	8,175
23	16	98 630	33 920,666	669 428,811	19,735	19,269	73	66	64 696	2 185,913	18 124,627	8,292	7,826
24	17	98 563	32 360,588	635 508,145	19,638	19,172	74	67	62 228	2 007,182	15 938,714	7,941	7,475
25	18	98 492	30 870,922	603 147,557	19,538	19,072	75	68	59 571	1 834,362	13 931,532	7,595	7,129
26	19	98 415	29 448,128	572 276,635	19,433	18,967	76	69	56 784	1 669,253	12 097,170	7,247	6,781
27	20	98 338	28 090,634	542 828,507	19,324	18,858	77	70	53 843	1 511,017	10 427,917	6,901	6,435
28	21	98 254	26 793,911	514 737,873	19,211	18,745	78	71	50 730	1 359,110	8 916,901	6,561	6,095
29	22	98 174	25 558,192	487 943,962	19,091	18,625	79	72	47 432	1 213,121	7 557,790	6,230	5,764
30	23	98 088	24 377,714	462 385,770	18,968	18,502	80	73	43 994	1 074,172	6 344,669	5,907	5,441
31	24	98 002	23 252,072	438 008,056	18,837	18,371	81	74	40 463	943,163	5 270,497	5,588	5,122
32	25	97 913	22 177,355	414 755,984	18,702	18,236	82	75	36 818	819,264	4 327,335	5,282	4,816
33	26	97 819	21 151,482	392 578,629	18,560	18,094	83	76	33 133	703,853	3 508,071	4,984	4,518
34	27	97 721	20 172,157	371 427,147	18,413	17,947	84	77	29 481	597,859	2 804,218	4,690	4,224
35	28	97 618	19 236,985	351 254,989	18,259	17,793	85	78	25 849	500,437	2 206,358	4,409	3,943
36	29	97 511	18 344,598	332 018,004	18,099	17,633	86	79	22 302	412,188	1 705,922	4,139	3,673
37	30	97 397	17 492,296	313 673,406	17,932	17,466	87	80	18 894	333,359	1 293,733	3,881	3,415
38	31	97 277	16 678,522	296 181,111	17,758	17,292	88	81	15 656	263,708	960,374	3,642	3,176
39	32	97 141	15 899,912	279 502,589	17,579	17,113	89	82	12 699	204,209	696,666	3,412	2,946
40	33	96 995	15 156,114	263 602,677	17,392	16,926	90	83	9 992	153,388	492,458	3,211	2,745
41	34	96 835	14 444,999	248 446,564	17,199	16,733	91	84	7 717	113,094	339,070	2,998	2,532
42	35	96 661	13 765,239	234 001,565	16,999	16,533	92	85	5 729	80,144	225,976	2,820	2,354
43	36	96 475	13 115,723	220 236,325	16,792	16,326	93	86	4 118	54,995	145,831	2,652	2,186
44	37	96 257	12 492,710	207 120,602	16,579	16,113	94	87	2 854	36,395	90,836	2,496	2,030
45	38	96 015	11 896,136	194 627,892	16,361	15,895	95	88	1 900	23,127	54,440	2,354	1,888
46	39	95 749	11 325,230	182 731,756	16,135	15,669	96	89	1 212	14,089	31,313	2,222	1,756
47	40	95 449	10 777,798	171 406,526	15,904	15,438	97	90	736	8,166	17,224	2,109	1,643
48	41	95 106	10 252,120	160 628,729	15,668	15,202	98	91	427	4,527	9,058	2,001	1,535
49	42	94 725	9 748,017	150 376,608	15,426	14,960	99	92	234	2,369	4,531	1,913	1,447
							100	93	123	1,184	2,162	1,826	1,360

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß   4,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	42	94 385	9 272,632	141 247,128	15,233	14,767
1							51	43	93 924	8 808,892	131 974,496	14,982	14,516
2							52	44	93 384	8 361,088	123 165,605	14,731	14,265
3							53	45	92 812	7 933,067	114 804,517	14,472	14,006
4							54	46	92 183	7 521,972	106 871,450	14,208	13,742
5							55	47	91 483	7 126,354	99 349,477	13,941	13,475
6							56	48	90 715	6 746,122	92 223,124	13,671	13,205
7							57	49	89 895	6 381,962	85 477,002	13,394	12,928
8	0	99 505	68 645,795	1 425 938,454	20,772	20,306	58	50	88 988	6 031,114	79 095,040	13,115	12,648
9	1	99 183	65 320,932	1 357 292,659	20,779	20,313	59	51	88 011	5 694,420	73 063,927	12,831	12,365
10	2	99 149	62 337,529	1 291 971,727	20,725	20,259	60	52	86 958	5 371,148	67 369,507	12,543	12,077
11	3	99 126	59 496,586	1 229 634,198	20,667	20,201	61	53	85 818	5 060,372	61 998,359	12,252	11,786
12	4	99 106	56 787,430	1 170 137,612	20,606	20,140	62	54	84 605	4 762,604	56 937,987	11,955	11,489
13	5	99 083	54 199,851	1 113 350,182	20,542	20,076	63	55	83 324	4 477,796	52 175,383	11,652	11,186
14	6	99 062	51 731,134	1 059 150,331	20,474	20,008	64	56	81 979	4 205,743	47 697,588	11,341	10,875
15	7	99 039	49 373,618	1 007 419,197	20,404	19,938	65	57	80 518	3 943,502	43 491,844	11,029	10,563
16	8	99 013	47 122,283	958 045,579	20,331	19,865	66	58	78 989	3 693,168	39 548,343	10,709	10,243
17	9	98 980	44 970,478	910 923,297	20,256	19,790	67	59	77 339	3 452,079	35 855,175	10,387	9,921
18	10	98 939	42 913,739	865 952,819	20,179	19,713	68	60	75 598	3 221,333	32 403,096	10,059	9,593
19	11	98 885	40 945,139	823 039,080	20,101	19,635	69	61	73 751	3 000,116	29 181,762	9,727	9,261
20	12	98 828	39 066,212	782 093,941	20,020	19,554	70	62	71 791	2 787,977	26 181,647	9,391	8,925
21	13	98 767	37 271,652	743 027,729	19,935	19,469	71	63	69 714	2 584,548	23 393,670	9,051	8,585
22	14	98 705	35 559,115	705 756,077	19,847	19,381	72	64	67 518	2 389,633	20 809,122	8,708	8,242
23	15	98 642	33 924,934	670 196,962	19,755	19,289	73	65	65 205	2 203,119	18 419,489	8,361	7,895
24	16	98 578	32 365,568	636 272,028	19,659	19,193	74	66	62 765	2 024,500	16 216,370	8,010	7,544
25	17	98 508	30 875,876	603 906,459	19,559	19,093	75	67	60 120	1 851,269	14 191,870	7,666	7,200
26	18	98 438	29 454,856	573 030,583	19,455	18,989	76	68	57 341	1 685,621	12 340,601	7,321	6,855
27	19	98 358	28 096,437	543 575,727	19,347	18,881	77	69	54 421	1 527,238	10 654,980	6,977	6,511
28	20	98 276	26 799,860	515 479,290	19,234	18,768	78	70	51 326	1 375,067	9 127,742	6,638	6,172
29	21	98 195	25 563,542	488 679,430	19,116	18,650	79	71	48 051	1 228,947	7 752,674	6,308	5,842
30	22	98 110	24 383,184	463 115,888	18,993	18,527	80	72	44 641	1 089,952	6 523,727	5,985	5,519
31	23	98 025	23 257,389	438 732,704	18,864	18,398	81	73	41 132	958,753	5 433,776	5,668	5,202
32	24	97 932	22 181,839	415 475,316	18,730	18,264	82	74	37 516	834,797	4 475,023	5,361	4,895
33	25	97 841	21 156,136	393 293,477	18,590	18,124	83	75	33 860	719,288	3 640,225	5,061	4,595
34	26	97 744	20 176,932	372 137,341	18,444	17,978	84	76	30 221	612,870	2 920,938	4,766	4,300
35	27	97 644	19 242,155	351 960,408	18,291	17,825	85	77	26 586	514,706	2 308,067	4,484	4,018
36	28	97 536	18 349,238	332 718,254	18,133	17,667	86	78	23 041	425,844	1 793,361	4,211	3,745
37	29	97 425	17 497,316	314 369,016	17,967	17,501	87	79	19 605	345,918	1 367,517	3,953	3,487
38	30	97 305	16 683,244	296 871,700	17,795	17,329	88	80	16 338	275,202	1 021,599	3,712	3,246
39	31	97 170	15 904,715	280 188,456	17,617	17,151	89	81	13 334	214,413	746,397	3,481	3,015
40	32	97 029	15 161,488	264 283,741	17,431	16,965	90	82	10 575	162,340	531,984	3,277	2,811
41	33	96 871	14 450,282	249 122,253	17,240	16,774	91	83	8 233	120,661	369,644	3,063	2,597
42	34	96 702	13 771,089	234 671,971	17,041	16,575	92	84	6 175	86,392	248,984	2,882	2,416
43	35	96 514	13 120,942	220 900,882	16,836	16,370	93	85	4 489	59,957	162,592	2,712	2,246
44	36	96 303	12 498,649	207 779,939	16,624	16,158	94	86	3 151	40,181	102,635	2,554	2,088
45	37	96 066	11 902,488	195 281,290	16,407	15,941	95	87	2 131	25,936	62,453	2,408	1,942
46	38	95 802	11 331,538	183 378,802	16,183	15,717	96	88	1 381	16,052	36,517	2,275	1,809
47	39	95 512	10 784,932	172 047,263	15,953	15,487	97	89	858	9,513	20,465	2,151	1,685
48	40	95 173	10 259,366	161 262,331	15,719	15,253	98	90	506	5,356	10,952	2,045	1,579
49	41	94 801	9 755,837	151 002,965	15,478	15,012	99	91	285	2,880	5,596	1,943	1,477
							100	92	151	1,460	2,716	1,860	1,394

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß   4,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	41	94 461	9 280,070	141 813,554	15,282	14,816
1							51	42	94 008	8 816,739	132 533,483	15,032	14,566
2							52	43	93 480	8 369,658	123 716,744	14,782	14,316
3							53	44	92 917	7 941,988	115 347,086	14,524	14,058
4							54	45	92 300	7 531,531	107 405,099	14,261	13,795
5							55	46	91 612	7 136,410	99 873,568	13,995	13,529
6							56	47	90 864	6 757,170	92 737,158	13,724	13,258
7							57	48	90 054	6 393,268	85 979,987	13,449	12,983
8							58	49	89 171	6 043,549	79 586,720	13,169	12,703
9	0	99 497	65 527,520	1 358 274,731	20,728	20,262	59	50	88 205	5 706,992	73 543,171	12,887	12,420
10	1	99 176	62 353,988	1 292 747,211	20,732	20,266	60	51	87 171	5 384,322	67 836,178	12,599	12,133
11	2	99 140	59 505,449	1 230 393,223	20,677	20,211	61	52	86 054	5 074,303	62 451,856	12,307	11,841
12	3	99 117	56 793,776	1 170 887,774	20,616	20,150	62	53	84 860	4 776,966	57 377,553	12,011	11,545
13	4	99 095	54 206,311	1 114 093,998	20,553	20,087	63	54	83 590	4 492,131	52 600,587	11,709	11,243
14	5	99 072	51 736,363	1 059 887,687	20,486	20,020	64	55	82 270	4 220,698	48 108,456	11,398	10,932
15	6	99 047	49 377,918	1 008 151,324	20,417	19,951	65	56	80 823	3 958,434	43 887,758	11,087	10,621
16	7	99 021	47 126,327	958 773,406	20,345	19,879	66	57	79 306	3 707,987	39 929,325	10,768	10,302
17	8	98 987	44 973,790	911 647,079	20,271	19,805	67	58	77 682	3 467,379	36 221,338	10,446	9,980
18	9	98 946	42 916,699	866 673,288	20,194	19,728	68	59	75 957	3 236,617	32 753,959	10,120	9,654
19	10	98 892	40 948,045	823 756,589	20,117	19,651	69	60	74 150	3 016,372	29 517,343	9,786	9,320
20	11	98 836	39 069,336	782 808,544	20,036	19,570	70	61	72 206	2 804,091	26 500,971	9,451	8,985
21	12	98 775	37 274,653	743 739,208	19,953	19,487	71	62	70 157	2 600,954	23 696,880	9,111	8,645
22	13	98 714	35 562,301	706 464,555	19,866	19,400	72	63	67 976	2 405,843	21 095,925	8,769	8,303
23	14	98 653	33 928,611	670 902,254	19,774	19,308	73	64	65 688	2 219,430	18 690,082	8,421	7,955
24	15	98 590	32 369,640	636 973,643	19,678	19,212	74	65	63 259	2 040,436	16 470,652	8,072	7,606
25	16	98 523	30 880,628	604 604,003	19,579	19,113	75	66	60 639	1 867,241	14 430,216	7,728	7,262
26	17	98 454	29 459,583	573 723,375	19,475	19,009	76	67	57 870	1 701,157	12 562,975	7,385	6,919
27	18	98 381	28 102,856	544 263,791	19,367	18,901	77	68	54 955	1 542,214	10 861,818	7,043	6,577
28	19	98 296	26 805,397	516 160,935	19,256	18,790	78	69	51 877	1 389,830	9 319,604	6,706	6,240
29	20	98 216	25 569,218	489 355,539	19,138	18,672	79	70	48 615	1 243,376	7 929,774	6,378	5,912
30	21	98 130	24 388,288	463 786,321	19,017	18,551	80	71	45 223	1 104,170	6 686,399	6,056	5,590
31	22	98 047	23 262,607	439 398,033	18,889	18,423	81	72	41 737	972,837	5 582,228	5,738	5,272
32	23	97 955	22 186,910	416 135,426	18,756	18,290	82	73	38 136	848,597	4 609,391	5,432	4,966
33	24	97 860	21 160,413	393 948,515	18,617	18,151	83	74	34 502	732,926	3 760,794	5,131	4,665
34	25	97 766	20 181,372	372 788,102	18,472	18,006	84	75	30 884	626,310	3 027,869	4,834	4,368
35	26	97 667	19 246,710	352 606,730	18,320	17,854	85	76	27 253	527,629	2 401,559	4,552	4,086
36	27	97 562	18 354,168	333 360,020	18,163	17,697	86	77	23 698	437,987	1 873,930	4,279	3,812
37	28	97 450	17 501,742	315 005,852	17,999	17,533	87	78	20 255	357,379	1 435,943	4,018	3,552
38	29	97 333	16 688,032	297 504,110	17,827	17,361	88	79	16 954	285,569	1 078,564	3,777	3,311
39	30	97 198	15 909,218	280 816,078	17,651	17,185	89	80	13 915	223,758	792,995	3,544	3,078
40	31	97 059	15 166,068	264 906,860	17,467	17,001	90	81	11 104	170,452	569,237	3,340	2,874
41	32	96 905	14 455,406	249 740,792	17,277	16,811	91	82	8 714	127,703	398,785	3,123	2,657
42	33	96 738	13 776,126	235 285,385	17,079	16,613	92	83	6 588	92,172	271,082	2,941	2,475
43	34	96 555	13 126,518	221 509,259	16,875	16,409	93	84	4 839	64,631	178,909	2,768	2,302
44	35	96 341	12 503,623	208 382,741	16,666	16,200	94	85	3 436	43,807	114,279	2,609	2,143
45	36	96 112	11 908,147	195 879,119	16,449	15,983	95	86	2 352	28,634	70,472	2,461	1,995
46	37	95 853	11 337,589	183 970,971	16,227	15,761	96	87	1 549	18,002	41,838	2,324	1,858
47	38	95 565	10 790,940	172 633,382	15,998	15,532	97	88	977	10,838	23,836	2,199	1,733
48	39	95 236	10 266,157	161 842,442	15,765	15,299	98	89	589	6,239	12,998	2,083	1,617
49	40	94 868	9 762,731	151 576,285	15,526	15,060	99	90	337	3,408	6,759	1,983	1,517
							100	91	184	1,776	3,352	1,888	1,422

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß   4,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	40	94 528	9 286,629	142 331,838	15,327	14,861
1							51	41	94 083	8 823,812	133 045,209	15,078	14,612
2							52	42	93 563	8 377,114	124 221,398	14,829	14,363
3							53	43	93 012	7 950,128	115 844,283	14,571	14,105
4							54	44	92 404	7 540,000	107 894,155	14,310	13,844
5							55	45	91 728	7 145,479	100 354,156	14,044	13,578
6							56	46	90 992	6 766,705	93 208,677	13,775	13,309
7							57	47	90 201	6 403,738	86 441,971	13,499	13,033
8							58	48	89 329	6 054,256	80 038,233	13,220	12,754
9							59	49	88 387	5 718,760	73 983,977	12,937	12,471
10	0	99 489	62 551,192	1 293 655,521	20,682	20,216	60	50	87 364	5 396,210	68 265,217	12,651	12,185
11	1	99 167	59 521,160	1 231 104,329	20,683	20,217	61	51	86 265	5 086,749	62 869,007	12,359	11,893
12	2	99 132	56 802,236	1 171 583,168	20,626	20,160	62	52	85 093	4 790,117	57 782,258	12,063	11,597
13	3	99 106	54 212,368	1 114 780,932	20,563	20,097	63	53	83 842	4 505,678	52 992,142	11,761	11,295
14	4	99 084	51 742,530	1 060 568,564	20,497	20,031	64	54	82 534	4 234,210	48 486,464	11,451	10,985
15	5	99 057	49 382,909	1 008 826,034	20,429	19,963	65	55	81 110	3 972,509	44 252,254	11,140	10,674
16	6	99 030	47 130,432	959 443,125	20,357	19,891	66	56	79 606	3 722,028	40 279,745	10,822	10,356
17	7	98 995	44 977,650	912 312,693	20,284	19,818	67	57	77 994	3 481,292	36 557,718	10,501	10,035
18	8	98 953	42 919,860	867 335,043	20,208	19,742	68	58	76 293	3 250,961	33 076,426	10,174	9,708
19	9	98 899	40 950,870	824 415,182	20,132	19,666	69	59	74 502	3 030,683	29 825,465	9,841	9,375
20	10	98 843	39 072,109	783 464,313	20,052	19,586	70	60	72 597	2 819,285	26 794,782	9,504	9,038
21	11	98 783	37 277,634	744 392,203	19,969	19,503	71	61	70 562	2 615,987	23 975,497	9,165	8,699
22	12	98 722	35 565,164	707 114,570	19,882	19,416	72	62	68 408	2 421,114	21 359,510	8,822	8,356
23	13	98 661	33 931,651	671 549,406	19,791	19,325	73	63	66 134	2 234,486	18 938,395	8,476	8,009
24	14	98 601	32 373,149	637 617,755	19,696	19,230	74	64	63 727	2 055,543	16 703,909	8,126	7,660
25	15	98 535	30 884,513	605 244,606	19,597	19,131	75	65	61 116	1 881,939	14 648,366	7,784	7,318
26	16	98 469	29 464,117	574 360,093	19,494	19,028	76	66	58 369	1 715,834	12 766,427	7,440	6,974
27	17	98 396	28 107,366	544 895,976	19,386	18,920	77	67	55 461	1 556,428	11 050,593	7,100	6,634
28	18	98 318	26 811,521	516 788,610	19,275	18,809	78	68	52 386	1 403,458	9 494,165	6,765	6,299
29	19	98 237	25 574,500	489 977,089	19,159	18,693	79	69	49 137	1 256,724	8 090,707	6,438	5,972
30	20	98 152	24 393,703	464 402,589	19,038	18,572	80	70	45 754	1 117,134	6 833,983	6,117	5,651
31	21	98 067	23 267,477	440 008,886	18,911	18,445	81	71	42 281	985,528	5 716,848	5,801	5,335
32	22	97 977	22 191,889	416 741,409	18,779	18,313	82	72	38 696	861,063	4 731,320	5,495	5,029
33	23	97 883	21 165,251	394 549,520	18,641	18,175	83	73	35 072	745,041	3 870,257	5,195	4,729
34	24	97 786	20 185,452	373 384,269	18,498	18,032	84	74	31 469	638,185	3 125,216	4,897	4,431
35	25	97 688	19 250,945	353 198,817	18,347	17,881	85	75	27 851	539,199	2 487,032	4,612	4,146
36	26	97 585	18 358,513	333 947,872	18,190	17,724	86	76	24 293	448,984	1 947,832	4,338	3,872
37	27	97 476	17 506,445	315 589,359	18,027	17,561	87	77	20 832	367,569	1 498,849	4,078	3,612
38	28	97 357	16 692,253	298 082,914	17,858	17,392	88	78	17 515	295,030	1 131,279	3,834	3,368
39	29	97 226	15 913,784	281 390,661	17,682	17,216	89	79	14 439	232,188	836,249	3,602	3,136
40	30	97 086	15 170,362	265 476,877	17,500	17,034	90	80	11 588	177,881	604,061	3,396	2,930
41	31	96 934	14 459,773	250 306,515	17,311	16,845	91	81	9 149	134,084	426,180	3,178	2,712
42	32	96 772	13 781,011	235 846,741	17,114	16,648	92	82	6 973	97,552	292,096	2,994	2,528
43	33	96 590	13 131,319	222 065,730	16,911	16,445	93	83	5 163	68,955	194,544	2,821	2,355
44	34	96 382	12 508,936	208 934,411	16,703	16,237	94	84	3 704	47,222	125,589	2,660	2,194
45	35	96 150	11 912,886	196 425,475	16,488	16,022	95	85	2 565	31,217	78,367	2,510	2,044
46	36	95 899	11 342,979	184 512,589	16,267	15,801	96	86	1 710	19,874	47,150	2,372	1,906
47	37	95 616	10 796,702	173 169,610	16,039	15,573	97	87	1 096	12,154	27,276	2,244	1,778
48	38	95 289	10 271,876	162 372,908	15,808	15,342	98	88	671	7,108	15,122	2,127	1,661
49	39	94 931	9 769,194	152 101,032	15,569	15,103	99	89	393	3,970	8,013	2,019	1,553
							100	90	218	2,101	4,044	1,925	1,459

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß   4,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	39	94 590	9 292,776	142 806,108	15,367	14,901
1							51	40	94 150	8 830,048	133 513,332	15,120	14,654
2							52	41	93 638	8 383,834	124 683,284	14,872	14,406
3							53	42	93 095	7 957,211	116 299,450	14,616	14,150
4							54	43	92 498	7 547,728	108 342,240	14,354	13,888
5							55	44	91 831	7 153,514	100 794,511	14,090	13,624
6							56	45	91 108	6 775,305	93 640,998	13,821	13,355
7							57	46	90 329	6 412,775	86 865,693	13,546	13,080
8							58	47	89 476	6 064,171	80 452,918	13,267	12,801
9							59	48	88 544	5 728,891	74 388,747	12,985	12,519
10							60	49	87 544	5 407,337	68 659,856	12,698	12,232
11	0	99 480	59 709,405	1 231 944,591	20,632	20,166	61	50	86 456	5 097,980	63 252,520	12,407	11,941
12	1	99 158	56 817,234	1 172 235,186	20,632	20,166	62	51	85 302	4 801,866	58 154,540	12,111	11,645
13	2	99 121	54 220,444	1 115 417,952	20,572	20,106	63	52	84 073	4 518,081	53 352,674	11,809	11,343
14	3	99 095	51 748,312	1 061 197,508	20,507	20,041	64	53	82 782	4 246,979	48 834,593	11,499	11,033
15	4	99 069	49 388,796	1 009 449,196	20,439	19,973	65	54	81 370	3 985,227	44 587,614	11,188	10,722
16	5	99 040	47 135,196	960 060,401	20,368	19,902	66	55	79 889	3 735,262	40 602,387	10,870	10,404
17	6	99 004	44 981,568	912 925,205	20,296	19,830	67	56	78 289	3 494,474	36 867,125	10,550	10,084
18	7	98 962	42 923,544	867 943,637	20,221	19,755	68	57	76 599	3 264,006	33 372,652	10,224	9,758
19	8	98 906	40 953,886	825 020,092	20,145	19,679	69	58	74 832	3 044,115	30 108,646	9,891	9,425
20	9	98 850	39 074,805	784 066,207	20,066	19,600	70	59	72 942	2 832,661	27 064,531	9,554	9,088
21	10	98 790	37 280,280	744 991,402	19,984	19,518	71	60	70 945	2 630,162	24 231,870	9,213	8,747
22	11	98 730	35 568,008	707 711,122	19,897	19,431	72	61	68 803	2 435,108	21 601,708	8,871	8,405
23	12	98 669	33 934,382	672 143,114	19,807	19,341	73	62	66 553	2 248,670	19 166,600	8,524	8,058
24	13	98 610	32 376,049	638 208,732	19,712	19,246	74	63	64 160	2 069,487	16 917,930	8,175	7,709
25	14	98 546	30 887,861	605 832,683	19,614	19,148	75	64	61 569	1 895,873	14 848,443	7,832	7,366
26	15	98 481	29 467,824	574 944,822	19,511	19,045	76	65	58 828	1 729,340	12 952,571	7,490	7,024
27	16	98 411	28 111,692	545 476,998	19,404	18,938	77	66	55 940	1 569,857	11 223,230	7,149	6,683
28	17	98 334	26 815,824	517 365,306	19,293	18,827	78	67	52 869	1 416,393	9 653,373	6,815	6,349
29	18	98 259	25 580,343	490 549,482	19,177	18,711	79	68	49 619	1 269,047	8 236,980	6,491	6,025
30	19	98 172	24 398,742	464 969,139	19,057	18,591	80	69	46 245	1 129,127	6 967,933	6,171	5,705
31	20	98 089	23 272,643	440 570,397	18,931	18,465	81	70	42 777	997,099	5 838,806	5,856	5,390
32	21	97 997	22 196,534	417 297,753	18,800	18,334	82	71	39 201	872,296	4 841,706	5,551	5,085
33	22	97 905	21 170,000	395 101,219	18,663	18,197	83	72	35 588	755,986	3 969,411	5,251	4,785
34	23	97 808	20 190,067	373 931,219	18,521	18,055	84	73	31 989	648,734	3 213,425	4,953	4,487
35	24	97 708	19 254,837	353 741,152	18,372	17,906	85	74	28 379	549,423	2 564,691	4,668	4,202
36	25	97 606	18 362,553	334 486,315	18,216	17,750	86	75	24 825	458,829	2 015,268	4,392	3,926
37	26	97 499	17 510,589	316 123,762	18,053	17,587	87	76	21 355	376,798	1 556,439	4,131	3,665
38	27	97 383	16 696,738	298 613,173	17,885	17,419	88	77	18 015	303,443	1 179,641	3,888	3,422
39	28	97 250	15 917,809	281 916,435	17,711	17,245	89	78	14 918	239,880	876,198	3,653	3,187
40	29	97 114	15 174,716	265 998,625	17,529	17,063	90	79	12 024	184,583	636,317	3,447	2,981
41	30	96 962	14 463,867	250 823,909	17,341	16,875	91	80	9 548	139,928	451,735	3,228	2,762
42	31	96 801	13 785,175	236 360,042	17,146	16,680	92	81	7 321	102,426	311,806	3,044	2,578
43	32	96 624	13 135,976	222 574,868	16,944	16,478	93	82	5 464	72,980	209,380	2,869	2,403
44	33	96 418	12 513,512	209 438,892	16,737	16,271	94	83	3 951	50,381	136,401	2,707	2,241
45	34	96 191	11 917,948	196 925,381	16,523	16,057	95	84	2 765	33,650	86,020	2,556	2,090
46	35	95 937	11 347,493	185 007,433	16,304	15,838	96	85	1 865	21,668	52,369	2,417	1,951
47	36	95 661	10 801,835	173 659,940	16,077	15,611	97	86	1 210	13,418	30,702	2,288	1,822
48	37	95 340	10 277,361	162 858,104	15,846	15,380	98	87	753	7,971	17,283	2,168	1,702
49	38	94 983	9 774,636	152 580,744	15,610	15,144	99	88	447	4,523	9,312	2,059	1,593
							100	89	254	2,447	4,789	1,957	1,491

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß   4,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	38	94 643	9 297,952	143 239,593	15,405	14,939
1							51	39	94 212	8 835,893	133 941,641	15,159	14,693
2							52	40	93 704	8 389,759	125 105,748	14,912	14,446
3							53	41	93 169	7 963,593	116 715,989	14,656	14,190
4							54	42	92 581	7 554,452	108 752,396	14,396	13,930
5							55	43	91 926	7 160,846	101 197,943	14,132	13,666
6							56	44	91 210	6 782,923	94 037,098	13,864	13,398
7							57	45	90 443	6 420,924	87 254,174	13,589	13,123
8							58	46	89 602	6 072,728	80 833,250	13,311	12,845
9							59	47	88 689	5 738,273	74 760,522	13,028	12,562
10							60	48	87 699	5 416,916	69 022,248	12,742	12,276
11							61	49	86 634	5 108,491	63 605,332	12,451	11,985
12	0	99 472	56 996,927	1 173 012,705	20,580	20,114	62	50	85 490	4 812,468	58 496,841	12,155	11,689
13	1	99 147	54 234,760	1 116 015,778	20,578	20,111	63	51	84 280	4 529,163	53 684,373	11,853	11,387
14	2	99 110	51 756,020	1 061 781,018	20,515	20,049	64	52	83 010	4 258,670	49 155,210	11,542	11,076
15	3	99 080	49 394,315	1 010 024,998	20,448	19,982	65	53	81 616	3 997,244	44 896,539	11,232	10,766
16	4	99 052	47 140,814	960 630,683	20,378	19,912	66	54	80 145	3 747,220	40 899,295	10,915	10,449
17	5	99 014	44 986,115	913 489,869	20,306	19,840	67	55	78 568	3 506,899	37 152,075	10,594	10,128
18	6	98 971	42 927,283	868 503,754	20,232	19,766	68	56	76 889	3 276,365	33 645,176	10,269	9,803
19	7	98 914	40 957,401	825 576,471	20,157	19,691	69	57	75 133	3 056,329	30 368,811	9,936	9,470
20	8	98 857	39 077,682	784 619,070	20,078	19,612	70	58	73 265	2 845,215	27 312,481	9,599	9,133
21	9	98 797	37 282,851	745 541,388	19,997	19,531	71	59	71 281	2 642,641	24 467,266	9,259	8,793
22	10	98 737	35 570,533	708 258,536	19,911	19,445	72	60	69 176	2 448,303	21 824,626	8,914	8,448
23	11	98 677	33 937,096	672 688,004	19,822	19,356	73	61	66 938	2 261,667	19 376,322	8,567	8,101
24	12	98 618	32 378,656	638 750,907	19,728	19,262	74	62	64 567	2 082,623	17 114,655	8,218	7,752
25	13	98 555	30 890,628	606 372,252	19,630	19,164	75	63	61 987	1 908,733	15 032,032	7,875	7,409
26	14	98 492	29 471,018	575 481,624	19,527	19,061	76	64	59 264	1 742,144	13 123,299	7,533	7,067
27	15	98 424	28 115,229	546 010,606	19,420	18,954	77	65	56 380	1 582,214	11 381,155	7,193	6,727
28	16	98 349	26 819,951	517 895,377	19,310	18,844	78	66	53 325	1 428,614	9 798,941	6,859	6,393
29	17	98 275	25 584,449	491 075,426	19,194	18,728	79	67	50 076	1 280,744	8 370,327	6,536	6,070
30	18	98 195	24 404,317	465 490,978	19,074	18,608	80	68	46 699	1 140,199	7 089,584	6,218	5,752
31	19	98 109	23 277,451	441 086,661	18,949	18,483	81	69	43 237	1 007,804	5 949,384	5,903	5,437
32	20	98 019	22 201,463	417 809,210	18,819	18,353	82	70	39 661	882,537	4 941,581	5,599	5,133
33	21	97 925	21 174,432	395 607,747	18,683	18,217	83	71	36 052	765,848	4 059,043	5,300	4,834
34	22	97 830	20 194,597	374 433,315	18,541	18,075	84	72	32 459	658,264	3 293,196	5,003	4,537
35	23	97 731	19 259,239	354 238,718	18,393	17,927	85	73	28 848	558,505	2 634,932	4,718	4,252
36	24	97 626	18 366,265	334 979,479	18,239	17,773	86	74	25 296	467,529	2 076,427	4,441	3,975
37	25	97 520	17 514,442	316 613,214	18,077	17,611	87	75	21 824	385,061	1 608,898	4,178	3,712
38	26	97 406	16 700,691	299 098,772	17,909	17,443	88	76	18 467	311,062	1 223,837	3,934	3,468
39	27	97 276	15 922,087	282 398,081	17,736	17,270	89	77	15 343	246,720	912,775	3,700	3,234
40	28	97 139	15 178,554	266 475,994	17,556	17,090	90	78	12 423	190,698	666,055	3,493	3,027
41	29	96 989	14 468,018	251 297,440	17,369	16,903	91	79	9 908	145,200	475,357	3,274	2,808
42	30	96 829	13 789,077	236 829,422	17,175	16,709	92	80	7 640	106,890	330,157	3,089	2,623
43	31	96 653	13 139,944	223 040,344	16,974	16,508	93	81	5 737	76,626	223,267	2,914	2,448
44	32	96 452	12 517,949	209 900,400	16,768	16,302	94	82	4 182	53,321	146,640	2,750	2,284
45	33	96 226	11 922,307	197 382,451	16,556	16,090	95	83	2 950	35,902	93,319	2,599	2,133
46	34	95 978	11 352,315	185 460,144	16,337	15,871	96	84	2 010	23,357	57,417	2,458	1,992
47	35	95 700	10 806,133	174 107,829	16,112	15,646	97	85	1 319	14,629	34,060	2,328	1,862
48	36	95 385	10 282,247	163 301,696	15,882	15,416	98	86	831	8,801	19,431	2,208	1,742
49	37	95 034	9 779,855	153 019,449	15,646	15,180	99	87	502	5,072	10,631	2,096	1,630
							100	88	289	2,788	5,559	1,994	1,528

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß   4,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	37	94 694	9 302,917	143 635,987	15,440	14,974
1							51	38	94 264	8 840,815	134 333,070	15,195	14,729
2							52	39	93 766	8 395,313	125 492,255	14,948	14,482
3							53	40	93 235	7 969,221	117 096,942	14,694	14,228
4							54	41	92 655	7 560,512	109 127,721	14,434	13,968
5							55	42	92 007	7 167,225	101 567,209	14,171	13,705
6							56	43	91 304	6 789,876	94 399,983	13,903	13,437
7							57	44	90 545	6 428,144	87 610,108	13,629	13,163
8							58	45	89 716	6 080,446	81 181,963	13,351	12,885
9							59	46	88 814	5 746,371	75 101,518	13,069	12,603
10							60	47	87 843	5 425,788	69 355,147	12,783	12,316
11							61	48	86 788	5 117,541	63 929,359	12,492	12,026
12							62	49	85 667	4 822,391	58 811,818	12,196	11,730
13	0	99 461	54 406,286	1 116 735,462	20,526	20,060	63	50	84 466	4 539,163	53 989,427	11,894	11,428
14	1	99 136	51 769,686	1 062 329,176	20,520	20,054	64	51	83 214	4 269,116	49 450,264	11,583	11,117
15	2	99 095	49 401,672	1 010 559,491	20,456	19,990	65	52	81 840	4 008,249	45 181,148	11,272	10,806
16	3	99 063	47 146,082	961 157,818	20,387	19,921	66	53	80 386	3 758,521	41 172,900	10,955	10,489
17	4	99 026	44 991,477	914 011,736	20,315	19,849	67	54	78 819	3 518,126	37 414,379	10,635	10,169
18	5	98 981	42 931,622	869 020,259	20,242	19,776	68	55	77 163	3 288,015	33 896,253	10,309	9,843
19	6	98 923	40 960,968	826 088,637	20,168	19,702	69	56	75 417	3 067,902	30 608,238	9,977	9,511
20	7	98 866	39 081,037	785 127,669	20,090	19,624	70	57	73 559	2 856,632	27 540,336	9,641	9,175
21	8	98 804	37 285,597	746 046,632	20,009	19,543	71	58	71 597	2 654,353	24 683,704	9,299	8,833
22	9	98 744	35 572,987	708 761,035	19,924	19,458	72	59	69 504	2 459,919	22 029,352	8,955	8,489
23	10	98 684	33 939,505	673 188,048	19,835	19,369	73	60	67 301	2 273,922	19 569,433	8,606	8,140
24	11	98 626	32 381,245	639 248,543	19,741	19,275	74	61	64 940	2 094,661	17 295,511	8,257	7,791
25	12	98 563	30 893,115	606 867,298	19,644	19,178	75	62	62 380	1 920,849	15 200,850	7,914	7,448
26	13	98 501	29 473,658	575 974,183	19,542	19,076	76	63	59 666	1 753,962	13 280,001	7,571	7,105
27	14	98 435	28 118,276	546 500,525	19,436	18,970	77	64	56 798	1 593,928	11 526,039	7,231	6,765
28	15	98 362	26 823,325	518 382,249	19,326	18,860	78	65	53 745	1 439,859	9 932,110	6,898	6,432
29	16	98 290	25 588,386	491 558,924	19,210	18,744	79	66	50 508	1 291,794	8 492,252	6,574	6,108
30	17	98 210	24 408,233	465 970,538	19,091	18,625	80	67	47 129	1 150,708	7 200,458	6,257	5,791
31	18	98 132	23 282,769	441 562,304	18,965	18,499	81	68	43 661	1 017,686	6 049,750	5,945	5,479
32	19	98 039	22 206,049	418 279,535	18,836	18,370	82	69	40 087	892,012	5 032,063	5,641	5,175
33	20	97 947	21 179,134	396 073,486	18,701	18,235	83	70	36 475	774,840	4 140,052	5,343	4,877
34	21	97 851	20 198,825	374 894,353	18,560	18,094	84	71	32 883	666,851	3 365,212	5,046	4,580
35	22	97 752	19 263,560	354 695,528	18,413	17,947	85	72	29 272	566,709	2 698,361	4,761	4,295
36	23	97 648	18 370,464	335 431,967	18,259	17,793	86	73	25 714	475,257	2 131,652	4,485	4,019
37	24	97 540	17 517,983	317 061,503	18,099	17,633	87	74	22 238	392,362	1 656,395	4,222	3,756
38	25	97 428	16 704,366	299 543,520	17,932	17,466	88	75	18 872	317,883	1 264,033	3,976	3,510
39	26	97 299	15 925,856	282 839,155	17,760	17,294	89	76	15 728	252,915	946,150	3,741	3,275
40	27	97 165	15 182,633	266 913,299	17,580	17,114	90	77	12 777	196,136	693,235	3,534	3,068
41	28	97 014	14 471,678	251 730,666	17,395	16,929	91	78	10 236	150,010	497,099	3,314	2,848
42	29	96 857	13 793,035	237 258,988	17,201	16,735	92	79	7 928	110,917	347,089	3,129	2,663
43	30	96 681	13 143,664	223 465,953	17,002	16,536	93	80	5 987	79,966	236,172	2,953	2,487
44	31	96 481	12 521,731	210 322,289	16,797	16,331	94	81	4 391	55,986	156,205	2,790	2,324
45	32	96 260	11 926,535	197 800,558	16,585	16,119	95	82	3 122	37,997	100,220	2,638	2,172
46	33	96 013	11 356,467	185 874,023	16,367	15,901	96	83	2 144	24,919	62,222	2,497	2,031
47	34	95 740	10 810,726	174 517,556	16,143	15,677	97	84	1 422	15,769	37,303	2,366	1,900
48	35	95 423	10 286,338	163 706,830	15,915	15,449	98	85	906	9,595	21,533	2,244	1,778
49	36	95 079	9 784,505	153 420,492	15,680	15,214	99	86	554	5,600	11,939	2,132	1,666
							100	87	324	3,126	6,339	2,028	1,562

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß   4,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	36	94 739	9 307,340	143 998,325	15,471	15,005
1							51	37	94 315	8 845,535	134 690,985	15,227	14,761
2							52	38	93 818	8 399,989	125 845,450	14,982	14,516
3							53	39	93 297	7 974,497	117 445,461	14,728	14,262
4							54	40	92 720	7 565,855	109 470,964	14,469	14,003
5							55	41	92 081	7 172,974	101 905,108	14,207	13,741
6							56	42	91 385	6 795,925	94 732,134	13,940	13,474
7							57	43	90 638	6 434,733	87 936,209	13,666	13,200
8							58	44	89 817	6 087,283	81 501,476	13,389	12,923
9							59	45	88 927	5 753,673	75 414,193	13,107	12,641
10							60	46	87 966	5 433,444	69 660,520	12,821	12,355
11							61	47	86 930	5 125,923	64 227,076	12,530	12,064
12							62	48	85 819	4 830,934	59 101,153	12,234	11,768
13							63	49	84 640	4 548,522	54 270,219	11,931	11,465
14	0	99 450	51 933,415	1 062 995,555	20,468	20,002	64	50	83 398	4 278,542	49 721,697	11,621	11,155
15	1	99 121	49 414,716	1 011 062,140	20,461	19,995	65	51	82 041	4 018,080	45 443,155	11,310	10,844
16	2	99 077	47 153,105	961 647,424	20,394	19,928	66	52	80 608	3 768,867	41 425,075	10,991	10,525
17	3	99 037	44 996,504	914 494,319	20,324	19,858	67	53	79 057	3 528,736	37 656,208	10,671	10,205
18	4	98 992	42 936,739	869 497,814	20,251	19,785	68	54	77 410	3 298,541	34 127,472	10,346	9,880
19	5	98 933	40 965,109	826 561,075	20,177	19,711	69	55	75 685	3 078,811	30 828,931	10,013	9,547
20	6	98 875	39 084,441	785 595,966	20,100	19,634	70	56	73 838	2 867,448	27 750,121	9,678	9,212
21	7	98 813	37 288,798	746 511,525	20,020	19,554	71	57	71 884	2 665,004	24 882,672	9,337	8,871
22	8	98 751	35 575,607	709 222,728	19,936	19,470	72	58	69 812	2 470,821	22 217,669	8,992	8,526
23	9	98 691	33 941,846	673 647,121	19,847	19,381	73	59	67 620	2 284,710	19 746,848	8,643	8,177
24	10	98 633	32 383,543	639 705,275	19,754	19,288	74	60	65 292	2 106,011	17 462,137	8,292	7,826
25	11	98 571	30 895,586	607 321,731	19,657	19,191	75	61	62 741	1 931,952	15 356,127	7,949	7,482
26	12	98 509	29 476,031	576 426,146	19,556	19,090	76	62	60 045	1 765,096	13 424,175	7,605	7,139
27	13	98 443	28 120,795	546 950,115	19,450	18,984	77	63	57 183	1 604,741	11 659,079	7,265	6,799
28	14	98 372	26 826,233	518 829,320	19,340	18,874	78	64	54 142	1 450,519	10 054,338	6,932	6,466
29	15	98 302	25 591,605	492 003,087	19,225	18,759	79	65	50 906	1 301,962	8 603,819	6,608	6,142
30	16	98 225	24 411,990	466 411,482	19,106	18,640	80	66	47 536	1 160,636	7 301,857	6,291	5,825
31	17	98 148	23 286,506	441 999,492	18,981	18,515	81	67	44 063	1 027,066	6 141,221	5,979	5,513
32	18	98 062	22 211,122	418 712,986	18,852	18,385	82	68	40 480	900,759	5 114,155	5,678	5,212
33	19	97 967	21 183,509	396 501,864	18,717	18,251	83	69	36 867	783,158	4 213,397	5,380	4,914
34	20	97 872	20 203,310	375 318,355	18,577	18,111	84	70	33 269	674,681	3 430,239	5,084	4,618
35	21	97 773	19 267,593	355 115,045	18,431	17,965	85	71	29 654	574,102	2 755,558	4,800	4,334
36	22	97 670	18 374,586	335 847,453	18,278	17,812	86	72	26 092	482,239	2 181,456	4,524	4,058
37	23	97 562	17 521,988	317 472,866	18,119	17,653	87	73	22 605	398,842	1 699,217	4,260	3,794
38	24	97 448	16 707,743	299 950,878	17,953	17,487	88	74	19 230	323,910	1 300,370	4,015	3,549
39	25	97 321	15 929,360	283 243,135	17,781	17,315	89	75	16 073	258,461	976,459	3,778	3,312
40	26	97 188	15 186,227	267 313,775	17,602	17,136	90	76	13 098	201,060	717,998	3,571	3,105
41	27	97 040	14 475,567	252 127,548	17,417	16,951	91	77	10 528	154,288	516,938	3,350	2,884
42	28	96 881	13 796,524	237 651,982	17,225	16,759	92	78	8 191	114,592	362,650	3,165	2,699
43	29	96 708	13 147,437	223 855,458	17,027	16,561	93	79	6 213	82,979	248,058	2,989	2,523
44	30	96 508	12 525,276	210 708,022	16,823	16,357	94	80	4 582	58,426	165,079	2,825	2,359
45	31	96 289	11 930,138	198 182,746	16,612	16,146	95	81	3 278	39,896	106,653	2,673	2,207
46	32	96 047	11 360,494	186 252,608	16,395	15,929	96	82	2 270	26,374	66,757	2,531	2,065
47	33	95 775	10 814,680	174 892,113	16,172	15,706	97	83	1 517	16,825	40,384	2,400	1,934
48	34	95 464	10 290,710	164 077,433	15,944	15,478	98	84	977	10,343	23,559	2,278	1,812
49	35	95 117	9 788,398	153 786,724	15,711	15,245	99	85	604	6,105	13,217	2,165	1,699
							100	86	358	3,452	7,112	2,060	1,594

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß   4,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	35	94 776	9 311,044	144 329,179	15,501	15,035
1							51	36	94 360	8 849,741	135 018,135	15,257	14,791
2							52	37	93 869	8 404,474	126 168,394	15,012	14,546
3							53	38	93 349	7 978,939	117 763,920	14,759	14,293
4							54	39	92 782	7 570,864	109 784,981	14,501	14,035
5							55	40	92 146	7 178,044	102 214,117	14,240	13,774
6							56	41	91 458	6 801,376	95 036,073	13,973	13,507
7							57	42	90 719	6 440,466	88 234,697	13,700	13,234
8							58	43	89 909	6 093,522	81 794,232	13,423	12,957
9							59	44	89 027	5 760,143	75 700,709	13,142	12,676
10							60	45	88 078	5 440,349	69 940,566	12,856	12,390
11							61	46	87 052	5 133,156	64 500,217	12,565	12,099
12							62	47	85 959	4 838,846	59 367,061	12,269	11,803
13							63	48	84 790	4 556,580	54 528,215	11,967	11,501
14							64	49	83 570	4 287,364	49 971,635	11,656	11,190
15	0	99 435	49 570,998	1 011 679,380	20,409	19,943	65	50	82 222	4 026,951	45 684,272	11,345	10,879
16	1	99 104	47 165,555	962 108,382	20,399	19,933	66	51	80 805	3 778,112	41 657,320	11,026	10,560
17	2	99 052	45 003,207	914 942,827	20,331	19,865	67	52	79 274	3 538,450	37 879,209	10,705	10,239
18	3	99 003	42 941,537	869 939,620	20,259	19,793	68	53	77 643	3 308,488	34 340,759	10,380	9,914
19	4	98 945	40 969,992	826 998,082	20,185	19,719	69	54	75 928	3 088,667	31 032,270	10,047	9,581
20	5	98 885	39 088,391	786 028,091	20,109	19,643	70	55	74 100	2 877,644	27 943,603	9,711	9,245
21	6	98 821	37 292,046	746 939,699	20,029	19,563	71	56	72 156	2 675,095	25 065,959	9,370	8,904
22	7	98 759	35 578,660	709 647,654	19,946	19,480	72	57	70 092	2 480,735	22 390,864	9,026	8,560
23	8	98 698	33 944,346	674 068,993	19,858	19,392	73	58	67 920	2 294,836	19 910,129	8,676	8,210
24	9	98 640	32 385,777	640 124,647	19,766	19,300	74	59	65 602	2 116,002	17 615,293	8,325	7,859
25	10	98 578	30 897,778	607 738,870	19,669	19,203	75	60	63 081	1 942,420	15 499,290	7,979	7,513
26	11	98 516	29 478,388	576 841,091	19,568	19,102	76	61	60 392	1 775,298	13 556,870	7,636	7,170
27	12	98 451	28 123,059	547 362,703	19,463	18,997	77	62	57 546	1 614,927	11 781,573	7,295	6,829
28	13	98 381	26 828,636	519 239,644	19,354	18,888	78	63	54 510	1 460,359	10 166,645	6,962	6,496
29	14	98 313	25 594,379	492 411,008	19,239	18,773	79	64	51 283	1 311,602	8 706,286	6,638	6,172
30	15	98 238	24 415,061	466 816,629	19,120	18,654	80	65	47 910	1 169,772	7 394,685	6,321	5,855
31	16	98 163	23 290,089	442 401,568	18,995	18,529	81	66	44 443	1 035,927	6 224,913	6,009	5,543
32	17	98 077	22 214,687	419 111,479	18,866	18,400	82	67	40 853	909,060	5 188,985	5,708	5,242
33	18	97 990	21 188,348	396 896,791	18,732	18,266	83	68	37 228	790,837	4 279,925	5,412	4,946
34	19	97 892	20 207,483	375 708,443	18,593	18,127	84	69	33 626	681,924	3 489,088	5,117	4,651
35	20	97 795	19 271,871	355 500,959	18,447	17,981	85	70	30 002	580,843	2 807,164	4,833	4,367
36	21	97 691	18 378,433	336 229,088	18,295	17,829	86	71	26 432	488,530	2 226,321	4,557	4,091
37	22	97 584	17 525,920	317 850,656	18,136	17,670	87	72	22 937	404,707	1 737,791	4,294	3,828
38	23	97 470	16 711,563	300 324,736	17,971	17,505	88	73	19 548	329,264	1 333,085	4,049	3,583
39	24	97 340	15 932,580	283 613,173	17,801	17,335	89	74	16 378	263,362	1 003,820	3,812	3,346
40	25	97 209	15 189,569	267 680,593	17,623	17,157	90	75	13 385	205,469	740,459	3,604	3,138
41	26	97 063	14 478,993	252 491,024	17,438	16,972	91	76	10 792	158,162	534,990	3,383	2,917
42	27	96 907	13 800,231	238 012,031	17,247	16,781	92	77	8 424	117,860	376,828	3,197	2,731
43	28	96 733	13 150,762	224 211,800	17,049	16,583	93	78	6 419	85,728	258,968	3,021	2,555
44	29	96 536	12 528,871	211 061,038	16,846	16,380	94	79	4 755	60,627	173,240	2,857	2,391
45	30	96 316	11 933,516	198 532,167	16,637	16,171	95	80	3 420	41,635	112,613	2,705	2,239
46	31	96 076	11 363,927	186 598,652	16,420	15,954	96	81	2 383	27,692	70,979	2,563	2,097
47	32	95 809	10 818,515	175 234,725	16,198	15,732	97	82	1 605	17,806	43,287	2,431	1,965
48	33	95 499	10 294,474	164 416,210	15,971	15,505	98	83	1 042	11,035	25,480	2,309	1,843
49	34	95 158	9 792,558	154 121,737	15,739	15,273	99	84	651	6,581	14,446	2,195	1,729
							100	85	390	3,763	7,865	2,090	1,624

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß   4,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	34	94 817	9 315,001	144 631,826	15,527	15,061
1							51	35	94 397	8 853,262	135 316,825	15,284	14,818
2							52	36	93 913	8 408,470	126 463,563	15,040	14,574
3							53	37	93 399	7 983,199	118 055,093	14,788	14,322
4							54	38	92 834	7 575,081	110 071,893	14,531	14,065
5							55	39	92 207	7 182,795	102 496,812	14,270	13,804
6							56	40	91 523	6 806,183	95 314,017	14,004	13,538
7							57	41	90 792	6 445,632	88 507,834	13,731	13,265
8							58	42	89 989	6 098,951	82 062,203	13,455	12,989
9							59	43	89 118	5 766,047	75 963,252	13,174	12,708
10							60	44	88 177	5 446,467	70 197,205	12,889	12,423
11							61	45	87 163	5 139,679	64 750,738	12,598	12,132
12							62	46	86 080	4 845,674	59 611,059	12,302	11,836
13							63	47	84 929	4 564,043	54 765,385	11,999	11,533
14							64	48	83 718	4 294,959	50 201,342	11,688	11,222
15							65	49	82 392	4 035,254	45 906,383	11,376	10,910
16	0	99 417	47 314,724	962 680,313	20,346	19,880	66	50	80 984	3 786,453	41 871,129	11,058	10,592
17	1	99 078	45 015,090	915 365,589	20,335	19,869	67	51	79 469	3 547,129	38 084,675	10,737	10,271
18	2	99 018	42 947,934	870 350,499	20,265	19,799	68	52	77 857	3 317,596	34 537,546	10,410	9,944
19	3	98 956	40 974,570	827 402,565	20,193	19,727	69	53	76 157	3 097,982	31 219,950	10,078	9,612
20	4	98 896	39 093,050	786 427,995	20,117	19,651	70	54	74 337	2 886,857	28 121,968	9,741	9,275
21	5	98 831	37 295,815	747 334,945	20,038	19,572	71	55	72 413	2 684,607	25 235,111	9,400	8,934
22	6	98 768	35 581,759	710 039,129	19,955	19,489	72	56	70 358	2 490,129	22 550,505	9,056	8,590
23	7	98 707	33 947,260	674 457,370	19,868	19,402	73	57	68 192	2 304,044	20 060,376	8,707	8,241
24	8	98 647	32 388,163	640 510,111	19,776	19,310	74	58	65 892	2 125,380	17 756,332	8,354	7,888
25	9	98 584	30 899,910	608 121,948	19,680	19,214	75	59	63 380	1 951,636	15 630,952	8,009	7,543
26	10	98 523	29 480,481	577 222,038	19,580	19,114	76	60	60 719	1 784,917	13 679,316	7,664	7,198
27	11	98 459	28 125,308	547 741,557	19,475	19,009	77	61	57 878	1 624,261	11 894,399	7,323	6,857
28	12	98 389	26 830,796	519 616,249	19,366	18,900	78	62	54 856	1 469,629	10 270,137	6,988	6,522
29	13	98 322	25 596,672	492 785,454	19,252	18,786	79	63	51 631	1 320,499	8 800,508	6,665	6,199
30	14	98 248	24 417,707	467 188,781	19,133	18,667	80	64	48 264	1 178,433	7 480,010	6,347	5,881
31	15	98 175	23 293,019	442 771,074	19,009	18,543	81	65	44 793	1 044,081	6 301,577	6,036	5,570
32	16	98 093	22 218,106	419 478,055	18,880	18,414	82	66	41 205	916,904	5 257,495	5,734	5,268
33	17	98 005	21 191,749	397 259,948	18,746	18,280	83	67	37 571	798,126	4 340,591	5,438	4,972
34	18	97 915	20 212,100	376 068,199	18,606	18,140	84	68	33 956	688,611	3 542,465	5,144	4,678
35	19	97 815	19 275,852	355 856,099	18,461	17,995	85	69	30 324	587,078	2 853,855	4,861	4,395
36	20	97 712	18 382,513	336 580,247	18,310	17,844	86	70	26 743	494,265	2 266,776	4,586	4,120
37	21	97 605	17 529,589	318 197,734	18,152	17,686	87	71	23 236	409,986	1 772,511	4,323	3,857
38	22	97 492	16 715,312	300 668,145	17,988	17,522	88	72	19 835	334,101	1 362,525	4,078	3,612
39	23	97 363	15 936,223	283 952,833	17,818	17,352	89	73	16 649	267,715	1 028,423	3,841	3,375
40	24	97 229	15 192,640	268 016,609	17,641	17,175	90	74	13 639	209,365	760,708	3,633	3,167
41	25	97 084	14 482,179	252 823,970	17,458	16,992	91	75	11 029	161,630	551,344	3,411	2,945
42	26	96 930	13 803,498	238 341,791	17,267	16,801	92	76	8 636	120,819	389,714	3,226	2,760
43	27	96 759	13 154,296	224 538,293	17,070	16,604	93	77	6 602	88,172	268,895	3,050	2,584
44	28	96 560	12 532,040	211 383,997	16,867	16,401	94	78	4 912	62,636	180,722	2,885	2,419
45	29	96 344	11 936,941	198 851,958	16,659	16,193	95	79	3 549	43,203	118,087	2,733	2,267
46	30	96 103	11 367,144	186 915,017	16,443	15,977	96	80	2 487	28,899	74,883	2,591	2,125
47	31	95 838	10 821,783	175 547,873	16,222	15,756	97	81	1 685	18,696	45,985	2,460	1,994
48	32	95 533	10 298,124	164 726,090	15,996	15,530	98	82	1 103	11,679	27,288	2,337	1,871
49	33	95 192	9 796,140	154 427,966	15,764	15,298	99	83	694	7,021	15,610	2,223	1,757
							100	84	420	4,056	8,589	2,117	1,651

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß   4,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	33	94 851	9 318,408	144 908,452	15,551	15,085
1							51	34	94 437	8 857,025	135 590,044	15,309	14,843
2							52	35	93 951	8 411,816	126 733,020	15,066	14,600
3							53	36	93 443	7 986,995	118 321,204	14,814	14,348
4							54	37	92 883	7 579,126	110 334,209	14,558	14,092
5							55	38	92 259	7 186,796	102 755,083	14,298	13,832
6							56	39	91 583	6 810,688	95 568,286	14,032	13,566
7							57	40	90 856	6 450,187	88 757,598	13,760	13,294
8							58	41	90 061	6 103,843	82 307,411	13,485	13,019
9							59	42	89 198	5 771,184	76 203,568	13,204	12,738
10							60	43	88 268	5 452,049	70 432,384	12,919	12,453
11							61	44	87 261	5 145,458	64 980,335	12,629	12,163
12							62	45	86 190	4 851,832	59 834,877	12,332	11,866
13							63	46	85 048	4 570,483	54 983,045	12,030	11,564
14							64	47	83 855	4 301,993	50 412,561	11,718	11,252
15							65	48	82 538	4 042,403	46 110,568	11,407	10,941
16							66	49	81 151	3 794,261	42 068,165	11,087	10,621
17	0	99 391	45 157,457	915 895,717	20,282	19,816	67	50	79 644	3 554,961	38 273,904	10,766	10,300
18	1	99 044	42 959,274	870 738,260	20,269	19,803	68	51	78 048	3 325,734	34 718,944	10,439	9,973
19	2	98 970	40 980,674	827 778,987	20,199	19,733	69	52	76 366	3 106,510	31 393,210	10,106	9,640
20	3	98 907	39 097,419	786 798,313	20,124	19,658	70	53	74 562	2 895,563	28 286,700	9,769	9,303
21	4	98 843	37 300,261	747 700,894	20,045	19,579	71	54	72 645	2 693,201	25 391,138	9,428	8,962
22	5	98 778	35 585,356	710 400,633	19,963	19,497	72	55	70 608	2 498,983	22 697,936	9,083	8,617
23	6	98 715	33 950,216	674 815,277	19,877	19,411	73	56	68 450	2 312,768	20 198,953	8,734	8,268
24	7	98 655	32 390,943	640 865,061	19,785	19,319	74	57	66 157	2 133,909	17 886,185	8,382	7,916
25	8	98 592	30 902,186	608 474,118	19,690	19,224	75	58	63 661	1 960,285	15 752,276	8,036	7,570
26	9	98 530	29 482,514	577 571,933	19,590	19,124	76	59	61 007	1 793,386	13 791,991	7,690	7,224
27	10	98 466	28 127,304	548 089,418	19,486	19,020	77	60	58 192	1 633,063	11 998,605	7,347	6,881
28	11	98 397	26 832,941	519 962,114	19,378	18,912	78	61	55 173	1 478,123	10 365,543	7,013	6,547
29	12	98 330	25 598,733	493 129,172	19,264	18,798	79	62	51 958	1 328,881	8 887,420	6,688	6,222
30	13	98 257	24 419,895	467 530,439	19,145	18,679	80	63	48 592	1 186,427	7 558,539	6,371	5,905
31	14	98 186	23 295,544	443 110,545	19,021	18,555	81	64	45 125	1 051,812	6 372,112	6,058	5,592
32	15	98 105	22 220,901	419 815,000	18,893	18,427	82	65	41 530	924,121	5 320,300	5,757	5,291
33	16	98 020	21 195,011	397 594,099	18,759	18,293	83	66	37 895	805,012	4 396,179	5,461	4,995
34	17	97 931	20 215,344	376 399,088	18,619	18,153	84	67	34 269	694,957	3 591,167	5,167	4,701
35	18	97 837	19 280,256	356 183,744	18,474	18,008	85	68	30 622	592,835	2 896,210	4,885	4,419
36	19	97 733	18 386,311	336 903,488	18,324	17,858	86	69	27 030	499,572	2 303,374	4,611	4,145
37	20	97 626	17 533,481	318 517,177	18,166	17,700	87	70	23 509	414,800	1 803,803	4,349	3,883
38	21	97 512	16 718,812	300 983,697	18,003	17,537	88	71	20 094	338,460	1 389,003	4,104	3,638
39	22	97 385	15 939,799	284 264,885	17,834	17,368	89	72	16 893	271,648	1 050,543	3,867	3,401
40	23	97 251	15 196,113	268 325,086	17,657	17,191	90	73	13 864	212,826	778,895	3,660	3,194
41	24	97 104	14 485,107	253 128,973	17,475	17,009	91	74	11 238	164,694	566,070	3,437	2,971
42	25	96 951	13 806,535	238 643,866	17,285	16,819	92	75	8 825	123,468	401,375	3,251	2,785
43	26	96 782	13 157,410	224 837,331	17,088	16,622	93	76	6 767	90,386	277,907	3,075	2,609
44	27	96 586	12 535,407	211 679,921	16,887	16,421	94	77	5 053	64,422	187,521	2,911	2,445
45	28	96 368	11 939,960	199 144,514	16,679	16,213	95	78	3 667	44,635	123,099	2,758	2,292
46	29	96 131	11 370,406	187 204,554	16,464	15,998	96	79	2 581	29,987	78,464	2,617	2,151
47	30	95 865	10 824,847	175 834,148	16,244	15,778	97	80	1 759	19,511	48,477	2,485	2,019
48	31	95 561	10 301,235	165 009,301	16,018	15,552	98	81	1 158	12,262	28,966	2,362	1,896
49	32	95 226	9 799,614	154 708,066	15,787	15,321	99	82	735	7,431	16,704	2,248	1,782
							100	83	448	4,328	9,273	2,143	1,677

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß   4,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	32	94 885	9 321,712	145 161,458	15,572	15,106
1							51	33	94 472	8 860,264	135 839,746	15,331	14,865
2							52	34	93 990	8 415,391	126 979,482	15,089	14,623
3							53	35	93 480	7 990,173	118 564,091	14,839	14,373
4							54	36	92 927	7 582,729	110 573,918	14,582	14,116
5							55	37	92 308	7 190,634	102 991,189	14,323	13,857
6							56	38	91 634	6 814,482	95 800,555	14,058	13,592
7							57	39	90 916	6 454,457	88 986,073	13,787	13,321
8							58	40	90 125	6 108,157	82 531,616	13,512	13,046
9							59	41	89 269	5 775,813	76 423,459	13,232	12,766
10							60	42	88 346	5 456,906	70 647,646	12,946	12,480
11							61	43	87 350	5 150,732	65 190,740	12,657	12,191
12							62	44	86 287	4 857,287	60 040,007	12,361	11,895
13							63	45	85 156	4 576,292	55 182,720	12,058	11,592
14							64	46	83 973	4 308,064	50 606,428	11,747	11,281
15							65	47	82 673	4 049,024	46 298,364	11,434	10,968
16							66	48	81 295	3 800,982	42 249,341	11,115	10,649
17							67	49	79 809	3 562,291	38 448,358	10,793	10,327
18	0	99 358	43 095,139	871 229,804	20,216	19,750	68	50	78 220	3 333,076	34 886,068	10,467	10,001
19	1	98 997	40 991,494	828 134,665	20,203	19,737	69	51	76 553	3 114,130	31 552,991	10,132	9,666
20	2	98 922	39 103,243	787 143,171	20,130	19,664	70	52	74 767	2 903,534	28 438,862	9,795	9,329
21	3	98 854	37 304,429	748 039,928	20,052	19,586	71	53	72 864	2 701,323	25 535,328	9,453	8,987
22	4	98 790	35 589,597	710 735,499	19,970	19,504	72	54	70 834	2 506,983	22 834,005	9,108	8,642
23	5	98 725	33 953,648	675 145,901	19,884	19,418	73	55	68 694	2 320,992	20 327,022	8,758	8,292
24	6	98 664	32 393,764	641 192,253	19,794	19,328	74	56	66 407	2 141,989	18 006,030	8,406	7,940
25	7	98 600	30 904,838	608 798,489	19,699	19,233	75	57	63 916	1 968,151	15 864,041	8,060	7,594
26	8	98 537	29 484,686	577 893,651	19,600	19,134	76	58	61 277	1 801,334	13 895,890	7,714	7,248
27	9	98 473	28 129,245	548 408,965	19,496	19,030	77	59	58 468	1 640,810	12 094,556	7,371	6,905
28	10	98 404	26 834,846	520 279,720	19,388	18,922	78	60	55 472	1 486,132	10 453,746	7,034	6,568
29	11	98 338	25 600,780	493 444,874	19,275	18,809	79	61	52 259	1 336,562	8 967,613	6,709	6,243
30	12	98 265	24 421,861	467 844,094	19,157	18,691	80	62	48 900	1 193,958	7 631,051	6,391	5,925
31	13	98 194	23 297,631	443 422,234	19,033	18,567	81	63	45 431	1 058,947	6 437,093	6,079	5,613
32	14	98 116	22 223,310	420 124,602	18,905	18,439	82	64	41 837	930,963	5 378,147	5,777	5,311
33	15	98 033	21 197,677	397 901,292	18,771	18,305	83	65	38 194	811,349	4 447,184	5,481	5,015
34	16	97 946	20 218,455	376 703,615	18,632	18,166	84	66	34 564	700,953	3 635,835	5,187	4,721
35	17	97 853	19 283,351	356 485,160	18,487	18,021	85	67	30 904	598,299	2 934,881	4,905	4,439
36	18	97 755	18 390,511	337 201,810	18,336	17,870	86	68	27 295	504,470	2 336,582	4,632	4,166
37	19	97 647	17 537,103	318 811,298	18,179	17,713	87	69	23 762	419,253	1 832,112	4,370	3,904
38	20	97 534	16 722,524	301 274,195	18,016	17,550	88	70	20 330	342,434	1 412,859	4,126	3,660
39	21	97 405	15 943,136	284 551,671	17,848	17,382	89	71	17 114	275,191	1 070,425	3,890	3,424
40	22	97 273	15 199,523	268 608,536	17,672	17,206	90	72	14 068	215,952	795,234	3,682	3,216
41	23	97 126	14 488,419	253 409,013	17,490	17,024	91	73	11 424	167,417	579,282	3,460	2,994
42	24	96 971	13 809,326	238 920,594	17,301	16,835	92	74	8 993	125,809	411,865	3,274	2,808
43	25	96 803	13 160,305	225 111,268	17,105	16,639	93	75	6 916	92,368	286,056	3,097	2,631
44	26	96 609	12 538,375	211 950,963	16,904	16,438	94	76	5 179	66,039	193,687	2,933	2,467
45	27	96 394	11 943,168	199 412,588	16,697	16,231	95	77	3 772	45,907	127,648	2,781	2,315
46	28	96 155	11 373,282	187 469,420	16,483	16,017	96	78	2 666	30,981	81,741	2,638	2,172
47	29	95 893	10 827,954	176 096,138	16,263	15,797	97	79	1 825	20,246	50,760	2,507	2,041
48	30	95 589	10 304,152	165 268,184	16,039	15,573	98	80	1 208	12,797	30,514	2,385	1,919
49	31	95 255	9 802,574	154 964,033	15,809	15,342	99	81	772	7,802	17,717	2,271	1,805
							100	82	475	4,580	9,915	2,165	1,699

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß   4,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	31	94 914	9 324,528	145 392,630	15,592	15,126
1							51	32	94 505	8 863,406	136 068,102	15,352	14,886
2							52	33	94 025	8 418,469	127 204,696	15,110	14,644
3							53	34	93 520	7 993,569	118 786,227	14,860	14,394
4							54	35	92 964	7 585,747	110 792,658	14,605	14,139
5							55	36	92 352	7 194,053	103 206,912	14,346	13,880
6							56	37	91 683	6 818,121	96 012,859	14,082	13,616
7							57	38	90 966	6 458,052	89 194,738	13,811	13,345
8							58	39	90 184	6 112,200	82 736,686	13,536	13,070
9							59	40	89 332	5 779,895	76 624,486	13,257	12,791
10							60	41	88 417	5 461,283	70 844,591	12,972	12,506
11							61	42	87 428	5 155,321	65 383,307	12,683	12,217
12							62	43	86 375	4 862,266	60 227,986	12,387	11,921
13							63	44	85 252	4 581,437	55 365,720	12,085	11,619
14							64	45	84 080	4 313,539	50 784,283	11,773	11,307
15							65	46	82 789	4 054,737	46 470,744	11,461	10,995
16							66	47	81 428	3 807,208	42 416,007	11,141	10,675
17							67	48	79 950	3 568,601	38 608,799	10,819	10,353
18							68	49	78 382	3 339,949	35 040,198	10,491	10,025
19	0	99 310	41 121,136	828 590,567	20,150	19,684	69	50	76 722	3 121,005	31 700,249	10,157	9,691
20	1	98 948	39 113,568	787 469,431	20,133	19,667	70	51	74 950	2 910,656	28 579,244	9,819	9,353
21	2	98 869	37 309,986	748 355,863	20,058	19,592	71	52	73 065	2 708,759	25 668,588	9,476	9,010
22	3	98 801	35 593,574	711 045,878	19,977	19,511	72	53	71 048	2 514,543	22 959,829	9,131	8,665
23	4	98 737	33 957,695	675 452,303	19,891	19,425	73	54	68 914	2 328,423	20 445,285	8,781	8,315
24	5	98 674	32 397,038	641 494,608	19,801	19,335	74	55	66 643	2 149,605	18 116,863	8,428	7,962
25	6	98 609	30 907,530	609 097,569	19,707	19,241	75	56	64 158	1 975,604	15 967,258	8,082	7,616
26	7	98 546	29 487,217	578 190,040	19,608	19,142	76	57	61 523	1 808,562	13 991,654	7,736	7,270
27	8	98 480	28 131,317	548 702,823	19,505	19,039	77	58	58 727	1 648,082	12 183,093	7,392	6,926
28	9	98 411	26 836,697	520 571,506	19,398	18,932	78	59	55 735	1 493,183	10 535,010	7,055	6,589
29	10	98 345	25 602,597	493 734,809	19,285	18,819	79	60	52 542	1 343,804	9 041,827	6,729	6,263
30	11	98 273	24 423,814	468 132,212	19,167	18,701	80	61	49 183	1 200,859	7 698,023	6,410	5,944
31	12	98 202	23 299,507	443 708,398	19,044	18,578	81	62	45 719	1 065,668	6 497,164	6,097	5,631
32	13	98 124	22 225,301	420 408,891	18,916	18,450	82	63	42 121	937,278	5 431,495	5,795	5,329
33	14	98 043	21 199,975	398 183,590	18,782	18,316	83	64	38 477	817,356	4 494,217	5,498	5,032
34	15	97 958	20 220,999	376 983,616	18,643	18,177	84	65	34 836	706,471	3 676,861	5,205	4,739
35	16	97 868	19 286,318	356 762,617	18,498	18,032	85	66	31 170	603,461	2 970,390	4,922	4,456
36	17	97 771	18 393,463	337 476,299	18,348	17,882	86	67	27 547	509,120	2 366,929	4,649	4,183
37	18	97 669	17 541,110	319 082,836	18,191	17,725	87	68	23 995	423,364	1 857,809	4,388	3,922
38	19	97 554	16 725,978	301 541,726	18,028	17,562	88	69	20 548	346,110	1 434,445	4,144	3,678
39	20	97 427	15 946,676	284 815,748	17,861	17,395	89	70	17 315	278,422	1 088,335	3,909	3,443
40	21	97 293	15 202,705	268 869,072	17,686	17,220	90	71	14 251	218,769	809,913	3,702	3,236
41	22	97 148	14 491,670	253 666,367	17,504	17,038	91	72	11 592	169,876	591,144	3,480	3,014
42	23	96 993	13 812,484	239 174,698	17,316	16,850	92	73	9 141	127,889	421,267	3,294	2,828
43	24	96 823	13 162,966	225 362,214	17,121	16,655	93	74	7 047	94,120	293,378	3,117	2,651
44	25	96 630	12 541,133	212 199,249	16,920	16,454	94	75	5 293	67,487	199,259	2,953	2,487
45	26	96 417	11 945,996	199 658,115	16,713	16,247	95	76	3 866	47,060	131,771	2,800	2,334
46	27	96 181	11 376,339	187 712,120	16,500	16,034	96	77	2 742	31,864	84,711	2,659	2,193
47	28	95 917	10 830,692	176 335,781	16,281	15,815	97	78	1 886	20,917	52,847	2,527	2,061
48	29	95 616	10 307,109	165 505,089	16,057	15,591	98	79	1 254	13,279	31,930	2,405	1,939
49	30	95 282	9 805,349	155 197,980	15,828	15,362	99	80	805	8,142	18,652	2,291	1,825
							100	81	498	4,809	10,509	2,185	1,719

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß   4,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	30	94 940	9 327,168	145 603,874	15,611	15,145
1							51	31	94 534	8 866,084	136 276,706	15,371	14,905
2							52	32	94 058	8 421,454	127 410,622	15,129	14,663
3							53	33	93 554	7 996,492	118 989,168	14,880	14,414
4							54	34	93 004	7 588,970	110 992,675	14,626	14,160
5							55	35	92 389	7 196,915	103 403,705	14,368	13,902
6							56	36	91 727	6 821,362	96 206,790	14,104	13,638
7							57	37	91 015	6 461,501	89 385,428	13,834	13,368
8							58	38	90 235	6 115,605	82 923,927	13,559	13,093
9							59	39	89 391	5 783,721	76 808,322	13,280	12,814
10							60	40	88 480	5 465,143	71 024,601	12,996	12,530
11							61	41	87 498	5 159,456	65 559,458	12,707	12,241
12							62	42	86 452	4 866,598	60 400,001	12,411	11,945
13							63	43	85 340	4 586,133	55 533,403	12,109	11,643
14							64	44	84 174	4 318,389	50 947,270	11,798	11,332
15							65	45	82 895	4 059,890	46 628,881	11,485	11,019
16							66	46	81 543	3 812,580	42 568,991	11,165	10,699
17							67	47	80 081	3 574,446	38 756,411	10,843	10,377
18							68	48	78 520	3 345,866	35 181,965	10,515	10,049
19							69	49	76 881	3 127,441	31 836,099	10,180	9,714
20	0	99 261	39 237,270	787 892,409	20,080	19,614	70	50	75 116	2 917,082	28 708,659	9,842	9,376
21	1	98 895	37 319,837	748 655,138	20,061	19,595	71	51	73 244	2 715,403	25 791,577	9,498	9,032
22	2	98 815	35 598,877	711 335,301	19,982	19,516	72	52	71 243	2 521,466	23 076,174	9,152	8,686
23	3	98 748	33 961,490	675 736,425	19,897	19,431	73	53	69 122	2 335,444	20 554,708	8,801	8,335
24	4	98 686	32 400,900	641 774,935	19,807	19,341	74	54	66 857	2 156,487	18 219,264	8,449	7,983
25	5	98 619	30 910,654	609 374,035	19,714	19,248	75	55	64 386	1 982,628	16 062,777	8,102	7,636
26	6	98 554	29 489,785	578 463,381	19,616	19,150	76	56	61 756	1 815,410	14 080,149	7,756	7,290
27	7	98 489	28 133,731	548 973,596	19,513	19,047	77	57	58 963	1 654,695	12 264,739	7,412	6,946
28	8	98 418	26 838,674	520 839,864	19,406	18,940	78	58	55 982	1 499,801	10 610,043	7,074	6,608
29	9	98 351	25 604,363	494 001,191	19,294	18,828	79	59	52 791	1 350,180	9 110,242	6,747	6,281
30	10	98 280	24 425,547	468 396,827	19,177	18,711	80	60	49 449	1 207,366	7 760,063	6,427	5,961
31	11	98 210	23 301,370	443 971,280	19,053	18,587	81	61	45 983	1 071,828	6 552,697	6,114	5,648
32	12	98 132	22 227,090	420 669,910	18,926	18,460	82	62	42 388	943,228	5 480,869	5,811	5,345
33	13	98 052	21 201,874	398 442,820	18,793	18,327	83	63	38 738	822,901	4 537,641	5,514	5,048
34	14	97 969	20 223,191	377 240,946	18,654	18,188	84	64	35 094	711,701	3 714,740	5,220	4,754
35	15	97 880	19 288,744	357 017,755	18,509	18,043	85	65	31 416	608,211	3 003,039	4,937	4,471
36	16	97 786	18 396,294	337 729,010	18,359	17,893	86	66	27 784	513,513	2 394,828	4,664	4,198
37	17	97 685	17 543,925	319 332,717	18,202	17,736	87	67	24 216	427,266	1 881,315	4,403	3,937
38	18	97 576	16 729,800	301 788,792	18,039	17,573	88	68	20 749	349,504	1 454,049	4,160	3,694
39	19	97 447	15 949,970	285 058,992	17,872	17,406	89	69	17 501	281,411	1 104,546	3,925	3,459
40	20	97 315	15 206,080	269 109,022	17,697	17,231	90	70	14 418	221,338	823,134	3,719	3,253
41	21	97 168	14 494,703	253 902,942	17,517	17,051	91	71	11 743	172,092	601,796	3,497	3,031
42	22	97 015	13 815,583	239 408,239	17,329	16,863	92	72	9 275	129,768	429,704	3,311	2,845
43	23	96 845	13 165,975	225 592,656	17,135	16,669	93	73	7 163	95,675	299,936	3,135	2,669
44	24	96 650	12 543,669	212 426,681	16,935	16,469	94	74	5 393	68,767	204,261	2,970	2,504
45	25	96 438	11 948,624	199 883,012	16,729	16,263	95	75	3 951	48,092	135,494	2,817	2,351
46	26	96 203	11 379,032	187 934,388	16,516	16,050	96	76	2 811	32,664	87,402	2,676	2,210
47	27	95 943	10 833,603	176 555,356	16,297	15,831	97	77	1 939	21,513	54,738	2,544	2,078
48	28	95 640	10 309,716	165 721,753	16,074	15,608	98	78	1 295	13,719	33,224	2,422	1,956
49	29	95 309	9 808,164	155 412,037	15,845	15,379	99	79	836	8,449	19,506	2,309	1,843
							100	80	520	5,019	11,057	2,203	1,737

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß   4,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	29	94 968	9 329,845	145 797,122	15,627	15,161
1							51	30	94 561	8 868,594	136 467,277	15,388	14,922
2							52	31	94 087	8 423,998	127 598,683	15,147	14,681
3							53	32	93 587	7 999,328	119 174,685	14,898	14,432
4							54	33	93 038	7 591,746	111 175,357	14,644	14,178
5							55	34	92 428	7 199,974	103 583,611	14,387	13,921
6							56	35	91 763	6 824,077	96 383,637	14,124	13,658
7							57	36	91 058	6 464,573	89 559,560	13,854	13,388
8							58	37	90 283	6 118,871	83 094,988	13,580	13,114
9							59	38	89 441	5 786,943	76 976,117	13,302	12,836
10							60	39	88 538	5 468,761	71 189,174	13,017	12,551
11							61	40	87 560	5 163,103	65 720,413	12,729	12,263
12							62	41	86 521	4 870,502	60 557,311	12,433	11,967
13							63	42	85 416	4 590,219	55 686,809	12,132	11,666
14							64	43	84 261	4 322,815	51 096,590	11,820	11,354
15							65	44	82 988	4 064,455	46 773,775	11,508	11,042
16							66	45	81 646	3 817,425	42 709,320	11,188	10,722
17							67	46	80 194	3 579,490	38 891,895	10,865	10,399
18							68	47	78 649	3 351,346	35 312,405	10,537	10,071
19							69	48	77 017	3 132,981	31 961,059	10,201	9,735
20							70	49	75 271	2 923,097	28 828,078	9,862	9,396
21	0	99 208	37 437,867	749 047,679	20,008	19,542	71	50	73 405	2 721,399	25 904,981	9,519	9,053
22	1	98 842	35 608,276	711 609,812	19,984	19,518	72	51	71 418	2 527,650	23 183,583	9,172	8,706
23	2	98 763	33 966,549	676 001,536	19,902	19,436	73	52	69 312	2 341,874	20 655,932	8,820	8,354
24	3	98 697	32 404,521	642 034,987	19,813	19,347	74	53	67 058	2 162,990	18 314,059	8,467	8,001
25	4	98 630	30 914,339	609 630,466	19,720	19,254	75	54	64 592	1 988,976	16 151,069	8,120	7,654
26	5	98 564	29 492,766	578 716,128	19,622	19,156	76	55	61 976	1 821,865	14 162,093	7,773	7,307
27	6	98 497	28 136,182	549 223,362	19,520	19,054	77	56	59 186	1 660,961	12 340,229	7,430	6,964
28	7	98 426	26 840,977	521 087,180	19,414	18,948	78	57	56 207	1 505,819	10 679,268	7,092	6,626
29	8	98 359	25 606,249	494 246,203	19,302	18,836	79	58	53 025	1 356,164	9 173,449	6,764	6,298
30	9	98 287	24 427,233	468 639,954	19,185	18,719	80	59	49 684	1 213,094	7 817,285	6,444	5,978
31	10	98 217	23 303,024	444 212,721	19,062	18,596	81	60	46 233	1 077,636	6 604,191	6,128	5,662
32	11	98 140	22 228,868	420 909,697	18,935	18,469	82	61	42 633	948,680	5 526,555	5,826	5,360
33	12	98 060	21 203,581	398 680,830	18,803	18,337	83	62	38 983	828,124	4 577,876	5,528	5,062
34	13	97 977	20 225,002	377 477,249	18,664	18,198	84	63	35 332	716,529	3 749,751	5,233	4,767
35	14	97 891	19 290,835	357 252,246	18,519	18,053	85	64	31 648	612,714	3 033,222	4,950	4,484
36	15	97 798	18 398,608	337 961,411	18,369	17,903	86	65	28 003	517,555	2 420,508	4,677	4,211
37	16	97 700	17 546,625	319 562,803	18,212	17,746	87	66	24 425	430,952	1 902,953	4,416	3,950
38	17	97 592	16 732,485	302 016,178	18,050	17,584	88	67	20 941	352,725	1 472,001	4,173	3,707
39	18	97 469	15 953,614	285 283,693	17,882	17,416	89	68	17 672	284,171	1 119,276	3,939	3,473
40	19	97 335	15 209,221	269 330,079	17,708	17,242	90	69	14 573	223,714	835,105	3,733	3,267
41	20	97 190	14 497,922	254 120,858	17,528	17,062	91	70	11 881	174,113	611,391	3,511	3,045
42	21	97 035	13 818,475	239 622,936	17,341	16,875	92	71	9 396	131,460	437,278	3,326	2,860
43	22	96 867	13 168,929	225 804,461	17,147	16,681	93	72	7 269	97,081	305,818	3,150	2,684
44	23	96 672	12 546,537	212 635,532	16,948	16,482	94	73	5 483	69,904	208,737	2,986	2,520
45	24	96 458	11 951,040	200 088,995	16,742	16,276	95	74	4 026	49,004	138,833	2,833	2,367
46	25	96 225	11 381,535	188 137,955	16,530	16,064	96	75	2 873	33,380	89,829	2,691	2,225
47	26	95 966	10 836,167	176 756,420	16,312	15,846	97	76	1 988	22,054	56,449	2,560	2,094
48	27	95 666	10 312,486	165 920,253	16,089	15,623	98	77	1 332	14,110	34,395	2,438	1,972
49	28	95 333	9 810,644	155 607,766	15,861	15,395	99	78	863	8,729	20,285	2,324	1,858
							100	79	540	5,208	11,557	2,219	1,753

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß   4,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	28	94 992	9 332,205	145 973,775	15,642	15,176
1							51	29	94 588	8 871,139	136 641,570	15,403	14,937
2							52	30	94 113	8 426,383	127 770,430	15,163	14,697
3							53	31	93 616	8 001,745	119 344,047	14,915	14,449
4							54	32	93 071	7 594,438	111 342,302	14,661	14,195
5							55	33	92 462	7 202,607	103 747,864	14,404	13,938
6							56	34	91 802	6 826,976	96 545,257	14,142	13,676
7							57	35	91 095	6 467,145	89 718,281	13,873	13,407
8							58	36	90 326	6 121,780	83 251,136	13,599	13,133
9							59	37	89 489	5 790,033	77 129,356	13,321	12,855
10							60	38	88 588	5 471,807	71 339,323	13,038	12,572
11							61	39	87 618	5 166,521	65 867,516	12,749	12,283
12							62	40	86 583	4 873,944	60 700,995	12,454	11,988
13							63	41	85 484	4 593,901	55 827,052	12,152	11,686
14							64	42	84 336	4 326,666	51 233,151	11,841	11,375
15							65	43	83 073	4 068,621	46 906,484	11,529	11,063
16							66	44	81 738	3 821,717	42 837,863	11,209	10,743
17							67	45	80 296	3 584,039	39 016,146	10,886	10,420
18							68	46	78 760	3 356,075	35 432,107	10,558	10,092
19							69	47	77 143	3 138,112	32 076,032	10,221	9,755
20							70	48	75 404	2 928,275	28 937,920	9,882	9,416
21							71	49	73 557	2 727,010	26 009,645	9,538	9,072
22	0	99 154	35 720,893	711 974,206	19,932	19,466	72	50	71 576	2 533,231	23 282,635	9,191	8,725
23	1	98 789	33 975,517	676 253,313	19,904	19,438	73	51	69 482	2 347,618	20 749,404	8,838	8,372
24	2	98 711	32 409,348	642 277,796	19,818	19,352	74	52	67 243	2 168,944	18 401,786	8,484	8,018
25	3	98 641	30 917,793	609 868,448	19,725	19,259	75	53	64 787	1 994,974	16 232,842	8,137	7,671
26	4	98 576	29 496,281	578 950,655	19,628	19,162	76	54	62 174	1 827,698	14 237,868	7,790	7,324
27	5	98 507	28 139,026	549 454,374	19,526	19,060	77	55	59 397	1 666,867	12 410,171	7,445	6,979
28	6	98 435	26 843,315	521 315,348	19,421	18,955	78	56	56 419	1 511,521	10 743,304	7,108	6,642
29	7	98 367	25 608,447	494 472,033	19,309	18,843	79	57	53 238	1 361,605	9 231,783	6,780	6,314
30	8	98 294	24 429,032	468 863,586	19,193	18,727	80	58	49 904	1 218,470	7 870,178	6,459	5,993
31	9	98 224	23 304,632	444 434,554	19,071	18,605	81	59	46 452	1 082,748	6 651,707	6,143	5,677
32	10	98 147	22 230,445	421 129,922	18,944	18,478	82	60	42 864	953,820	5 568,959	5,839	5,373
33	11	98 068	21 205,277	398 899,477	18,811	18,345	83	61	39 209	832,911	4 615,139	5,541	5,075
34	12	97 985	20 226,631	377 694,200	18,673	18,207	84	62	35 557	721,078	3 782,228	5,245	4,779
35	13	97 900	19 292,564	357 467,570	18,529	18,063	85	63	31 863	616,871	3 061,150	4,962	4,496
36	14	97 809	18 400,603	338 175,006	18,378	17,912	86	64	28 210	521,386	2 444,280	4,688	4,222
37	15	97 712	17 548,832	319 774,404	18,222	17,756	87	65	24 617	434,344	1 922,893	4,427	3,961
38	16	97 607	16 735,060	302 225,571	18,059	17,593	88	66	21 121	355,768	1 488,549	4,184	3,718
39	17	97 485	15 956,174	285 490,512	17,892	17,426	89	67	17 835	286,790	1 132,780	3,950	3,484
40	18	97 357	15 212,696	269 534,337	17,718	17,252	90	68	14 716	225,908	845,990	3,745	3,279
41	19	97 210	14 500,917	254 321,641	17,538	17,072	91	69	12 008	175,982	620,083	3,524	3,058
42	20	97 057	13 821,543	239 820,724	17,351	16,885	92	70	9 507	133,004	444,101	3,339	2,873
43	21	96 887	13 171,686	225 999,181	17,158	16,692	93	71	7 364	98,347	311,097	3,163	2,697
44	22	96 694	12 549,352	212 827,495	16,959	16,493	94	72	5 563	70,931	212,749	2,999	2,533
45	23	96 480	11 953,772	200 278,143	16,754	16,288	95	73	4 092	49,814	141,819	2,847	2,381
46	24	96 244	11 383,836	188 324,371	16,543	16,077	96	74	2 927	34,013	92,005	2,705	2,239
47	25	95 987	10 838,552	176 940,535	16,325	15,859	97	75	2 032	22,537	57,991	2,573	2,107
48	26	95 688	10 314,928	166 101,983	16,103	15,637	98	76	1 366	14,464	35,454	2,451	1,985
49	27	95 359	9 813,281	155 787,055	15,875	15,409	99	77	888	8,978	20,990	2,338	1,872
							100	78	557	5,381	12,013	2,233	1,767

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß   4,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	27	95 017	9 334,713	146 135,553	15,655	15,189
1							51	28	94 612	8 873,383	136 800,841	15,417	14,951
2							52	29	94 140	8 428,802	127 927,458	15,177	14,711
3							53	30	93 642	8 004,010	119 498,656	14,930	14,464
4							54	31	93 099	7 596,732	111 494,646	14,677	14,211
5							55	32	92 494	7 205,161	103 897,913	14,420	13,954
6							56	33	91 836	6 829,474	96 692,752	14,158	13,692
7							57	34	91 133	6 469,893	89 863,279	13,889	13,423
8							58	35	90 362	6 124,216	83 393,385	13,617	13,151
9							59	36	89 531	5 792,786	77 269,170	13,339	12,873
10							60	37	88 635	5 474,729	71 476,384	13,056	12,590
11							61	38	87 667	5 169,398	66 001,655	12,768	12,302
12							62	39	86 640	4 877,170	60 832,256	12,473	12,007
13							63	40	85 545	4 597,148	55 955,086	12,172	11,706
14							64	41	84 403	4 330,137	51 357,939	11,861	11,395
15							65	42	83 147	4 072,246	47 027,802	11,548	11,082
16							66	43	81 822	3 825,635	42 955,556	11,228	10,762
17							67	44	80 386	3 588,069	39 129,921	10,906	10,440
18							68	45	78 860	3 360,340	35 541,852	10,577	10,111
19							69	46	77 252	3 142,540	32 181,513	10,241	9,775
20							70	47	75 527	2 933,071	29 038,972	9,901	9,435
21							71	48	73 687	2 731,841	26 105,901	9,556	9,090
22							72	49	71 723	2 538,454	23 374,060	9,208	8,742
23	0	99 101	34 082,970	676 591,666	19,851	19,385	73	50	69 635	2 352,801	20 835,606	8,856	8,390
24	1	98 737	32 417,905	642 508,696	19,820	19,354	74	51	67 408	2 174,264	18 482,805	8,501	8,035
25	2	98 656	30 922,399	610 090,791	19,730	19,264	75	52	64 966	2 000,466	16 308,541	8,152	7,686
26	3	98 587	29 499,577	579 168,392	19,633	19,167	76	53	62 362	1 833,209	14 308,075	7,805	7,339
27	4	98 519	28 142,380	549 668,815	19,532	19,066	77	54	59 587	1 672,203	12 474,866	7,460	6,994
28	5	98 445	26 846,029	521 526,435	19,427	18,961	78	55	56 620	1 516,895	10 802,663	7,122	6,656
29	6	98 376	25 610,677	494 680,407	19,315	18,849	79	56	53 439	1 366,761	9 285,767	6,794	6,328
30	7	98 302	24 431,128	469 069,729	19,200	18,734	80	57	50 104	1 223,360	7 919,006	6,473	6,007
31	8	98 231	23 306,348	444 638,601	19,078	18,612	81	58	46 658	1 087,547	6 695,647	6,157	5,691
32	9	98 154	22 231,979	421 332,253	18,952	18,486	82	59	43 068	958,346	5 608,100	5,852	5,386
33	10	98 075	21 206,782	399 100,274	18,819	18,353	83	60	39 421	837,424	4 649,754	5,552	5,086
34	11	97 993	20 228,248	377 893,492	18,681	18,215	84	61	35 762	725,245	3 812,330	5,257	4,791
35	12	97 908	19 294,117	357 665,244	18,538	18,072	85	62	32 065	620,787	3 087,085	4,973	4,507
36	13	97 817	18 402,251	338 371,127	18,387	17,921	86	63	28 402	524,923	2 466,299	4,698	4,232
37	14	97 722	17 550,735	319 968,876	18,231	17,765	87	64	24 799	437,560	1 941,375	4,437	3,971
38	15	97 619	16 737,165	302 418,142	18,069	17,603	88	65	21 288	358,569	1 503,815	4,194	3,728
39	16	97 500	15 958,630	285 680,976	17,901	17,435	89	66	17 989	289,264	1 145,246	3,959	3,493
40	17	97 373	15 215,138	269 722,346	17,727	17,261	90	67	14 852	227,990	855,982	3,754	3,288
41	18	97 232	14 504,230	254 507,208	17,547	17,081	91	68	12 126	177,708	627,992	3,534	3,068
42	19	97 077	13 824,398	240 002,979	17,361	16,895	92	69	9 609	134,432	450,284	3,350	2,884
43	20	96 908	13 174,611	226 178,580	17,168	16,702	93	70	7 450	99,502	315,852	3,174	2,708
44	21	96 714	12 551,979	213 003,970	16,970	16,504	94	71	5 636	71,856	216,350	3,011	2,545
45	22	96 501	11 956,454	200 451,991	16,765	16,299	95	72	4 153	50,546	144,495	2,859	2,393
46	23	96 266	11 386,439	188 495,536	16,554	16,088	96	73	2 975	34,576	93,949	2,717	2,251
47	24	96 006	10 840,743	177 109,097	16,337	15,871	97	74	2 070	22,964	59,373	2,585	2,119
48	25	95 710	10 317,197	166 268,354	16,116	15,650	98	75	1 396	14,781	36,409	2,463	1,997
49	26	95 382	9 815,604	155 951,157	15,888	15,422	99	76	910	9,203	21,628	2,350	1,884
							100	77	573	5,534	12,425	2,245	1,779

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß   4,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	26	95 040	9 336,922	146 283,585	15,667	15,201
1							51	27	94 637	8 875,768	136 946,662	15,429	14,963
2							52	28	94 164	8 430,934	128 070,895	15,191	14,725
3							53	29	93 669	8 006,307	119 639,961	14,943	14,477
4							54	30	93 125	7 598,883	111 633,654	14,691	14,225
5							55	31	92 522	7 207,338	104 034,771	14,435	13,969
6							56	32	91 869	6 831,895	96 827,433	14,173	13,707
7							57	33	91 167	6 472,260	89 995,537	13,905	13,439
8							58	34	90 400	6 126,818	83 523,278	13,632	13,166
9							59	35	89 567	5 795,091	77 396,459	13,356	12,890
10							60	36	88 677	5 477,332	71 601,369	13,072	12,606
11							61	37	87 714	5 172,159	66 124,037	12,785	12,319
12							62	38	86 688	4 879,887	60 951,878	12,490	12,024
13							63	39	85 601	4 600,191	56 071,991	12,189	11,723
14							64	40	84 463	4 333,197	51 471,800	11,878	11,412
15							65	41	83 214	4 075,513	47 138,603	11,566	11,100
16							66	42	81 895	3 829,043	43 063,091	11,246	10,780
17							67	43	80 468	3 591,747	39 234,048	10,923	10,457
18							68	44	78 949	3 364,118	35 642,301	10,595	10,129
19							69	45	77 350	3 146,534	32 278,183	10,258	9,792
20							70	46	75 634	2 937,210	29 131,649	9,918	9,452
21							71	47	73 808	2 736,315	26 194,439	9,573	9,107
22							72	48	71 850	2 542,951	23 458,124	9,225	8,759
23							73	49	69 779	2 357,652	20 915,173	8,871	8,405
24	0	99 050	32 520,432	642 822,948	19,767	19,301	74	50	67 557	2 179,065	18 557,521	8,516	8,050
25	1	98 682	30 930,563	610 302,516	19,731	19,265	75	51	65 125	2 005,372	16 378,456	8,167	7,701
26	2	98 602	29 503,972	579 371,953	19,637	19,171	76	52	62 533	1 838,256	14 373,083	7,819	7,353
27	3	98 530	28 145,525	549 867,981	19,537	19,071	77	53	59 766	1 677,246	12 534,828	7,473	7,007
28	4	98 457	26 849,228	521 722,457	19,432	18,966	78	54	56 801	1 521,752	10 857,582	7,135	6,669
29	5	98 386	25 613,266	494 873,228	19,321	18,855	79	55	53 629	1 371,621	9 335,830	6,806	6,340
30	6	98 311	24 433,256	469 259,962	19,206	18,740	80	56	50 294	1 227,992	7 964,209	6,486	6,020
31	7	98 240	23 308,349	444 826,706	19,084	18,618	81	57	46 845	1 091,911	6 736,217	6,169	5,703
32	8	98 161	22 233,616	421 518,357	18,959	18,493	82	58	43 259	962,593	5 644,306	5,864	5,398
33	9	98 082	21 208,245	399 284,741	18,827	18,361	83	59	39 608	841,397	4 681,713	5,564	5,098
34	10	98 000	20 229,684	378 076,496	18,689	18,223	84	60	35 956	729,175	3 840,317	5,267	4,801
35	11	97 915	19 295,660	357 846,812	18,545	18,079	85	61	32 251	624,375	3 111,141	4,983	4,517
36	12	97 825	18 403,732	338 551,152	18,396	17,930	86	62	28 582	528,255	2 486,767	4,708	4,242
37	13	97 731	17 552,307	320 147,420	18,240	17,774	87	63	24 967	440,528	1 958,511	4,446	3,980
38	14	97 630	16 738,979	302 595,113	18,077	17,611	88	64	21 445	361,223	1 517,983	4,202	3,736
39	15	97 512	15 960,638	285 856,134	17,910	17,444	89	65	18 130	291,541	1 156,760	3,968	3,502
40	16	97 388	15 217,479	269 895,496	17,736	17,270	90	66	14 980	229,957	865,218	3,763	3,297
41	17	97 248	14 506,558	254 678,017	17,556	17,090	91	67	12 238	179,346	635,261	3,542	3,076
42	18	97 099	13 827,557	240 171,459	17,369	16,903	92	68	9 703	135,750	455,916	3,358	2,892
43	19	96 928	13 177,332	226 343,902	17,177	16,711	93	69	7 530	100,570	320,166	3,184	2,717
44	20	96 736	12 554,766	213 166,570	16,979	16,513	94	70	5 702	72,700	219,595	3,021	2,555
45	21	96 522	11 958,957	200 611,804	16,775	16,309	95	71	4 207	51,205	146,896	2,869	2,403
46	22	96 288	11 388,994	188 652,847	16,564	16,098	96	72	3 019	35,084	95,691	2,728	2,262
47	23	96 028	10 843,221	177 263,853	16,348	15,882	97	73	2 104	23,344	60,607	2,596	2,130
48	24	95 729	10 319,283	166 420,631	16,127	15,661	98	74	1 422	15,062	37,263	2,474	2,008
49	25	95 403	9 817,763	156 101,348	15,900	15,434	99	75	930	9,405	22,202	2,361	1,895
							100	76	588	5,673	12,797	2,256	1,790

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß   4,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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22						
23						
24						
25	0	98 994	31 028,386	610 594,451	19,679	19,213
26	1	98 628	29 511,762	579 566,065	19,638	19,172
27	2	98 545	28 149,717	550 054,303	19,540	19,074
28	3	98 468	26 852,229	521 904,586	19,436	18,970
29	4	98 397	25 616,319	495 052,357	19,326	18,860
30	5	98 321	24 435,726	469 436,038	19,211	18,745
31	6	98 248	23 310,379	445 000,312	19,090	18,624
32	7	98 169	22 235,525	421 689,933	18,965	18,499
33	8	98 089	21 209,807	399 454,408	18,833	18,367
34	9	98 007	20 231,080	378 244,602	18,696	18,230
35	10	97 922	19 297,029	358 013,522	18,553	18,087
36	11	97 833	18 405,204	338 716,493	18,403	17,937
37	12	97 739	17 553,720	320 311,289	18,247	17,781
38	13	97 638	16 740,479	302 757,569	18,085	17,619
39	14	97 522	15 962,368	286 017,090	17,918	17,452
40	15	97 400	15 219,394	270 054,722	17,744	17,278
41	16	97 263	14 508,790	254 835,328	17,564	17,098
42	17	97 115	13 829,776	240 326,538	17,377	16,911
43	18	96 951	13 180,343	226 496,762	17,184	16,718
44	19	96 756	12 557,360	213 316,419	16,987	16,521
45	20	96 543	11 961,613	200 759,060	16,784	16,318
46	21	96 308	11 391,378	188 797,447	16,574	16,108
47	22	96 050	10 845,654	177 406,069	16,357	15,891
48	23	95 751	10 321,642	166 560,414	16,137	15,671
49	24	95 422	9 819,748	156 238,772	15,911	15,445

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
50	25	95 061	9 338,977	146 419,023	15,678	15,212
51	26	94 660	8 877,869	137 080,047	15,441	14,975
52	27	94 189	8 433,199	128 202,178	15,202	14,736
53	28	93 693	8 008,332	119 768,979	14,956	14,490
54	29	93 152	7 601,064	111 760,647	14,703	14,237
55	30	92 549	7 209,379	104 159,583	14,448	13,982
56	31	91 896	6 833,959	96 950,204	14,187	13,721
57	32	91 199	6 474,555	90 116,245	13,919	13,453
58	33	90 433	6 129,059	83 641,690	13,647	13,181
59	34	89 605	5 797,554	77 512,631	13,370	12,904
60	35	88 712	5 479,511	71 715,077	13,088	12,622
61	36	87 755	5 174,618	66 235,566	12,800	12,334
62	37	86 734	4 882,493	61 060,948	12,506	12,040
63	38	85 649	4 602,753	56 178,455	12,205	11,739
64	39	84 519	4 336,066	51 575,702	11,895	11,429
65	40	83 272	4 078,393	47 239,637	11,583	11,117
66	41	81 960	3 832,114	43 161,244	11,263	10,797
67	42	80 540	3 594,946	39 329,130	10,940	10,474
68	43	79 030	3 367,566	35 734,183	10,611	10,145
69	44	77 437	3 150,072	32 366,617	10,275	9,809
70	45	75 730	2 940,943	29 216,545	9,934	9,468
71	46	73 912	2 740,176	26 275,602	9,589	9,123
72	47	71 968	2 547,116	23 535,426	9,240	8,774
73	48	69 903	2 361,829	20 988,310	8,886	8,420
74	49	67 696	2 183,558	18 626,481	8,530	8,064
75	50	65 269	2 009,800	16 442,923	8,181	7,715
76	51	62 687	1 842,765	14 433,123	7,832	7,366
77	52	59 931	1 681,863	12 590,358	7,486	7,020
78	53	56 973	1 526,341	10 908,495	7,147	6,681
79	54	53 801	1 376,012	9 382,154	6,818	6,352
80	55	50 473	1 232,358	8 006,142	6,497	6,031
81	56	47 022	1 096,045	6 773,784	6,180	5,714
82	57	43 432	966,455	5 677,739	5,875	5,409
83	58	39 784	845,126	4 711,283	5,575	5,109
84	59	36 127	732,635	3 866,157	5,277	4,811
85	60	32 425	627,758	3 133,523	4,992	4,526
86	61	28 747	531,309	2 505,765	4,716	4,250
87	62	25 126	443,325	1 974,456	4,454	3,988
88	63	21 591	363,674	1 531,132	4,210	3,744
89	64	18 265	293,700	1 167,458	3,975	3,509
90	65	15 098	231,767	873,758	3,770	3,304
91	66	12 344	180,893	641,991	3,549	3,083
92	67	9 793	137,001	461,098	3,366	2,900
93	68	7 604	101,556	324,097	3,191	2,725
94	69	5 763	73,480	222,540	3,029	2,563
95	70	4 256	51,806	149,060	2,877	2,411
96	71	3 059	35,541	97,254	2,736	2,270
97	72	2 135	23,687	61,713	2,605	2,139
98	73	1 446	15,311	38,026	2,484	2,018
99	74	948	9,583	22,715	2,370	1,904
100	75	601	5,797	13,132	2,265	1,799

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß   5,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	0	100 000	100 000,000	2 007 659,567	20,077	19,610	50	50	93 336	8 139,206	116 415,482	14,303	13,837
1	1	99 299	94 570,637	1 907 659,567	20,172	19,705	51	51	92 757	7 703,604	108 276,276	14,055	13,589
2	2	99 240	90 014,035	1 813 088,930	20,142	19,676	52	52	92 093	7 284,188	100 572,672	13,807	13,341
3	3	99 207	85 698,706	1 723 074,895	20,106	19,640	53	53	91 380	6 883,644	93 288,484	13,552	13,086
4	4	99 182	81 597,348	1 637 376,188	20,067	19,600	54	54	90 602	6 500,063	86 404,841	13,293	12,827
5	5	99 157	77 692,179	1 555 778,841	20,025	19,559	55	55	89 754	6 132,566	79 904,778	13,030	12,563
6	6	99 136	73 977,080	1 478 086,662	19,980	19,514	56	56	88 831	5 780,467	73 772,212	12,762	12,296
7	7	99 117	70 440,783	1 404 109,582	19,933	19,467	57	57	87 851	5 444,463	67 991,745	12,488	12,022
8	8	99 101	67 075,175	1 333 668,799	19,883	19,417	58	58	86 796	5 122,931	62 547,282	12,209	11,743
9	9	99 085	63 871,094	1 266 593,624	19,830	19,364	59	59	85 653	4 814,736	57 424,352	11,927	11,460
10	10	99 070	60 820,640	1 202 722,531	19,775	19,309	60	60	84 435	4 520,258	52 609,616	11,639	11,172
11	11	99 055	57 915,132	1 141 901,891	19,717	19,250	61	61	83 107	4 237,310	48 089,358	11,349	10,883
12	12	99 038	55 148,124	1 083 986,759	19,656	19,190	62	62	81 707	3 967,544	43 852,048	11,053	10,586
13	13	99 019	52 511,951	1 028 838,635	19,592	19,126	63	63	80 218	3 709,765	39 884,503	10,751	10,285
14	14	98 999	50 001,357	976 326,684	19,526	19,060	64	64	78 670	3 464,934	36 174,738	10,440	9,974
15	15	98 974	47 608,031	926 325,327	19,457	18,991	65	65	76 991	3 229,511	32 709,804	10,128	9,662
16	16	98 944	45 327,208	878 717,296	19,386	18,920	66	66	75 240	3 005,748	29 480,293	9,808	9,342
17	17	98 903	43 150,918	833 390,088	19,313	18,847	67	67	73 362	2 791,184	26 474,545	9,485	9,019
18	18	98 853	41 075,597	790 239,170	19,239	18,772	68	68	71 392	2 586,898	23 683,361	9,155	8,689
19	19	98 783	39 091,850	749 163,573	19,164	18,698	69	69	69 345	2 393,070	21 096,462	8,816	8,349
20	20	98 714	37 204,454	710 071,723	19,086	18,619	70	70	67 172	2 207,683	18 703,392	8,472	8,006
21	21	98 639	35 405,893	672 867,269	19,004	18,538	71	71	64 881	2 030,840	16 495,709	8,123	7,656
22	22	98 566	33 694,622	637 461,377	18,919	18,452	72	72	62 449	1 861,634	14 464,869	7,770	7,304
23	23	98 491	32 065,869	603 766,755	18,829	18,363	73	73	59 876	1 699,949	12 603,235	7,414	6,947
24	24	98 417	30 515,981	571 700,885	18,734	18,268	74	74	57 144	1 545,131	10 903,286	7,057	6,590
25	25	98 342	29 040,705	541 184,905	18,635	18,169	75	75	54 182	1 395,261	9 358,155	6,707	6,241
26	26	98 266	27 636,539	512 144,200	18,531	18,065	76	76	51 034	1 251,626	7 962,894	6,362	5,896
27	27	98 186	26 298,994	484 507,661	18,423	17,957	77	77	47 712	1 114,434	6 711,269	6,022	5,556
28	28	98 098	25 024,083	458 208,667	18,311	17,844	78	78	44 221	983,702	5 596,834	5,690	5,223
29	29	98 014	23 812,116	433 184,583	18,192	17,725	79	79	40 542	858,918	4 613,132	5,371	4,904
30	30	97 921	22 656,790	409 372,468	18,068	17,602	80	80	36 771	741,922	3 754,214	5,060	4,594
31	31	97 831	21 557,984	386 715,677	17,938	17,472	81	81	32 943	633,035	3 012,292	4,758	4,292
32	32	97 732	20 510,563	365 157,693	17,803	17,337	82	82	29 089	532,367	2 379,257	4,469	4,003
33	33	97 625	19 512,591	344 647,130	17,663	17,196	83	83	25 277	440,575	1 846,890	4,192	3,726
34	34	97 515	18 562,445	325 134,539	17,516	17,049	84	84	21 610	358,711	1 406,315	3,920	3,454
35	35	97 396	17 656,993	306 572,094	17,363	16,896	85	85	18 078	285,805	1 047,604	3,665	3,199
36	36	97 276	16 795,376	288 915,100	17,202	16,736	86	86	14 781	222,547	761,799	3,423	2,957
37	37	97 144	15 973,912	272 119,725	17,035	16,569	87	87	11 769	168,766	539,252	3,195	2,729
38	38	97 000	15 190,702	256 145,813	16,862	16,396	88	88	9 075	123,940	370,486	2,989	2,523
39	39	96 839	14 443,388	240 955,111	16,683	16,216	89	89	6 784	88,238	246,546	2,794	2,328
40	40	96 664	13 730,727	226 511,723	16,497	16,030	90	90	4 850	60,076	158,307	2,635	2,169
41	41	96 472	13 050,883	212 780,997	16,304	15,838	91	91	3 378	39,848	98,231	2,465	1,999
42	42	96 263	12 402,442	199 730,113	16,104	15,638	92	92	2 223	24,971	58,383	2,338	1,872
43	43	96 030	11 783,287	187 327,671	15,898	15,431	93	93	1 412	15,110	33,412	2,211	1,745
44	44	95 760	11 190,696	175 544,384	15,687	15,220	94	94	857	8,731	18,301	2,096	1,630
45	45	95 463	10 624,656	164 353,688	15,469	15,003	95	95	495	4,805	9,570	1,992	1,525
46	46	95 130	10 083,493	153 729,032	15,246	14,779	96	96	272	2,512	4,765	1,897	1,431
47	47	94 761	9 566,074	143 645,539	15,016	14,550	97	97	141	1,244	2,253	1,811	1,345
48	48	94 333	9 069,394	134 079,465	14,784	14,317	98	98	69	0,582	1,009	1,733	1,267
49	49	93 864	8 594,589	125 010,071	14,545	14,079	99	99	32	0,257	0,427	1,663	1,196
							100	100	14	0,106	0,170	1,599	1,132

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß   5,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	1	99 685	99 684,731	2 005 903,906	20,122	19,656	50	51	93 130	8 121,275	115 402,825	14,210	13,744
1	2	99 273	94 545,674	1 906 219,174	20,162	19,695	51	52	92 530	7 684,755	107 281,550	13,960	13,494
2	3	99 226	90 000,629	1 811 673,500	20,130	19,663	52	53	91 840	7 264,190	99 596,796	13,711	13,244
3	4	99 196	85 689,131	1 721 672,872	20,092	19,626	53	54	91 105	6 862,948	92 332,605	13,454	12,987
4	5	99 170	81 587,623	1 635 983,741	20,052	19,585	54	55	90 313	6 479,320	85 469,657	13,191	12,725
5	6	99 147	77 684,327	1 554 396,118	20,009	19,543	55	56	89 436	6 110,837	78 990,338	12,926	12,460
6	7	99 128	73 970,637	1 476 711,792	19,963	19,497	56	57	88 496	5 758,662	72 879,501	12,656	12,189
7	8	99 109	70 434,737	1 402 741,155	19,915	19,449	57	58	87 500	5 422,704	67 120,839	12,378	11,911
8	9	99 093	67 070,235	1 332 306,418	19,864	19,398	58	59	86 413	5 100,327	61 698,135	12,097	11,630
9	10	99 078	63 866,688	1 265 236,183	19,811	19,344	59	60	85 248	4 792,001	56 597,809	11,811	11,344
10	11	99 063	60 816,323	1 201 369,495	19,754	19,288	60	61	83 980	4 495,897	51 805,808	11,523	11,057
11	12	99 047	57 910,500	1 140 553,172	19,695	19,229	61	62	82 629	4 212,960	47 309,911	11,230	10,763
12	13	99 030	55 143,685	1 082 642,671	19,633	19,167	62	63	81 191	3 942,518	43 096,952	10,931	10,465
13	14	99 010	52 507,247	1 027 498,986	19,569	19,102	63	64	79 678	3 684,769	39 154,433	10,626	10,160
14	15	98 989	49 995,937	974 991,739	19,501	19,035	64	65	78 092	3 439,469	35 469,664	10,313	9,846
15	16	98 961	47 602,043	924 995,802	19,432	18,965	65	66	76 390	3 204,289	32 030,195	9,996	9,530
16	17	98 928	45 320,233	877 393,759	19,360	18,893	66	67	74 596	2 980,036	28 825,906	9,673	9,207
17	18	98 887	43 143,993	832 073,526	19,286	18,820	67	68	72 692	2 765,694	25 845,870	9,345	8,879
18	19	98 831	41 066,215	788 929,533	19,211	18,745	68	69	70 699	2 561,778	23 080,176	9,009	8,543
19	20	98 763	39 083,776	747 863,318	19,135	18,668	69	70	68 609	2 367,652	20 518,398	8,666	8,200
20	21	98 693	37 196,195	708 779,542	19,055	18,589	70	71	66 392	2 182,064	18 150,746	8,318	7,852
21	22	98 619	35 398,483	671 583,347	18,972	18,506	71	72	64 045	2 004,688	15 968,682	7,966	7,499
22	23	98 543	33 687,063	636 184,864	18,885	18,419	72	73	61 545	1 834,682	13 963,993	7,611	7,145
23	24	98 469	32 058,540	602 497,801	18,794	18,327	73	74	58 903	1 672,305	12 129,312	7,253	6,787
24	25	98 397	30 509,812	570 439,262	18,697	18,231	74	75	56 081	1 516,380	10 457,006	6,896	6,430
25	26	98 321	29 034,317	539 929,449	18,596	18,130	75	76	53 019	1 365,321	8 940,626	6,548	6,082
26	27	98 243	27 629,998	510 895,133	18,491	18,024	76	77	49 784	1 220,970	7 575,305	6,204	5,738
27	28	98 160	26 291,929	483 265,135	18,381	17,914	77	78	46 390	1 083,538	6 354,335	5,864	5,398
28	29	98 073	25 017,755	456 973,205	18,266	17,800	78	79	42 803	952,157	5 270,797	5,536	5,069
29	30	97 986	23 805,284	431 955,450	18,145	17,679	79	80	39 070	827,734	4 318,640	5,217	4,751
30	31	97 894	22 650,378	408 150,166	18,020	17,553	80	81	35 235	710,935	3 490,906	4,910	4,444
31	32	97 801	21 551,473	385 499,789	17,887	17,421	81	82	31 375	602,909	2 779,971	4,611	4,145
32	33	97 697	20 503,292	363 948,315	17,751	17,284	82	83	27 485	503,010	2 177,062	4,328	3,862
33	34	97 589	19 505,456	343 445,023	17,608	17,141	83	84	23 692	412,946	1 674,052	4,054	3,588
34	35	97 474	18 554,560	323 939,566	17,459	16,992	84	85	20 047	332,770	1 261,106	3,790	3,323
35	36	97 358	17 649,970	305 385,006	17,302	16,836	85	86	16 582	262,153	928,336	3,541	3,075
36	37	97 230	16 787,394	287 735,036	17,140	16,674	86	87	13 388	201,578	666,182	3,305	2,838
37	38	97 092	15 965,387	270 947,642	16,971	16,505	87	88	10 495	150,490	464,604	3,087	2,621
38	39	96 946	15 182,245	254 982,255	16,795	16,328	88	89	7 966	108,784	314,114	2,888	2,421
39	40	96 775	14 433,833	239 800,010	16,614	16,147	89	90	5 824	75,751	205,330	2,711	2,244
40	41	96 596	13 721,030	225 366,177	16,425	15,958	90	91	4 099	50,777	129,579	2,552	2,086
41	42	96 395	13 040,423	211 645,147	16,230	15,764	91	92	2 778	32,768	78,802	2,405	1,938
42	43	96 177	12 391,403	198 604,724	16,028	15,561	92	93	1 802	20,246	46,035	2,274	1,807
43	44	95 932	11 771,222	186 213,322	15,819	15,353	93	94	1 119	11,979	25,789	2,153	1,686
44	45	95 653	11 178,127	174 442,100	15,606	15,139	94	95	663	6,759	13,810	2,043	1,577
45	46	95 341	10 611,171	163 263,973	15,386	14,920	95	96	374	3,628	7,051	1,944	1,477
46	47	94 996	10 069,284	152 652,802	15,160	14,694	96	97	200	1,847	3,423	1,854	1,387
47	48	94 606	9 550,432	142 583,517	14,930	14,463	97	98	101	0,890	1,576	1,772	1,305
48	49	94 166	9 053,355	133 033,085	14,694	14,228	98	99	48	0,404	0,687	1,698	1,231
49	50	93 671	8 576,904	123 979,730	14,455	13,989	99	100	22	0,173	0,282	1,630	1,164

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß   5,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	2	99 658	99 658,418	2 004 343,063	20,112	19,646	50	52	92 902	8 101,404	114 310,530	14,110	13,644
1	3	99 258	94 531,592	1 904 684,645	20,149	19,682	51	53	92 276	7 663,657	106 209,126	13,859	13,392
2	4	99 215	89 990,573	1 810 153,053	20,115	19,649	52	54	91 564	7 242,350	98 545,469	13,607	13,140
3	5	99 184	85 678,918	1 720 162,480	20,077	19,610	53	55	90 815	6 841,046	91 303,118	13,346	12,880
4	6	99 160	81 579,376	1 634 483,562	20,035	19,569	54	56	89 993	6 456,362	84 462,072	13,082	12,616
5	7	99 138	77 677,561	1 552 904,186	19,992	19,525	55	57	89 099	6 087,786	78 005,709	12,813	12,347
6	8	99 119	73 964,288	1 475 226,625	19,945	19,479	56	58	88 142	5 735,647	71 917,924	12,539	12,072
7	9	99 101	70 429,550	1 401 262,336	19,896	19,430	57	59	87 113	5 398,777	66 182,277	12,259	11,792
8	10	99 086	67 065,608	1 330 832,786	19,844	19,377	58	60	86 005	5 076,243	60 783,500	11,974	11,508
9	11	99 071	63 862,155	1 263 767,178	19,789	19,323	59	61	84 789	4 766,175	55 707,257	11,688	11,222
10	12	99 055	60 811,460	1 199 905,023	19,732	19,265	60	62	83 497	4 470,060	50 941,082	11,396	10,930
11	13	99 039	57 905,839	1 139 093,563	19,671	19,205	61	63	82 108	4 186,386	46 471,022	11,101	10,634
12	14	99 021	55 138,746	1 081 187,724	19,608	19,142	62	64	80 644	3 915,954	42 284,636	10,798	10,332
13	15	99 000	52 501,556	1 026 048,979	19,543	19,077	63	65	79 092	3 657,688	38 368,682	10,490	10,023
14	16	98 976	49 989,648	973 547,423	19,475	19,009	64	66	77 482	3 412,607	34 710,994	10,171	9,705
15	17	98 946	47 594,718	923 557,775	19,405	18,938	65	67	75 736	3 176,879	31 298,386	9,852	9,386
16	18	98 913	45 312,961	875 963,057	19,331	18,865	66	68	73 915	2 952,822	28 121,508	9,524	9,057
17	19	98 864	43 134,139	830 650,096	19,257	18,791	67	69	71 986	2 738,837	25 168,686	9,190	8,723
18	20	98 810	41 057,733	787 515,958	19,181	18,714	68	70	69 948	2 534,568	22 429,849	8,850	8,383
19	21	98 741	39 075,100	746 458,224	19,103	18,637	69	71	67 813	2 340,176	19 895,281	8,502	8,035
20	22	98 672	37 188,410	707 383,125	19,022	18,555	70	72	65 537	2 153,965	17 555,104	8,150	7,684
21	23	98 597	35 390,542	670 194,715	18,937	18,471	71	73	63 118	1 975,665	15 401,140	7,795	7,329
22	24	98 521	33 679,363	634 804,173	18,848	18,382	72	74	60 544	1 804,847	13 425,474	7,439	6,972
23	25	98 449	32 052,059	601 124,810	18,755	18,288	73	75	57 807	1 641,188	11 620,627	7,081	6,614
24	26	98 376	30 503,101	569 072,750	18,656	18,190	74	76	54 878	1 483,842	9 979,439	6,725	6,259
25	27	98 297	29 027,445	538 569,650	18,554	18,087	75	77	51 721	1 331,881	8 495,597	6,379	5,912
26	28	98 217	27 622,575	509 542,204	18,447	17,980	76	78	48 404	1 187,120	7 163,716	6,035	5,568
27	29	98 135	26 285,281	481 919,629	18,334	17,868	77	79	44 902	1 048,791	5 976,596	5,699	5,232
28	30	98 045	25 010,577	455 634,349	18,218	17,751	78	80	41 249	917,588	4 927,805	5,370	4,904
29	31	97 958	23 798,546	430 623,771	18,095	17,628	79	81	37 438	793,163	4 010,218	5,056	4,590
30	32	97 864	22 643,537	406 825,225	17,967	17,500	80	82	33 558	677,102	3 217,055	4,751	4,285
31	33	97 767	21 543,834	384 181,689	17,833	17,366	81	83	29 645	569,662	2 539,953	4,459	3,992
32	34	97 661	20 495,796	362 637,855	17,693	17,227	82	84	25 762	471,465	1 970,291	4,179	3,713
33	35	97 548	19 497,171	342 142,059	17,548	17,082	83	85	21 979	383,084	1 498,826	3,913	3,446
34	36	97 435	18 547,180	322 644,888	17,396	16,929	84	86	18 388	305,232	1 115,742	3,655	3,189
35	37	97 311	17 641,583	304 097,708	17,238	16,771	85	87	15 020	237,452	810,510	3,413	2,947
36	38	97 178	16 778,435	286 456,125	17,073	16,606	86	88	11 938	179,749	573,057	3,188	2,722
37	39	97 038	15 956,498	269 677,690	16,901	16,434	87	89	9 211	132,087	393,309	2,978	2,511
38	40	96 882	15 172,201	253 721,192	16,723	16,256	88	90	6 838	93,389	261,221	2,797	2,331
39	41	96 707	14 423,639	238 548,990	16,539	16,072	89	91	4 923	64,025	167,832	2,621	2,155
40	42	96 518	13 710,032	224 125,351	16,348	15,881	90	92	3 371	41,755	103,807	2,486	2,020
41	43	96 309	13 028,816	210 415,319	16,150	15,684	91	93	2 252	26,567	62,053	2,336	1,869
42	44	96 078	12 378,715	197 386,503	15,946	15,479	92	94	1 429	16,050	35,486	2,211	1,745
43	45	95 824	11 758,001	185 007,788	15,735	15,268	93	95	867	9,273	19,435	2,096	1,630
44	46	95 532	11 163,940	173 249,787	15,519	15,052	94	96	501	5,103	10,163	1,992	1,525
45	47	95 207	10 596,219	162 085,848	15,297	14,830	95	97	275	2,667	5,060	1,897	1,431
46	48	94 841	10 052,820	151 489,629	15,069	14,603	96	98	143	1,321	2,393	1,811	1,345
47	49	94 439	9 533,543	141 436,809	14,836	14,369	97	99	70	0,618	1,072	1,733	1,267
48	50	93 973	9 034,726	131 903,266	14,600	14,133	98	100	33	0,273	0,453	1,663	1,196
49	51	93 465	8 558,010	122 868,539	14,357	13,891							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß   5,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	3	99 644	99 643,575	2 002 681,502	20,098	19,632	50	53	92 647	8 079,163	113 134,779	14,003	13,537
1	4	99 247	94 521,030	1 903 037,927	20,133	19,667	51	54	91 999	7 640,616	105 055,616	13,750	13,283
2	5	99 203	89 979,848	1 808 516,897	20,099	19,633	52	55	91 271	7 219,238	97 415,001	13,494	13,027
3	6	99 174	85 670,258	1 718 537,049	20,060	19,594	53	56	90 493	6 816,808	90 195,762	13,231	12,765
4	7	99 152	81 572,272	1 632 866,791	20,017	19,551	54	57	89 654	6 432,008	83 378,955	12,963	12,497
5	8	99 130	77 670,894	1 551 294,519	19,973	19,506	55	58	88 742	6 063,455	76 946,947	12,690	12,224
6	9	99 112	73 958,841	1 473 623,625	19,925	19,459	56	59	87 753	5 710,340	70 883,491	12,413	11,947
7	10	99 095	70 424,691	1 399 664,784	19,875	19,408	57	60	86 702	5 373,284	65 173,152	12,129	11,663
8	11	99 079	67 060,849	1 329 240,093	19,821	19,355	58	61	85 541	5 048,885	59 799,868	11,844	11,378
9	12	99 063	63 857,048	1 262 179,244	19,766	19,299	59	62	84 302	4 738,785	54 750,983	11,554	11,087
10	13	99 047	60 806,565	1 198 322,196	19,707	19,241	60	63	82 970	4 441,864	50 012,198	11,259	10,793
11	14	99 030	57 900,652	1 137 515,631	19,646	19,180	61	64	81 555	4 158,179	45 570,333	10,959	10,493
12	15	99 011	55 132,769	1 079 614,980	19,582	19,116	62	65	80 052	3 887,174	41 412,155	10,654	10,187
13	16	98 987	52 494,952	1 024 482,210	19,516	19,049	63	66	78 474	3 629,122	37 524,981	10,340	9,874
14	17	98 961	49 981,956	971 987,259	19,447	18,980	64	67	76 819	3 383,415	33 895,858	10,018	9,552
15	18	98 930	47 587,080	922 005,303	19,375	18,909	65	68	75 045	3 147,866	30 512,444	9,693	9,227
16	19	98 890	45 302,611	874 418,222	19,302	18,835	66	69	73 197	2 924,148	27 364,577	9,358	8,892
17	20	98 844	43 125,230	829 115,612	19,226	18,759	67	70	71 222	2 709,747	24 440,429	9,019	8,553
18	21	98 788	41 048,619	785 990,382	19,148	18,681	68	71	69 136	2 505,155	21 730,682	8,674	8,208
19	22	98 720	39 066,922	744 941,763	19,068	18,602	69	72	66 939	2 310,041	19 225,527	8,323	7,856
20	23	98 650	37 180,067	705 874,841	18,985	18,519	70	73	64 589	2 122,780	16 915,486	7,969	7,502
21	24	98 574	35 382,452	668 694,774	18,899	18,433	71	74	62 092	1 943,538	14 792,706	7,611	7,145
22	25	98 501	33 672,555	633 312,322	18,808	18,342	72	75	59 417	1 771,264	12 849,167	7,254	6,788
23	26	98 427	32 045,009	599 639,766	18,712	18,246	73	76	56 566	1 605,971	11 077,904	6,898	6,432
24	27	98 352	30 495,882	567 594,758	18,612	18,146	74	77	53 534	1 447,498	9 471,932	6,544	6,077
25	28	98 271	29 019,647	537 098,876	18,508	18,042	75	78	50 287	1 294,956	8 024,434	6,197	5,730
26	29	98 192	27 615,590	508 079,229	18,398	17,932	76	79	46 852	1 149,051	6 729,478	5,857	5,390
27	30	98 107	26 277,739	480 463,639	18,284	17,818	77	80	43 272	1 010,714	5 580,426	5,521	5,055
28	31	98 017	25 003,498	454 185,900	18,165	17,698	78	81	39 526	879,264	4 569,713	5,197	4,731
29	32	97 928	23 791,358	429 182,402	18,039	17,573	79	82	35 657	755,416	3 690,449	4,885	4,419
30	33	97 829	22 635,510	405 391,043	17,910	17,443	80	83	31 708	639,763	2 935,032	4,588	4,121
31	34	97 731	21 535,957	382 755,533	17,773	17,306	81	84	27 786	533,938	2 295,269	4,299	3,832
32	35	97 620	20 487,090	361 219,576	17,632	17,165	82	85	23 899	437,371	1 761,331	4,027	3,561
33	36	97 509	19 489,416	340 732,487	17,483	17,017	83	86	20 160	351,382	1 323,960	3,768	3,301
34	37	97 388	18 538,366	321 243,071	17,329	16,862	84	87	16 655	276,472	972,579	3,518	3,051
35	38	97 259	17 632,168	302 704,705	17,168	16,701	85	88	13 393	211,738	696,107	3,288	2,821
36	39	97 124	16 769,094	285 072,537	17,000	16,533	86	89	10 478	157,768	484,368	3,070	2,604
37	40	96 974	15 945,942	268 303,442	16,826	16,359	87	90	7 908	113,395	326,600	2,880	2,414
38	41	96 813	15 161,486	252 357,500	16,645	16,178	88	91	5 780	78,933	213,206	2,701	2,235
39	42	96 629	14 412,079	237 196,014	16,458	15,992	89	92	4 048	52,649	134,273	2,550	2,084
40	43	96 433	13 697,829	222 783,935	16,264	15,798	90	93	2 733	33,854	81,624	2,411	1,945
41	44	96 210	13 015,475	209 086,106	16,064	15,598	91	94	1 785	21,061	47,771	2,268	1,802
42	45	95 971	12 364,811	196 070,630	15,857	15,391	92	95	1 106	12,425	26,710	2,150	1,683
43	46	95 702	11 743,077	183 705,819	15,644	15,177	93	96	654	7,001	14,285	2,041	1,574
44	47	95 397	11 148,208	171 962,742	15,425	14,959	94	97	368	3,752	7,284	1,942	1,475
45	48	95 051	10 578,893	160 814,534	15,201	14,735	95	98	197	1,908	3,532	1,852	1,385
46	49	94 673	10 035,042	150 235,641	14,971	14,505	96	99	99	0,918	1,625	1,770	1,304
47	50	94 245	9 513,926	140 200,598	14,736	14,270	97	100	47	0,417	0,707	1,696	1,230
48	51	93 766	9 014,823	130 686,672	14,497	14,030							
49	52	93 236	8 537,070	121 671,849	14,252	13,786							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß   5,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	4	99 632	99 632,441	2 000 900,443	20,083	19,616	50	54	92 368	8 054,872	111 872,233	13,889	13,422
1	5	99 235	94 509,765	1 901 268,002	20,117	19,651	51	55	91 705	7 616,233	103 817,360	13,631	13,165
2	6	99 193	89 970,753	1 806 758,237	20,082	19,615	52	56	90 948	7 193,659	96 201,127	13,373	12,907
3	7	99 165	85 662,797	1 716 787,484	20,041	19,575	53	57	90 151	6 791,093	89 007,468	13,107	12,640
4	8	99 143	81 565,271	1 631 124,687	19,998	19,531	54	58	89 295	6 406,302	82 216,375	12,834	12,367
5	9	99 123	77 665,174	1 549 559,417	19,952	19,485	55	59	88 351	6 036,702	75 810,073	12,558	12,092
6	10	99 105	73 953,739	1 471 894,242	19,903	19,437	56	60	87 339	5 683,375	69 773,371	12,277	11,810
7	11	99 088	70 419,693	1 397 940,503	19,852	19,385	57	61	86 235	5 344,325	64 089,996	11,992	11,526
8	12	99 071	67 055,486	1 327 520,810	19,797	19,331	58	62	85 050	5 019,871	58 745,671	11,703	11,236
9	13	99 055	63 851,908	1 260 465,324	19,740	19,274	59	63	83 770	4 708,895	53 725,800	11,409	10,943
10	14	99 039	60 801,118	1 196 613,416	19,681	19,214	60	64	82 411	4 411,936	49 016,906	11,110	10,644
11	15	99 019	57 894,376	1 135 812,298	19,619	19,152	61	65	80 956	4 127,618	44 604,970	10,806	10,340
12	16	98 998	55 125,834	1 077 917,922	19,554	19,087	62	66	79 427	3 856,816	40 477,352	10,495	10,029
13	17	98 972	52 486,874	1 022 792,088	19,487	19,020	63	67	77 803	3 598,078	36 620,536	10,178	9,711
14	18	98 945	49 973,935	970 305,214	19,416	18,950	64	68	76 118	3 352,517	33 022,458	9,850	9,384
15	19	98 908	47 576,211	920 331,279	19,344	18,878	65	69	74 316	3 117,299	29 669,941	9,518	9,051
16	20	98 869	45 293,254	872 755,068	19,269	18,803	66	70	72 420	2 893,089	26 552,643	9,178	8,712
17	21	98 822	43 115,657	827 461,814	19,192	18,725	67	71	70 395	2 678,301	23 659,554	8,834	8,367
18	22	98 768	41 040,028	784 346,158	19,112	18,645	68	72	68 246	2 472,896	20 981,253	8,484	8,018
19	23	98 698	39 058,158	743 306,130	19,031	18,564	69	73	65 970	2 276,597	18 508,357	8,130	7,663
20	24	98 627	37 171,569	704 247,972	18,946	18,479	70	74	63 538	2 088,261	16 231,760	7,773	7,306
21	25	98 554	35 375,300	667 076,403	18,857	18,391	71	75	60 936	1 907,374	14 143,498	7,415	6,949
22	26	98 479	33 665,148	631 701,103	18,764	18,298	72	76	58 142	1 733,256	12 236,125	7,060	6,593
23	27	98 404	32 037,425	598 035,955	18,667	18,200	73	77	55 181	1 566,637	10 502,868	6,704	6,238
24	28	98 326	30 487,689	565 998,531	18,565	18,098	74	78	52 049	1 407,368	8 936,232	6,350	5,883
25	29	98 246	29 012,309	535 510,841	18,458	17,992	75	79	48 674	1 253,429	7 528,864	6,007	5,540
26	30	98 164	27 607,667	506 498,533	18,346	17,880	76	80	45 151	1 107,334	6 275,434	5,667	5,201
27	31	98 079	26 270,301	478 890,866	18,229	17,763	77	81	41 464	968,501	5 168,100	5,336	4,870
28	32	97 987	24 995,947	452 620,565	18,108	17,641	78	82	37 645	837,420	4 199,600	5,015	4,549
29	33	97 894	23 782,925	427 624,618	17,980	17,514	79	83	33 690	713,759	3 362,180	4,711	4,244
30	34	97 794	22 627,234	403 841,693	17,848	17,381	80	84	29 719	599,643	2 648,421	4,417	3,950
31	35	97 690	21 526,809	381 214,459	17,709	17,242	81	85	25 776	495,325	2 048,778	4,136	3,670
32	36	97 581	20 478,941	359 687,650	17,564	17,097	82	86	21 921	401,176	1 553,453	3,872	3,406
33	37	97 463	19 480,154	339 208,709	17,413	16,947	83	87	18 260	318,273	1 152,276	3,620	3,154
34	38	97 337	18 528,473	319 728,555	17,256	16,790	84	88	14 852	246,533	834,003	3,383	2,917
35	39	97 205	17 622,352	301 200,083	17,092	16,626	85	89	11 756	185,846	587,470	3,161	2,695
36	40	97 059	16 758,001	283 577,731	16,922	16,456	86	90	8 996	135,441	401,624	2,965	2,499
37	41	96 905	15 934,681	266 819,730	16,745	16,278	87	91	6 684	95,842	266,183	2,777	2,311
38	42	96 736	15 149,335	250 885,049	16,561	16,094	88	92	4 753	64,908	170,342	2,624	2,158
39	43	96 543	14 399,251	235 735,715	16,371	15,905	89	93	3 282	42,686	105,434	2,470	2,004
40	44	96 334	13 683,803	221 336,464	16,175	15,709	90	94	2 167	26,837	62,748	2,338	1,872
41	45	96 102	13 000,857	207 652,660	15,972	15,506	91	95	1 382	16,304	35,911	2,203	1,736
42	46	95 849	12 349,118	194 651,804	15,762	15,296	92	96	835	9,380	19,607	2,090	1,624
43	47	95 567	11 726,530	182 302,686	15,546	15,080	93	97	481	5,147	10,227	1,987	1,520
44	48	95 241	11 129,980	170 576,156	15,326	14,859	94	98	263	2,684	5,080	1,893	1,427
45	49	94 883	10 560,185	159 446,176	15,099	14,632	95	99	137	1,326	2,396	1,808	1,341
46	50	94 478	10 014,394	148 885,992	14,867	14,401	96	100	67	0,619	1,071	1,730	1,264
47	51	94 037	9 492,967	138 871,598	14,629	14,162							
48	52	93 536	8 992,766	129 378,631	14,387	13,921							
49	53	92 980	8 513,632	120 385,865	14,140	13,674							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß   5,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	5	99 621	99 620,567	1 998 988,525	20,066	19,600	50	55	92 074	8 029,168	110 519,271	13,765	13,298
1	6	99 225	94 500,212	1 899 367,958	20,099	19,633	51	56	91 380	7 589,247	102 490,104	13,505	13,038
2	7	99 184	89 962,917	1 804 867,746	20,062	19,596	52	57	90 605	7 166,524	94 900,856	13,242	12,776
3	8	99 157	85 655,445	1 714 904,828	20,021	19,555	53	58	89 791	6 763,952	87 734,333	12,971	12,504
4	9	99 136	81 559,264	1 629 249,383	19,976	19,510	54	59	88 901	6 378,035	80 970,381	12,695	12,229
5	10	99 116	77 659,817	1 547 690,119	19,929	19,463	55	60	87 934	6 008,196	74 592,346	12,415	11,949
6	11	99 098	73 948,491	1 470 030,303	19,879	19,413	56	61	86 868	5 652,745	68 584,149	12,133	11,666
7	12	99 080	70 414,062	1 396 081,812	19,827	19,360	57	62	85 739	5 313,613	62 931,404	11,843	11,377
8	13	99 064	67 050,088	1 325 667,750	19,771	19,305	58	63	84 513	4 988,207	57 617,791	11,551	11,084
9	14	99 046	63 846,188	1 258 617,662	19,713	19,247	59	64	83 205	4 677,167	52 629,584	11,252	10,786
10	15	99 028	60 794,528	1 194 771,474	19,653	19,186	60	65	81 806	4 379,511	47 952,417	10,949	10,483
11	16	99 007	57 887,093	1 133 976,946	19,589	19,123	61	66	80 323	4 095,382	43 572,907	10,640	10,173
12	17	98 983	55 117,352	1 076 089,853	19,524	19,057	62	67	78 747	3 823,824	39 477,524	10,324	9,858
13	18	98 956	52 478,452	1 020 972,501	19,455	18,989	63	68	77 092	3 565,219	35 653,701	10,000	9,534
14	19	98 922	49 962,521	968 494,050	19,384	18,918	64	69	75 379	3 319,962	32 088,482	9,665	9,199
15	20	98 887	47 566,385	918 531,529	19,311	18,844	65	70	73 527	3 084,188	28 768,520	9,328	8,861
16	21	98 848	45 283,199	870 965,144	19,234	18,767	66	71	71 579	2 859,516	25 684,332	8,982	8,516
17	22	98 801	43 106,633	825 681,945	19,154	18,688	67	72	69 489	2 643,812	22 824,816	8,633	8,167
18	23	98 746	41 030,821	782 575,312	19,073	18,606	68	73	67 258	2 437,094	20 181,004	8,281	7,814
19	24	98 675	39 049,230	741 544,491	18,990	18,524	69	74	64 897	2 239,577	17 743,911	7,923	7,456
20	25	98 607	37 164,055	702 495,261	18,903	18,436	70	75	62 356	2 049,404	15 504,334	7,565	7,099
21	26	98 533	35 367,518	665 331,206	18,812	18,346	71	76	59 629	1 866,446	13 454,930	7,209	6,742
22	27	98 456	33 657,181	629 963,688	18,717	18,251	72	77	56 718	1 690,804	11 588,484	6,854	6,387
23	28	98 377	32 028,818	596 306,508	18,618	18,151	73	78	53 651	1 523,204	9 897,680	6,498	6,032
24	29	98 301	30 479,980	564 277,690	18,513	18,047	74	79	50 380	1 362,236	8 374,477	6,148	5,681
25	30	98 218	29 003,985	533 797,710	18,404	17,938	75	80	46 907	1 207,922	7 012,240	5,805	5,339
26	31	98 136	27 599,853	504 793,726	18,290	17,823	76	81	43 265	1 061,086	5 804,318	5,470	5,004
27	32	98 049	26 262,367	477 193,873	18,170	17,704	77	82	39 491	922,409	4 743,232	5,142	4,676
28	33	97 953	24 987,086	450 931,506	18,047	17,580	78	83	35 569	791,241	3 820,823	4,829	4,362
29	34	97 858	23 774,229	425 944,419	17,916	17,450	79	84	31 578	668,998	3 029,582	4,529	4,062
30	35	97 752	22 617,622	402 170,190	17,781	17,315	80	85	27 570	556,279	2 360,584	4,244	3,777
31	36	97 651	21 518,247	379 552,568	17,639	17,172	81	86	23 643	454,335	1 804,305	3,971	3,505
32	37	97 535	20 469,209	358 034,321	17,491	17,025	82	87	19 855	363,377	1 349,970	3,715	3,249
33	38	97 411	19 469,758	337 565,112	17,338	16,872	83	88	16 283	283,807	986,593	3,476	3,010
34	39	97 282	18 518,157	318 095,354	17,177	16,711	84	89	13 036	216,385	702,786	3,248	2,781
35	40	97 141	17 610,694	299 577,197	17,011	16,545	85	90	10 092	159,545	486,401	3,049	2,582
36	41	96 991	16 746,166	281 966,503	16,838	16,371	86	91	7 603	114,475	326,856	2,855	2,389
37	42	96 828	15 921,909	265 220,338	16,658	16,191	87	92	5 496	78,812	212,381	2,695	2,228
38	43	96 650	15 135,850	249 298,428	16,471	16,004	88	93	3 853	52,625	133,569	2,538	2,072
39	44	96 445	14 384,507	234 162,578	16,279	15,812	89	94	2 602	33,839	80,943	2,392	1,926
40	45	96 226	13 668,434	219 778,071	16,079	15,613	90	95	1 677	20,775	47,104	2,267	1,801
41	46	95 980	12 984,356	206 109,637	15,874	15,407	91	96	1 043	12,308	26,329	2,139	1,673
42	47	95 714	12 331,716	193 125,281	15,661	15,194	92	97	614	6,897	14,020	2,033	1,566
43	48	95 411	11 707,355	180 793,564	15,443	14,976	93	98	344	3,682	7,123	1,935	1,468
44	49	95 072	11 110,297	169 086,209	15,219	14,752	94	99	183	1,865	3,442	1,846	1,380
45	50	94 688	10 538,456	157 975,912	14,990	14,524	95	100	92	0,894	1,577	1,765	1,299
46	51	94 270	9 992,332	147 437,456	14,755	14,289							
47	52	93 807	9 469,740	137 445,124	14,514	14,048							
48	53	93 279	8 968,077	127 975,384	14,270	13,804							
49	54	92 701	8 488,036	119 007,307	14,021	13,554							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß   5,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	6	99 610	99 610,498	1 996 938,738	20,047	19,581	50	56	91 747	8 000,719	109 071,672	13,633	13,166
1	7	99 217	94 491,982	1 897 328,240	20,079	19,613	51	57	91 036	7 560,619	101 070,953	13,368	12,902
2	8	99 176	89 955,196	1 802 836,258	20,041	19,575	52	58	90 243	7 137,882	93 510,334	13,101	12,634
3	9	99 150	85 649,137	1 712 881,062	19,999	19,532	53	59	89 395	6 734,107	86 372,452	12,826	12,360
4	10	99 129	81 553,637	1 627 231,925	19,953	19,487	54	60	88 482	6 347,918	79 638,344	12,546	12,079
5	11	99 109	77 654,305	1 545 678,287	19,905	19,438	55	61	87 460	5 975,816	73 290,427	12,265	11,798
6	12	99 090	73 942,577	1 468 023,982	19,854	19,387	56	62	86 369	5 620,261	67 314,611	11,977	11,511
7	13	99 072	70 408,394	1 394 081,405	19,800	19,334	57	63	85 198	5 280,097	61 694,350	11,684	11,218
8	14	99 055	67 044,082	1 323 673,011	19,743	19,277	58	64	83 944	4 954,597	56 414,253	11,386	10,920
9	15	99 036	63 839,268	1 256 628,930	19,684	19,218	59	65	82 594	4 642,792	51 459,656	11,084	10,617
10	16	99 015	60 786,881	1 192 789,662	19,622	19,156	60	66	81 167	4 345,307	46 816,864	10,774	10,308
11	17	98 991	57 878,186	1 132 002,781	19,558	19,092	61	67	79 636	4 060,349	42 471,557	10,460	9,994
12	18	98 967	55 108,507	1 074 124,595	19,491	19,025	62	68	78 028	3 788,053	38 411,207	10,138	9,671
13	19	98 933	52 466,465	1 019 016,088	19,422	18,956	63	69	76 344	3 530,598	34 622,304	9,806	9,340
14	20	98 902	49 952,201	966 549,623	19,349	18,883	64	70	74 578	3 284,698	31 091,705	9,466	8,999
15	21	98 865	47 555,825	916 597,422	19,274	18,808	65	71	72 673	3 048,397	27 807,007	9,122	8,655
16	22	98 827	45 273,722	869 041,596	19,195	18,729	66	72	70 657	2 822,693	24 758,610	8,771	8,305
17	23	98 779	43 096,963	823 767,875	19,114	18,648	67	73	68 483	2 605,536	21 935,917	8,419	7,953
18	24	98 723	41 021,442	780 670,912	19,031	18,564	68	74	66 164	2 397,464	19 330,381	8,063	7,596
19	25	98 656	39 041,337	739 649,470	18,945	18,479	69	75	63 690	2 197,904	16 932,918	7,704	7,238
20	26	98 586	37 155,880	700 608,133	18,856	18,390	70	76	61 018	2 005,428	14 735,014	7,348	6,881
21	27	98 509	35 359,148	663 452,253	18,763	18,297	71	77	58 168	1 820,731	12 729,586	6,991	6,525
22	28	98 430	33 648,139	628 093,105	18,667	18,200	72	78	55 146	1 643,928	10 908,854	6,636	6,169
23	29	98 352	32 020,719	594 444,967	18,564	18,098	73	79	51 930	1 474,357	9 264,926	6,284	5,818
24	30	98 273	30 471,234	562 424,248	18,458	17,991	74	80	48 551	1 312,779	7 790,569	5,934	5,468
25	31	98 190	28 995,776	531 953,014	18,346	17,879	75	81	44 948	1 157,473	6 477,790	5,596	5,130
26	32	98 106	27 591,517	502 957,238	18,229	17,762	76	82	41 206	1 010,588	5 320,317	5,265	4,798
27	33	98 015	26 253,058	475 365,721	18,107	17,641	77	83	37 313	871,544	4 309,729	4,945	4,479
28	34	97 917	24 977,950	449 112,663	17,980	17,514	78	84	33 339	741,621	3 438,185	4,636	4,170
29	35	97 816	23 764,130	424 134,713	17,848	17,381	79	85	29 294	620,619	2 696,564	4,345	3,879
30	36	97 713	22 608,626	400 370,583	17,709	17,242	80	86	25 288	510,245	2 075,945	4,069	3,602
31	37	97 604	21 508,021	377 761,957	17,564	17,097	81	87	21 416	411,526	1 565,701	3,805	3,338
32	38	97 483	20 458,285	356 253,936	17,414	16,947	82	88	17 705	324,026	1 154,174	3,562	3,096
33	39	97 357	19 458,919	335 795,651	17,257	16,790	83	89	14 292	249,101	830,148	3,333	2,866
34	40	97 218	18 505,907	316 336,732	17,094	16,627	84	90	11 191	185,763	581,047	3,128	2,661
35	41	97 072	17 598,256	297 830,826	16,924	16,457	85	91	8 530	134,848	395,284	2,931	2,465
36	42	96 913	16 732,744	280 232,569	16,748	16,281	86	92	6 252	94,135	260,436	2,767	2,300
37	43	96 741	15 907,737	263 499,825	16,564	16,098	87	93	4 456	63,899	166,302	2,603	2,136
38	44	96 551	15 120,352	247 592,088	16,375	15,908	88	94	3 055	41,719	102,403	2,455	1,988
39	45	96 336	14 368,351	232 471,736	16,179	15,713	89	95	2 014	26,196	60,684	2,317	1,850
40	46	96 103	13 651,086	218 103,385	15,977	15,511	90	96	1 266	15,684	34,489	2,199	1,733
41	47	95 845	12 966,059	204 452,299	15,768	15,302	91	97	767	9,050	18,804	2,078	1,611
42	48	95 557	12 311,552	191 486,239	15,553	15,087	92	98	439	4,933	9,754	1,977	1,511
43	49	95 242	11 686,652	179 174,687	15,332	14,865	93	99	239	2,558	4,821	1,885	1,418
44	50	94 877	11 087,436	167 488,035	15,106	14,640	94	100	123	1,257	2,263	1,801	1,334
45	51	94 480	10 515,239	156 400,599	14,874	14,407							
46	52	94 040	9 967,883	145 885,360	14,636	14,169							
47	53	93 549	9 443,742	135 917,477	14,392	13,926							
48	54	92 999	8 941,114	126 473,735	14,145	13,679							
49	55	92 405	8 460,949	117 532,621	13,891	13,425							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß   5,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	7	99 602	99 601,823	1 994 741,299	20,027	19,561	50	57	91 401	7 970,539	107 526,653	13,491	13,024
1	8	99 208	94 483,872	1 895 139,476	20,058	19,591	51	58	90 672	7 530,403	99 556,115	13,221	12,754
2	9	99 168	89 948,571	1 800 655,604	20,019	19,552	52	59	89 845	7 106,388	92 025,712	12,950	12,483
3	10	99 143	85 643,229	1 710 707,033	19,975	19,508	53	60	88 973	6 702,309	84 919,324	12,670	12,204
4	11	99 122	81 547,850	1 625 063,804	19,928	19,461	54	61	88 005	6 313,707	78 217,016	12,388	11,922
5	12	99 101	77 648,095	1 543 515,954	19,878	19,412	55	62	86 957	5 941,475	71 903,309	12,102	11,636
6	13	99 082	73 936,625	1 465 867,859	19,826	19,360	56	63	85 824	5 584,810	65 961,834	11,811	11,345
7	14	99 063	70 402,087	1 391 931,234	19,771	19,305	57	64	84 624	5 244,520	60 377,024	11,512	11,046
8	15	99 044	67 036,815	1 321 529,147	19,713	19,247	58	65	83 327	4 918,184	55 132,504	11,210	10,744
9	16	99 023	63 831,237	1 254 492,332	19,653	19,187	59	66	81 949	4 606,533	50 214,320	10,901	10,434
10	17	99 000	60 777,527	1 190 661,095	19,590	19,124	60	67	80 472	4 308,136	45 607,787	10,586	10,120
11	18	98 975	57 868,898	1 129 883,568	19,525	19,058	61	68	78 909	4 023,269	41 299,651	10,265	9,799
12	19	98 944	55 095,919	1 072 014,669	19,457	18,991	62	69	77 270	3 752,111	37 276,382	9,935	9,468
13	20	98 913	52 455,629	1 016 918,750	19,386	18,920	63	70	75 533	3 493,098	33 524,272	9,597	9,131
14	21	98 880	49 941,113	964 463,121	19,312	18,846	64	71	73 713	3 246,580	30 031,173	9,250	8,784
15	22	98 844	47 545,872	914 522,009	19,235	18,768	65	72	71 738	3 009,142	26 784,593	8,901	8,435
16	23	98 805	45 263,566	866 976,136	19,154	18,688	66	73	69 634	2 781,827	23 775,451	8,547	8,080
17	24	98 756	43 087,112	821 712,571	19,071	18,605	67	74	67 369	2 563,167	20 993,624	8,191	7,724
18	25	98 703	41 013,150	778 625,459	18,985	18,518	68	75	64 933	2 352,853	18 430,457	7,833	7,367
19	26	98 634	39 032,748	737 612,309	18,897	18,431	69	76	62 323	2 150,742	16 077,605	7,475	7,009
20	27	98 562	37 147,086	698 579,561	18,806	18,339	70	77	59 524	1 956,309	13 926,863	7,119	6,653
21	28	98 483	35 349,649	661 432,475	18,711	18,245	71	78	56 556	1 770,254	11 970,554	6,762	6,296
22	29	98 405	33 639,630	626 082,826	18,611	18,145	72	79	53 377	1 591,210	10 200,300	6,410	5,944
23	30	98 324	32 011,531	592 443,196	18,507	18,041	73	80	50 045	1 420,829	8 609,089	6,059	5,593
24	31	98 245	30 462,610	560 431,665	18,397	17,931	74	81	46 523	1 257,950	7 188,260	5,714	5,248
25	32	98 160	28 987,018	529 969,055	18,283	17,817	75	82	42 809	1 102,388	5 930,310	5,380	4,913
26	33	98 072	27 581,737	500 982,037	18,164	17,697	76	83	38 934	954,860	4 827,922	5,056	4,590
27	34	97 979	26 243,459	473 400,300	18,039	17,572	77	84	34 973	816,888	3 873,062	4,741	4,275
28	35	97 875	24 967,340	447 156,841	17,910	17,443	78	85	30 928	687,990	3 056,174	4,442	3,976
29	36	97 777	23 754,678	422 189,501	17,773	17,306	79	86	26 870	569,260	2 368,184	4,160	3,694
30	37	97 667	22 597,882	398 434,823	17,632	17,165	80	87	22 906	462,168	1 798,924	3,892	3,426
31	38	97 552	21 496,542	375 836,941	17,484	17,017	81	88	19 096	366,961	1 336,756	3,643	3,176
32	39	97 428	20 446,895	354 340,399	17,330	16,863	82	89	15 540	284,402	969,795	3,410	2,944
33	40	97 292	19 446,046	333 893,503	17,170	16,704	83	90	12 269	213,849	685,393	3,205	2,739
34	41	97 149	18 492,837	314 447,457	17,004	16,537	84	91	9 458	157,008	471,544	3,003	2,537
35	42	96 994	17 584,152	295 954,620	16,831	16,364	85	92	7 014	110,888	314,536	2,837	2,370
36	43	96 827	16 717,850	278 370,468	16,651	16,185	86	93	5 069	76,322	203,649	2,668	2,202
37	44	96 642	15 891,449	261 652,618	16,465	15,999	87	94	3 533	50,656	127,327	2,514	2,047
38	45	96 442	15 103,370	245 761,169	16,272	15,806	88	95	2 365	32,295	76,671	2,374	1,908
39	46	96 214	14 350,114	230 657,800	16,074	15,607	89	96	1 521	19,776	44,376	2,244	1,778
40	47	95 968	13 631,850	216 307,685	15,868	15,401	90	97	931	11,532	24,600	2,133	1,667
41	48	95 688	12 944,858	202 675,835	15,657	15,190	91	98	549	6,473	13,067	2,019	1,552
42	49	95 388	12 289,780	189 730,977	15,438	14,972	92	99	305	3,427	6,594	1,924	1,458
43	50	95 046	11 662,605	177 441,197	15,215	14,748	93	100	161	1,724	3,167	1,837	1,370
44	51	94 668	11 063,011	165 778,592	14,985	14,519							
45	52	94 248	10 489,511	154 715,581	14,750	14,283							
46	53	93 781	9 940,517	144 226,071	14,509	14,043							
47	54	93 268	9 415,349	134 285,553	14,262	13,796							
48	55	92 702	8 912,581	124 870,204	14,011	13,544							
49	56	92 077	8 430,970	115 957,623	13,754	13,287							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß   5,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	8	99 593	99 593,274	1 992 386,612	20,005	19,539	50	58	91 036	7 938,684	105 880,485	13,337	12,871
1	9	99 201	94 476,914	1 892 793,337	20,034	19,568	51	59	90 272	7 497,176	97 941,801	13,064	12,597
2	10	99 161	89 942,366	1 798 316,423	19,994	19,528	52	60	89 420	7 072,831	90 444,625	12,788	12,321
3	11	99 136	85 637,151	1 708 374,057	19,949	19,483	53	61	88 493	6 666,188	83 371,794	12,507	12,040
4	12	99 114	81 541,328	1 622 736,906	19,901	19,434	54	62	87 499	6 277,424	76 705,606	12,219	11,753
5	13	99 093	77 641,845	1 541 195,578	19,850	19,384	55	63	86 409	5 903,998	70 428,182	11,929	11,462
6	14	99 073	73 930,002	1 463 553,733	19,796	19,330	56	64	85 246	5 547,181	64 524,184	11,632	11,165
7	15	99 052	70 394,456	1 389 623,731	19,741	19,274	57	65	84 002	5 205,976	58 977,004	11,329	10,862
8	16	99 031	67 028,383	1 319 229,275	19,682	19,215	58	66	82 676	4 879,773	53 771,028	11,019	10,553
9	17	99 008	63 821,416	1 252 200,893	19,620	19,154	59	67	81 248	4 567,127	48 891,255	10,705	10,239
10	18	98 984	60 767,774	1 188 379,477	19,556	19,090	60	68	79 738	4 268,793	44 324,127	10,383	9,917
11	19	98 953	57 855,680	1 127 611,703	19,490	19,024	61	69	78 143	3 984,200	40 055,334	10,054	9,587
12	20	98 924	55 084,540	1 069 756,023	19,420	18,954	62	70	76 450	3 712,258	36 071,134	9,717	9,250
13	21	98 891	52 443,984	1 014 671,483	19,348	18,881	63	71	74 656	3 452,562	32 358,876	9,372	8,906
14	22	98 859	49 930,660	962 227,499	19,271	18,805	64	72	72 763	3 204,774	28 906,314	9,020	8,553
15	23	98 822	47 535,206	912 296,839	19,192	18,726	65	73	70 699	2 965,577	25 701,541	8,667	8,200
16	24	98 782	45 253,219	864 761,632	19,109	18,643	66	74	68 502	2 736,591	22 735,964	8,308	7,842
17	25	98 736	43 078,402	819 508,413	19,024	18,557	67	75	66 115	2 515,472	19 999,373	7,951	7,484
18	26	98 681	41 004,128	776 430,011	18,935	18,469	68	76	63 540	2 302,365	17 483,901	7,594	7,127
19	27	98 610	39 023,511	735 425,883	18,846	18,379	69	77	60 797	2 098,064	15 181,535	7,236	6,770
20	28	98 536	37 137,107	696 402,372	18,752	18,286	70	78	57 873	1 902,073	13 083,472	6,879	6,412
21	29	98 458	35 340,710	659 265,265	18,655	18,188	71	79	54 742	1 713,485	11 181,398	6,526	6,059
22	30	98 376	33 629,978	623 924,556	18,553	18,086	72	80	51 439	1 533,440	9 467,913	6,174	5,708
23	31	98 296	32 002,471	590 294,577	18,445	17,979	73	81	47 955	1 361,488	7 934,473	5,828	5,361
24	32	98 215	30 453,410	558 292,106	18,333	17,866	74	82	44 309	1 198,084	6 572,986	5,486	5,020
25	33	98 126	28 976,743	527 838,697	18,216	17,750	75	83	40 448	1 041,598	5 374,902	5,160	4,694
26	34	98 036	27 571,652	498 861,954	18,093	17,627	76	84	36 492	894,979	4 333,304	4,842	4,375
27	35	97 937	26 232,311	471 290,302	17,966	17,500	77	85	32 444	757,814	3 438,325	4,537	4,071
28	36	97 836	24 957,409	445 057,991	17,833	17,366	78	86	28 368	631,056	2 680,511	4,248	3,781
29	37	97 731	23 743,390	420 100,582	17,693	17,227	79	87	24 338	515,623	2 049,456	3,975	3,508
30	38	97 615	22 585,822	396 357,192	17,549	17,083	80	88	20 425	412,119	1 533,833	3,722	3,255
31	39	97 498	21 484,575	373 771,370	17,397	16,931	81	89	16 761	322,087	1 121,714	3,483	3,016
32	40	97 364	20 433,369	352 286,796	17,241	16,774	82	90	13 341	244,154	799,627	3,275	2,809
33	41	97 224	19 432,313	331 853,427	17,077	16,611	83	91	10 370	180,746	555,473	3,073	2,607
34	42	97 071	18 478,016	312 421,114	16,908	16,441	84	92	7 778	129,109	374,727	2,902	2,436
35	43	96 908	17 568,500	293 943,099	16,731	16,265	85	93	5 687	89,905	245,617	2,732	2,266
36	44	96 728	16 700,732	276 374,599	16,549	16,082	86	94	4 018	60,504	155,712	2,574	2,107
37	45	96 534	15 873,600	259 673,866	16,359	15,892	87	95	2 735	39,213	95,208	2,428	1,962
38	46	96 320	15 084,200	243 800,266	16,163	15,696	88	96	1 785	24,381	55,995	2,297	1,830
39	47	96 078	14 329,893	228 716,066	15,961	15,494	89	97	1 118	14,541	31,614	2,174	1,708
40	48	95 811	13 609,560	214 386,173	15,753	15,286	90	98	666	8,248	17,073	2,070	1,603
41	49	95 519	12 921,966	200 776,612	15,538	15,071	91	99	381	4,498	8,824	1,962	1,496
42	50	95 192	12 264,492	187 854,646	15,317	14,851	92	100	206	2,310	4,327	1,873	1,406
43	51	94 837	11 636,912	175 590,154	15,089	14,623							
44	52	94 436	11 035,942	163 953,242	14,856	14,390							
45	53	93 990	10 460,713	152 917,300	14,618	14,152							
46	54	93 499	9 910,631	142 456,587	14,374	13,908							
47	55	92 971	9 385,303	132 545,956	14,123	13,656							
48	56	92 374	8 881,002	123 160,654	13,868	13,401							
49	57	91 730	8 399,167	114 279,651	13,606	13,140							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß   5,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$
0	9	99 586	99 585,940	1 989 866,185	19,981	19,515	50	59	90 634	7 903,656	104 129,444	13,175	12,708
1	10	99 194	94 470,397	1 890 280,245	20,009	19,543	51	60	89 846	7 461,774	96 225,788	12,896	12,429
2	11	99 154	89 935,983	1 795 809,849	19,968	19,501	52	61	88 939	7 034,713	88 764,013	12,618	12,152
3	12	99 128	85 630,302	1 705 873,865	19,921	19,455	53	62	87 985	6 627,879	81 729,300	12,331	11,865
4	13	99 106	81 534,764	1 620 243,563	19,872	19,405	54	63	86 947	6 237,828	75 101,421	12,040	11,573
5	14	99 084	77 634,890	1 538 708,799	19,820	19,353	55	64	85 827	5 864,218	68 863,593	11,743	11,277
6	15	99 063	73 921,989	1 461 073,909	19,765	19,299	56	65	84 619	5 506,412	62 999,376	11,441	10,975
7	16	99 040	70 385,601	1 387 151,920	19,708	19,241	57	66	83 346	5 165,318	57 492,964	11,131	10,664
8	17	99 016	67 018,069	1 316 766,319	19,648	19,182	58	67	81 969	4 838,031	52 327,646	10,816	10,349
9	18	98 992	63 811,174	1 249 748,250	19,585	19,119	59	68	80 506	4 525,419	47 489,615	10,494	10,028
10	19	98 962	60 753,894	1 185 937,076	19,520	19,054	60	69	78 963	4 227,340	42 964,196	10,163	9,697
11	20	98 932	57 843,731	1 125 183,182	19,452	18,986	61	70	77 313	3 941,882	38 736,856	9,827	9,361
12	21	98 902	55 072,312	1 067 339,451	19,381	18,914	62	71	75 562	3 669,178	34 794,974	9,483	9,017
13	22	98 870	52 433,008	1 012 267,140	19,306	18,840	63	72	73 695	3 408,102	31 125,796	9,133	8,666
14	23	98 837	49 919,459	959 834,132	19,228	18,761	64	73	71 710	3 158,376	27 717,693	8,776	8,310
15	24	98 800	47 524,341	909 914,672	19,146	18,680	65	74	69 549	2 917,353	24 559,318	8,418	7,952
16	25	98 762	45 244,072	862 390,332	19,061	18,594	66	75	67 227	2 685,670	21 641,965	8,058	7,592
17	26	98 715	43 068,926	817 146,260	18,973	18,507	67	76	64 697	2 461,495	18 956,295	7,701	7,235
18	27	98 658	40 994,424	774 077,334	18,883	18,416	68	77	61 984	2 245,974	16 494,800	7,344	6,878
19	28	98 584	39 013,027	733 082,910	18,791	18,324	69	78	59 111	2 039,898	14 248,826	6,985	6,519
20	29	98 511	37 127,716	694 069,883	18,694	18,228	70	79	56 017	1 841,077	12 208,928	6,631	6,165
21	30	98 430	35 330,570	656 942,167	18,594	18,128	71	80	52 755	1 651,275	10 367,851	6,279	5,812
22	31	98 349	33 620,460	621 611,598	18,489	18,023	72	81	49 291	1 469,395	8 716,575	5,932	5,466
23	32	98 267	31 992,805	587 991,138	18,379	17,912	73	82	45 673	1 296,694	7 247,180	5,589	5,123
24	33	98 180	30 442,615	555 998,332	18,264	17,797	74	83	41 866	1 132,016	5 950,487	5,257	4,790
25	34	98 090	28 966,148	525 555,718	18,144	17,677	75	84	37 911	976,278	4 818,470	4,936	4,469
26	35	97 994	27 559,940	496 589,570	18,019	17,552	76	85	33 853	830,258	3 842,193	4,628	4,161
27	36	97 898	26 221,877	469 029,630	17,887	17,421	77	86	29 759	695,101	3 011,935	4,333	3,867
28	37	97 790	24 945,549	442 807,753	17,751	17,285	78	87	25 695	571,596	2 316,833	4,053	3,587
29	38	97 679	23 730,718	417 862,203	17,608	17,142	79	88	21 702	459,785	1 745,237	3,796	3,329
30	39	97 560	22 573,248	394 131,485	17,460	16,994	80	89	17 927	361,722	1 285,452	3,554	3,087
31	40	97 433	21 470,362	371 558,237	17,306	16,839	81	90	14 389	276,506	923,730	3,341	2,874
32	41	97 295	20 418,938	350 087,876	17,145	16,679	82	91	11 276	206,360	647,224	3,136	2,670
33	42	97 146	19 416,738	329 668,937	16,979	16,512	83	92	8 527	148,630	440,864	2,966	2,500
34	43	96 985	18 461,569	310 252,200	16,805	16,339	84	93	6 306	104,679	292,234	2,792	2,325
35	44	96 809	17 550,511	291 790,631	16,626	16,159	85	94	4 508	71,272	187,555	2,632	2,165
36	45	96 619	16 681,975	274 240,120	16,439	15,973	86	95	3 111	46,837	116,283	2,483	2,016
37	46	96 411	15 853,453	257 558,146	16,246	15,780	87	96	2 065	29,604	69,446	2,346	1,879
38	47	96 184	15 062,049	241 704,693	16,046	15,580	88	97	1 313	17,927	39,842	2,222	1,756
39	48	95 921	14 306,462	226 641,748	15,842	15,376	89	98	800	10,400	21,915	2,107	1,641
40	49	95 642	13 585,493	212 335,286	15,630	15,163	90	99	463	5,731	11,515	2,009	1,543
41	50	95 322	12 895,377	198 749,793	15,412	14,946	91	100	257	3,032	5,784	1,908	1,441
42	51	94 982	12 237,474	185 854,415	15,187	14,721							
43	52	94 605	11 608,439	173 616,942	14,956	14,490							
44	53	94 177	11 005,644	162 008,503	14,720	14,254							
45	54	93 707	10 429,263	151 002,859	14,479	14,012							
46	55	93 201	9 879,004	140 573,596	14,230	13,763							
47	56	92 641	9 352,049	130 694,593	13,975	13,509							
48	57	92 025	8 847,501	121 342,544	13,715	13,248							
49	58	91 363	8 365,599	112 495,042	13,447	12,981							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß   5,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$
0	10	99 579	99 579,070	1 987 170,200	19,956	19,489
1	11	99 187	94 463,692	1 887 591,130	19,982	19,516
2	12	99 146	89 928,791	1 793 127,437	19,939	19,473
3	13	99 120	85 623,409	1 703 198,646	19,892	19,425
4	14	99 097	81 527,461	1 617 575,237	19,841	19,374
5	15	99 073	77 626,475	1 536 047,776	19,788	19,321
6	16	99 050	73 912,690	1 458 421,301	19,732	19,265
7	17	99 024	70 374,771	1 384 508,611	19,673	19,207
8	18	99 000	67 007,314	1 314 133,840	19,612	19,145
9	19	98 969	63 796,599	1 247 126,526	19,548	19,082
10	20	98 941	60 741,346	1 183 329,927	19,481	19,015
11	21	98 910	57 830,890	1 122 588,581	19,412	18,945
12	22	98 881	55 060,786	1 064 757,691	19,338	18,871
13	23	98 848	52 421,246	1 009 696,906	19,261	18,795
14	24	98 815	49 908,049	957 275,660	19,181	18,714
15	25	98 780	47 514,734	907 367,611	19,097	18,630
16	26	98 740	45 234,119	859 852,877	19,009	18,543
17	27	98 691	43 058,733	814 618,758	18,919	18,452
18	28	98 631	40 983,411	771 560,025	18,826	18,360
19	29	98 559	39 003,162	730 576,614	18,731	18,265
20	30	98 483	37 117,063	691 573,452	18,632	18,166
21	31	98 402	35 320,570	654 456,389	18,529	18,063
22	32	98 319	33 610,305	619 135,819	18,421	17,955
23	33	98 232	31 981,465	585 525,514	18,308	17,842
24	34	98 145	30 431,484	553 544,049	18,190	17,723
25	35	98 048	28 953,844	523 112,565	18,067	17,601
26	36	97 955	27 548,978	494 158,721	17,937	17,471
27	37	97 852	26 209,416	466 609,743	17,803	17,337
28	38	97 738	24 932,236	440 400,327	17,664	17,197
29	39	97 624	23 717,507	415 468,091	17,517	17,051
30	40	97 496	22 558,315	391 750,584	17,366	16,900
31	41	97 365	21 455,199	369 192,270	17,208	16,741
32	42	97 217	20 402,572	347 737,071	17,044	16,577
33	43	97 059	19 399,455	327 334,498	16,873	16,407
34	44	96 886	18 442,665	307 935,043	16,697	16,230
35	45	96 700	17 530,799	289 492,378	16,513	16,047
36	46	96 496	16 660,801	271 961,579	16,323	15,857
37	47	96 275	15 831,114	255 300,778	16,127	15,660
38	48	96 027	15 038,315	239 469,664	15,924	15,458
39	49	95 752	14 281,162	224 431,349	15,715	15,249
40	50	95 445	13 557,539	210 150,187	15,501	15,034
41	51	95 112	12 866,969	196 592,648	15,279	14,812
42	52	94 750	12 207,531	183 725,679	15,050	14,584
43	53	94 345	11 576,569	171 518,148	14,816	14,350
44	54	93 894	10 972,555	159 941,579	14,577	14,110
45	55	93 408	10 395,981	148 969,024	14,329	13,863
46	56	92 871	9 844,001	138 573,043	14,077	13,611
47	57	92 292	9 316,771	128 729,043	13,817	13,351
48	58	91 657	8 812,142	119 412,272	13,551	13,084
49	59	90 960	8 328,687	110 600,130	13,279	12,813

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$
50	60	90 206	7 866,335	102 271,442	13,001	12,535
51	61	89 361	7 421,560	94 405,108	12,720	12,254
52	62	88 427	6 994,287	86 983,548	12,436	11,970
53	63	87 430	6 586,073	79 989,261	12,145	11,679
54	64	86 361	6 195,798	73 403,188	11,847	11,381
55	65	85 196	5 821,119	67 207,390	11,545	11,079
56	66	83 958	5 463,408	61 386,271	11,236	10,769
57	67	82 633	5 121,132	55 922,863	10,920	10,454
58	68	81 220	4 793,848	50 801,731	10,597	10,131
59	69	79 724	4 481,474	46 007,883	10,266	9,800
60	70	78 125	4 182,440	41 526,408	9,929	9,462
61	71	76 416	3 896,138	37 343,969	9,585	9,118
62	72	74 589	3 621,929	33 447,831	9,235	8,768
63	73	72 628	3 358,761	29 825,902	8,880	8,414
64	74	70 544	3 107,017	26 467,141	8,519	8,052
65	75	68 255	2 863,068	23 360,124	8,159	7,693
66	76	65 785	2 628,041	20 497,056	7,799	7,333
67	77	63 112	2 401,207	17 869,015	7,442	6,975
68	78	60 265	2 183,707	15 467,809	7,083	6,617
69	79	57 216	1 974,482	13 284,101	6,728	6,261
70	80	53 984	1 774,235	11 309,620	6,374	5,908
71	81	50 551	1 582,309	9 535,385	6,026	5,560
72	82	46 945	1 399,466	7 953,076	5,683	5,217
73	83	43 154	1 225,189	6 553,610	5,349	4,883
74	84	39 240	1 061,026	5 328,421	5,022	4,556
75	85	35 170	905,677	4 267,395	4,712	4,245
76	86	31 052	761,550	3 361,718	4,414	3,948
77	87	26 955	629,607	2 600,168	4,130	3,663
78	88	22 913	509,697	1 970,561	3,866	3,400
79	89	19 049	403,559	1 460,864	3,620	3,154
80	90	15 390	310,532	1 057,304	3,405	2,938
81	91	12 162	233,704	746,772	3,195	2,729
82	92	9 272	169,693	513,068	3,024	2,557
83	93	6 914	120,505	343,375	2,849	2,383
84	94	4 999	82,984	222,870	2,686	2,219
85	95	3 490	55,173	139,886	2,535	2,069
86	96	2 348	35,360	84,714	2,396	1,929
87	97	1 518	21,768	49,354	2,267	1,801
88	98	939	12,822	27,586	2,151	1,685
89	99	556	7,226	14,764	2,043	1,577
90	100	312	3,863	7,538	1,951	1,485

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß   5,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	11	99 572	99 572,003	1 984 289,356	19,928	19,462	50	61	89 720	7 823,940	100 303,598	12,820	12,354
1	12	99 179	94 456,138	1 884 717,353	19,953	19,487	51	62	88 848	7 378,911	92 479,658	12,533	12,067
2	13	99 139	89 921,552	1 790 261,215	19,909	19,443	52	63	87 870	6 950,169	85 100,748	12,244	11,778
3	14	99 111	85 615,739	1 700 339,663	19,860	19,394	53	64	86 841	6 541,697	78 150,579	11,947	11,480
4	15	99 086	81 518,624	1 614 723,923	19,808	19,342	54	65	85 727	6 150,263	71 608,882	11,643	11,177
5	16	99 061	77 616,710	1 533 205,299	19,754	19,287	55	66	84 530	5 775,657	65 458,619	11,334	10,867
6	17	99 035	73 901,317	1 455 588,589	19,696	19,230	56	67	83 240	5 416,672	59 682,962	11,018	10,552
7	18	99 008	70 363,477	1 381 687,272	19,636	19,170	57	68	81 879	5 074,365	54 266,290	10,694	10,228
8	19	98 978	66 992,009	1 311 323,794	19,574	19,108	58	69	80 431	4 747,297	49 191,925	10,362	9,896
9	20	98 949	63 783,422	1 244 331,785	19,509	19,042	59	70	78 877	4 433,874	44 444,628	10,024	9,557
10	21	98 919	60 727,862	1 180 548,363	19,440	18,974	60	71	77 218	4 133,904	40 010,754	9,679	9,212
11	22	98 890	57 818,787	1 119 820,501	19,368	18,901	61	72	75 431	3 845,966	35 876,851	9,328	8,862
12	23	98 859	55 048,434	1 062 001,714	19,292	18,826	62	73	73 509	3 569,492	32 030,884	8,974	8,507
13	24	98 825	52 409,263	1 006 953,280	19,213	18,747	63	74	71 447	3 304,143	28 461,392	8,614	8,147
14	25	98 795	49 897,960	954 544,017	19,130	18,664	64	75	69 231	3 049,203	25 157,249	8,250	7,784
15	26	98 758	47 504,282	904 646,057	19,043	18,577	65	76	66 791	2 801,633	22 108,046	7,891	7,425
16	27	98 717	45 223,414	857 141,775	18,953	18,487	66	77	64 174	2 563,673	19 306,413	7,531	7,064
17	28	98 665	43 047,165	811 918,361	18,861	18,395	67	78	61 362	2 334,636	16 742,741	7,171	6,705
18	29	98 607	40 973,047	768 871,196	18,765	18,299	68	79	58 333	2 113,680	14 408,104	6,817	6,350
19	30	98 531	38 991,971	727 898,149	18,668	18,201	69	80	55 138	1 902,796	12 294,425	6,461	5,995
20	31	98 455	37 106,558	688 906,178	18,566	18,099	70	81	51 729	1 700,133	10 391,628	6,112	5,646
21	32	98 372	35 309,903	651 799,620	18,459	17,993	71	82	48 145	1 507,006	8 691,495	5,767	5,301
22	33	98 284	33 598,392	616 489,717	18,349	17,882	72	83	44 357	1 322,293	7 184,489	5,433	4,967
23	34	98 196	31 969,771	582 891,326	18,233	17,766	73	84	40 448	1 148,355	5 862,196	5,105	4,638
24	35	98 103	30 418,557	550 921,555	18,111	17,645	74	85	36 403	984,297	4 713,841	4,789	4,323
25	36	98 009	28 942,327	520 502,997	17,984	17,518	75	86	32 259	830,728	3 729,544	4,489	4,023
26	37	97 909	27 535,886	491 560,670	17,852	17,385	76	87	28 126	689,795	2 898,815	4,202	3,736
27	38	97 799	26 195,429	464 024,784	17,714	17,248	77	88	24 036	561,426	2 209,020	3,935	3,468
28	39	97 683	24 918,356	437 829,355	17,571	17,104	78	89	20 111	447,367	1 647,594	3,683	3,216
29	40	97 560	23 701,817	412 910,999	17,421	16,955	79	90	16 353	346,449	1 200,227	3,464	2,998
30	41	97 427	22 542,383	389 209,183	17,266	16,799	80	91	13 008	262,463	853,778	3,253	2,787
31	42	97 287	21 438,003	366 666,799	17,104	16,637	81	92	10 001	192,178	591,315	3,077	2,611
32	43	97 131	20 384,412	345 228,797	16,936	16,470	82	93	7 518	137,582	399,137	2,901	2,435
33	44	96 960	19 379,591	324 844,384	16,762	16,296	83	94	5 481	95,530	261,554	2,738	2,272
34	45	96 777	18 421,951	305 464,793	16,582	16,115	84	95	3 870	64,239	166,024	2,584	2,118
35	46	96 577	17 508,548	287 042,842	16,394	15,928	85	96	2 635	41,652	101,785	2,444	1,977
36	47	96 360	16 637,324	269 534,294	16,201	15,734	86	97	1 727	26,000	60,132	2,313	1,846
37	48	96 118	15 805,228	252 896,969	16,001	15,534	87	98	1 086	15,569	34,133	2,192	1,726
38	49	95 857	15 011,721	237 091,741	15,794	15,327	88	99	652	8,909	18,564	2,084	1,617
39	50	95 555	14 251,777	222 080,020	15,583	15,116	89	100	375	4,871	9,655	1,982	1,516
40	51	95 235	13 527,671	207 828,244	15,363	14,897							
41	52	94 880	12 835,486	194 300,572	15,138	14,671							
42	53	94 490	12 174,017	181 465,086	14,906	14,440							
43	54	94 062	11 541,764	169 291,069	14,668	14,201							
44	55	93 594	10 937,539	157 749,305	14,423	13,956							
45	56	93 077	10 359,146	146 811,766	14,172	13,706							
46	57	92 521	9 806,867	136 452,620	13,914	13,448							
47	58	91 923	9 279,536	126 645,753	13,648	13,181							
48	59	91 253	8 773,260	117 366,217	13,378	12,911							
49	60	90 531	8 289,359	108 592,957	13,100	12,634							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß   5,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	12	99 564	99 564,040	1 981 214,792	19,899	19,432	50	62	89 205	7 778,978	98 226,029	12,627	12,161
1	13	99 171	94 448,534	1 881 650,752	19,922	19,456	51	63	88 287	7 332,367	90 447,051	12,335	11,869
2	14	99 130	89 913,497	1 787 202,217	19,877	19,411	52	64	87 278	6 903,340	83 114,684	12,040	11,573
3	15	99 100	85 606,460	1 697 288,720	19,827	19,360	53	65	86 202	6 493,619	76 211,344	11,736	11,270
4	16	99 074	81 508,370	1 611 682,261	19,773	19,307	54	66	85 057	6 102,230	69 717,725	11,425	10,959
5	17	99 046	77 604,767	1 530 173,891	19,718	19,251	55	67	83 807	5 726,250	63 615,495	11,109	10,643
6	18	99 019	73 889,458	1 452 569,123	19,659	19,192	56	68	82 480	5 367,206	57 889,244	10,786	10,319
7	19	98 986	70 347,406	1 378 679,665	19,598	19,132	57	69	81 084	5 025,089	52 522,039	10,452	9,986
8	20	98 957	66 978,173	1 308 332,260	19,534	19,067	58	70	79 577	4 696,873	47 496,949	10,112	9,646
9	21	98 927	63 769,263	1 241 354,087	19,466	19,000	59	71	77 962	4 382,420	42 800,076	9,766	9,300
10	22	98 899	60 715,152	1 177 584,824	19,395	18,929	60	72	76 224	4 080,671	38 417,656	9,415	8,948
11	23	98 868	57 805,816	1 116 869,672	19,321	18,855	61	73	74 339	3 790,286	34 336,985	9,059	8,593
12	24	98 836	55 035,851	1 059 063,856	19,243	18,777	62	74	72 314	3 511,448	30 546,699	8,699	8,233
13	25	98 806	52 398,669	1 004 028,005	19,161	18,695	63	75	70 118	3 242,661	27 035,252	8,337	7,871
14	26	98 773	49 886,984	951 629,336	19,076	18,609	64	76	67 746	2 983,773	23 792,590	7,974	7,508
15	27	98 735	47 493,039	901 742,352	18,987	18,520	65	77	65 155	2 733,013	20 808,817	7,614	7,147
16	28	98 691	45 211,264	854 249,312	18,895	18,428	66	78	62 394	2 492,598	18 075,804	7,252	6,785
17	29	98 640	43 036,280	809 038,048	18,799	18,333	67	79	59 395	2 259,768	15 583,206	6,896	6,430
18	30	98 578	40 961,291	766 001,768	18,701	18,234	68	80	56 215	2 036,940	13 323,438	6,541	6,075
19	31	98 503	38 980,935	725 040,477	18,600	18,133	69	81	52 835	1 823,325	11 286,497	6,190	5,724
20	32	98 425	37 095,351	686 059,542	18,494	18,028	70	82	49 267	1 619,223	9 463,172	5,844	5,378
21	33	98 337	35 297,386	648 964,191	18,386	17,919	71	83	45 491	1 423,903	7 843,949	5,509	5,042
22	34	98 248	33 586,107	613 666,805	18,271	17,805	72	84	41 575	1 239,370	6 420,046	5,180	4,714
23	35	98 154	31 956,191	580 080,698	18,152	17,686	73	85	37 523	1 065,311	5 180,675	4,863	4,397
24	36	98 064	30 406,458	548 124,507	18,027	17,560	74	86	33 390	902,842	4 115,364	4,558	4,092
25	37	97 962	28 928,574	517 718,049	17,896	17,430	75	87	29 220	752,455	3 212,523	4,269	3,803
26	38	97 856	27 521,191	488 789,475	17,760	17,294	76	88	25 080	615,096	2 460,068	3,999	3,533
27	39	97 745	26 180,845	461 268,285	17,619	17,152	77	89	21 097	492,771	1 844,972	3,744	3,278
28	40	97 619	24 901,871	435 087,439	17,472	17,006	78	90	17 265	384,057	1 352,201	3,521	3,054
29	41	97 491	23 685,078	410 185,568	17,318	16,852	79	91	13 822	292,820	968,144	3,306	2,840
30	42	97 349	22 524,316	386 500,490	17,159	16,693	80	92	10 697	215,827	675,323	3,129	2,663
31	43	97 200	21 418,921	363 976,175	16,993	16,527	81	93	8 108	155,813	459,496	2,949	2,483
32	44	97 031	20 363,540	342 557,254	16,822	16,356	82	94	5 960	109,068	303,683	2,784	2,318
33	45	96 851	19 357,825	322 193,714	16,644	16,178	83	95	4 243	73,952	194,615	2,632	2,165
34	46	96 654	18 398,569	302 835,889	16,460	15,993	84	96	2 922	48,497	120,663	2,488	2,022
35	47	96 441	17 483,877	284 437,320	16,269	15,802	85	97	1 937	30,627	72,166	2,356	1,890
36	48	96 203	16 610,120	266 953,443	16,072	15,605	86	98	1 235	18,596	41,540	2,234	1,767
37	49	95 948	15 777,278	250 343,322	15,867	15,401	87	99	754	10,817	22,944	2,121	1,655
38	50	95 660	14 980,832	234 566,044	15,658	15,191	88	100	440	6,005	12,127	2,019	1,553
39	51	95 344	14 220,380	219 585,212	15,442	14,975							
40	52	95 002	13 494,572	205 364,833	15,218	14,752							
41	53	94 619	12 800,248	191 870,261	14,990	14,523							
42	54	94 206	12 137,415	179 070,013	14,754	14,287							
43	55	93 761	11 504,932	166 932,597	14,510	14,043							
44	56	93 263	10 898,786	155 427,666	14,261	13,795							
45	57	92 726	10 320,069	144 528,880	14,005	13,538							
46	58	92 151	9 767,673	134 208,811	13,740	13,274							
47	59	91 517	9 238,592	124 441,138	13,470	13,003							
48	60	90 822	8 731,832	115 202,546	13,193	12,727							
49	61	90 043	8 244,685	106 470,714	12,914	12,447							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß   5,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	13	99 556	99 556,026	1 977 938,128	19,868	19,401	50	63	88 642	7 729,911	96 036,418	12,424	11,958
1	14	99 162	94 440,074	1 878 382,102	19,890	19,423	51	64	87 692	7 282,963	88 306,507	12,125	11,659
2	15	99 119	89 903,752	1 783 942,028	19,843	19,376	52	65	86 636	6 852,604	81 023,545	11,824	11,357
3	16	99 088	85 595,691	1 694 038,277	19,791	19,325	53	66	85 529	6 442,905	74 170,940	11,512	11,046
4	17	99 059	81 495,828	1 608 442,585	19,737	19,270	54	67	84 330	6 050,030	67 728,035	11,195	10,728
5	18	99 030	77 592,314	1 526 946,757	19,679	19,213	55	68	83 042	5 673,956	61 678,005	10,870	10,404
6	19	98 996	73 872,581	1 449 354,444	19,620	19,153	56	69	81 679	5 315,087	56 004,049	10,537	10,070
7	20	98 965	70 332,876	1 375 481,863	19,557	19,090	57	70	80 223	4 971,715	50 688,962	10,195	9,729
8	21	98 935	66 963,304	1 305 148,987	19,491	19,024	58	71	78 654	4 642,367	45 717,247	9,848	9,381
9	22	98 906	63 755,917	1 238 185,683	19,421	18,954	59	72	76 958	4 325,987	41 074,880	9,495	9,029
10	23	98 876	60 701,532	1 174 429,766	19,348	18,881	60	73	75 120	4 021,592	36 748,892	9,138	8,671
11	24	98 845	57 792,603	1 113 728,234	19,271	18,805	61	74	73 131	3 728,651	32 727,301	8,777	8,311
12	25	98 817	55 024,726	1 055 935,631	19,190	18,724	62	75	70 968	3 446,108	28 998,650	8,415	7,948
13	26	98 784	52 387,143	1 000 910,905	19,106	18,640	63	76	68 613	3 173,081	25 552,541	8,053	7,587
14	27	98 749	49 875,177	948 523,762	19,018	18,552	64	77	66 086	2 910,692	22 379,461	7,689	7,222
15	28	98 708	47 480,281	898 648,585	18,927	18,460	65	78	63 348	2 657,243	19 468,769	7,327	6,860
16	29	98 666	45 199,832	851 168,304	18,831	18,365	66	79	60 394	2 412,665	16 811,525	6,968	6,502
17	30	98 612	43 023,932	805 968,472	18,733	18,267	67	80	57 238	2 177,725	14 398,860	6,612	6,145
18	31	98 550	40 949,698	762 944,541	18,631	18,165	68	81	53 867	1 951,867	12 221,135	6,261	5,795
19	32	98 473	38 969,162	721 994,843	18,527	18,061	69	82	50 321	1 736,552	10 269,268	5,914	5,447
20	33	98 390	37 082,201	683 025,681	18,419	17,953	70	83	46 550	1 529,932	8 532,716	5,577	5,111
21	34	98 301	35 284,480	645 943,480	18,307	17,840	71	84	42 638	1 334,608	7 002,784	5,247	4,781
22	35	98 206	33 571,840	610 659,000	18,190	17,723	72	85	38 568	1 149,744	5 668,176	4,930	4,464
23	36	98 115	31 943,481	577 087,159	18,066	17,599	73	86	34 418	977,152	4 518,431	4,624	4,158
24	37	98 017	30 392,008	545 143,679	17,937	17,471	74	87	30 244	817,774	3 541,280	4,330	3,864
25	38	97 910	28 913,135	514 751,670	17,803	17,337	75	88	26 056	670,970	2 723,506	4,059	3,593
26	39	97 802	27 505,869	485 838,535	17,663	17,197	76	89	22 013	539,878	2 052,536	3,802	3,335
27	40	97 680	26 163,525	458 332,666	17,518	17,052	77	90	18 111	423,035	1 512,658	3,576	3,109
28	41	97 550	24 884,285	432 169,141	17,367	16,901	78	91	14 592	324,607	1 089,623	3,357	2,890
29	42	97 413	23 666,094	407 284,856	17,210	16,743	79	92	11 366	240,790	765,016	3,177	2,711
30	43	97 262	22 504,267	383 618,762	17,046	16,580	80	93	8 673	174,987	524,226	2,996	2,529
31	44	97 100	21 396,989	361 114,495	16,877	16,410	81	94	6 428	123,520	349,239	2,827	2,361
32	45	96 922	20 340,669	339 717,505	16,701	16,235	82	95	4 613	84,432	225,718	2,673	2,207
33	46	96 728	19 333,255	319 376,837	16,520	16,053	83	96	3 203	55,830	141,287	2,531	2,064
34	47	96 518	18 372,644	300 043,581	16,331	15,865	84	97	2 148	35,660	85,457	2,396	1,930
35	48	96 284	17 455,289	281 670,938	16,137	15,670	85	98	1 386	21,905	49,798	2,273	1,807
36	49	96 033	16 580,747	264 215,649	15,935	15,469	86	99	858	12,920	27,892	2,159	1,692
37	50	95 751	15 744,814	247 634,902	15,728	15,262	87	100	509	7,292	14,972	2,053	1,587
38	51	95 449	14 947,324	231 890,089	15,513	15,047							
39	52	95 111	14 185,586	216 942,260	15,293	14,827							
40	53	94 741	13 457,524	202 756,674	15,066	14,600							
41	54	94 335	12 761,763	189 299,150	14,833	14,367							
42	55	93 905	12 098,682	176 537,386	14,591	14,125							
43	56	93 429	11 464,168	164 438,704	14,344	13,877							
44	57	92 911	10 857,673	152 974,536	14,089	13,623							
45	58	92 355	10 278,824	142 116,863	13,826	13,360							
46	59	91 744	9 724,575	131 838,039	13,557	13,091							
47	60	91 085	9 194,967	122 113,464	13,280	12,814							
48	61	90 333	8 684,773	112 918,497	13,002	12,535							
49	62	89 525	8 197,305	104 233,723	12,716	12,249							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß   5,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	14	99 547	99 547,108	1 974 449,836	19,834	19,368	50	64	88 045	7 677,828	93 734,123	12,208	11,742
1	15	99 151	94 429,838	1 874 902,728	19,855	19,389	51	65	87 048	7 229,437	86 056,294	11,904	11,437
2	16	99 106	89 892,443	1 780 472,890	19,807	19,340	52	66	85 960	6 799,086	78 826,857	11,594	11,127
3	17	99 072	85 582,520	1 690 580,448	19,754	19,287	53	67	84 798	6 387,790	72 027,771	11,276	10,809
4	18	99 043	81 482,750	1 604 997,927	19,697	19,231	54	68	83 559	5 994,779	65 639,980	10,950	10,483
5	19	99 007	77 574,591	1 523 515,177	19,639	19,173	55	69	82 236	5 618,859	59 645,201	10,615	10,149
6	20	98 976	73 857,323	1 445 940,586	19,577	19,111	56	70	80 812	5 258,632	54 026,342	10,274	9,807
7	21	98 943	70 317,263	1 372 083,263	19,513	19,046	57	71	79 292	4 914,020	48 767,710	9,924	9,458
8	22	98 915	66 949,289	1 301 766,000	19,444	18,978	58	72	77 641	4 582,587	43 853,690	9,570	9,103
9	23	98 884	63 741,614	1 234 816,711	19,372	18,906	59	73	75 844	4 263,357	39 271,103	9,211	8,745
10	24	98 854	60 687,657	1 171 075,096	19,297	18,830	60	74	73 899	3 956,196	35 007,747	8,849	8,382
11	25	98 825	57 780,921	1 110 387,440	19,217	18,751	61	75	71 770	3 659,270	31 051,551	8,486	8,019
12	26	98 795	55 012,622	1 052 606,519	19,134	18,668	62	76	69 446	3 372,162	27 392,281	8,123	7,657
13	27	98 760	52 374,744	997 593,897	19,047	18,581	63	77	66 933	3 095,363	24 020,119	7,760	7,294
14	28	98 723	49 861,778	945 219,153	18,957	18,490	64	78	64 254	2 829,997	20 924,756	7,394	6,928
15	29	98 683	47 468,274	895 357,374	18,862	18,396	65	79	61 317	2 572,030	18 094,759	7,035	6,569
16	30	98 637	45 186,863	847 889,100	18,764	18,298	66	80	58 201	2 325,071	15 522,729	6,676	6,210
17	31	98 584	43 011,755	802 702,237	18,662	18,196	67	81	54 848	2 086,772	13 197,658	6,324	5,858
18	32	98 521	40 937,330	759 690,482	18,557	18,091	68	82	51 303	1 858,976	11 110,886	5,977	5,510
19	33	98 438	38 955,348	718 753,152	18,451	17,984	69	83	47 546	1 640,791	9 251,910	5,639	5,172
20	34	98 354	37 068,643	679 797,804	18,339	17,872	70	84	43 631	1 433,988	7 611,118	5,308	4,841
21	35	98 259	35 269,492	642 729,161	18,223	17,757	71	85	39 554	1 238,095	6 177,130	4,989	4,523
22	36	98 167	33 558,487	607 459,669	18,102	17,635	72	86	35 377	1 054,598	4 939,036	4,683	4,217
23	37	98 069	31 928,301	573 901,182	17,975	17,508	73	87	31 175	885,082	3 884,438	4,389	3,922
24	38	97 965	30 375,789	541 972,882	17,842	17,376	74	88	26 969	729,216	2 999,356	4,113	3,647
25	39	97 856	28 897,038	511 597,093	17,704	17,238	75	89	22 869	588,919	2 270,140	3,855	3,388
26	40	97 737	27 487,673	482 700,054	17,561	17,094	76	90	18 898	463,476	1 681,221	3,627	3,161
27	41	97 611	26 145,048	455 212,382	17,411	16,945	77	91	15 308	357,551	1 217,745	3,406	2,939
28	42	97 471	24 864,340	429 067,334	17,256	16,790	78	92	11 999	266,929	860,194	3,223	2,756
29	43	97 326	23 645,029	404 202,993	17,095	16,628	79	93	9 215	195,226	593,265	3,039	2,572
30	44	97 163	22 481,224	380 557,964	16,928	16,461	80	94	6 875	138,721	398,039	2,869	2,403
31	45	96 991	21 372,957	358 076,740	16,754	16,287	81	95	4 976	95,619	259,319	2,712	2,246
32	46	96 799	20 314,852	336 703,783	16,574	16,108	82	96	3 483	63,741	163,699	2,568	2,102
33	47	96 592	19 306,013	316 388,931	16,388	15,922	83	97	2 355	41,051	99,958	2,435	1,969
34	48	96 360	18 342,602	297 082,919	16,196	15,730	84	98	1 536	25,505	58,907	2,310	1,843
35	49	96 113	17 424,420	278 740,316	15,997	15,531	85	99	963	15,220	33,402	2,195	1,728
36	50	95 835	16 546,629	261 315,896	15,793	15,326	86	100	578	8,710	18,182	2,088	1,621
37	51	95 540	15 710,128	244 769,267	15,580	15,114							
38	52	95 215	14 911,255	229 059,139	15,361	14,895							
39	53	94 850	14 146,641	214 147,884	15,138	14,671							
40	54	94 456	13 417,064	200 001,243	14,906	14,440							
41	55	94 034	12 721,038	186 584,179	14,667	14,201							
42	56	93 572	12 055,814	173 863,142	14,422	13,955							
43	57	93 077	11 420,923	161 807,327	14,168	13,701							
44	58	92 539	10 814,280	150 386,405	13,906	13,440							
45	59	91 948	10 233,471	139 572,125	13,639	13,172							
46	60	91 311	9 678,656	129 338,654	13,363	12,897							
47	61	90 594	9 145,412	119 659,998	13,084	12,618							
48	62	89 814	8 634,865	110 514,586	12,799	12,332							
49	63	88 961	8 145,599	101 879,722	12,507	12,041							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß   5,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	15	99 536	99 536,318	1 970 740,941	19,799	19,333	50	65	87 398	7 621,401	91 317,466	11,982	11,515
1	16	99 139	94 417,960	1 871 204,623	19,818	19,352	51	66	86 368	7 172,976	83 696,065	11,668	11,202
2	17	99 091	89 878,611	1 776 786,664	19,769	19,302	52	67	85 224	6 740,925	76 523,089	11,352	10,886
3	18	99 057	85 568,787	1 686 908,053	19,714	19,248	53	68	84 023	6 329,455	69 782,164	11,025	10,559
4	19	99 020	81 464,139	1 601 339,266	19,657	19,191	54	69	82 748	5 936,566	63 452,708	10,688	10,222
5	20	98 987	77 558,569	1 519 875,128	19,596	19,130	55	70	81 362	5 559,178	57 516,142	10,346	9,880
6	21	98 954	73 840,928	1 442 316,559	19,533	19,066	56	71	79 874	5 197,607	51 956,964	9,996	9,530
7	22	98 923	70 302,546	1 368 475,631	19,466	18,999	57	72	78 271	4 850,741	46 759,357	9,640	9,173
8	23	98 892	66 934,271	1 298 173,085	19,395	18,928	58	73	76 517	4 516,241	41 908,616	9,280	8,813
9	24	98 862	63 727,044	1 231 238,814	19,321	18,854	59	74	74 611	4 194,029	37 392,374	8,916	8,449
10	25	98 834	60 675,389	1 167 511,770	19,242	18,776	60	75	72 523	3 882,581	33 198,345	8,551	8,084
11	26	98 803	57 768,210	1 106 836,381	19,160	18,694	61	76	70 230	3 580,750	29 315,764	8,187	7,721
12	27	98 771	54 999,602	1 049 068,170	19,074	18,608	62	77	67 745	3 289,568	25 735,014	7,823	7,357
13	28	98 734	52 360,674	994 068,568	18,985	18,519	63	78	65 077	3 009,548	22 445,446	7,458	6,992
14	29	98 698	49 849,170	941 707,894	18,891	18,425	64	79	62 194	2 739,244	19 435,898	7,095	6,629
15	30	98 655	47 454,654	891 858,724	18,794	18,328	65	80	59 091	2 478,650	16 696,654	6,736	6,270
16	31	98 609	45 174,074	844 404,070	18,692	18,226	66	81	55 770	2 227,963	14 218,004	6,382	5,915
17	32	98 554	42 998,764	799 229,996	18,587	18,121	67	82	52 237	1 987,461	11 990,041	6,033	5,566
18	33	98 486	40 922,819	756 231,232	18,479	18,013	68	83	48 474	1 756,465	10 002,580	5,695	5,228
19	34	98 402	38 941,105	715 308,413	18,369	17,903	69	84	44 564	1 537,895	8 246,115	5,362	4,896
20	35	98 312	37 052,897	676 367,308	18,254	17,788	70	85	40 476	1 330,288	6 708,220	5,043	4,576
21	36	98 220	35 255,464	639 314,411	18,134	17,667	71	86	36 281	1 135,637	5 377,932	4,736	4,269
22	37	98 121	33 542,539	604 058,948	18,009	17,542	72	87	32 043	955,231	4 242,296	4,441	3,975
23	38	98 016	31 911,261	570 516,408	17,878	17,412	73	88	27 799	789,235	3 287,065	4,165	3,698
24	39	97 910	30 358,878	538 605,147	17,741	17,275	74	89	23 671	640,042	2 497,830	3,903	3,436
25	40	97 791	28 877,922	508 246,269	17,600	17,133	75	90	19 633	505,577	1 857,788	3,675	3,208
26	41	97 668	27 468,260	479 368,348	17,452	16,985	76	91	15 973	391,732	1 352,211	3,452	2,985
27	42	97 533	26 124,093	451 900,087	17,298	16,832	77	92	12 588	294,019	960,479	3,267	2,800
28	43	97 385	24 842,209	425 775,995	17,139	16,673	78	93	9 729	216,419	666,460	3,079	2,613
29	44	97 226	23 620,818	400 933,786	16,974	16,507	79	94	7 305	154,765	450,041	2,908	2,441
30	45	97 053	22 455,974	377 312,968	16,802	16,336	80	95	5 322	107,386	295,276	2,750	2,283
31	46	96 868	21 345,830	354 856,993	16,624	16,158	81	96	3 757	72,187	187,890	2,603	2,136
32	47	96 663	20 286,226	333 511,163	16,440	15,974	82	97	2 561	46,869	115,703	2,469	2,002
33	48	96 434	19 274,445	313 224,938	16,251	15,784	83	98	1 685	29,361	68,834	2,344	1,878
34	49	96 190	18 310,165	293 950,493	16,054	15,588	84	99	1 068	17,721	39,473	2,227	1,761
35	50	95 916	17 388,567	275 640,328	15,852	15,385	85	100	649	10,260	21,752	2,120	1,654
36	51	95 624	16 510,177	258 251,761	15,642	15,176							
37	52	95 306	15 671,688	241 741,584	15,425	14,959							
38	53	94 954	14 870,318	226 069,896	15,203	14,736							
39	54	94 565	14 104,108	211 199,578	14,974	14,508							
40	55	94 155	13 374,247	197 095,469	14,737	14,271							
41	56	93 701	12 675,965	183 721,222	14,494	14,027							
42	57	93 219	12 010,337	171 045,257	14,242	13,775							
43	58	92 705	11 375,278	159 034,920	13,981	13,514							
44	59	92 131	10 766,564	147 659,642	13,715	13,248							
45	60	91 514	10 185,148	136 893,078	13,440	12,974							
46	61	90 819	9 626,494	126 707,930	13,162	12,696							
47	62	90 074	9 092,856	117 081,436	12,876	12,410							
48	63	89 247	8 580,399	107 988,580	12,585	12,119							
49	64	88 361	8 090,715	99 408,181	12,287	11,820							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß   5,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	16	99 524	99 523,797	1 966 803,147	19,762	19,296	50	66	86 715	7 561,878	88 786,204	11,741	11,275
1	17	99 124	94 403,431	1 867 279,350	19,780	19,313	51	67	85 629	7 111,617	81 224,325	11,421	10,955
2	18	99 075	89 864,188	1 772 875,918	19,728	19,262	52	68	84 446	6 679,365	74 112,708	11,096	10,629
3	19	99 034	85 549,242	1 683 011,731	19,673	19,207	53	69	83 207	6 267,992	67 433,343	10,758	10,292
4	20	99 000	81 447,313	1 597 462,489	19,613	19,147	54	70	81 869	5 873,511	61 165,351	10,414	9,947
5	21	98 965	77 541,352	1 516 015,176	19,551	19,085	55	71	80 418	5 494,465	55 291,840	10,063	9,596
6	22	98 933	73 825,474	1 438 473,824	19,485	19,018	56	72	78 845	5 130,677	49 797,175	9,706	9,239
7	23	98 901	70 286,775	1 364 648,351	19,415	18,949	57	73	77 137	4 780,513	44 666,498	9,343	8,877
8	24	98 870	66 918,971	1 294 361,575	19,342	18,876	58	74	75 272	4 442,802	39 885,985	8,978	8,511
9	25	98 842	63 714,163	1 227 442,605	19,265	18,798	59	75	73 222	4 115,989	35 443,183	8,611	8,145
10	26	98 812	60 662,042	1 163 728,442	19,184	18,717	60	76	70 967	3 799,269	31 327,194	8,246	7,779
11	27	98 780	57 754,539	1 103 066,400	19,099	18,633	61	77	68 510	3 493,047	27 527,925	7,881	7,414
12	28	98 745	54 984,827	1 045 311,861	19,011	18,545	62	78	65 867	3 198,369	24 034,879	7,515	7,048
13	29	98 709	52 347,433	990 327,035	18,918	18,452	63	79	62 990	2 913,037	20 836,509	7,153	6,686
14	30	98 670	49 834,867	937 979,601	18,822	18,355	64	80	59 936	2 639,793	17 923,472	6,790	6,323
15	31	98 627	47 441,223	888 144,734	18,721	18,255	65	81	56 623	2 375,128	15 283,679	6,435	5,968
16	32	98 580	45 160,430	840 703,511	18,616	18,150	66	82	53 116	2 121,934	12 908,551	6,083	5,617
17	33	98 519	42 983,522	795 543,081	18,508	18,042	67	83	49 357	1 877,864	10 786,617	5,744	5,278
18	34	98 450	40 907,856	752 559,559	18,396	17,930	68	84	45 434	1 646,314	8 908,753	5,411	4,945
19	35	98 360	38 924,564	711 651,703	18,283	17,816	69	85	41 342	1 426,681	7 262,439	5,090	4,624
20	36	98 273	37 038,159	672 727,139	18,163	17,697	70	86	37 126	1 220,200	5 835,759	4,783	4,316
21	37	98 174	35 238,710	635 688,980	18,040	17,573	71	87	32 863	1 028,634	4 615,558	4,487	4,021
22	38	98 068	33 524,638	600 450,271	17,911	17,444	72	88	28 573	851,787	3 586,924	4,211	3,745
23	39	97 962	31 893,496	566 925,632	17,776	17,309	73	89	24 399	692,722	2 735,137	3,948	3,482
24	40	97 846	30 338,794	535 032,137	17,635	17,169	74	90	20 321	549,045	2 042,415	3,717	3,251
25	41	97 722	28 857,527	504 693,343	17,489	17,023	75	91	16 594	427,316	1 492,950	3,494	3,027
26	42	97 590	27 446,245	475 835,815	17,337	16,871	76	92	13 134	322,126	1 065,634	3,308	2,842
27	43	97 446	26 100,840	448 389,571	17,179	16,713	77	93	10 206	238,383	743,508	3,119	2,653
28	44	97 285	24 816,772	422 288,731	17,016	16,550	78	94	7 713	171,565	505,125	2,944	2,478
29	45	97 117	23 594,288	397 471,959	16,846	16,380	79	95	5 655	119,806	333,559	2,784	2,318
30	46	96 930	22 427,472	373 877,670	16,671	16,204	80	96	4 018	81,071	213,753	2,637	2,170
31	47	96 732	21 315,751	351 450,198	16,488	16,021	81	97	2 762	53,079	132,682	2,500	2,033
32	48	96 505	20 253,055	330 134,447	16,300	15,834	82	98	1 832	33,522	79,603	2,375	1,908
33	49	96 263	19 240,360	309 881,391	16,106	15,639	83	99	1 170	20,400	46,081	2,259	1,792
34	50	95 992	18 272,489	290 641,032	15,906	15,440	84	100	720	11,946	25,681	2,150	1,683
35	51	95 704	17 350,260	272 368,543	15,698	15,232							
36	52	95 390	16 469,780	255 018,283	15,484	15,018							
37	53	95 044	15 628,664	238 548,503	15,264	14,797							
38	54	94 669	14 825,610	222 919,839	15,036	14,570							
39	55	94 263	14 059,099	208 094,230	14,801	14,335							
40	56	93 821	13 326,860	194 035,130	14,560	14,093							
41	57	93 347	12 628,149	180 708,271	14,310	13,844							
42	58	92 847	11 962,337	168 080,122	14,051	13,584							
43	59	92 296	11 325,087	156 117,785	13,785	13,319							
44	60	91 696	10 715,724	144 792,698	13,512	13,046							
45	61	91 020	10 130,257	134 076,974	13,235	12,769							
46	62	90 297	9 571,173	123 946,717	12,950	12,484							
47	63	89 505	9 035,501	114 375,544	12,658	12,192							
48	64	88 646	8 522,585	105 340,042	12,360	11,894							
49	65	87 712	8 031,253	96 817,457	12,055	11,589							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß   5,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	17	99 508	99 508,483	1 962 627,679	19,723	19,257	50	67	85 973	7 497,192	86 138,862	11,489	11,023
1	18	99 108	94 388,282	1 863 119,196	19,739	19,272	51	68	84 847	7 046,671	78 641,670	11,160	10,694
2	19	99 053	89 843,662	1 768 730,914	19,687	19,220	52	69	83 626	6 614,504	71 594,999	10,824	10,358
3	20	99 013	85 531,573	1 678 887,252	19,629	19,162	53	70	82 323	6 201,417	64 980,495	10,478	10,012
4	21	98 978	81 429,233	1 593 355,680	19,567	19,101	54	71	80 919	5 805,350	58 779,078	10,125	9,659
5	22	98 944	77 525,123	1 511 926,447	19,502	19,036	55	72	79 382	5 423,909	52 973,728	9,767	9,300
6	23	98 911	73 808,912	1 434 401,324	19,434	18,968	56	73	77 704	5 056,396	47 549,818	9,404	8,937
7	24	98 878	70 270,709	1 360 592,412	19,362	18,896	57	74	75 883	4 702,777	42 493,422	9,036	8,569
8	25	98 850	66 905,444	1 290 321,703	19,286	18,819	58	75	73 872	4 360,132	37 790,645	8,667	8,201
9	26	98 820	63 700,147	1 223 416,259	19,206	18,739	59	76	71 651	4 027,668	33 430,513	8,300	7,834
10	27	98 789	60 647,685	1 159 716,112	19,122	18,656	60	77	69 229	3 706,214	29 402,845	7,933	7,467
11	28	98 739	57 739,023	1 099 068,427	19,035	18,569	61	78	66 610	3 396,207	25 696,631	7,566	7,100
12	29	98 720	54 970,922	1 041 329,404	18,943	18,477	62	79	63 754	3 095,803	22 300,424	7,203	6,737
13	30	98 681	52 332,414	986 358,482	18,848	18,382	63	80	60 703	2 807,277	19 204,621	6,841	6,375
14	31	98 642	49 820,762	934 026,068	18,748	18,281	64	81	57 432	2 529,541	16 397,345	6,482	6,016
15	32	98 597	47 426,895	884 205,305	18,644	18,177	65	82	53 928	2 262,095	13 867,804	6,131	5,664
16	33	98 545	45 144,422	836 778,410	18,536	18,069	66	83	50 187	2 004,921	11 605,709	5,789	5,322
17	34	98 483	42 967,806	791 633,988	18,424	17,957	67	84	46 262	1 760,100	9 600,788	5,455	4,988
18	35	98 408	40 890,479	748 666,183	18,309	17,843	68	85	42 149	1 527,259	7 840,688	5,134	4,667
19	36	98 321	38 909,081	707 775,703	18,191	17,724	69	86	37 920	1 308,616	6 313,428	4,825	4,358
20	37	98 227	37 020,558	668 866,622	18,067	17,601	70	87	33 628	1 105,230	5 004,812	4,528	4,062
21	38	98 121	35 219,903	631 846,064	17,940	17,474	71	88	29 304	917,242	3 899,582	4,251	3,785
22	39	98 014	33 505,975	596 626,161	17,807	17,340	72	89	25 079	747,625	2 982,341	3,989	3,523
23	40	97 897	31 872,396	563 120,186	17,668	17,202	73	90	20 946	594,690	2 234,716	3,758	3,291
24	41	97 777	30 317,368	531 247,790	17,523	17,056	74	91	17 176	464,410	1 640,026	3,531	3,065
25	42	97 644	28 834,398	500 930,422	17,373	16,906	75	92	13 645	351,388	1 175,616	3,346	2,879
26	43	97 503	27 421,815	472 096,024	17,216	16,750	76	93	10 649	261,172	824,228	3,156	2,689
27	44	97 347	26 074,114	444 674,209	17,054	16,588	77	94	8 091	188,978	563,056	2,979	2,513
28	45	97 176	24 788,899	418 600,094	16,887	16,420	78	95	5 970	132,812	374,079	2,817	2,350
29	46	96 994	23 564,342	393 811,195	16,712	16,246	79	96	4 269	90,447	241,267	2,667	2,201
30	47	96 794	22 395,870	370 246,854	16,532	16,066	80	97	2 954	59,611	150,820	2,530	2,064
31	48	96 574	21 280,897	347 850,984	16,346	15,879	81	98	1 976	37,964	91,209	2,403	1,936
32	49	96 334	20 217,239	326 570,087	16,153	15,687	82	99	1 273	23,291	53,245	2,286	1,820
33	50	96 065	19 200,770	306 352,847	15,955	15,489	83	100	789	13,752	29,954	2,178	1,712
34	51	95 780	18 232,234	287 152,078	15,750	15,283							
35	52	95 470	17 307,807	268 919,843	15,537	15,071							
36	53	95 128	16 424,564	251 612,036	15,319	14,853							
37	54	94 759	15 581,675	235 187,471	15,094	14,627							
38	55	94 366	14 778,298	219 605,796	14,860	14,394							
39	56	93 929	14 009,285	204 827,498	14,621	14,154							
40	57	93 467	13 276,588	190 818,213	14,373	13,906							
41	58	92 974	12 577,680	177 541,624	14,116	13,649							
42	59	92 437	11 909,556	164 963,945	13,851	13,385							
43	60	91 860	11 271,610	153 054,389	13,579	13,112							
44	61	91 202	10 657,973	141 782,779	13,303	12,837							
45	62	90 497	10 072,041	131 124,807	13,019	12,552							
46	63	89 727	9 510,802	121 052,765	12,728	12,262							
47	64	88 902	8 974,622	111 541,964	12,429	11,962							
48	65	87 994	8 459,949	102 567,342	12,124	11,657							
49	66	87 027	7 968,530	94 107,393	11,810	11,343							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß   5,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$
0	18	99 493	99 492,515	1 958 206,514	19,682	19,216	50	68	85 188	7 428,726	83 376,145	11,223	10,757
1	19	99 085	94 366,723	1 858 713,999	19,697	19,230	51	69	84 023	6 978,244	75 947,419	10,883	10,417
2	20	99 032	89 825,105	1 764 347,276	19,642	19,176	52	70	82 738	6 544,248	68 969,176	10,539	10,072
3	21	98 992	85 512,585	1 674 522,171	19,582	19,116	53	71	81 368	6 129,451	62 424,927	10,184	9,718
4	22	98 957	81 412,190	1 589 009,585	19,518	19,052	54	72	79 877	5 730,594	56 295,476	9,824	9,357
5	23	98 922	77 507,732	1 507 597,395	19,451	18,985	55	73	78 233	5 345,384	50 564,883	9,460	8,993
6	24	98 888	73 792,041	1 430 089,663	19,380	18,914	56	74	76 440	4 974,173	45 219,499	9,091	8,624
7	25	98 858	70 256,505	1 356 297,622	19,305	18,839	57	75	74 471	4 615,269	40 245,326	8,720	8,254
8	26	98 828	66 890,726	1 286 041,118	19,226	18,760	58	76	72 287	4 266,573	35 630,056	8,351	7,885
9	27	98 796	63 685,071	1 219 150,392	19,143	18,677	59	77	69 896	3 929,019	31 363,484	7,983	7,516
10	28	98 762	60 631,393	1 155 465,320	19,057	18,591	60	78	67 310	3 603,464	27 434,464	7,613	7,147
11	29	98 728	57 724,422	1 094 833,928	18,967	18,500	61	79	64 474	3 287,296	23 831,000	7,249	6,783
12	30	98 692	54 955,150	1 037 109,505	18,872	18,406	62	80	61 440	2 983,407	20 543,704	6,886	6,420
13	31	98 653	52 317,602	982 154,355	18,773	18,307	63	81	58 168	2 690,029	17 560,297	6,528	6,062
14	32	98 612	49 805,715	929 836,753	18,669	18,203	64	82	54 699	2 409,159	14 870,268	6,172	5,706
15	33	98 562	47 410,083	880 031,038	18,562	18,096	65	83	50 954	2 137,353	12 461,109	5,830	5,364
16	34	98 509	45 127,916	832 620,955	18,450	17,984	66	84	47 040	1 879,189	10 323,756	5,494	5,027
17	35	98 441	42 949,554	787 493,039	18,335	17,869	67	85	42 916	1 632,817	8 444,567	5,172	4,705
18	36	98 359	40 874,215	744 543,485	18,215	17,749	68	86	38 661	1 400,872	6 811,749	4,863	4,396
19	37	98 275	38 890,591	703 669,270	18,094	17,627	69	87	34 348	1 185,315	5 410,878	4,565	4,099
20	38	98 174	37 000,801	664 778,679	17,967	17,500	70	88	29 987	985,543	4 225,563	4,288	3,821
21	39	98 067	35 200,296	627 777,878	17,834	17,368	71	89	25 720	805,075	3 240,020	4,024	3,558
22	40	97 949	33 483,809	592 577,582	17,697	17,231	72	90	21 530	641,823	2 434,945	3,794	3,327
23	41	97 828	31 849,887	559 093,774	17,554	17,088	73	91	17 704	502,634	1 793,122	3,567	3,101
24	42	97 698	30 293,069	527 243,886	17,405	16,938	74	92	14 124	381,891	1 290,488	3,379	2,913
25	43	97 557	28 808,733	496 950,818	17,250	16,784	75	93	11 063	284,896	908,597	3,189	2,723
26	44	97 403	27 393,737	468 142,085	17,089	16,623	76	94	8 442	207,043	623,701	3,012	2,546
27	45	97 237	26 044,829	440 748,348	16,923	16,456	77	95	6 263	146,291	416,657	2,848	2,382
28	46	97 052	24 757,436	414 703,519	16,751	16,284	78	96	4 507	100,266	270,367	2,697	2,230
29	47	96 857	23 531,137	389 946,083	16,571	16,105	79	97	3 139	66,505	170,101	2,558	2,091
30	48	96 635	22 359,250	366 414,946	16,388	15,921	80	98	2 113	42,635	103,595	2,430	1,963
31	49	96 403	21 243,264	344 055,696	16,196	15,730	81	99	1 373	26,377	60,960	2,311	1,845
32	50	96 136	20 175,639	322 812,432	16,000	15,534	82	100	858	15,701	34,582	2,203	1,736
33	51	95 853	19 158,470	302 636,793	15,797	15,330							
34	52	95 546	18 187,624	283 478,323	15,586	15,120							
35	53	95 208	17 260,291	265 290,699	15,370	14,904							
36	54	94 842	16 375,183	248 030,407	15,147	14,680							
37	55	94 456	15 531,951	231 655,224	14,915	14,448							
38	56	94 032	14 725,936	216 123,273	14,676	14,210							
39	57	93 574	13 956,439	201 397,337	14,430	13,964							
40	58	93 093	13 223,527	187 440,898	14,175	13,708							
41	59	92 564	12 522,183	174 217,370	13,913	13,446							
42	60	92 001	11 853,319	161 695,188	13,641	13,175							
43	61	91 365	11 210,863	149 841,869	13,366	12,899							
44	62	90 678	10 596,725	138 631,006	13,082	12,616							
45	63	89 927	10 008,510	128 034,281	12,793	12,326							
46	64	89 123	9 446,719	118 025,771	12,494	12,027							
47	65	88 249	8 908,663	108 579,052	12,188	11,722							
48	66	87 307	8 393,878	99 670,388	11,874	11,408							
49	67	86 283	7 900,365	91 276,510	11,553	11,087							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß   5,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	19	99 470	99 469,790	1 953 529,004	19,639	19,173	50	69	84 361	7 356,588	80 497,391	10,942	10,476
1	20	99 065	94 347,232	1 854 059,214	19,651	19,185	51	70	83 131	6 904,124	73 140,803	10,594	10,127
2	21	99 010	89 805,165	1 759 711,982	19,595	19,128	52	71	81 778	6 468,304	66 236,679	10,240	9,774
3	22	98 971	85 494,689	1 669 906,817	19,532	19,066	53	72	80 320	6 050,521	59 768,375	9,878	9,412
4	23	98 935	81 393,927	1 584 412,129	19,466	19,000	54	73	78 721	5 647,628	53 717,854	9,512	9,045
5	24	98 899	77 490,015	1 503 018,201	19,396	18,930	55	74	76 961	5 258,461	48 070,226	9,142	8,675
6	25	98 868	73 777,125	1 425 528,187	19,322	18,856	56	75	75 018	4 881,616	42 811,765	8,770	8,304
7	26	98 836	70 241,050	1 351 751,062	19,244	18,778	57	76	72 873	4 516,235	37 930,149	8,399	7,932
8	27	98 805	66 874,895	1 281 510,012	19,163	18,696	58	77	70 516	4 162,073	33 413,914	8,028	7,562
9	28	98 770	63 667,962	1 214 635,117	19,078	18,611	59	78	67 958	3 820,092	29 251,841	7,657	7,191
10	29	98 737	60 616,061	1 150 967,154	18,988	18,521	60	79	65 151	3 487,907	25 431,749	7,291	6,825
11	30	98 700	57 707,860	1 090 351,094	18,894	18,428	61	80	62 133	3 167,948	21 943,842	6,927	6,460
12	31	98 664	54 939,596	1 032 643,234	18,796	18,330	62	81	58 874	2 858,803	18 775,894	6,568	6,101
13	32	98 623	52 301,801	977 703,638	18,693	18,227	63	82	55 400	2 562,010	15 917,091	6,213	5,746
14	33	98 577	49 788,060	925 401,837	18,587	18,120	64	83	51 683	2 276,308	13 355,081	5,867	5,401
15	34	98 526	47 392,749	875 613,776	18,476	18,009	65	84	47 759	2 003,316	11 078,774	5,530	5,064
16	35	98 467	45 108,746	828 221,028	18,361	17,894	66	85	43 638	1 743,294	9 075,457	5,206	4,740
17	36	98 402	42 932,471	783 112,282	18,241	17,774	67	86	39 365	1 497,694	7 332,163	4,896	4,429
18	37	98 322	40 854,791	740 179,811	18,117	17,651	68	87	35 018	1 268,878	5 834,469	4,598	4,132
19	38	98 222	38 869,836	699 325,020	17,991	17,525	69	88	30 628	1 056,955	4 565,591	4,320	3,853
20	39	98 119	36 980,202	660 455,184	17,860	17,393	70	89	26 320	865,024	3 508,636	4,056	3,590
21	40	98 002	35 177,009	623 474,982	17,724	17,258	71	90	22 080	691,143	2 643,612	3,825	3,359
22	41	97 880	33 460,162	588 297,973	17,582	17,116	72	91	18 197	542,472	1 952,469	3,599	3,133
23	42	97 749	31 824,360	554 837,812	17,434	16,968	73	92	14 558	413,323	1 409,997	3,411	2,945
24	43	97 611	30 266,105	523 013,452	17,281	16,814	74	93	11 451	309,627	996,674	3,219	2,753
25	44	97 457	28 779,235	492 747,347	17,122	16,655	75	94	8 770	225,851	687,047	3,042	2,576
26	45	97 294	27 362,969	463 968,112	16,956	16,490	76	95	6 535	160,276	461,196	2,878	2,411
27	46	97 114	26 011,772	436 605,143	16,785	16,319	77	96	4 728	110,442	300,921	2,725	2,258
28	47	96 916	24 722,550	410 593,370	16,608	16,142	78	97	3 314	73,725	190,479	2,584	2,117
29	48	96 699	23 492,661	385 870,820	16,425	15,959	79	98	2 245	47,567	116,754	2,455	1,988
30	49	96 464	22 319,709	362 378,159	16,236	15,769	80	99	1 468	29,623	69,187	2,336	1,869
31	50	96 204	21 199,552	340 058,450	16,041	15,574	81	100	925	17,781	39,564	2,225	1,759
32	51	95 924	20 131,192	318 858,898	15,839	15,373							
33	52	95 619	19 111,594	298 727,706	15,631	15,164							
34	53	95 284	18 137,692	279 616,112	15,416	14,950							
35	54	94 922	17 208,397	261 478,420	15,195	14,728							
36	55	94 539	16 322,926	244 270,023	14,965	14,498							
37	56	94 121	15 476,919	227 947,096	14,728	14,262							
38	57	93 677	14 670,387	212 470,178	14,483	14,017							
39	58	93 200	13 900,662	197 799,791	14,230	13,763							
40	59	92 683	13 165,181	183 899,129	13,969	13,502							
41	60	92 127	12 463,053	170 733,948	13,699	13,233							
42	61	91 505	11 789,437	158 270,895	13,425	12,958							
43	62	90 840	11 146,437	146 481,458	13,142	12,675							
44	63	90 106	10 529,884	135 335,021	12,852	12,386							
45	64	89 321	9 941,074	124 805,137	12,554	12,088							
46	65	88 468	9 377,291	114 864,062	12,249	11,783							
47	66	87 560	8 839,088	105 486,771	11,934	11,468							
48	67	86 560	8 322,075	96 647,683	11,613	11,147							
49	68	85 495	7 828,217	88 325,608	11,283	10,817							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß   5,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	20	99 449	99 449,245	1 948 590,447	19,594	19,127	50	70	83 465	7 278,450	77 501,834	10,648	10,182
1	21	99 043	94 326,288	1 849 141,202	19,604	19,137	51	71	82 166	6 824,004	70 223,384	10,291	9,824
2	22	98 989	89 786,370	1 754 814,914	19,544	19,078	52	72	80 724	6 385,010	63 399,380	9,929	9,463
3	23	98 949	85 475,510	1 665 028,544	19,480	19,013	53	73	79 157	5 962,923	57 014,370	9,561	9,095
4	24	98 912	81 375,322	1 579 553,034	19,411	18,944	54	74	77 440	5 555,791	51 051,447	9,189	8,722
5	25	98 879	77 474,351	1 498 177,713	19,338	18,871	55	75	75 529	5 160,614	45 495,656	8,816	8,350
6	26	98 847	73 760,895	1 420 703,361	19,261	18,795	56	76	73 408	4 776,867	40 335,042	8,444	7,977
7	27	98 813	70 224,426	1 346 942,466	19,181	18,714	57	77	71 088	4 405,620	35 558,176	8,071	7,605
8	28	98 778	66 856,929	1 276 718,040	19,096	18,630	58	78	68 561	4 046,684	31 152,555	7,698	7,232
9	29	98 745	63 651,862	1 209 861,110	19,007	18,541	59	79	65 779	3 697,589	27 105,871	7,331	6,864
10	30	98 709	60 598,669	1 146 209,248	18,915	18,448	60	80	62 786	3 361,275	23 408,282	6,964	6,498
11	31	98 672	57 691,527	1 085 610,579	18,818	18,351	61	81	59 538	3 035,637	20 047,007	6,604	6,137
12	32	98 634	54 923,003	1 027 919,053	18,716	18,249	62	82	56 072	2 722,752	17 011,370	6,248	5,781
13	33	98 588	52 283,261	972 996,049	18,610	18,144	63	83	52 345	2 420,729	14 288,618	5,903	5,436
14	34	98 541	49 769,856	920 712,788	18,499	18,033	64	84	48 442	2 133,557	11 867,889	5,562	5,096
15	35	98 484	47 372,617	870 942,932	18,385	17,919	65	85	44 305	1 858,445	9 734,332	5,238	4,771
16	36	98 428	45 090,804	823 570,315	18,265	17,798	66	86	40 027	1 599,029	7 875,887	4,925	4,459
17	37	98 355	42 912,069	778 479,511	18,141	17,675	67	87	35 656	1 356,577	6 276,859	4,627	4,161
18	38	98 269	40 832,987	735 567,442	18,014	17,548	68	88	31 226	1 131,469	4 920,281	4,349	3,882
19	39	98 167	38 848,196	694 734,455	17,883	17,417	69	89	26 883	927,703	3 788,812	4,084	3,618
20	40	98 055	36 955,737	655 886,258	17,748	17,281	70	90	22 595	742,608	2 861,109	3,853	3,386
21	41	97 933	35 152,166	618 930,521	17,607	17,141	71	91	18 663	584,157	2 118,501	3,627	3,160
22	42	97 801	33 433,343	583 778,355	17,461	16,995	72	92	14 964	446,082	1 534,344	3,440	2,973
23	43	97 662	31 796,033	550 345,011	17,309	16,842	73	93	11 803	335,112	1 088,262	3,247	2,781
24	44	97 511	30 235,115	518 548,978	17,151	16,684	74	94	9 078	245,456	753,150	3,068	2,602
25	45	97 347	28 746,911	488 313,863	16,987	16,520	75	95	6 789	174,835	507,694	2,904	2,437
26	46	97 170	27 328,239	459 566,952	16,817	16,350	76	96	4 934	121,000	332,859	2,751	2,285
27	47	96 977	25 975,119	432 238,713	16,640	16,174	77	97	3 477	81,207	211,860	2,609	2,142
28	48	96 757	24 682,126	406 263,594	16,460	15,993	78	98	2 370	52,730	130,653	2,478	2,011
29	49	96 528	23 451,116	381 581,468	16,271	15,805	79	99	1 560	33,050	77,922	2,358	1,891
30	50	96 266	22 273,783	358 130,352	16,079	15,612	80	100	990	19,969	44,873	2,247	1,781
31	51	95 992	21 152,850	335 856,569	15,878	15,411							
32	52	95 689	20 081,935	314 703,720	15,671	15,205							
33	53	95 356	19 059,125	294 621,784	15,458	14,992							
34	54	94 997	18 083,160	275 562,659	15,239	14,772							
35	55	94 619	17 153,482	257 479,499	15,010	14,544							
36	56	94 204	16 265,092	240 326,017	14,776	14,309							
37	57	93 766	15 418,536	224 060,925	14,532	14,066							
38	58	93 303	14 611,756	208 642,389	14,279	13,813							
39	59	92 789	13 839,328	194 030,633	14,020	13,554							
40	60	92 245	13 103,015	180 191,306	13,752	13,285							
41	61	91 630	12 395,885	167 088,291	13,479	13,013							
42	62	90 979	11 721,686	154 692,406	13,197	12,731							
43	63	90 267	11 076,130	142 970,719	12,908	12,442							
44	64	89 499	10 458,935	131 894,590	12,611	12,144							
45	65	88 664	9 868,013	121 435,654	12,306	11,840							
46	66	87 777	9 304,056	111 567,641	11,991	11,525							
47	67	86 811	8 763,476	102 263,585	11,669	11,203							
48	68	85 770	8 246,075	93 500,109	11,339	10,872							
49	69	84 664	7 752,200	85 254,034	10,997	10,531							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß   5,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	21	99 427	99 427,169	1 943 376,524	19,546	19,079	50	71	82 496	7 193,985	74 391,147	10,341	9,874
1	22	99 022	94 306,547	1 843 949,355	19,553	19,086	51	72	81 108	6 736,130	67 197,162	9,976	9,509
2	23	98 967	89 766,228	1 749 642,809	19,491	19,025	52	73	79 556	6 292,570	60 461,032	9,608	9,142
3	24	98 926	85 455,971	1 659 876,581	19,424	18,957	53	74	77 870	5 865,959	54 168,462	9,234	8,768
4	25	98 892	81 358,873	1 574 420,609	19,352	18,885	54	75	76 000	5 452,411	48 302,503	8,859	8,393
5	26	98 857	77 457,309	1 493 061,736	19,276	18,810	55	76	73 908	5 049,878	42 850,092	8,485	8,019
6	27	98 823	73 743,439	1 415 604,428	19,196	18,730	56	77	71 610	4 659,868	37 800,214	8,112	7,645
7	28	98 786	70 205,560	1 341 860,989	19,113	18,647	57	78	69 117	4 283,480	33 140,346	7,737	7,270
8	29	98 753	66 840,023	1 271 655,429	19,025	18,559	58	79	66 363	3 916,914	28 856,866	7,367	6,901
9	30	98 717	63 633,599	1 204 815,406	18,934	18,467	59	80	63 391	3 563,344	24 939,952	6,999	6,533
10	31	98 681	60 581,517	1 141 181,806	18,837	18,371	60	81	60 164	3 220,890	21 376,608	6,637	6,170
11	32	98 642	57 674,103	1 080 600,289	18,736	18,270	61	82	56 705	2 891,170	18 155,718	6,280	5,813
12	33	98 599	54 903,534	1 022 926,186	18,631	18,165	62	83	52 980	2 572,608	15 264,548	5,933	5,467
13	34	98 552	52 264,145	968 022,652	18,522	18,055	63	84	49 062	2 268,922	12 691,941	5,594	5,127
14	35	98 499	49 748,715	915 758,507	18,408	17,941	64	85	44 939	1 979,267	10 423,019	5,266	4,800
15	36	98 445	47 353,775	866 009,792	18,288	17,822	65	86	40 639	1 704,650	8 443,752	4,953	4,487
16	37	98 381	45 069,376	818 656,017	18,164	17,698	66	87	36 255	1 448,364	6 739,102	4,653	4,187
17	38	98 303	42 889,167	773 586,641	18,037	17,570	67	88	31 794	1 209,671	5 290,738	4,374	3,907
18	39	98 215	40 810,255	730 697,474	17,905	17,438	68	89	27 407	993,105	4 081,066	4,109	3,643
19	40	98 103	38 822,496	689 887,219	17,770	17,304	69	90	23 078	796,418	3 087,962	3,877	3,411
20	41	97 985	36 929,638	651 064,723	17,630	17,163	70	91	19 097	627,656	2 291,544	3,651	3,185
21	42	97 854	35 123,992	614 135,084	17,485	17,018	71	92	15 346	480,360	1 663,888	3,464	2,997
22	43	97 714	33 403,585	579 011,092	17,334	16,867	72	93	12 132	361,672	1 183,528	3,272	2,806
23	44	97 562	31 763,476	545 607,508	17,177	16,711	73	94	9 357	265,659	821,857	3,094	2,627
24	45	97 402	30 201,156	513 844,031	17,014	16,548	74	95	7 027	190,012	556,198	2,927	2,461
25	46	97 224	28 710,425	483 642,875	16,846	16,379	75	96	5 126	131,991	366,186	2,774	2,308
26	47	97 033	27 289,731	454 932,451	16,670	16,204	76	97	3 628	88,970	234,195	2,632	2,166
27	48	96 818	25 932,646	427 642,720	16,491	16,024	77	98	2 487	58,082	145,225	2,500	2,034
28	49	96 586	24 638,477	401 710,074	16,304	15,838	78	99	1 647	36,637	87,143	2,379	1,912
29	50	96 329	23 402,862	377 071,596	16,112	15,646	79	100	1 052	22,279	50,505	2,267	1,801
30	51	96 054	22 224,714	353 668,735	15,913	15,447							
31	52	95 758	21 101,093	331 444,021	15,707	15,241							
32	53	95 427	20 026,803	310 342,928	15,496	15,030							
33	54	95 070	19 001,823	290 316,125	15,278	14,812							
34	55	94 694	18 025,453	271 314,302	15,052	14,585							
35	56	94 284	17 092,704	253 288,849	14,819	14,352							
36	57	93 849	16 203,736	236 196,145	14,577	14,110							
37	58	93 392	15 356,915	219 992,408	14,325	13,859							
38	59	92 891	14 547,284	204 635,493	14,067	13,601							
39	60	92 351	13 773,978	190 088,209	13,801	13,334							
40	61	91 748	13 032,398	176 314,231	13,529	13,063							
41	62	91 104	12 324,650	163 281,833	13,248	12,782							
42	63	90 405	11 647,750	150 957,183	12,960	12,494							
43	64	89 659	11 001,500	139 309,433	12,663	12,196							
44	65	88 841	10 382,068	128 307,933	12,359	11,892							
45	66	87 972	9 790,945	117 925,865	12,044	11,578							
46	67	87 026	9 224,467	108 134,919	11,723	11,256							
47	68	86 018	8 683,445	98 910,452	11,391	10,924							
48	69	84 937	8 166,001	90 227,007	11,049	10,583							
49	70	83 765	7 669,860	82 061,007	10,699	10,233							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß   5,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	22	99 406	99 406,360	1 937 876,125	19,494	19,028	50	72	81 434	7 101,347	71 167,462	10,022	9,555
1	23	99 000	94 285,391	1 838 469,765	19,499	19,033	51	73	79 934	6 638,606	64 066,115	9,651	9,184
2	24	98 945	89 745,709	1 744 184,375	19,435	18,968	52	74	78 262	6 190,245	57 427,509	9,277	8,811
3	25	98 906	85 438,698	1 654 438,666	19,364	18,898	53	75	76 421	5 756,808	51 237,264	8,900	8,434
4	26	98 870	81 340,976	1 568 999,968	19,289	18,823	54	76	74 369	5 335,414	45 480,456	8,524	8,058
5	27	98 834	77 438,977	1 487 658,992	19,211	18,744	55	77	72 098	4 926,192	40 145,043	8,149	7,683
6	28	98 797	73 723,628	1 410 220,015	19,128	18,662	56	78	69 625	4 530,679	35 218,850	7,773	7,307
7	29	98 761	70 187,807	1 336 496,388	19,042	18,575	57	79	66 901	4 146,116	30 688,172	7,402	6,935
8	30	98 725	66 820,845	1 266 308,580	18,951	18,484	58	80	63 953	3 774,707	26 542,055	7,032	6,565
9	31	98 689	63 615,589	1 199 487,735	18,855	18,389	59	81	60 743	3 414,519	22 767,348	6,668	6,201
10	32	98 651	60 563,220	1 135 872,146	18,755	18,289	60	82	57 300	3 067,606	19 352,829	6,309	5,842
11	33	98 607	57 653,659	1 075 308,926	18,651	18,185	61	83	53 578	2 731,738	16 285,223	5,961	5,495
12	34	98 563	54 883,460	1 017 655,267	18,542	18,076	62	84	49 657	2 411,275	13 553,485	5,621	5,154
13	35	98 510	52 241,944	962 771,807	18,429	17,963	63	85	45 514	2 104,843	11 142,209	5,294	4,827
14	36	98 460	49 728,927	910 529,863	18,310	17,843	64	86	41 220	1 815,474	9 037,366	4,978	4,512
15	37	98 398	47 331,271	860 800,936	18,187	17,720	65	87	36 810	1 544,033	7 221,893	4,677	4,211
16	38	98 328	45 045,324	813 469,664	18,059	17,593	66	88	32 329	1 291,518	5 677,859	4,396	3,930
17	39	98 248	42 865,290	768 424,341	17,926	17,460	67	89	27 906	1 061,744	4 386,341	4,131	3,665
18	40	98 150	40 783,257	725 559,051	17,791	17,324	68	90	23 529	852,564	3 324,597	3,900	3,433
19	41	98 033	38 795,079	684 775,794	17,651	17,185	69	91	19 506	673,136	2 472,033	3,672	3,206
20	42	97 907	36 900,039	645 980,715	17,506	17,040	70	92	15 704	516,130	1 798,898	3,485	3,019
21	43	97 767	35 092,729	609 080,675	17,356	16,890	71	93	12 442	389,464	1 282,768	3,294	2,827
22	44	97 614	33 369,382	573 987,947	17,201	16,735	72	94	9 618	286,714	893,304	3,116	2,649
23	45	97 453	31 727,801	540 618,565	17,039	16,573	73	95	7 244	205,651	606,590	2,950	2,483
24	46	97 278	30 162,824	508 890,765	16,871	16,405	74	96	5 305	143,449	400,939	2,795	2,329
25	47	97 087	28 669,968	478 727,941	16,698	16,231	75	97	3 769	97,052	257,490	2,653	2,187
26	48	96 875	27 245,109	450 057,972	16,519	16,052	76	98	2 595	63,634	160,438	2,521	2,055
27	49	96 647	25 886,786	422 812,863	16,333	15,867	77	99	1 728	40,356	96,804	2,399	1,932
28	50	96 387	24 587,780	396 926,077	16,143	15,677	78	100	1 110	24,697	56,448	2,286	1,819
29	51	96 117	23 351,305	372 338,297	15,945	15,479							
30	52	95 819	22 170,334	348 986,992	15,741	15,275							
31	53	95 495	21 043,163	326 816,658	15,531	15,064							
32	54	95 140	19 966,592	305 773,495	15,314	14,848							
33	55	94 766	18 941,184	285 806,903	15,089	14,623							
34	56	94 358	17 961,586	266 865,719	14,858	14,391							
35	57	93 928	17 028,227	248 904,133	14,617	14,151							
36	58	93 474	16 138,977	231 875,906	14,367	13,901							
37	59	92 980	15 289,156	215 736,929	14,110	13,644							
38	60	92 453	14 478,591	200 447,774	13,844	13,378							
39	61	91 853	13 699,745	185 969,182	13,575	13,108							
40	62	91 221	12 957,505	172 269,437	13,295	12,829							
41	63	90 529	12 246,910	159 311,932	13,008	12,542							
42	64	89 796	11 569,269	147 065,022	12,712	12,245							
43	65	89 000	10 920,646	135 495,753	12,407	11,941							
44	66	88 147	10 300,986	124 575,107	12,094	11,627							
45	67	87 219	9 707,191	114 274,122	11,772	11,306							
46	68	86 231	9 140,226	104 566,930	11,440	10,974							
47	69	85 183	8 599,124	95 426,704	11,097	10,631							
48	70	84 035	8 079,265	86 827,581	10,747	10,281							
49	71	82 793	7 580,853	78 748,316	10,388	9,921							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß   5,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	23	99 384	99 384,060	1 932 074,645	19,440	18,974	50	73	80 255	6 998,536	67 834,991	9,693	9,226
1	24	98 977	94 263,839	1 832 690,585	19,442	18,976	51	74	78 634	6 530,654	60 836,455	9,316	8,849
2	25	98 925	89 727,568	1 738 426,746	19,374	18,908	52	75	76 806	6 075,060	54 305,801	8,939	8,473
3	26	98 884	85 419,903	1 648 699,178	19,301	18,835	53	76	74 781	5 633,279	48 230,741	8,562	8,095
4	27	98 847	81 321,725	1 563 279,275	19,223	18,757	54	77	72 547	5 204,734	42 597,463	8,184	7,718
5	28	98 807	77 418,173	1 481 957,550	19,142	18,676	55	78	70 099	4 789,620	37 392,728	7,807	7,341
6	29	98 772	73 704,985	1 404 539,377	19,056	18,590	56	79	67 392	4 385,388	32 603,108	7,434	6,968
7	30	98 733	70 167,669	1 330 834,392	18,966	18,500	57	80	64 472	3 995,588	28 217,720	7,062	6,596
8	31	98 697	66 801,933	1 260 666,723	18,872	18,405	58	81	61 282	3 617,054	24 222,133	6,697	6,230
9	32	98 659	63 596,376	1 193 864,790	18,773	18,306	59	82	57 852	3 252,021	20 605,078	6,336	5,870
10	33	98 616	60 541,752	1 130 268,414	18,669	18,203	60	83	54 141	2 898,445	17 353,057	5,987	5,521
11	34	98 571	57 632,578	1 069 726,662	18,561	18,095	61	84	50 218	2 560,427	14 454,612	5,645	5,179
12	35	98 521	54 860,146	1 012 094,084	18,449	17,982	62	85	46 066	2 236,902	11 894,185	5,317	4,851
13	36	98 471	52 221,165	957 233,937	18,330	17,864	63	86	41 748	1 930,657	9 657,283	5,002	4,536
14	37	98 413	49 705,295	905 012,773	18,208	17,741	64	87	37 336	1 644,415	7 726,626	4,699	4,232
15	38	98 346	47 306,011	855 307,477	18,080	17,614	65	88	32 823	1 376,828	6 082,211	4,418	3,951
16	39	98 274	45 020,246	808 001,466	17,948	17,481	66	89	28 376	1 133,582	4 705,383	4,151	3,684
17	40	98 183	42 836,933	762 981,220	17,811	17,345	67	90	23 957	911,489	3 571,801	3,919	3,452
18	41	98 080	40 754,455	720 144,287	17,670	17,204	68	91	19 887	720,591	2 660,312	3,692	3,225
19	42	97 955	38 763,985	679 389,832	17,526	17,060	69	92	16 040	553,528	1 939,721	3,504	3,038
20	43	97 820	36 867,195	640 625,847	17,377	16,910	70	93	12 732	418,465	1 386,193	3,313	2,846
21	44	97 667	35 056,796	603 758,652	17,222	16,756	71	94	9 864	308,746	967,728	3,134	2,668
22	45	97 505	33 331,903	568 701,857	17,062	16,595	72	95	7 445	221,950	658,982	2,969	2,503
23	46	97 329	31 687,531	535 369,954	16,895	16,429	73	96	5 468	155,255	437,031	2,815	2,349
24	47	97 141	30 120,321	503 682,423	16,722	16,256	74	97	3 901	105,477	281,776	2,671	2,205
25	48	96 928	28 623,090	473 562,102	16,545	16,078	75	98	2 696	69,415	176,299	2,540	2,073
26	49	96 703	27 196,928	444 939,012	16,360	15,893	76	99	1 803	44,214	106,884	2,417	1,951
27	50	96 448	25 833,520	417 742,084	16,171	15,704	77	100	1 165	27,204	62,671	2,304	1,837
28	51	96 175	24 533,613	391 908,564	15,974	15,508							
29	52	95 882	23 294,169	367 374,951	15,771	15,305							
30	53	95 556	22 109,469	344 080,782	15,563	15,096							
31	54	95 208	20 979,896	321 971,313	15,347	14,880							
32	55	94 836	19 902,874	300 991,417	15,123	14,657							
33	56	94 431	18 874,072	281 088,543	14,893	14,426							
34	57	94 003	17 893,831	262 214,471	14,654	14,188							
35	58	93 553	16 960,172	244 320,640	14,406	13,939							
36	59	93 062	16 067,767	227 360,468	14,150	13,684							
37	60	92 541	15 216,960	211 292,701	13,885	13,419							
38	61	91 954	14 400,561	196 075,741	13,616	13,149							
39	62	91 326	13 621,017	181 675,180	13,338	12,871							
40	63	90 645	12 875,773	168 054,163	13,052	12,586							
41	64	89 919	12 164,392	155 178,390	12,757	12,290							
42	65	89 136	11 484,242	143 013,997	12,453	11,987							
43	66	88 305	10 835,357	131 529,756	12,139	11,673							
44	67	87 393	10 212,868	120 694,399	11,818	11,351							
45	68	86 423	9 618,542	110 481,530	11,486	11,020							
46	69	85 394	9 051,469	100 862,988	11,143	10,677							
47	70	84 278	8 507,788	91 811,519	10,791	10,325							
48	71	83 059	7 985,508	83 303,732	10,432	9,965							
49	72	81 727	7 483,233	75 318,224	10,065	9,599							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß   5,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	24	99 361	99 361,342	1 925 959,658	19,383	18,917	50	74	78 950	6 884,731	64 400,291	9,354	8,888
1	25	98 957	94 244,785	1 826 598,315	19,381	18,915	51	75	77 171	6 409,135	57 515,560	8,974	8,508
2	26	98 903	89 707,830	1 732 353,530	19,311	18,845	52	76	75 158	5 944,702	51 106,425	8,597	8,131
3	27	98 861	85 399,687	1 642 645,700	19,235	18,768	53	77	72 950	5 495,304	45 161,723	8,218	7,752
4	28	98 821	81 299,878	1 557 246,014	19,154	18,688	54	78	70 536	5 060,440	39 666,419	7,839	7,372
5	29	98 782	77 398,596	1 475 946,136	19,069	18,603	55	79	67 851	4 636,025	34 605,979	7,465	6,998
6	30	98 743	73 683,838	1 398 547,539	18,980	18,514	56	80	64 945	4 226,172	29 969,954	7,092	6,625
7	31	98 705	70 147,809	1 324 863,702	18,887	18,420	57	81	61 779	3 828,710	25 743,782	6,724	6,257
8	32	98 667	66 781,757	1 254 715,892	18,788	18,322	58	82	58 366	3 444,917	21 915,072	6,362	5,895
9	33	98 624	63 573,833	1 187 934,135	18,686	18,219	59	83	54 662	3 072,690	18 470,155	6,011	5,545
10	34	98 580	60 519,616	1 124 360,303	18,578	18,112	60	84	50 745	2 716,679	15 397,464	5,668	5,201
11	35	98 529	57 608,098	1 063 840,687	18,467	18,000	61	85	46 586	2 375,268	12 680,785	5,339	4,872
12	36	98 482	54 838,326	1 006 232,589	18,349	17,883	62	86	42 254	2 051,788	10 305,518	5,023	4,556
13	37	98 424	52 196,349	951 394,264	18,227	17,761	63	87	37 814	1 748,746	8 253,729	4,720	4,253
14	38	98 361	49 678,769	899 197,915	18,100	17,634	64	88	33 293	1 466,338	6 504,984	4,436	3,970
15	39	98 291	47 279,675	849 519,147	17,968	17,502	65	89	28 810	1 208,459	5 038,645	4,169	3,703
16	40	98 209	44 990,463	802 239,471	17,831	17,365	66	90	24 360	973,161	3 830,186	3,936	3,469
17	41	98 114	42 806,680	757 249,008	17,690	17,224	67	91	20 249	770,395	2 857,025	3,709	3,242
18	42	98 002	40 721,790	714 442,328	17,544	17,078	68	92	16 353	592,551	2 086,630	3,521	3,055
19	43	97 867	38 729,481	673 720,538	17,396	16,929	69	93	13 005	448,787	1 494,079	3,329	2,863
20	44	97 719	36 829,445	634 991,056	17,241	16,775	70	94	10 094	331,737	1 045,292	3,151	2,685
21	45	97 557	35 017,421	598 161,611	17,082	16,615	71	95	7 636	239,006	713,555	2,986	2,519
22	46	97 381	33 289,597	563 144,190	16,917	16,450	72	96	5 621	167,561	474,550	2,832	2,366
23	47	97 192	31 642,880	529 854,593	16,745	16,278	73	97	4 021	114,159	306,989	2,689	2,223
24	48	96 982	30 071,071	498 211,713	16,568	16,101	74	98	2 790	75,440	192,830	2,556	2,090
25	49	96 757	28 572,472	468 140,642	16,384	15,918	75	99	1 873	48,230	117,390	2,434	1,968
26	50	96 504	27 140,966	439 568,171	16,196	15,729	76	100	1 215	29,804	69,160	2,320	1,854
27	51	96 236	25 776,609	412 427,205	16,000	15,534							
28	52	95 940	24 473,584	386 650,595	15,799	15,332							
29	53	95 619	23 230,218	362 177,011	15,591	15,124							
30	54	95 269	22 042,996	338 946,793	15,377	14,910							
31	55	94 904	20 912,944	316 903,797	15,153	14,687							
32	56	94 500	19 832,355	295 990,853	14,925	14,458							
33	57	94 074	18 802,875	276 158,498	14,687	14,221							
34	58	93 627	17 822,317	257 355,623	14,440	13,974							
35	59	93 140	16 885,339	239 533,306	14,186	13,719							
36	60	92 622	15 991,895	222 647,967	13,923	13,456							
37	61	92 042	15 134,951	206 656,072	13,654	13,188							
38	62	91 426	14 317,805	191 521,122	13,376	12,910							
39	63	90 749	13 535,100	177 203,317	13,092	12,626							
40	64	90 035	12 789,018	163 668,216	12,798	12,331							
41	65	89 258	12 074,991	150 879,198	12,495	12,029							
42	66	88 440	11 394,551	138 804,207	12,182	11,715							
43	67	87 549	10 742,668	127 409,656	11,860	11,394							
44	68	86 595	10 119,601	116 666,987	11,529	11,062							
45	69	85 583	9 525,140	106 547,386	11,186	10,720							
46	70	84 487	8 955,328	97 022,246	10,834	10,368							
47	71	83 300	8 409,057	88 066,918	10,473	10,006							
48	72	81 990	7 882,677	79 657,860	10,105	9,639							
49	73	80 544	7 374,893	71 775,184	9,732	9,266							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß   5,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	25	99 341	99 341,258	1 919 517,009	19,322	18,856	50	75	77 481	6 756,623	60 871,149	9,009	8,543
1	26	98 935	94 224,053	1 820 175,752	19,318	18,851	51	76	75 515	6 271,608	54 114,525	8,628	8,162
2	27	98 879	89 686,599	1 725 951,699	19,244	18,778	52	77	73 317	5 799,099	47 842,917	8,250	7,784
3	28	98 834	85 376,744	1 636 265,100	19,165	18,699	53	78	70 927	5 342,954	42 043,818	7,869	7,403
4	29	98 796	81 279,320	1 550 888,355	19,081	18,615	54	79	68 274	4 898,160	36 700,865	7,493	7,026
5	30	98 754	77 376,389	1 469 609,036	18,993	18,527	55	80	65 388	4 467,710	31 802,704	7,118	6,652
6	31	98 715	73 662,983	1 392 232,647	18,900	18,434	56	81	62 233	4 049,664	27 334,994	6,750	6,284
7	32	98 675	70 126,623	1 318 569,664	18,803	18,336	57	82	58 839	3 646,500	23 285,330	6,386	5,919
8	33	98 632	66 758,085	1 248 443,041	18,701	18,235	58	83	55 147	3 254,950	19 638,830	6,034	5,567
9	34	98 588	63 550,588	1 181 684,956	18,594	18,128	59	84	51 234	2 879,997	16 383,881	5,689	5,222
10	35	98 538	60 493,909	1 118 134,368	18,483	18,017	60	85	47 076	2 520,221	13 503,883	5,358	4,892
11	36	98 490	57 585,184	1 057 640,460	18,367	17,900	61	86	42 731	2 178,703	10 983,663	5,041	4,575
12	37	98 435	54 812,266	1 000 055,276	18,245	17,779	62	87	38 273	1 858,463	8 804,960	4,738	4,271
13	38	98 371	52 168,492	945 243,011	18,119	17,653	63	88	33 719	1 559,371	6 946,496	4,455	3,988
14	39	98 306	49 651,112	893 074,518	17,987	17,521	64	89	29 221	1 287,024	5 387,125	4,186	3,719
15	40	98 226	47 248,398	843 423,407	17,851	17,384	65	90	24 733	1 037,442	4 100,101	3,952	3,486
16	41	98 139	44 958,690	796 175,009	17,709	17,243	66	91	20 589	822,520	3 062,659	3,724	3,257
17	42	98 035	42 772,371	751 216,320	17,563	17,097	67	92	16 651	633,506	2 240,139	3,536	3,070
18	43	97 915	40 685,545	708 443,949	17,413	16,946	68	93	13 259	480,425	1 606,633	3,344	2,878
19	44	97 767	38 689,825	667 758,404	17,259	16,793	69	94	10 309	355,774	1 126,208	3,166	2,699
20	45	97 610	36 788,080	629 068,580	17,100	16,633	70	95	7 814	256,803	770,434	3,000	2,534
21	46	97 433	34 972,976	592 280,499	16,935	16,469	71	96	5 765	180,437	513,630	2,847	2,380
22	47	97 244	33 242,688	557 307,523	16,765	16,298	72	97	4 133	123,207	333,194	2,704	2,238
23	48	97 033	31 591,140	524 064,835	16,589	16,123	73	98	2 876	81,650	209,987	2,572	2,105
24	49	96 811	30 017,892	492 473,695	16,406	15,940	74	99	1 939	52,417	128,338	2,448	1,982
25	50	96 557	28 513,680	462 455,803	16,219	15,752	75	100	1 263	32,512	75,921	2,335	1,869
26	51	96 292	27 081,175	433 942,124	16,024	15,557							
27	52	96 000	25 713,539	406 860,949	15,823	15,356							
28	53	95 676	24 406,395	381 147,410	15,617	15,150							
29	54	95 331	23 160,375	356 741,015	15,403	14,937							
30	55	94 965	21 972,652	333 580,639	15,182	14,715							
31	56	94 568	20 838,846	311 607,988	14,953	14,487							
32	57	94 144	19 757,543	290 769,141	14,717	14,250							
33	58	93 698	18 727,729	271 011,598	14,471	14,005							
34	59	93 214	17 743,680	252 283,870	14,218	13,752							
35	60	92 700	16 805,606	234 540,190	13,956	13,490							
36	61	92 123	15 905,709	217 734,584	13,689	13,223							
37	62	91 513	15 047,974	201 828,876	13,412	12,946							
38	63	90 849	14 227,494	186 780,901	13,128	12,662							
39	64	90 138	13 443,903	172 553,408	12,835	12,369							
40	65	89 373	12 695,026	159 109,505	12,533	12,067							
41	66	88 561	11 980,687	146 414,479	12,221	11,754							
42	67	87 683	11 297,079	134 433,792	11,900	11,433							
43	68	86 750	10 644,563	123 136,712	11,568	11,102							
44	69	85 754	10 021,334	112 492,149	11,225	10,759							
45	70	84 674	9 423,969	102 470,816	10,873	10,407							
46	71	83 506	8 851,404	93 046,847	10,512	10,046							
47	72	82 227	8 300,772	84 195,443	10,143	9,677							
48	73	80 803	7 768,553	75 894,671	9,769	9,303							
49	74	79 234	7 254,968	68 126,117	9,390	8,924							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß   5,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	49	93 528	8 155,988	117 353,092	14,389	13,922
1	0	99 613	94 869,732	1 909 286,424	20,125	19,659	51	50	92 962	7 720,612	109 197,103	14,144	13,677
2	1	99 267	90 037,802	1 814 416,692	20,152	19,685	52	51	92 318	7 302,055	101 476,491	13,897	13,431
3	2	99 222	85 711,472	1 724 378,890	20,118	19,652	53	52	91 632	6 902,594	94 174,436	13,643	13,177
4	3	99 193	81 606,466	1 638 667,418	20,080	19,614	54	53	90 876	6 519,665	87 271,843	13,386	12,920
5	4	99 169	77 701,440	1 557 060,952	20,039	19,573	55	54	90 041	6 152,199	80 752,178	13,126	12,659
6	5	99 146	73 984,558	1 479 359,513	19,996	19,529	56	55	89 147	5 801,021	74 599,979	12,860	12,393
7	6	99 126	70 446,918	1 405 374,955	19,949	19,483	57	56	88 183	5 465,078	68 798,958	12,589	12,122
8	7	99 109	67 080,932	1 334 928,037	19,900	19,434	58	57	87 144	5 143,487	63 333,880	12,313	11,847
9	8	99 092	63 875,798	1 267 847,105	19,849	19,382	59	58	86 032	4 836,074	58 190,394	12,033	11,566
10	9	99 077	60 824,836	1 203 971,307	19,794	19,328	60	59	84 835	4 541,704	53 354,319	11,748	11,281
11	10	99 062	57 919,242	1 143 146,471	19,737	19,271	61	60	83 557	4 260,270	48 812,615	11,458	10,991
12	11	99 046	55 152,535	1 085 227,229	19,677	19,210	62	61	82 179	3 990,476	44 552,345	11,165	10,698
13	12	99 027	52 516,178	1 030 074,694	19,614	19,148	63	62	80 727	3 733,313	40 561,869	10,865	10,398
14	13	99 008	50 005,836	977 558,516	19,549	19,082	64	63	79 204	3 488,439	36 828,555	10,557	10,091
15	14	98 984	47 613,192	927 552,680	19,481	19,015	65	64	77 561	3 253,422	33 340,116	10,248	9,781
16	15	98 956	45 332,910	879 939,488	19,411	18,944	66	65	75 832	3 029,408	30 086,695	9,932	9,465
17	16	98 918	43 157,559	834 606,578	19,339	18,872	67	66	73 995	2 815,267	27 057,287	9,611	9,145
18	17	98 869	41 082,190	791 449,019	19,265	18,799	68	67	72 050	2 610,740	24 242,020	9,285	8,819
19	18	98 806	39 100,781	750 366,829	19,191	18,724	69	68	70 025	2 416,536	21 631,280	8,951	8,485
20	19	98 735	37 212,139	711 266,048	19,114	18,647	70	69	67 893	2 231,384	19 214,744	8,611	8,145
21	20	98 661	35 413,754	674 053,909	19,034	18,567	71	70	65 643	2 054,684	16 983,360	8,266	7,799
22	21	98 586	33 701,675	638 640,154	18,950	18,483	72	71	63 263	1 885,919	14 928,676	7,916	7,449
23	22	98 513	32 073,064	604 938,479	18,861	18,395	73	72	60 756	1 724,922	13 042,757	7,561	7,095
24	23	98 440	30 522,958	572 865,415	18,768	18,302	74	73	58 089	1 570,672	11 317,835	7,206	6,739
25	24	98 362	29 046,576	542 342,457	18,671	18,205	75	74	55 209	1 421,716	9 747,163	6,856	6,390
26	25	98 288	27 642,619	513 295,881	18,569	18,103	76	75	52 153	1 279,072	8 325,447	6,509	6,043
27	26	98 209	26 305,220	485 653,261	18,462	17,996	77	76	48 910	1 142,415	7 046,375	6,168	5,702
28	27	98 124	25 030,808	459 348,041	18,351	17,885	78	77	45 482	1 011,752	5 903,960	5,835	5,369
29	28	98 039	23 818,139	434 317,234	18,235	17,768	79	78	41 885	887,374	4 892,208	5,513	5,047
30	29	97 949	22 663,293	410 499,095	18,113	17,647	80	79	38 156	769,873	4 004,834	5,202	4,736
31	30	97 859	21 564,088	387 835,802	17,985	17,519	81	80	34 379	660,627	3 234,961	4,897	4,430
32	31	97 761	20 516,759	366 271,714	17,852	17,386	82	81	30 543	558,968	2 574,334	4,606	4,139
33	32	97 660	19 519,510	345 754,955	17,713	17,247	83	82	26 753	466,288	2 015,366	4,322	3,856
34	33	97 551	18 569,235	326 235,445	17,569	17,102	84	83	23 055	382,711	1 549,077	4,048	3,581
35	34	97 438	17 664,497	307 666,210	17,417	16,951	85	84	19 488	308,084	1 166,366	3,786	3,319
36	35	97 314	16 802,059	290 001,713	17,260	16,793	86	85	16 114	242,625	858,282	3,537	3,071
37	36	97 190	15 981,506	273 199,654	17,095	16,628	87	86	12 994	186,322	615,656	3,304	2,838
38	37	97 052	15 198,814	257 218,148	16,924	16,457	88	87	10 178	138,992	429,334	3,089	2,623
39	38	96 893	14 451,433	242 019,335	16,747	16,281	89	88	7 730	100,532	290,343	2,888	2,422
40	39	96 728	13 739,816	227 567,901	16,563	16,096	90	89	5 649	69,980	189,811	2,712	2,246
41	40	96 540	13 060,107	213 828,085	16,373	15,906	91	90	3 996	47,146	119,831	2,542	2,075
42	41	96 340	12 412,390	200 767,979	16,175	15,708	92	91	2 703	30,367	72,685	2,394	1,927
43	42	96 115	11 793,784	188 355,588	15,971	15,504	93	92	1 742	18,637	42,318	2,271	1,804
44	43	95 859	11 202,167	176 561,804	15,761	15,295	94	93	1 081	11,014	23,681	2,150	1,684
45	44	95 570	10 636,603	165 359,637	15,546	15,080	95	94	640	6,207	12,667	2,041	1,574
46	45	95 251	10 096,308	154 723,034	15,325	14,858	96	95	360	3,327	6,460	1,942	1,475
47	46	94 895	9 579,573	144 626,727	15,097	14,631	97	96	192	1,692	3,133	1,852	1,385
48	47	94 488	9 084,247	135 047,154	14,866	14,400	98	97	97	0,814	1,441	1,770	1,304
49	48	94 031	8 609,815	125 962,906	14,630	14,164	99	98	46	0,370	0,627	1,696	1,230
							100	99	21	0,158	0,257	1,629	1,163

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß   5,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	48	93 694	8 170,437	118 218,988	14,469	14,003
1							51	49	93 154	7 736,531	110 048,551	14,225	13,758
2	0	99 581	90 322,561	1 815 924,087	20,105	19,638	52	50	92 522	7 318,177	102 312,020	13,981	13,514
3	1	99 248	85 734,103	1 725 601,526	20,127	19,661	53	51	91 856	6 919,524	94 993,843	13,728	13,262
4	2	99 208	81 618,622	1 639 867,423	20,092	19,625	54	52	91 126	6 537,613	88 074,318	13,472	13,006
5	3	99 180	77 710,123	1 558 248,801	20,052	19,586	55	53	90 313	6 170,751	81 536,706	13,213	12,747
6	4	99 158	73 993,376	1 480 538,678	20,009	19,543	56	54	89 432	5 819,593	75 365,954	12,950	12,484
7	5	99 136	70 454,039	1 406 545,302	19,964	19,498	57	55	88 497	5 484,511	69 546,362	12,681	12,214
8	6	99 118	67 086,775	1 336 091,263	19,916	19,449	58	56	87 474	5 162,963	64 061,851	12,408	11,942
9	7	99 101	63 881,281	1 269 004,488	19,865	19,399	59	57	86 378	4 855,480	58 898,889	12,130	11,664
10	8	99 085	60 829,316	1 205 123,208	19,812	19,345	60	58	85 211	4 561,832	54 043,409	11,847	11,380
11	9	99 068	57 923,238	1 144 293,892	19,755	19,289	61	59	83 954	4 280,483	49 481,577	11,560	11,093
12	10	99 053	55 156,449	1 086 370,654	19,696	19,230	62	60	82 624	4 012,099	45 201,094	11,266	10,800
13	11	99 035	52 520,378	1 031 214,205	19,635	19,168	63	61	81 194	3 754,892	41 188,995	10,969	10,503
14	12	99 016	50 009,862	978 693,826	19,570	19,104	64	62	79 707	3 510,582	37 434,103	10,663	10,197
15	13	98 993	47 617,457	928 683,965	19,503	19,037	65	63	78 087	3 275,491	33 923,521	10,357	9,890
16	14	98 967	45 337,824	881 066,507	19,433	18,967	66	64	76 393	3 051,837	30 648,030	10,042	9,576
17	15	98 930	43 162,988	835 728,683	19,362	18,896	67	65	74 577	2 837,427	27 596,193	9,726	9,259
18	16	98 884	41 088,512	792 565,695	19,289	18,823	68	66	72 672	2 633,266	24 758,766	9,402	8,936
19	17	98 822	39 107,057	751 477,183	19,216	18,749	69	67	70 671	2 438,808	22 125,500	9,072	8,606
20	18	98 757	37 220,641	712 370,126	19,139	18,673	70	68	68 559	2 253,265	19 686,692	8,737	8,271
21	19	98 682	35 421,070	675 149,485	19,061	18,594	71	69	66 347	2 076,742	17 433,427	8,395	7,928
22	20	98 608	33 709,159	639 728,415	18,978	18,511	72	70	64 006	1 908,062	15 356,685	8,048	7,582
23	21	98 534	32 079,778	606 019,256	18,891	18,425	73	71	61 548	1 747,423	13 448,623	7,696	7,230
24	22	98 462	30 529,806	573 939,478	18,799	18,333	74	72	58 942	1 593,746	11 701,200	7,342	6,876
25	23	98 385	29 053,217	543 409,672	18,704	18,238	75	73	56 122	1 445,216	10 107,454	6,994	6,527
26	24	98 308	27 648,208	514 356,454	18,604	18,137	76	74	53 142	1 303,324	8 662,238	6,646	6,180
27	25	98 231	26 311,008	486 708,246	18,498	18,032	77	75	49 983	1 167,467	7 358,914	6,303	5,837
28	26	98 147	25 036,733	460 397,238	18,389	17,922	78	76	46 624	1 037,155	6 191,447	5,970	5,503
29	27	98 065	23 824,539	435 360,505	18,274	17,807	79	77	43 080	912,677	5 154,293	5,647	5,181
30	28	97 974	22 669,025	411 535,966	18,154	17,688	80	78	39 420	795,380	4 241,616	5,333	4,866
31	29	97 887	21 570,277	388 866,941	18,028	17,562	81	79	35 674	685,515	3 446,236	5,027	4,561
32	30	97 789	20 522,568	367 296,664	17,897	17,431	82	80	31 874	583,332	2 760,721	4,733	4,266
33	31	97 689	19 525,407	346 774,096	17,760	17,294	83	81	28 089	489,588	2 177,389	4,447	3,981
34	32	97 585	18 575,819	327 248,689	17,617	17,151	84	82	24 401	405,047	1 687,801	4,167	3,701
35	33	97 473	17 670,958	308 672,870	17,468	17,001	85	83	20 792	328,697	1 282,754	3,903	3,436
36	34	97 356	16 809,199	291 001,912	17,312	16,846	86	84	17 371	261,539	954,056	3,648	3,181
37	35	97 229	15 987,865	274 192,713	17,150	16,684	87	85	14 166	203,132	692,518	3,409	2,943
38	36	97 098	15 206,040	258 204,847	16,980	16,514	88	86	11 236	153,450	489,385	3,189	2,723
39	37	96 945	14 459,150	242 998,808	16,806	16,339	89	87	8 668	112,741	335,935	2,980	2,513
40	38	96 782	13 747,470	228 539,658	16,624	16,158	90	88	6 437	79,730	223,194	2,799	2,333
41	39	96 604	13 068,752	214 792,188	16,436	15,969	91	89	4 655	54,918	143,465	2,612	2,146
42	40	96 408	12 421,163	201 723,436	16,240	15,774	92	90	3 198	35,929	88,547	2,465	1,998
43	41	96 193	11 803,245	189 302,273	16,038	15,572	93	91	2 118	22,664	52,618	2,322	1,855
44	42	95 944	11 212,146	177 499,029	15,831	15,365	94	92	1 333	13,584	29,954	2,205	1,739
45	43	95 668	10 647,505	166 286,882	15,617	15,151	95	93	807	7,830	16,370	2,091	1,624
46	44	95 358	10 107,660	155 639,377	15,398	14,932	96	94	465	4,298	8,540	1,987	1,521
47	45	95 016	9 591,747	145 531,717	15,173	14,706	97	95	255	2,241	4,242	1,893	1,426
48	46	94 621	9 097,066	135 939,970	14,943	14,477	98	96	132	1,107	2,001	1,807	1,341
49	47	94 185	8 623,916	126 842,904	14,708	14,242	99	97	65	0,517	0,894	1,730	1,264
							100	98	30	0,227	0,377	1,660	1,193

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 5,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	47	93 847	8 183,818	119 017,716	14,543	14,077
1							51	48	93 319	7 750,237	110 833,897	14,301	13,834
2							52	49	92 713	7 333,266	103 083,660	14,057	13,591
3	0	99 562	86 005,251	1 726 997,423	20,080	19,614	53	50	92 059	6 934,802	95 750,394	13,807	13,341
4	1	99 234	81 640,172	1 640 992,172	20,100	19,634	54	51	91 349	6 553,648	88 815,592	13,552	13,086
5	2	99 195	77 721,699	1 559 352,000	20,063	19,597	55	52	90 561	6 187,739	82 261,944	13,294	12,828
6	3	99 169	74 001,645	1 481 630,301	20,022	19,555	56	53	89 702	5 837,142	76 074,205	13,033	12,566
7	4	99 148	70 462,437	1 407 628,657	19,977	19,511	57	54	88 780	5 502,069	70 237,063	12,766	12,299
8	5	99 128	67 093,556	1 337 166,220	19,930	19,463	58	55	87 785	5 181,321	64 734,994	12,494	12,028
9	6	99 109	63 886,844	1 270 072,664	19,880	19,414	59	56	86 705	4 873,865	59 553,673	12,219	11,753
10	7	99 093	60 834,537	1 206 185,819	19,827	19,361	60	57	85 553	4 580,137	54 679,808	11,938	11,472
11	8	99 076	57 927,504	1 145 351,283	19,772	19,306	61	58	84 326	4 299,453	50 099,672	11,653	11,186
12	9	99 060	55 160,255	1 087 423,779	19,714	19,247	62	59	83 016	4 031,134	45 800,218	11,362	10,895
13	10	99 042	52 524,106	1 032 263,524	19,653	19,187	63	60	81 634	3 775,238	41 769,084	11,064	10,598
14	11	99 024	50 013,861	979 739,418	19,589	19,123	64	61	80 167	3 530,873	37 993,846	10,760	10,294
15	12	99 001	47 621,291	929 725,557	19,523	19,057	65	62	78 583	3 296,283	34 462,973	10,455	9,989
16	13	98 976	45 341,886	882 104,266	19,455	18,988	66	63	76 911	3 072,539	31 166,690	10,144	9,677
17	14	98 941	43 167,667	836 762,380	19,384	18,918	67	64	75 130	2 858,434	28 094,151	9,829	9,362
18	15	98 897	41 093,681	793 594,713	19,312	18,845	68	65	73 244	2 653,993	25 235,716	9,509	9,042
19	16	98 837	39 113,075	752 501,032	19,239	18,773	69	66	71 280	2 459,851	22 581,723	9,180	8,714
20	17	98 773	37 226,615	713 387,957	19,163	18,697	70	67	69 191	2 274,032	20 121,872	8,849	8,382
21	18	98 704	35 429,163	676 161,342	19,085	18,618	71	68	66 998	2 097,106	17 847,841	8,511	8,044
22	19	98 628	33 716,122	640 732,179	19,004	18,537	72	69	64 693	1 928,546	15 750,734	8,167	7,701
23	20	98 556	32 086,901	607 016,057	18,918	18,451	73	70	62 271	1 767,940	13 822,188	7,818	7,352
24	21	98 482	30 536,197	574 929,156	18,828	18,361	74	71	59 711	1 614,537	12 054,249	7,466	7,000
25	22	98 407	29 059,736	544 392,959	18,734	18,267	75	72	56 946	1 466,447	10 439,712	7,119	6,653
26	23	98 330	27 654,529	515 333,222	18,635	18,168	76	73	54 021	1 324,868	8 973,265	6,773	6,307
27	24	98 251	26 316,327	487 678,693	18,531	18,065	77	74	50 930	1 189,602	7 648,397	6,429	5,963
28	25	98 169	25 042,242	461 362,366	18,423	17,957	78	75	47 646	1 059,898	6 458,795	6,094	5,627
29	26	98 088	23 830,179	436 320,124	18,310	17,843	79	76	44 161	935,592	5 398,897	5,771	5,304
30	27	98 001	22 675,117	412 489,945	18,191	17,725	80	77	40 544	818,059	4 463,305	5,456	4,990
31	28	97 912	21 575,733	389 814,828	18,067	17,601	81	78	36 856	708,227	3 645,245	5,147	4,681
32	29	97 817	20 528,458	368 239,095	17,938	17,472	82	79	33 075	605,308	2 937,019	4,852	4,386
33	30	97 717	19 530,935	347 710,637	17,803	17,337	83	80	29 314	510,927	2 331,711	4,564	4,097
34	31	97 615	18 581,431	328 179,702	17,662	17,195	84	81	25 620	425,287	1 820,784	4,281	3,815
35	32	97 508	17 677,224	309 598,271	17,514	17,048	85	82	22 005	347,881	1 395,497	4,011	3,545
36	33	97 391	16 815,347	291 921,047	17,360	16,894	86	83	18 533	279,038	1 047,616	3,754	3,288
37	34	97 270	15 994,660	275 105,699	17,200	16,733	87	84	15 270	218,967	768,578	3,510	3,044
38	35	97 136	15 212,090	259 111,040	17,033	16,567	88	85	12 250	167,295	549,611	3,285	2,819
39	36	96 991	14 466,024	243 898,949	16,860	16,394	89	86	9 570	124,469	382,317	3,072	2,605
40	37	96 834	13 754,810	229 432,925	16,680	16,214	90	87	7 218	89,412	257,848	2,884	2,417
41	38	96 658	13 076,032	215 678,115	16,494	16,028	91	88	5 304	62,569	168,436	2,692	2,226
42	39	96 472	12 429,385	202 602,083	16,300	15,834	92	89	3 725	41,852	105,866	2,530	2,063
43	40	96 260	11 811,586	190 172,698	16,101	15,634	93	90	2 506	26,815	64,015	2,387	1,921
44	41	96 021	11 221,140	178 361,111	15,895	15,429	94	91	1 621	16,520	37,200	2,252	1,785
45	42	95 753	10 656,991	167 139,971	15,684	15,217	95	92	995	9,657	20,680	2,141	1,675
46	43	95 456	10 118,020	156 482,980	15,466	14,999	96	93	587	5,422	11,023	2,033	1,567
47	44	95 122	9 602,532	146 364,960	15,242	14,776	97	94	329	2,895	5,601	1,935	1,468
48	45	94 741	9 108,627	136 762,428	15,015	14,548	98	95	175	1,466	2,706	1,846	1,379
49	46	94 318	8 636,085	127 653,801	14,781	14,315	99	96	88	0,703	1,240	1,765	1,298
							100	97	42	0,318	0,537	1,691	1,225

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß   5,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	46	93 980	8 195,367	119 752,912	14,612	14,146
1							51	47	93 472	7 762,930	111 557,545	14,371	13,904
2							52	48	92 877	7 346,257	103 794,615	14,129	13,663
3							53	49	92 249	6 949,101	96 448,357	13,879	13,413
4	0	99 548	81 898,372	1 642 284,203	20,053	19,586	54	50	91 551	6 568,118	89 499,257	13,626	13,160
5	1	99 221	77 742,220	1 560 385,831	20,071	19,605	55	51	90 784	6 202,916	82 931,139	13,370	12,903
6	2	99 184	74 012,668	1 482 643,611	20,032	19,566	56	52	89 949	5 853,211	76 728,223	13,109	12,642
7	3	99 159	70 470,310	1 408 630,943	19,989	19,523	57	53	89 048	5 518,661	70 875,012	12,843	12,376
8	4	99 140	67 101,553	1 338 160,632	19,942	19,476	58	54	88 066	5 197,908	65 356,351	12,574	12,107
9	5	99 119	63 893,302	1 271 059,079	19,893	19,427	59	55	87 013	4 891,195	60 158,442	12,299	11,833
10	6	99 102	60 839,835	1 207 165,777	19,842	19,375	60	56	85 877	4 597,479	55 267,247	12,021	11,555
11	7	99 084	57 932,476	1 146 325,941	19,787	19,321	61	57	84 664	4 316,705	50 669,767	11,738	11,272
12	8	99 067	55 164,317	1 088 393,465	19,730	19,264	62	58	83 384	4 048,999	46 353,062	11,448	10,982
13	9	99 049	52 527,730	1 033 229,148	19,670	19,204	63	59	82 021	3 793,149	42 304,062	11,153	10,686
14	10	99 031	50 017,411	980 701,418	19,607	19,141	64	60	80 602	3 550,006	38 510,913	10,848	10,382
15	11	99 009	47 625,099	930 684,007	19,542	19,075	65	61	79 037	3 315,335	34 960,908	10,545	10,079
16	12	98 984	45 345,536	883 058,908	19,474	19,008	66	62	77 400	3 092,043	31 645,572	10,235	9,768
17	13	98 950	43 171,534	837 713,372	19,404	18,938	67	63	75 639	2 877,825	28 553,530	9,922	9,456
18	14	98 908	41 098,136	794 541,838	19,333	18,866	68	64	73 786	2 673,643	25 675,705	9,603	9,137
19	15	98 849	39 117,996	753 443,702	19,261	18,794	69	65	71 842	2 479,213	23 002,062	9,278	8,812
20	16	98 788	37 232,344	714 325,706	19,186	18,719	70	66	69 788	2 293,652	20 522,849	8,948	8,481
21	17	98 720	35 434,849	677 093,362	19,108	18,642	71	67	67 615	2 116,434	18 229,197	8,613	8,147
22	18	98 651	33 723,825	641 658,513	19,027	18,560	72	68	65 328	1 947,457	16 112,762	8,274	7,807
23	19	98 576	32 093,530	607 934,688	18,943	18,476	73	69	62 940	1 786,920	14 165,306	7,927	7,461
24	20	98 504	30 542,978	575 841,159	18,853	18,387	74	70	60 412	1 633,443	12 378,386	7,578	7,111
25	21	98 427	29 065,820	545 298,181	18,761	18,294	75	71	57 689	1 485,577	10 744,893	7,233	6,766
26	22	98 353	27 660,735	516 232,361	18,663	18,197	76	72	54 814	1 344,331	9 259,316	6,888	6,421
27	23	98 273	26 322,344	488 571,627	18,561	18,095	77	73	51 772	1 209,266	7 914,985	6,545	6,079
28	24	98 189	25 047,305	462 249,283	18,455	17,989	78	74	48 550	1 079,994	6 705,719	6,209	5,743
29	25	98 110	23 835,422	437 201,978	18,343	17,876	79	75	45 130	956,108	5 625,725	5,884	5,418
30	26	98 024	22 680,484	413 366,556	18,226	17,759	80	76	41 562	838,599	4 669,617	5,568	5,102
31	27	97 938	21 581,531	390 686,071	18,103	17,636	81	77	37 907	728,421	3 831,018	5,259	4,793
32	28	97 842	20 533,650	369 104,541	17,976	17,509	82	78	34 171	625,362	3 102,596	4,961	4,495
33	29	97 745	19 536,541	348 570,890	17,842	17,376	83	79	30 418	530,176	2 477,234	4,672	4,206
34	30	97 642	18 586,692	329 034,350	17,703	17,236	84	80	26 737	443,823	1 947,059	4,387	3,921
35	31	97 537	17 682,565	310 447,658	17,557	17,090	85	81	23 105	365,264	1 503,235	4,115	3,649
36	32	97 426	16 821,310	292 765,093	17,404	16,938	86	82	19 614	295,323	1 137,971	3,853	3,387
37	33	97 306	16 000,510	275 943,783	17,246	16,780	87	83	16 292	233,618	842,648	3,607	3,141
38	34	97 178	15 218,555	259 943,273	17,081	16,614	88	84	13 205	180,336	609,031	3,377	2,911
39	35	97 030	14 471,781	244 724,718	16,910	16,444	89	85	10 433	135,698	428,695	3,159	2,693
40	36	96 880	13 761,350	230 252,938	16,732	16,265	90	86	7 969	98,713	292,997	2,968	2,502
41	37	96 709	13 083,014	216 491,588	16,548	16,081	91	87	5 948	70,168	194,283	2,769	2,302
42	38	96 525	12 436,309	203 408,574	16,356	15,890	92	88	4 244	47,682	124,115	2,603	2,137
43	39	96 324	11 819,405	190 972,265	16,158	15,691	93	89	2 919	31,235	76,433	2,447	1,981
44	40	96 089	11 229,070	179 152,860	15,954	15,488	94	90	1 918	19,545	45,198	2,312	1,846
45	41	95 830	10 665,539	167 923,789	15,745	15,278	95	91	1 210	11,744	25,653	2,184	1,718
46	42	95 541	10 127,034	157 258,250	15,529	15,062	96	92	723	6,687	13,909	2,080	1,614
47	43	95 220	9 612,375	147 131,216	15,306	14,840	97	93	415	3,652	7,222	1,978	1,511
48	44	94 848	9 118,869	137 518,841	15,081	14,614	98	94	226	1,894	3,570	1,885	1,418
49	45	94 437	8 647,060	128 399,972	14,849	14,383	99	95	117	0,931	1,676	1,800	1,334
							100	96	57	0,432	0,745	1,724	1,257

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß   5,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5	0	99 535	77 988,092	1 561 581,282	20,023	19,557
6	1	99 210	74 032,210	1 483 593,190	20,040	19,573
7	2	99 174	70 480,808	1 409 560,980	19,999	19,533
8	3	99 151	67 109,052	1 339 080,172	19,954	19,487
9	4	99 131	63 900,918	1 271 971,120	19,905	19,439
10	5	99 112	60 845,985	1 208 070,202	19,855	19,388
11	6	99 093	57 937,522	1 147 224,217	19,801	19,335
12	7	99 076	55 169,052	1 089 286,695	19,745	19,278
13	8	99 056	52 531,598	1 034 117,643	19,686	19,219
14	9	99 038	50 020,861	981 586,044	19,624	19,157
15	10	99 016	47 628,480	931 565,183	19,559	19,093
16	11	98 992	45 349,163	883 936,703	19,492	19,025
17	12	98 958	43 175,010	838 587,541	19,423	18,957
18	13	98 916	41 101,817	795 412,531	19,352	18,886
19	14	98 860	39 122,236	754 310,714	19,281	18,814
20	15	98 801	37 237,028	715 188,478	19,206	18,740
21	16	98 735	35 440,302	677 951,450	19,129	18,663
22	17	98 667	33 729,238	642 511,147	19,049	18,583
23	18	98 599	32 100,862	608 781,910	18,965	18,498
24	19	98 525	30 549,287	576 681,048	18,877	18,411
25	20	98 449	29 072,273	546 131,760	18,785	18,319
26	21	98 373	27 666,525	517 059,487	18,689	18,223
27	22	98 295	26 328,250	489 392,962	18,588	18,122
28	23	98 211	25 053,031	463 064,712	18,483	18,017
29	24	98 130	23 840,241	438 011,680	18,373	17,906
30	25	98 045	22 685,475	414 171,439	18,257	17,791
31	26	97 961	21 586,639	391 485,964	18,136	17,669
32	27	97 868	20 539,168	369 899,325	18,009	17,543
33	28	97 770	19 541,482	349 360,157	17,878	17,411
34	29	97 670	18 592,026	329 818,675	17,740	17,273
35	30	97 565	17 687,571	311 226,648	17,596	17,129
36	31	97 455	16 826,392	293 539,077	17,445	16,979
37	32	97 340	16 006,184	276 712,686	17,288	16,821
38	33	97 213	15 224,121	260 706,502	17,125	16,658
39	34	97 071	14 477,930	245 482,381	16,956	16,489
40	35	96 918	13 766,826	231 004,450	16,780	16,313
41	36	96 755	13 089,234	217 237,624	16,597	16,130
42	37	96 577	12 442,949	204 148,390	16,407	15,940
43	38	96 378	11 825,989	191 705,441	16,211	15,744
44	39	96 152	11 236,504	179 879,452	16,008	15,542
45	40	95 898	10 673,077	168 642,948	15,801	15,334
46	41	95 618	10 135,158	157 969,871	15,586	15,120
47	42	95 305	9 620,938	147 834,713	15,366	14,900
48	43	94 945	9 128,216	138 213,775	15,141	14,675
49	44	94 544	8 656,783	129 085,560	14,911	14,445
50	45	94 099	8 205,782	120 428,776	14,676	14,210
51	46	93 604	7 773,885	112 222,995	14,436	13,969
52	47	93 029	7 358,289	104 449,110	14,195	13,728
53	48	92 412	6 961,411	97 090,821	13,947	13,481
54	49	91 740	6 581,660	90 129,410	13,694	13,228
55	50	90 984	6 216,611	83 547,749	13,439	12,973
56	51	90 169	5 867,568	77 331,138	13,179	12,713
57	52	89 293	5 533,853	71 463,570	12,914	12,447
58	53	88 332	5 213,583	65 929,716	12,646	12,179
59	54	87 291	4 906,854	60 716,133	12,374	11,907
60	55	86 183	4 613,827	55 809,279	12,096	11,630
61	56	84 985	4 333,051	51 195,452	11,815	11,349
62	57	83 719	4 065,247	46 862,401	11,528	11,061
63	58	82 385	3 809,960	42 797,155	11,233	10,767
64	59	80 984	3 566,848	38 987,195	10,930	10,464
65	60	79 466	3 333,300	35 420,346	10,626	10,160
66	61	77 847	3 109,914	32 087,047	10,318	9,851
67	62	76 119	2 896,092	28 977,132	10,006	9,539
68	63	74 287	2 691,780	26 081,040	9,689	9,223
69	64	72 373	2 497,569	23 389,260	9,365	8,898
70	65	70 337	2 311,706	20 891,692	9,037	8,571
71	66	68 199	2 134,695	18 579,985	8,704	8,237
72	67	65 930	1 965,405	16 445,290	8,367	7,901
73	68	63 557	1 804,442	14 479,885	8,025	7,558
74	69	61 061	1 651,029	12 675,443	7,677	7,211
75	70	58 366	1 503,019	11 024,413	7,335	6,868
76	71	55 529	1 361,868	9 521,394	6,991	6,525
77	72	52 533	1 227,031	8 159,526	6,650	6,183
78	73	49 352	1 097,846	6 932,495	6,315	5,848
79	74	45 985	974,237	5 834,649	5,989	5,523
80	75	42 474	856,988	4 860,413	5,672	5,205
81	76	38 858	746,710	4 003,425	5,361	4,895
82	77	35 145	643,194	3 256,714	5,063	4,597
83	78	31 426	547,741	2 613,521	4,771	4,305
84	79	27 744	460,544	2 065,780	4,486	4,019
85	80	24 112	381,185	1 605,236	4,211	3,745
86	81	20 595	310,080	1 224,051	3,948	3,481
87	82	17 243	247,252	913,972	3,697	3,230
88	83	14 089	192,401	666,719	3,465	2,999
89	84	11 247	146,276	474,318	3,243	2,776
90	85	8 688	107,619	328,042	3,048	2,582
91	86	6 567	77,467	220,422	2,845	2,379
92	87	4 759	53,473	142,955	2,673	2,207
93	88	3 326	35,587	89,482	2,514	2,048
94	89	2 234	22,767	53,895	2,367	1,901
95	90	1 432	13,895	31,128	2,240	1,774
96	91	880	8,132	17,233	2,119	1,653
97	92	512	4,504	9,101	2,021	1,554
98	93	285	2,389	4,597	1,924	1,458
99	94	151	1,202	2,208	1,836	1,370
100	95	75	0,572	1,005	1,756	1,290

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß   5,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	44	94 205	8 215,008	121 049,257	14,735	14,269
1							51	45	93 723	7 783,764	112 834,249	14,496	14,030
2							52	46	93 161	7 368,672	105 050,485	14,256	13,790
3							53	47	92 564	6 972,813	97 681,813	14,009	13,543
4							54	48	91 902	6 593,320	90 709,000	13,758	13,291
5							55	49	91 172	6 229,429	84 115,680	13,503	13,037
6	0	99 524	74 266,349	1 484 699,005	19,992	19,525	56	50	90 368	5 880,523	77 886,250	13,245	12,778
7	1	99 200	70 499,417	1 410 432,657	20,006	19,540	57	51	89 512	5 547,427	72 005,727	12,980	12,514
8	2	99 165	67 119,048	1 339 933,239	19,964	19,497	58	52	88 575	5 227,936	66 458,300	12,712	12,246
9	3	99 142	63 908,059	1 272 814,191	19,916	19,450	59	53	87 555	4 921,651	61 230,364	12,441	11,975
10	4	99 124	60 853,238	1 208 906,132	19,866	19,400	60	54	86 458	4 628,598	56 308,713	12,165	11,699
11	5	99 103	57 943,379	1 148 052,894	19,813	19,347	61	55	85 287	4 348,458	51 680,115	11,885	11,418
12	6	99 084	55 173,307	1 090 109,516	19,758	19,291	62	56	84 036	4 080,640	47 331,657	11,599	11,133
13	7	99 065	52 536,107	1 034 935,658	19,700	19,233	63	57	82 715	3 825,248	43 251,018	11,307	10,840
14	8	99 045	50 024,546	982 399,551	19,638	19,172	64	58	81 343	3 582,656	39 425,770	11,005	10,538
15	9	99 023	47 631,765	932 375,006	19,575	19,108	65	59	79 843	3 349,114	35 843,114	10,702	10,236
16	10	98 999	45 352,381	884 743,240	19,508	19,042	66	60	78 269	3 126,766	32 494,000	10,392	9,926
17	11	98 966	43 178,463	839 390,859	19,440	18,974	67	61	76 559	2 912,831	29 367,234	10,082	9,616
18	12	98 924	41 105,126	796 212,396	19,370	18,904	68	62	74 758	2 708,867	26 454,402	9,766	9,299
19	13	98 869	39 125,741	755 107,270	19,300	18,833	69	63	72 864	2 514,511	23 745,536	9,443	8,977
20	14	98 812	37 241,064	715 981,529	19,226	18,759	70	64	70 858	2 328,822	21 231,025	9,117	8,650
21	15	98 748	35 444,761	678 740,465	19,149	18,683	71	65	68 736	2 151,498	18 902,203	8,786	8,319
22	16	98 682	33 734,429	643 295,704	19,069	18,603	72	66	66 499	1 982,363	16 750,705	8,450	7,983
23	17	98 614	32 106,014	609 561,275	18,986	18,519	73	67	64 143	1 821,073	14 768,342	8,110	7,643
24	18	98 547	30 556,261	577 455,261	18,898	18,432	74	68	61 660	1 667,219	12 947,270	7,766	7,299
25	19	98 469	29 078,279	546 898,995	18,808	18,341	75	69	58 993	1 519,155	11 280,051	7,425	6,959
26	20	98 395	27 672,668	517 820,715	18,712	18,246	76	70	56 181	1 377,857	9 760,895	7,084	6,618
27	21	98 316	26 333,762	490 148,047	18,613	18,147	77	71	53 218	1 243,038	8 383,038	6,744	6,278
28	22	98 233	25 058,653	463 814,286	18,509	18,043	78	72	50 077	1 113,974	7 140,000	6,409	5,943
29	23	98 152	23 845,692	438 755,633	18,400	17,933	79	73	46 745	990,341	6 026,026	6,085	5,618
30	24	98 065	22 690,061	414 909,941	18,286	17,820	80	74	43 279	873,237	5 035,686	5,767	5,300
31	25	97 983	21 591,389	392 219,880	18,166	17,699	81	75	39 711	763,084	4 162,449	5,455	4,988
32	26	97 891	20 544,030	370 628,491	18,041	17,574	82	76	36 027	659,343	3 399,364	5,156	4,689
33	27	97 796	19 546,733	350 084,460	17,910	17,444	83	77	32 322	563,359	2 740,021	4,864	4,397
34	28	97 695	18 596,729	330 537,727	17,774	17,308	84	78	28 663	475,802	2 176,662	4,575	4,108
35	29	97 593	17 692,647	311 940,998	17,631	17,165	85	79	25 020	395,545	1 700,860	4,300	3,834
36	30	97 483	16 831,156	294 248,351	17,482	17,016	86	80	21 492	323,595	1 305,315	4,034	3,567
37	31	97 370	16 011,019	277 417,195	17,327	16,860	87	81	18 104	259,607	981,720	3,782	3,315
38	32	97 248	15 229,520	261 406,176	17,164	16,698	88	82	14 911	203,630	722,113	3,546	3,080
39	33	97 106	14 483,226	246 176,656	16,997	16,531	89	83	11 999	156,063	518,483	3,322	2,856
40	34	96 959	13 772,676	231 693,430	16,823	16,356	90	84	9 365	116,009	362,419	3,124	2,658
41	35	96 794	13 094,443	217 920,754	16,642	16,176	91	85	7 159	84,456	246,411	2,918	2,451
42	36	96 623	12 448,865	204 826,311	16,453	15,987	92	86	5 254	59,036	161,955	2,743	2,277
43	37	96 429	11 832,304	192 377,446	16,259	15,792	93	87	3 730	39,909	102,919	2,579	2,112
44	38	96 206	11 242,763	180 545,142	16,059	15,592	94	88	2 545	25,939	63,010	2,429	1,963
45	39	95 961	10 680,142	169 302,380	15,852	15,386	95	89	1 668	16,185	37,071	2,290	1,824
46	40	95 685	10 142,320	158 622,237	15,640	15,173	96	90	1 041	9,621	20,886	2,171	1,704
47	41	95 381	9 628,655	148 479,917	15,421	14,954	97	91	622	5,477	11,264	2,057	1,590
48	42	95 030	9 136,348	138 851,262	15,198	14,731	98	92	352	2,947	5,787	1,964	1,497
49	43	94 641	8 665,656	129 714,914	14,969	14,502	99	93	190	1,517	2,840	1,872	1,406
							100	94	97	0,739	1,323	1,790	1,323

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß   5,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7	0	99 513	70 722,383	1 411 455,411	19,958	19,491
8	1	99 192	67 136,770	1 340 733,028	19,970	19,504
9	2	99 157	63 917,579	1 273 596,258	19,926	19,459
10	3	99 135	60 860,038	1 209 678,679	19,876	19,410
11	4	99 115	57 950,285	1 148 818,641	19,824	19,358
12	5	99 094	55 179,434	1 090 868,356	19,769	19,303
13	6	99 073	52 540,683	1 035 688,922	19,712	19,246
14	7	99 054	50 028,839	983 148,238	19,652	19,185
15	8	99 030	47 635,273	933 119,399	19,589	19,122
16	9	99 005	45 355,510	885 484,126	19,523	19,057
17	10	98 973	43 181,527	840 128,616	19,456	18,989
18	11	98 932	41 108,414	796 947,088	19,386	18,920
19	12	98 877	39 128,891	755 838,675	19,317	18,850
20	13	98 820	37 244,401	716 709,784	19,243	18,777
21	14	98 758	35 448,603	679 465,383	19,168	18,701
22	15	98 694	33 738,673	644 016,780	19,088	18,622
23	16	98 630	32 110,955	610 278,108	19,005	18,539
24	17	98 563	30 561,171	578 167,153	18,918	18,452
25	18	98 492	29 084,922	547 605,982	18,828	18,361
26	19	98 415	27 678,385	518 521,059	18,734	18,267
27	20	98 338	26 339,609	490 842,675	18,635	18,169
28	21	98 254	25 063,898	464 503,066	18,533	18,066
29	22	98 174	23 851,043	439 439,167	18,424	17,958
30	23	98 088	22 695,249	415 588,125	18,312	17,845
31	24	98 002	21 595,754	392 892,876	18,193	17,727
32	25	97 913	20 548,551	371 297,122	18,069	17,603
33	26	97 819	19 551,360	350 748,571	17,940	17,473
34	27	97 721	18 601,726	331 197,211	17,805	17,338
35	28	97 618	17 697,122	312 595,484	17,664	17,197
36	29	97 511	16 835,986	294 898,362	17,516	17,050
37	30	97 397	16 015,552	278 062,376	17,362	16,896
38	31	97 277	15 234,121	262 046,824	17,201	16,735
39	32	97 141	14 488,362	246 812,703	17,035	16,569
40	33	96 995	13 777,714	232 324,341	16,862	16,396
41	34	96 835	13 100,007	218 546,627	16,683	16,217
42	35	96 661	12 453,819	205 446,620	16,497	16,030
43	36	96 475	11 837,929	192 992,801	16,303	15,837
44	37	96 257	11 248,766	181 154,872	16,104	15,638
45	38	96 015	10 686,092	169 906,106	15,900	15,433
46	39	95 749	10 149,034	159 220,014	15,688	15,222
47	40	95 449	9 635,460	149 070,980	15,471	15,005
48	41	95 106	9 143,677	139 435,520	15,249	14,783
49	42	94 725	8 673,376	130 291,843	15,022	14,556
50	43	94 301	8 223,429	121 618,467	14,789	14,323
51	44	93 828	7 792,516	113 395,038	14,552	14,085
52	45	93 279	7 378,037	105 602,522	14,313	13,847
53	46	92 694	6 982,652	98 224,485	14,067	13,601
54	47	92 053	6 604,119	91 241,833	13,816	13,349
55	48	91 333	6 240,465	84 637,714	13,563	13,096
56	49	90 555	5 892,648	78 397,249	13,304	12,838
57	50	89 710	5 559,675	72 504,601	13,041	12,575
58	51	88 792	5 240,759	66 944,926	12,774	12,307
59	52	87 796	4 935,200	61 704,167	12,503	12,036
60	53	86 719	4 642,556	56 768,967	12,228	11,762
61	54	85 560	4 362,379	52 126,411	11,949	11,483
62	55	84 335	4 095,149	47 764,032	11,664	11,197
63	56	83 028	3 839,732	43 668,883	11,373	10,906
64	57	81 669	3 597,032	39 829,151	11,073	10,606
65	58	80 196	3 363,957	36 232,119	10,771	10,304
66	59	78 640	3 141,600	32 868,162	10,462	9,996
67	60	76 974	2 928,615	29 726,561	10,150	9,684
68	61	75 190	2 724,524	26 797,946	9,836	9,369
69	62	73 327	2 530,472	24 073,423	9,513	9,047
70	63	71 338	2 344,619	21 542,951	9,188	8,722
71	64	69 244	2 167,427	19 198,331	8,858	8,391
72	65	67 022	1 997,967	17 030,904	8,524	8,058
73	66	64 696	1 836,785	15 032,937	8,184	7,718
74	67	62 228	1 682,585	13 196,152	7,843	7,376
75	68	59 571	1 534,052	11 513,567	7,505	7,039
76	69	56 784	1 392,649	9 979,515	7,166	6,699
77	70	53 843	1 257,632	8 586,866	6,828	6,361
78	71	50 730	1 128,506	7 329,234	6,495	6,028
79	72	47 432	1 004,889	6 200,728	6,171	5,704
80	73	43 994	887,671	5 195,838	5,853	5,387
81	74	40 463	777,553	4 308,167	5,541	5,074
82	75	36 818	673,801	3 530,614	5,240	4,773
83	76	33 133	577,504	2 856,813	4,947	4,480
84	77	29 481	489,369	2 279,309	4,658	4,191
85	78	25 849	408,650	1 789,940	4,380	3,914
86	79	22 302	335,786	1 381,290	4,114	3,647
87	80	18 894	270,922	1 045,504	3,859	3,393
88	81	15 656	213,806	774,582	3,623	3,156
89	82	12 699	165,172	560,776	3,395	2,929
90	83	9 992	123,770	395,605	3,196	2,730
91	84	7 717	91,040	271,834	2,986	2,519
92	85	5 729	64,362	180,795	2,809	2,343
93	86	4 118	44,060	116,433	2,643	2,176
94	87	2 854	29,089	72,372	2,488	2,022
95	88	1 900	18,440	43,283	2,347	1,881
96	89	1 212	11,207	24,843	2,217	1,750
97	90	736	6,481	13,635	2,104	1,638
98	91	427	3,584	7,155	1,996	1,530
99	92	234	1,871	3,571	1,909	1,443
100	93	123	0,933	1,700	1,823	1,357

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß   5,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	42	94 385	8 230,755	122 139,975	14,839	14,373
1							51	43	93 924	7 800,503	113 909,220	14,603	14,136
2							52	44	93 384	7 386,333	106 108,717	14,366	13,899
3							53	45	92 812	6 991,526	98 722,384	14,120	13,654
4							54	46	92 183	6 613,438	91 730,858	13,870	13,404
5							55	47	91 483	6 250,686	85 117,420	13,617	13,151
6							56	48	90 715	5 903,087	78 866,735	13,360	12,894
7							57	49	89 895	5 571,138	72 963,647	13,097	12,630
8	0	99 505	67 349,101	1 341 678,926	19,921	19,455	58	50	88 988	5 252,330	67 392,509	12,831	12,365
9	1	99 183	63 934,455	1 274 329,825	19,932	19,465	59	51	88 011	4 947,305	62 140,179	12,560	12,094
10	2	99 149	60 869,104	1 210 395,370	19,885	19,419	60	52	86 958	4 655,337	57 192,874	12,285	11,819
11	3	99 126	57 956,761	1 149 526,266	19,834	19,368	61	53	85 818	4 375,534	52 537,537	12,007	11,541
12	4	99 106	55 186,011	1 091 569,506	19,780	19,313	62	54	84 605	4 108,260	48 162,003	11,723	11,257
13	5	99 083	52 545,994	1 036 383,494	19,723	19,257	63	55	83 324	3 853,385	44 053,743	11,432	10,966
14	6	99 062	50 033,197	983 837,500	19,664	19,197	64	56	81 979	3 610,652	40 200,358	11,134	10,667
15	7	99 039	47 639,362	933 804,303	19,602	19,135	65	57	80 518	3 377,455	36 589,706	10,834	10,367
16	8	99 013	45 358,851	886 164,941	19,537	19,070	66	58	78 989	3 155,524	33 212,251	10,525	10,059
17	9	98 980	43 184,506	840 806,090	19,470	19,004	67	59	77 339	2 942,509	30 056,727	10,215	9,748
18	10	98 939	41 111,331	797 621,584	19,402	18,935	68	60	75 598	2 739,287	27 114,218	9,898	9,432
19	11	98 885	39 132,020	756 510,253	19,332	18,866	69	61	73 751	2 545,098	24 374,931	9,577	9,111
20	12	98 828	37 247,399	717 378,233	19,260	18,793	70	62	71 791	2 359,502	21 829,833	9,252	8,785
21	13	98 767	35 451,779	680 130,834	19,185	18,718	71	63	69 714	2 182,130	19 470,331	8,923	8,456
22	14	98 705	33 742,330	644 679,055	19,106	18,640	72	64	67 518	2 012,760	17 288,200	8,589	8,123
23	15	98 642	32 114,995	610 936,725	19,023	18,557	73	65	65 205	1 851,243	15 275,441	8,251	7,785
24	16	98 578	30 565,874	578 821,731	18,937	18,470	74	66	62 765	1 697,102	13 424,198	7,910	7,444
25	17	98 508	29 089,591	548 255,856	18,847	18,381	75	67	60 120	1 548,190	11 727,096	7,575	7,108
26	18	98 438	27 684,708	519 166,266	18,753	18,286	76	68	57 341	1 406,305	10 178,905	7,238	6,772
27	19	98 358	26 345,050	491 481,558	18,656	18,189	77	69	54 421	1 271,134	8 772,600	6,901	6,435
28	20	98 276	25 069,464	465 136,508	18,554	18,088	78	70	51 326	1 141,756	7 501,466	6,570	6,104
29	21	98 195	23 856,035	440 067,044	18,447	17,980	79	71	48 051	1 017,998	6 359,711	6,247	5,781
30	22	98 110	22 700,341	416 211,009	18,335	17,869	80	72	44 641	900,712	5 341,712	5,931	5,464
31	23	98 025	21 600,692	393 510,667	18,218	17,751	81	73	41 132	790,406	4 441,001	5,619	5,152
32	24	97 932	20 552,705	371 909,976	18,095	17,629	82	74	37 516	686,577	3 650,595	5,317	4,851
33	25	97 841	19 555,662	351 357,271	17,967	17,501	83	75	33 860	590,168	2 964,018	5,022	4,556
34	26	97 744	18 606,130	331 801,608	17,833	17,367	84	76	30 221	501,656	2 373,850	4,732	4,266
35	27	97 644	17 701,878	313 195,479	17,693	17,226	85	77	26 586	420,302	1 872,194	4,454	3,988
36	28	97 536	16 840,245	295 493,601	17,547	17,080	86	78	23 041	346,911	1 451,892	4,185	3,719
37	29	97 425	16 020,149	278 653,356	17,394	16,928	87	79	19 605	281,129	1 104,981	3,931	3,464
38	30	97 305	15 238,434	262 633,207	17,235	16,769	88	80	16 338	223,125	823,853	3,692	3,226
39	31	97 170	14 492,739	247 394,773	17,070	16,604	89	81	13 334	173,425	600,728	3,464	2,998
40	32	97 029	13 782,599	232 902,034	16,898	16,432	90	82	10 575	130,994	427,303	3,262	2,796
41	33	96 871	13 104,799	219 119,435	16,721	16,254	91	83	8 233	97,131	296,309	3,051	2,584
42	34	96 702	12 459,111	206 014,636	16,535	16,069	92	84	6 175	69,379	199,178	2,871	2,404
43	35	96 514	11 842,640	193 555,525	16,344	15,878	93	85	4 489	48,035	129,799	2,702	2,236
44	36	96 303	11 254,114	181 712,886	16,146	15,680	94	86	3 151	32,115	81,764	2,546	2,080
45	37	96 066	10 691,798	170 458,771	15,943	15,477	95	87	2 131	20,680	49,648	2,401	1,934
46	38	95 802	10 154,688	159 766,974	15,733	15,267	96	88	1 381	12,769	28,969	2,269	1,802
47	39	95 512	9 641,839	149 612,286	15,517	15,051	97	89	858	7,549	16,200	2,146	1,680
48	40	95 173	9 150,139	139 970,447	15,297	14,831	98	90	506	4,240	8,651	2,040	1,574
49	41	94 801	8 680,334	130 820,309	15,071	14,604	99	91	285	2,275	4,411	1,939	1,472
							100	92	151	1,150	2,136	1,857	1,390

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß   5,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	41	94 461	8 237,357	122 617,473	14,886	14,419
1							51	42	94 008	7 807,453	114 380,116	14,650	14,184
2							52	43	93 480	7 393,904	106 572,664	14,414	13,947
3							53	44	92 917	6 999,387	99 178,760	14,170	13,703
4							54	45	92 300	6 621,842	92 179,372	13,921	13,454
5							55	46	91 612	6 259,506	85 557,530	13,668	13,202
6							56	47	90 864	5 912,755	79 298,024	13,411	12,945
7							57	48	90 054	5 581,008	73 385,269	13,149	12,683
8							58	49	89 171	5 263,160	67 804,261	12,883	12,416
9	0	99 497	64 136,658	1 275 204,690	19,883	19,416	59	50	88 205	4 958,228	62 541,101	12,614	12,147
10	1	99 176	60 885,175	1 211 068,032	19,891	19,425	60	51	87 171	4 666,755	57 582,873	12,339	11,873
11	2	99 140	57 965,394	1 150 182,856	19,843	19,376	61	52	86 054	4 387,580	52 916,118	12,060	11,594
12	3	99 117	55 192,178	1 092 217,462	19,789	19,323	62	53	84 860	4 120,649	48 528,538	11,777	11,311
13	4	99 095	52 552,257	1 037 025,284	19,733	19,267	63	54	83 590	3 865,722	44 407,889	11,488	11,021
14	5	99 072	50 038,254	984 473,026	19,674	19,208	64	55	82 270	3 623,491	40 542,168	11,189	10,722
15	6	99 047	47 643,511	934 434,772	19,613	19,147	65	56	80 823	3 390,244	36 918,677	10,890	10,423
16	7	99 021	45 362,744	886 791,261	19,549	19,082	66	57	79 306	3 168,185	33 528,433	10,583	10,116
17	8	98 987	43 187,687	841 428,517	19,483	19,017	67	58	77 682	2 955,550	30 360,248	10,272	9,806
18	9	98 946	41 114,168	798 240,830	19,415	18,949	68	59	75 957	2 752,283	27 404,697	9,957	9,491
19	10	98 892	39 134,797	757 126,662	19,347	18,880	69	60	74 150	2 558,889	24 652,415	9,634	9,168
20	11	98 836	37 250,378	717 991,865	19,275	18,808	70	61	72 206	2 373,140	22 093,526	9,310	8,843
21	12	98 775	35 454,633	680 741,487	19,200	18,734	71	62	70 157	2 195,982	19 720,385	8,980	8,514
22	13	98 714	33 745,353	645 286,854	19,122	18,656	72	63	67 976	2 026,413	17 524,404	8,648	8,182
23	14	98 653	32 118,476	611 541,502	19,040	18,574	73	64	65 688	1 864,949	15 497,990	8,310	7,844
24	15	98 590	30 569,720	579 423,026	18,954	18,488	74	65	63 259	1 710,461	13 633,041	7,970	7,504
25	16	98 523	29 094,067	548 853,306	18,865	18,398	75	66	60 639	1 561,548	11 922,580	7,635	7,169
26	17	98 454	27 689,151	519 759,239	18,771	18,305	76	67	57 870	1 419,267	10 361,032	7,300	6,834
27	18	98 381	26 351,069	492 070,087	18,674	18,207	77	68	54 955	1 283,598	8 941,766	6,966	6,500
28	19	98 296	25 074,643	465 719,019	18,573	18,107	78	69	51 877	1 154,013	7 658,167	6,636	6,170
29	20	98 216	23 861,332	440 644,376	18,467	18,000	79	70	48 615	1 029,950	6 504,154	6,315	5,849
30	21	98 130	22 705,093	416 783,044	18,356	17,890	80	71	45 223	912,462	5 474,204	5,999	5,533
31	22	98 047	21 605,539	394 077,950	18,240	17,773	81	72	41 737	802,017	4 561,742	5,688	5,221
32	23	97 955	20 557,404	372 472,412	18,119	17,652	82	73	38 136	697,926	3 759,725	5,387	4,921
33	24	97 860	19 559,616	351 915,008	17,992	17,526	83	74	34 502	601,357	3 061,799	5,091	4,625
34	25	97 766	18 610,224	332 355,392	17,859	17,392	84	75	30 884	512,657	2 460,442	4,799	4,333
35	26	97 667	17 706,068	313 745,168	17,720	17,253	85	76	27 253	430,855	1 947,785	4,521	4,054
36	27	97 562	16 844,770	296 039,100	17,575	17,108	86	77	23 698	356,803	1 516,930	4,251	3,785
37	28	97 450	16 024,201	279 194,330	17,423	16,957	87	78	20 255	290,443	1 160,127	3,994	3,528
38	29	97 333	15 242,807	263 170,129	17,265	16,799	88	79	16 954	231,530	869,685	3,756	3,290
39	30	97 198	14 496,842	247 927,322	17,102	16,636	89	80	13 915	180,984	638,154	3,526	3,060
40	31	97 059	13 786,763	233 430,480	16,931	16,465	90	81	11 104	137,540	457,170	3,324	2,858
41	32	96 905	13 109,446	219 643,717	16,755	16,288	91	82	8 714	102,800	319,631	3,109	2,643
42	33	96 738	12 463,668	206 534,271	16,571	16,105	92	83	6 588	74,021	216,831	2,929	2,463
43	34	96 555	11 847,672	194 070,603	16,380	15,914	93	84	4 839	51,780	142,810	2,758	2,292
44	35	96 341	11 258,592	182 222,930	16,185	15,719	94	85	3 436	35,013	91,030	2,600	2,134
45	36	96 112	10 696,881	170 964,338	15,983	15,516	95	86	2 352	22,831	56,017	2,454	1,987
46	37	95 853	10 160,110	160 267,457	15,774	15,308	96	87	1 549	14,320	33,186	2,318	1,851
47	38	95 565	9 647,209	150 107,347	15,560	15,093	97	88	977	8,601	18,867	2,194	1,727
48	39	95 236	9 156,196	140 460,137	15,340	14,874	98	89	589	4,939	10,266	2,079	1,612
49	40	94 868	8 686,468	131 303,941	15,116	14,650	99	90	337	2,691	5,327	1,979	1,513
							100	91	184	1,399	2,636	1,884	1,418

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß   5,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10	0	99 489	61 077,734	1 211 877,304	19,842	19,375
11	1	99 167	57 980,699	1 150 799,569	19,848	19,382
12	2	99 132	55 200,400	1 092 818,870	19,797	19,331
13	3	99 106	52 558,130	1 037 618,470	19,742	19,276
14	4	99 084	50 044,219	985 060,341	19,684	19,217
15	5	99 057	47 648,328	935 016,122	19,623	19,157
16	6	99 030	45 366,695	887 367,794	19,560	19,093
17	7	98 995	43 191,394	842 001,100	19,495	19,028
18	8	98 953	41 117,196	798 809,706	19,428	18,961
19	9	98 899	39 137,497	757 692,510	19,360	18,893
20	10	98 843	37 253,022	718 555,013	19,289	18,822
21	11	98 783	35 457,468	681 301,991	19,215	18,748
22	12	98 722	33 748,069	645 844,523	19,137	18,671
23	13	98 661	32 121,353	612 096,454	19,056	18,589
24	14	98 601	30 573,033	579 975,100	18,970	18,504
25	15	98 535	29 097,728	549 402,067	18,881	18,415
26	16	98 469	27 693,413	520 304,340	18,788	18,322
27	17	98 396	26 355,298	492 610,927	18,691	18,225
28	18	98 318	25 080,371	466 255,629	18,590	18,124
29	19	98 237	23 866,262	441 175,257	18,485	18,019
30	20	98 152	22 710,135	417 308,996	18,375	17,909
31	21	98 067	21 610,061	394 598,861	18,260	17,794
32	22	97 977	20 562,017	372 988,800	18,140	17,673
33	23	97 883	19 564,088	352 426,783	18,014	17,548
34	24	97 786	18 613,986	332 862,695	17,882	17,416
35	25	97 688	17 709,964	314 248,709	17,744	17,278
36	26	97 585	16 848,757	296 538,745	17,600	17,134
37	27	97 476	16 028,507	279 689,987	17,450	16,983
38	28	97 357	15 246,663	263 661,480	17,293	16,827
39	29	97 226	14 501,003	248 414,818	17,131	16,664
40	30	97 086	13 790,666	233 913,815	16,962	16,495
41	31	96 934	13 113,406	220 123,149	16,786	16,320
42	32	96 772	12 468,088	207 009,742	16,603	16,137
43	33	96 590	11 852,006	194 541,654	16,414	15,948
44	34	96 382	11 263,377	182 689,648	16,220	15,753
45	35	96 150	10 701,137	171 426,272	16,019	15,553
46	36	95 899	10 164,941	160 725,134	15,812	15,345
47	37	95 616	9 652,361	150 560,194	15,598	15,132
48	38	95 289	9 161,296	140 907,833	15,381	14,914
49	39	94 931	8 692,219	131 746,537	15,157	14,690
50	40	94 528	8 243,178	123 054,318	14,928	14,462
51	41	94 083	7 813,715	114 811,140	14,694	14,227
52	42	93 563	7 400,491	106 997,425	14,458	13,992
53	43	93 012	7 006,562	99 596,934	14,215	13,748
54	44	92 404	6 629,288	92 590,372	13,967	13,500
55	45	91 728	6 267,461	85 961,084	13,715	13,249
56	46	90 992	5 921,099	79 693,623	13,459	12,993
57	47	90 201	5 590,148	73 772,524	13,197	12,730
58	48	89 329	5 272,484	68 182,376	12,932	12,465
59	49	88 387	4 968,452	62 909,892	12,662	12,195
60	50	87 364	4 677,059	57 941,441	12,388	11,922
61	51	86 265	4 398,342	53 264,382	12,110	11,644
62	52	85 093	4 131,992	48 866,040	11,826	11,360
63	53	83 842	3 877,379	44 734,048	11,537	11,071
64	54	82 534	3 635,091	40 856,669	11,240	10,773
65	55	81 110	3 402,299	37 221,578	10,940	10,474
66	56	79 606	3 180,182	33 819,279	10,634	10,168
67	57	77 994	2 967,410	30 639,097	10,325	9,859
68	58	76 293	2 764,481	27 671,687	10,010	9,543
69	59	74 502	2 571,029	24 907,207	9,688	9,221
70	60	72 597	2 385,999	22 336,177	9,361	8,895
71	61	70 562	2 208,674	19 950,178	9,033	8,566
72	62	68 408	2 039,276	17 741,504	8,700	8,234
73	63	66 134	1 877,600	15 702,228	8,363	7,897
74	64	63 727	1 723,125	13 824,627	8,023	7,557
75	65	61 116	1 573,840	12 101,503	7,689	7,223
76	66	58 369	1 431,512	10 527,663	7,354	6,888
77	67	55 461	1 295,429	9 096,151	7,022	6,555
78	68	52 386	1 165,329	7 800,722	6,694	6,228
79	69	49 137	1 041,007	6 635,393	6,374	5,908
80	70	45 754	923,175	5 594,386	6,060	5,594
81	71	42 281	812,480	4 671,211	5,749	5,283
82	72	38 696	708,179	3 858,731	5,449	4,982
83	73	35 072	611,298	3 150,552	5,154	4,687
84	74	31 469	522,377	2 539,255	4,861	4,395
85	75	27 851	440,303	2 016,878	4,581	4,114
86	76	24 293	365,761	1 576,575	4,310	3,844
87	77	20 832	298,725	1 210,813	4,053	3,587
88	78	17 515	239,201	912,089	3,813	3,347
89	79	14 439	187,802	672,888	3,583	3,117
90	80	11 588	143,534	485,086	3,380	2,913
91	81	9 149	107,936	341,551	3,164	2,698
92	82	6 973	78,341	233,615	2,982	2,516
93	83	5 163	55,244	155,274	2,811	2,344
94	84	3 704	37,742	100,029	2,650	2,184
95	85	2 565	24,891	62,287	2,502	2,036
96	86	1 710	15,809	37,396	2,365	1,899
97	87	1 096	9,645	21,587	2,238	1,772
98	88	671	5,627	11,942	2,122	1,656
99	89	393	3,135	6,315	2,014	1,548
100	90	218	1,655	3,180	1,921	1,455

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß   5,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11	0	99 480	58 164,072	1 151 548,315	19,798	19,332
12	1	99 158	55 214,975	1 093 384,243	19,802	19,336
13	2	99 121	52 565,959	1 038 169,269	19,750	19,283
14	3	99 095	50 049,811	985 603,309	19,692	19,226
15	4	99 069	47 654,007	935 553,499	19,632	19,166
16	5	99 040	45 371,281	887 899,492	19,570	19,103
17	6	99 004	43 195,156	842 528,211	19,505	19,039
18	7	98 962	41 120,725	799 333,055	19,439	18,972
19	8	98 906	39 140,380	758 212,331	19,372	18,905
20	9	98 850	37 255,592	719 071,951	19,301	18,835
21	10	98 790	35 459,985	681 816,359	19,228	18,761
22	11	98 730	33 750,768	646 356,374	19,151	18,684
23	12	98 669	32 123,939	612 605,606	19,070	18,604
24	13	98 610	30 575,772	580 481,667	18,985	18,519
25	14	98 546	29 100,882	549 905,895	18,897	18,430
26	15	98 481	27 696,897	520 805,013	18,804	18,337
27	16	98 411	26 359,354	493 108,116	18,707	18,241
28	17	98 334	25 084,397	466 748,762	18,607	18,141
29	18	98 259	23 871,714	441 664,365	18,502	18,035
30	19	98 172	22 714,826	417 792,651	18,393	17,927
31	20	98 089	21 614,860	395 077,825	18,278	17,812
32	21	97 997	20 566,321	373 462,965	18,159	17,693
33	22	97 905	19 568,478	352 896,644	18,034	17,568
34	23	97 808	18 618,242	333 328,166	17,903	17,437
35	24	97 708	17 713,545	314 709,924	17,767	17,300
36	25	97 606	16 852,465	296 996,380	17,623	17,157
37	26	97 499	16 032,301	280 143,915	17,474	17,007
38	27	97 383	15 250,760	264 111,614	17,318	16,852
39	28	97 250	14 504,670	248 860,854	17,157	16,691
40	29	97 114	13 794,624	234 356,184	16,989	16,523
41	30	96 962	13 117,119	220 561,559	16,815	16,348
42	31	96 801	12 471,855	207 444,440	16,633	16,167
43	32	96 624	11 856,209	194 972,586	16,445	15,978
44	33	96 418	11 267,497	183 116,377	16,252	15,785
45	34	96 191	10 705,685	171 848,881	16,052	15,586
46	35	95 937	10 168,985	161 143,196	15,847	15,380
47	36	95 661	9 656,950	150 974,210	15,634	15,167
48	37	95 340	9 166,188	141 317,261	15,417	14,951
49	38	94 983	8 697,060	132 151,073	15,195	14,729

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
50	39	94 590	8 248,635	123 454,012	14,967	14,500
51	40	94 150	7 819,237	115 205,377	14,734	14,267
52	41	93 638	7 406,427	107 386,139	14,499	14,033
53	42	93 095	7 012,804	99 979,712	14,257	13,790
54	43	92 498	6 636,083	92 966,909	14,009	13,543
55	44	91 831	6 274,508	86 330,826	13,759	13,293
56	45	91 108	5 928,623	80 056,317	13,503	13,037
57	46	90 329	5 598,037	74 127,694	13,242	12,775
58	47	89 476	5 281,119	68 529,657	12,976	12,510
59	48	88 544	4 977,253	63 248,538	12,708	12,241
60	49	87 544	4 686,702	58 271,285	12,433	11,967
61	50	86 456	4 408,053	53 584,582	12,156	11,690
62	51	85 302	4 142,127	49 176,530	11,872	11,406
63	52	84 073	3 888,053	45 034,402	11,583	11,116
64	53	82 782	3 646,053	41 146,349	11,285	10,819
65	54	81 370	3 413,191	37 500,296	10,987	10,520
66	55	79 889	3 191,490	34 087,105	10,681	10,214
67	56	78 289	2 978,646	30 895,615	10,372	9,906
68	57	76 599	2 775,573	27 916,969	10,058	9,592
69	58	74 832	2 582,424	25 141,396	9,736	9,269
70	59	72 942	2 397,319	22 558,972	9,410	8,944
71	60	70 945	2 220,642	20 161,653	9,079	8,613
72	61	68 803	2 051,063	17 941,011	8,747	8,281
73	62	66 553	1 889,519	15 889,948	8,410	7,943
74	63	64 160	1 734,814	14 000,429	8,070	7,604
75	64	61 569	1 585,492	12 265,615	7,736	7,270
76	65	58 828	1 442,780	10 680,123	7,402	6,936
77	66	55 940	1 306,606	9 237,343	7,070	6,603
78	67	52 869	1 176,069	7 930,738	6,743	6,277
79	68	49 619	1 051,215	6 754,668	6,426	5,959
80	69	46 245	933,086	5 703,453	6,112	5,646
81	70	42 777	822,019	4 770,367	5,803	5,337
82	71	39 201	717,417	3 948,348	5,504	5,037
83	72	35 588	620,278	3 230,931	5,209	4,742
84	73	31 989	531,012	2 610,653	4,916	4,450
85	74	28 379	448,651	2 079,641	4,635	4,169
86	75	24 825	373,782	1 630,990	4,363	3,897
87	76	21 355	306,225	1 257,208	4,106	3,639
88	77	18 015	246,022	950,983	3,865	3,399
89	78	14 918	194,024	704,962	3,633	3,167
90	79	12 024	148,942	510,937	3,430	2,964
91	80	9 548	112,641	361,995	3,214	2,747
92	81	7 321	82,256	249,355	3,031	2,565
93	82	5 464	58,469	167,099	2,858	2,392
94	83	3 951	40,267	108,630	2,698	2,231
95	84	2 765	26,831	68,363	2,548	2,081
96	85	1 865	17,236	41,532	2,410	1,943
97	86	1 210	10,648	24,296	2,282	1,815
98	87	753	6,311	13,648	2,163	1,696
99	88	447	3,572	7,337	2,054	1,588
100	89	254	1,928	3,765	1,953	1,487

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß   5,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$(12)ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$(12)ä_{xy}$
0							50	38	94 643	8 253,230	123 819,267	15,003	14,536
1							51	39	94 212	7 824,414	115 566,037	14,770	14,304
2							52	40	93 704	7 411,661	107 741,624	14,537	14,070
3							53	41	93 169	7 018,429	100 329,962	14,295	13,829
4							54	42	92 581	6 641,995	93 311,533	14,049	13,582
5							55	43	91 926	6 280,940	86 669,538	13,799	13,332
6							56	44	91 210	5 935,290	80 388,599	13,544	13,078
7							57	45	90 443	5 605,151	74 453,309	13,283	12,817
8							58	46	89 602	5 288,571	68 848,158	13,018	12,552
9							59	47	88 689	4 985,405	63 559,587	12,749	12,283
10							60	48	87 699	4 695,005	58 574,182	12,476	12,009
11							61	49	86 634	4 417,142	53 879,177	12,198	11,731
12	0	99 472	55 389,601	1 094 077,165	19,752	19,286	62	50	85 490	4 151,273	49 462,035	11,915	11,449
13	1	99 147	52 579,838	1 038 687,564	19,754	19,288	63	51	84 280	3 897,590	45 310,762	11,625	11,159
14	2	99 110	50 057,266	986 107,726	19,700	19,233	64	52	83 010	3 656,090	41 413,173	11,327	10,861
15	3	99 080	47 659,332	936 050,460	19,640	19,174	65	53	81 616	3 423,484	37 757,082	11,029	10,562
16	4	99 052	45 376,689	888 391,128	19,578	19,112	66	54	80 145	3 201,707	34 333,598	10,724	10,257
17	5	99 014	43 199,522	843 014,439	19,514	19,048	67	55	78 568	2 989,237	31 131,891	10,415	9,948
18	6	98 971	41 124,306	799 814,917	19,449	18,982	68	56	76 889	2 786,083	28 142,654	10,101	9,635
19	7	98 914	39 143,739	758 690,611	19,382	18,916	69	57	75 133	2 592,786	25 356,571	9,780	9,313
20	8	98 857	37 258,336	719 546,871	19,312	18,846	70	58	73 265	2 407,944	22 763,785	9,454	8,987
21	9	98 797	35 462,431	682 288,535	19,240	18,773	71	59	71 281	2 231,178	20 355,841	9,123	8,657
22	10	98 737	33 753,164	646 826,104	19,163	18,697	72	60	69 176	2 062,177	18 124,663	8,789	8,323
23	11	98 677	32 126,508	613 072,941	19,083	18,617	73	61	66 938	1 900,440	16 062,486	8,452	7,986
24	12	98 618	30 578,234	580 946,432	18,999	18,532	74	62	64 567	1 745,826	14 162,046	8,112	7,646
25	13	98 555	29 103,489	550 368,199	18,911	18,444	75	63	61 987	1 596,247	12 416,221	7,778	7,312
26	14	98 492	27 699,899	521 264,710	18,818	18,352	76	64	59 264	1 453,462	10 819,973	7,444	6,978
27	15	98 424	26 362,670	493 564,811	18,722	18,256	77	65	56 380	1 316,890	9 366,511	7,113	6,646
28	16	98 349	25 088,257	467 202,141	18,622	18,156	78	66	53 325	1 186,216	8 049,621	6,786	6,320
29	17	98 275	23 875,546	442 113,884	18,517	18,051	79	67	50 076	1 060,904	6 863,404	6,469	6,003
30	18	98 195	22 720,016	418 238,338	18,408	17,942	80	68	46 699	942,235	5 802,500	6,158	5,692
31	19	98 109	21 619,325	395 518,322	18,295	17,828	81	69	43 237	830,844	4 860,265	5,850	5,383
32	20	98 019	20 570,888	373 898,997	18,176	17,710	82	70	39 661	725,840	4 029,421	5,551	5,085
33	21	97 925	19 572,574	353 328,110	18,052	17,586	83	71	36 052	628,370	3 303,581	5,257	4,791
34	22	97 830	18 622,420	333 755,536	17,922	17,456	84	72	32 459	538,813	2 675,211	4,965	4,499
35	23	97 731	17 717,595	315 133,116	17,786	17,320	85	73	28 848	456,068	2 136,399	4,684	4,218
36	24	97 626	16 855,872	297 415,522	17,645	17,178	86	74	25 296	380,869	1 680,331	4,412	3,945
37	25	97 520	16 035,829	280 559,650	17,496	17,029	87	75	21 824	312,940	1 299,462	4,152	3,686
38	26	97 406	15 254,370	264 523,821	17,341	16,874	88	76	18 467	252,199	986,523	3,912	3,445
39	27	97 276	14 508,568	249 269,451	17,181	16,714	89	77	15 343	199,557	734,324	3,680	3,213
40	28	97 139	13 798,113	234 760,883	17,014	16,548	90	78	12 423	153,876	534,767	3,475	3,009
41	29	96 989	13 120,884	220 962,769	16,841	16,374	91	79	9 908	116,884	380,891	3,259	2,792
42	30	96 829	12 475,386	207 841,886	16,660	16,194	92	80	7 640	85,841	264,006	3,076	2,609
43	31	96 653	11 859,791	195 366,500	16,473	16,007	93	81	5 737	61,390	178,165	2,902	2,436
44	32	96 452	11 271,492	183 506,710	16,281	15,814	94	82	4 182	42,617	116,775	2,740	2,274
45	33	96 226	10 709,601	172 235,218	16,082	15,616	95	83	2 950	28,626	74,158	2,591	2,124
46	34	95 978	10 173,307	161 525,617	15,877	15,411	96	84	2 010	18,579	45,531	2,451	1,984
47	35	95 700	9 660,793	151 352,310	15,667	15,200	97	85	1 319	11,609	26,952	2,322	1,855
48	36	95 385	9 170,546	141 691,518	15,451	14,984	98	86	831	6,967	15,343	2,202	1,736
49	37	95 034	8 701,704	132 520,972	15,229	14,763	99	87	502	4,006	8,376	2,091	1,625
							100	88	289	2,197	4,370	1,990	1,523

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß   5,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	37	94 694	8 257,637	124 153,218	15,035	14,569
1							51	38	94 264	7 828,772	115 895,581	14,804	14,337
2							52	39	93 766	7 416,568	108 066,808	14,571	14,105
3							53	40	93 235	7 023,389	100 650,241	14,331	13,864
4							54	41	92 655	6 647,323	93 626,852	14,085	13,618
5							55	42	92 007	6 286,535	86 979,529	13,836	13,369
6							56	43	91 304	5 941,373	80 692,994	13,582	13,115
7							57	44	90 545	5 611,453	74 751,620	13,321	12,855
8							58	45	89 716	5 295,292	69 140,167	13,057	12,591
9							59	46	88 814	4 992,440	63 844,875	12,788	12,322
10							60	47	87 843	4 702,695	58 852,435	12,515	12,048
11							61	48	86 788	4 424,967	54 149,740	12,237	11,771
12							62	49	85 667	4 159,832	49 724,773	11,954	11,487
13	0	99 461	52 746,130	1 039 329,008	19,704	19,238	63	50	84 466	3 906,195	45 564,941	11,665	11,198
14	1	99 136	50 070,483	986 582,878	19,704	19,237	64	51	83 214	3 665,058	41 658,746	11,366	10,900
15	2	99 095	47 666,432	936 512,394	19,647	19,181	65	52	81 840	3 432,909	37 993,688	11,067	10,601
16	3	99 063	45 381,759	888 845,963	19,586	19,120	66	53	80 386	3 211,362	34 560,779	10,762	10,296
17	4	99 026	43 204,671	843 464,203	19,523	19,056	67	54	78 819	2 998,807	31 349,417	10,454	9,988
18	5	98 981	41 128,463	800 259,532	19,458	18,991	68	55	77 163	2 795,990	28 350,610	10,140	9,673
19	6	98 923	39 147,149	759 131,069	19,392	18,925	69	56	75 417	2 602,604	25 554,621	9,819	9,352
20	7	98 866	37 261,534	719 983,920	19,322	18,856	70	57	73 559	2 417,606	22 952,017	9,494	9,027
21	8	98 804	35 465,043	682 722,387	19,251	18,784	71	58	71 597	2 241,066	20 534,411	9,163	8,696
22	9	98 744	33 755,492	647 257,344	19,175	18,708	72	59	69 504	2 071,961	18 293,345	8,829	8,363
23	10	98 684	32 128,789	613 501,851	19,095	18,629	73	60	67 301	1 910,738	16 221,384	8,490	8,023
24	11	98 626	30 580,679	581 373,063	19,011	18,545	74	61	64 940	1 755,916	14 310,647	8,150	7,684
25	12	98 563	29 105,832	550 792,384	18,924	18,457	75	62	62 380	1 606,380	12 554,730	7,816	7,349
26	13	98 501	27 702,381	521 686,552	18,832	18,365	76	63	59 666	1 463,322	10 948,350	7,482	7,015
27	14	98 435	26 365,528	493 984,171	18,736	18,270	77	64	56 798	1 326,640	9 485,028	7,150	6,683
28	15	98 362	25 091,413	467 618,643	18,637	18,170	78	65	53 745	1 195,554	8 158,388	6,824	6,358
29	16	98 290	23 879,220	442 527,230	18,532	18,065	79	66	50 508	1 070,058	6 962,834	6,507	6,041
30	17	98 210	22 723,662	418 648,010	18,423	17,957	80	67	47 129	950,919	5 892,777	6,197	5,731
31	18	98 132	21 624,264	395 924,348	18,309	17,843	81	68	43 661	838,991	4 941,857	5,890	5,424
32	19	98 039	20 575,137	374 300,084	18,192	17,725	82	69	40 087	733,633	4 102,867	5,593	5,126
33	20	97 947	19 576,920	353 724,947	18,068	17,602	83	70	36 475	635,747	3 369,234	5,300	4,833
34	21	97 851	18 626,318	334 148,027	17,940	17,473	84	71	32 883	545,841	2 733,487	5,008	4,541
35	22	97 752	17 721,570	315 521,709	17,804	17,338	85	72	29 272	462,767	2 187,645	4,727	4,261
36	23	97 648	16 859,726	297 800,139	17,663	17,197	86	73	25 714	387,165	1 724,878	4,455	3,989
37	24	97 540	16 039,071	280 940,413	17,516	17,050	87	74	22 238	318,873	1 337,713	4,195	3,729
38	25	97 428	15 257,726	264 901,342	17,362	16,895	88	75	18 872	257,729	1 018,840	3,953	3,487
39	26	97 299	14 512,003	249 643,616	17,203	16,736	89	76	15 728	204,567	761,111	3,721	3,254
40	27	97 165	13 801,821	235 131,613	17,036	16,570	90	77	12 777	158,264	556,544	3,517	3,050
41	28	97 014	13 124,202	221 329,792	16,864	16,398	91	78	10 236	120,757	398,280	3,298	2,832
42	29	96 857	12 478,966	208 205,590	16,685	16,218	92	79	7 928	89,075	277,523	3,116	2,649
43	30	96 681	11 863,148	195 726,624	16,499	16,032	93	80	5 987	64,066	188,448	2,941	2,475
44	31	96 481	11 274,897	183 863,475	16,307	15,841	94	81	4 391	44,747	124,382	2,780	2,313
45	32	96 260	10 713,398	172 588,578	16,110	15,643	95	82	3 122	30,297	79,635	2,628	2,162
46	33	96 013	10 177,028	161 875,180	15,906	15,440	96	83	2 144	19,822	49,338	2,489	2,023
47	34	95 740	9 664,898	151 698,152	15,696	15,229	97	84	1 422	12,514	29,516	2,359	1,892
48	35	95 423	9 174,195	142 033,254	15,482	15,015	98	85	906	7,596	17,002	2,238	1,772
49	36	95 079	8 705,842	132 859,059	15,261	14,795	99	86	554	4,422	9,406	2,127	1,660
							100	87	324	2,463	4,984	2,023	1,557

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß   5,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	36	94 739	8 261,563	124 458,424	15,065	14,598
1							51	37	94 315	7 832,952	116 196,861	14,834	14,368
2							52	38	93 818	7 420,699	108 363,909	14,603	14,137
3							53	39	93 297	7 028,038	100 943,210	14,363	13,897
4							54	40	92 720	6 652,021	93 915,171	14,118	13,652
5							55	41	92 081	6 291,578	87 263,151	13,870	13,403
6							56	42	91 385	5 946,666	80 971,573	13,616	13,150
7							57	43	90 638	5 617,205	75 024,906	13,356	12,890
8							58	44	89 817	5 301,246	69 407,701	13,093	12,626
9							59	45	88 927	4 998,785	64 106,455	12,824	12,358
10							60	46	87 966	4 709,331	59 107,670	12,551	12,085
11							61	47	86 930	4 432,214	54 398,340	12,273	11,807
12							62	48	85 819	4 167,201	49 966,126	11,990	11,524
13							63	49	84 640	3 914,249	45 798,924	11,701	11,234
14	0	99 450	50 228,839	987 176,856	19,654	19,187	64	50	83 398	3 673,150	41 884,675	11,403	10,937
15	1	99 121	47 679,017	936 948,017	19,651	19,185	65	51	82 041	3 441,329	38 211,525	11,104	10,637
16	2	99 077	45 388,520	889 269,000	19,592	19,126	66	52	80 608	3 220,203	34 770,196	10,798	10,331
17	3	99 037	43 209,499	843 880,480	19,530	19,064	67	53	79 057	3 007,850	31 549,993	10,489	10,023
18	4	98 992	41 133,366	800 670,981	19,465	18,999	68	54	77 410	2 804,941	28 542,143	10,176	9,709
19	5	98 933	39 151,106	759 537,616	19,400	18,934	69	55	75 685	2 611,858	25 737,202	9,854	9,388
20	6	98 875	37 264,779	720 386,510	19,332	18,865	70	56	73 838	2 426,760	23 125,344	9,529	9,063
21	7	98 813	35 468,087	683 121,731	19,260	18,794	71	57	71 884	2 250,059	20 698,584	9,199	8,733
22	8	98 751	33 757,978	647 653,644	19,185	18,719	72	58	69 812	2 081,143	18 448,526	8,865	8,398
23	9	98 691	32 131,005	613 895,665	19,106	18,640	73	59	67 620	1 919,803	16 367,382	8,526	8,059
24	10	98 633	30 582,850	581 764,660	19,023	18,556	74	60	65 292	1 765,431	14 447,579	8,184	7,717
25	11	98 571	29 108,159	551 181,811	18,936	18,469	75	61	62 741	1 615,665	12 682,148	7,849	7,383
26	12	98 509	27 704,611	522 073,651	18,844	18,378	76	62	60 045	1 472,610	11 066,484	7,515	7,048
27	13	98 443	26 367,890	494 369,041	18,749	18,283	77	63	57 183	1 335,640	9 593,873	7,183	6,717
28	14	98 372	25 094,133	468 001,151	18,650	18,183	78	64	54 142	1 204,405	8 258,233	6,857	6,390
29	15	98 302	23 882,224	442 907,017	18,545	18,079	79	65	50 906	1 078,480	7 053,828	6,541	6,074
30	16	98 225	22 727,159	419 024,793	18,437	17,971	80	66	47 536	959,124	5 975,348	6,230	5,764
31	17	98 148	21 627,735	396 297,634	18,324	17,857	81	67	44 063	846,723	5 016,224	5,924	5,458
32	18	98 062	20 579,838	374 669,899	18,206	17,739	82	68	40 480	740,826	4 169,500	5,628	5,162
33	19	97 967	19 580,964	354 090,061	18,083	17,617	83	69	36 867	642,573	3 428,674	5,336	4,869
34	20	97 872	18 630,454	334 509,097	17,955	17,489	84	70	33 269	552,250	2 786,101	5,045	4,579
35	21	97 773	17 725,280	315 878,644	17,821	17,354	85	71	29 654	468,804	2 233,851	4,765	4,299
36	22	97 670	16 863,509	298 153,364	17,680	17,214	86	72	26 092	392,852	1 765,047	4,493	4,027
37	23	97 562	16 042,738	281 289,855	17,534	17,067	87	73	22 605	324,144	1 372,195	4,233	3,767
38	24	97 448	15 260,811	265 247,117	17,381	16,915	88	74	19 230	262,616	1 048,051	3,991	3,524
39	25	97 321	14 515,196	249 986,306	17,222	16,756	89	75	16 073	209,053	785,435	3,757	3,291
40	26	97 188	13 805,088	235 471,110	17,057	16,590	90	76	13 098	162,238	576,382	3,553	3,086
41	27	97 040	13 127,729	221 666,022	16,885	16,419	91	77	10 528	124,200	414,144	3,334	2,868
42	28	96 881	12 482,122	208 538,293	16,707	16,241	92	78	8 191	92,026	289,944	3,151	2,684
43	29	96 708	11 866,553	196 056,170	16,522	16,055	93	79	6 213	66,479	197,918	2,977	2,511
44	30	96 508	11 278,089	184 189,617	16,332	15,865	94	80	4 582	46,697	131,438	2,815	2,348
45	31	96 289	10 716,635	172 911,528	16,135	15,668	95	81	3 278	31,811	84,741	2,664	2,197
46	32	96 047	10 180,637	162 194,893	15,932	15,465	96	82	2 270	20,979	52,930	2,523	2,057
47	33	95 775	9 668,433	152 014,257	15,723	15,256	97	83	1 517	13,351	31,951	2,393	1,927
48	34	95 464	9 178,094	142 345,824	15,509	15,043	98	84	977	8,188	18,600	2,272	1,805
49	35	95 117	8 709,306	133 167,730	15,290	14,824	99	85	604	4,821	10,412	2,160	1,693
							100	86	358	2,720	5,590	2,056	1,589

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß   5,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	35	94 776	8 264,850	124 737,044	15,092	14,626
1							51	36	94 360	7 836,677	116 472,193	14,862	14,396
2							52	37	93 869	7 424,661	108 635,517	14,632	14,165
3							53	38	93 349	7 031,953	101 210,855	14,393	13,927
4							54	39	92 782	6 656,424	94 178,902	14,149	13,682
5							55	40	92 146	6 296,024	87 522,478	13,901	13,435
6							56	41	91 458	5 951,436	81 226,454	13,648	13,182
7							57	42	90 719	5 622,209	75 275,017	13,389	12,922
8							58	43	89 909	5 306,680	69 652,808	13,125	12,659
9							59	44	89 027	5 004,405	64 346,128	12,858	12,391
10							60	45	88 078	4 715,315	59 341,723	12,585	12,118
11							61	46	87 052	4 438,468	54 626,407	12,307	11,841
12							62	47	85 959	4 174,027	50 187,939	12,024	11,557
13							63	48	84 790	3 921,184	46 013,912	11,735	11,268
14							64	49	83 570	3 680,724	42 092,729	11,436	10,970
15	0	99 435	47 829,810	937 498,220	19,601	19,134	65	50	82 222	3 448,927	38 412,005	11,137	10,671
16	1	99 104	45 400,504	889 668,411	19,596	19,130	66	51	80 805	3 228,101	34 963,078	10,831	10,364
17	2	99 052	43 215,936	844 267,907	19,536	19,070	67	52	79 274	3 016,131	31 734,977	10,522	10,055
18	3	99 003	41 137,962	801 051,971	19,472	19,006	68	53	77 643	2 813,399	28 718,847	10,208	9,741
19	4	98 945	39 155,772	759 914,009	19,407	18,941	69	54	75 928	2 620,220	25 905,447	9,887	9,420
20	5	98 885	37 268,546	720 758,237	19,340	18,873	70	55	74 100	2 435,389	23 285,227	9,561	9,095
21	6	98 821	35 471,176	683 489,691	19,269	18,802	71	56	72 156	2 258,578	20 849,838	9,231	8,765
22	7	98 759	33 760,876	648 018,515	19,194	18,728	72	57	70 092	2 089,494	18 591,260	8,897	8,431
23	8	98 698	32 133,372	614 257,639	19,116	18,649	73	58	67 920	1 928,311	16 501,766	8,558	8,091
24	9	98 640	30 584,959	582 124,267	19,033	18,567	74	59	65 602	1 773,807	14 573,454	8,216	7,750
25	10	98 578	29 110,225	551 539,308	18,947	18,480	75	60	63 081	1 624,419	12 799,647	7,880	7,413
26	11	98 516	27 706,826	522 429,082	18,856	18,389	76	61	60 392	1 481,122	11 175,228	7,545	7,079
27	12	98 451	26 370,013	494 722,256	18,761	18,294	77	62	57 546	1 344,118	9 694,106	7,212	6,746
28	13	98 381	25 096,381	468 352,243	18,662	18,196	78	63	54 510	1 212,575	8 349,988	6,886	6,420
29	14	98 313	23 884,813	443 255,862	18,558	18,092	79	64	51 283	1 086,465	7 137,413	6,569	6,103
30	15	98 238	22 730,018	419 371,049	18,450	17,984	80	65	47 910	966,674	6 050,947	6,260	5,793
31	16	98 163	21 631,063	396 641,031	18,337	17,870	81	66	44 443	854,029	5 084,274	5,953	5,487
32	17	98 077	20 583,141	375 009,967	18,219	17,753	82	67	40 853	747,654	4 230,245	5,658	5,192
33	18	97 990	19 585,438	354 426,827	18,096	17,630	83	68	37 228	648,873	3 482,591	5,367	4,901
34	19	97 892	18 634,302	334 841,389	17,969	17,503	84	69	33 626	558,179	2 833,717	5,077	4,610
35	20	97 795	17 729,216	316 207,086	17,835	17,369	85	70	30 002	474,308	2 275,538	4,798	4,331
36	21	97 691	16 867,039	298 477,871	17,696	17,230	86	71	26 432	397,977	1 801,230	4,526	4,060
37	22	97 584	16 046,288	281 610,832	17,550	17,083	87	72	22 937	328,906	1 403,253	4,266	3,800
38	23	97 470	15 264,300	265 564,494	17,398	16,931	88	73	19 548	266,957	1 074,347	4,024	3,558
39	24	97 340	14 518,130	250 300,194	17,241	16,774	89	74	16 378	213,017	807,390	3,790	3,324
40	25	97 209	13 808,126	235 782,064	17,076	16,609	90	75	13 385	165,795	594,373	3,585	3,119
41	26	97 063	13 130,837	221 973,938	16,905	16,438	91	76	10 792	127,319	428,578	3,366	2,900
42	27	96 907	12 485,477	208 843,101	16,727	16,260	92	77	8 424	94,650	301,259	3,183	2,716
43	28	96 733	11 869,554	196 357,625	16,543	16,077	93	78	6 419	68,682	206,609	3,008	2,542
44	29	96 536	11 281,326	184 488,070	16,353	15,887	94	79	4 755	48,456	137,927	2,846	2,380
45	30	96 316	10 719,669	173 206,744	16,158	15,691	95	80	3 420	33,198	89,471	2,695	2,229
46	31	96 076	10 183,712	162 487,075	15,956	15,489	96	81	2 383	22,027	56,273	2,555	2,088
47	32	95 809	9 671,861	152 303,363	15,747	15,281	97	82	1 605	14,131	34,246	2,424	1,957
48	33	95 499	9 181,451	142 631,501	15,535	15,068	98	83	1 042	8,736	20,115	2,303	1,836
49	34	95 158	8 713,007	133 450,051	15,316	14,850	99	84	651	5,197	11,380	2,190	1,723
							100	85	390	2,965	6,182	2,085	1,619

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß   5,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	34	94 817	8 268,363	124 991,874	15,117	14,650
1							51	35	94 397	7 839,795	116 723,511	14,889	14,422
2							52	36	93 913	7 428,191	108 883,716	14,658	14,192
3							53	37	93 399	7 035,708	101 455,525	14,420	13,954
4							54	38	92 834	6 660,132	94 419,817	14,177	13,710
5							55	39	92 207	6 300,192	87 759,685	13,930	13,463
6							56	40	91 523	5 955,642	81 459,493	13,678	13,211
7							57	41	90 792	5 626,719	75 503,850	13,419	12,952
8							58	42	89 989	5 311,407	69 877,131	13,156	12,690
9							59	43	89 118	5 009,535	64 565,723	12,889	12,422
10							60	44	88 177	4 720,617	59 556,189	12,616	12,150
11							61	45	87 163	4 444,109	54 835,571	12,339	11,873
12							62	46	86 080	4 179,916	50 391,462	12,056	11,589
13							63	47	84 929	3 927,606	46 211,546	11,766	11,299
14							64	48	83 718	3 687,244	42 283,940	11,468	11,001
15							65	49	82 392	3 456,038	38 596,696	11,168	10,701
16	0	99 417	45 544,090	890 178,232	19,545	19,079	66	50	80 984	3 235,228	35 140,658	10,862	10,395
17	1	99 078	43 227,346	844 634,142	19,539	19,073	67	51	79 469	3 023,528	31 905,429	10,552	10,086
18	2	99 018	41 144,090	801 406,796	19,478	19,012	68	52	77 857	2 821,145	28 881,901	10,238	9,771
19	3	98 956	39 160,148	760 262,706	19,414	18,948	69	53	76 157	2 628,121	26 060,756	9,916	9,450
20	4	98 896	37 272,988	721 102,558	19,347	18,880	70	54	74 337	2 443,186	23 432,635	9,591	9,125
21	5	98 831	35 474,762	683 829,570	19,277	18,810	71	55	72 413	2 266,609	20 989,449	9,260	8,794
22	6	98 768	33 763,816	648 354,808	19,203	18,736	72	56	70 358	2 097,406	18 722,840	8,927	8,460
23	7	98 707	32 136,130	614 590,992	19,125	18,658	73	57	68 192	1 936,049	16 625,433	8,587	8,121
24	8	98 647	30 587,212	582 454,862	19,042	18,576	74	58	65 892	1 781,668	14 689,385	8,245	7,778
25	9	98 584	29 112,234	551 867,650	18,957	18,490	75	59	63 380	1 632,126	12 907,717	7,909	7,442
26	10	98 523	27 708,793	522 755,416	18,866	18,400	76	60	60 719	1 489,148	11 275,590	7,572	7,105
27	11	98 459	26 372,122	495 046,623	18,772	18,305	77	61	57 878	1 351,887	9 786,443	7,239	6,773
28	12	98 389	25 098,402	468 674,502	18,673	18,207	78	62	54 856	1 220,272	8 434,556	6,912	6,446
29	13	98 322	23 886,953	443 576,100	18,570	18,103	79	63	51 631	1 093,835	7 214,283	6,595	6,129
30	14	98 248	22 732,482	419 689,147	18,462	17,996	80	64	48 264	973,831	6 120,448	6,285	5,819
31	15	98 175	21 633,785	396 956,665	18,349	17,883	81	65	44 793	860,751	5 146,617	5,979	5,513
32	16	98 093	20 586,309	375 322,881	18,232	17,765	82	66	41 205	754,105	4 285,866	5,683	5,217
33	17	98 005	19 588,581	354 736,572	18,109	17,643	83	67	37 571	654,854	3 531,761	5,393	4,927
34	18	97 915	18 638,560	335 147,991	17,981	17,515	84	68	33 956	563,652	2 876,907	5,104	4,638
35	19	97 815	17 732,878	316 509,431	17,849	17,382	85	69	30 324	479,400	2 313,255	4,825	4,359
36	20	97 712	16 870,784	298 776,553	17,710	17,243	86	70	26 743	402,650	1 833,855	4,554	4,088
37	21	97 605	16 049,697	281 905,769	17,565	17,098	87	71	23 236	333,197	1 431,205	4,295	3,829
38	22	97 492	15 267,725	265 856,073	17,413	16,947	88	72	19 835	270,879	1 098,008	4,054	3,587
39	23	97 363	14 521,450	250 588,347	17,256	16,790	89	73	16 649	216,538	827,130	3,820	3,353
40	24	97 229	13 810,918	236 066,898	17,093	16,626	90	74	13 639	168,939	610,592	3,614	3,148
41	25	97 084	13 133,726	222 255,980	16,923	16,456	91	75	11 029	130,111	441,653	3,394	2,928
42	26	96 930	12 488,432	209 122,254	16,745	16,279	92	76	8 636	97,026	311,542	3,211	2,744
43	27	96 759	11 872,744	196 633,822	16,562	16,095	93	77	6 602	70,640	214,516	3,037	2,570
44	28	96 560	11 284,180	184 761,078	16,373	15,907	94	78	4 912	50,062	143,875	2,874	2,408
45	29	96 344	10 722,745	173 476,898	16,178	15,712	95	79	3 549	34,448	93,814	2,723	2,257
46	30	96 103	10 186,595	162 754,153	15,977	15,511	96	80	2 487	22,987	59,365	2,583	2,116
47	31	95 838	9 674,783	152 567,557	15,770	15,303	97	81	1 685	14,837	36,378	2,452	1,986
48	32	95 533	9 184,706	142 892,774	15,558	15,091	98	82	1 103	9,246	21,541	2,330	1,864
49	33	95 192	8 716,194	133 708,067	15,340	14,874	99	83	694	5,545	12,296	2,217	1,751
							100	84	420	3,196	6,751	2,112	1,646

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß   5,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	33	94 851	8 271,387	125 224,748	15,140	14,673
1							51	34	94 437	7 843,126	116 953,361	14,912	14,445
2							52	35	93 951	7 431,147	109 110,235	14,683	14,216
3							53	36	93 443	7 039,053	101 679,088	14,445	13,979
4							54	37	92 883	6 663,688	94 640,035	14,202	13,736
5							55	38	92 259	6 303,701	87 976,346	13,956	13,490
6							56	39	91 583	5 959,585	81 672,645	13,704	13,238
7							57	40	90 856	5 630,696	75 713,060	13,446	12,980
8							58	41	90 061	5 315,668	70 082,364	13,184	12,718
9							59	42	89 198	5 013,998	64 766,696	12,917	12,451
10							60	43	88 268	4 725,456	59 752,698	12,645	12,178
11							61	44	87 261	4 449,106	55 027,242	12,368	11,902
12							62	45	86 190	4 185,229	50 578,136	12,085	11,619
13							63	46	85 048	3 933,148	46 392,908	11,795	11,329
14							64	47	83 855	3 693,283	42 459,760	11,496	11,030
15							65	48	82 538	3 462,161	38 766,477	11,197	10,731
16							66	49	81 151	3 241,899	35 304,316	10,890	10,424
17	0	99 391	43 364,059	845 106,692	19,489	19,022	67	50	79 644	3 030,204	32 062,417	10,581	10,115
18	1	99 044	41 154,954	801 742,632	19,481	19,015	68	51	78 048	2 828,064	29 032,213	10,266	9,799
19	2	98 970	39 165,981	760 587,679	19,420	18,953	69	52	76 366	2 635,356	26 204,149	9,943	9,477
20	3	98 907	37 277,153	721 421,697	19,353	18,887	70	53	74 562	2 450,554	23 568,792	9,618	9,151
21	4	98 843	35 478,990	684 144,544	19,283	18,817	71	54	72 645	2 273,866	21 118,239	9,287	8,821
22	5	98 778	33 767,229	648 665,554	19,210	18,744	72	55	70 608	2 104,864	18 844,373	8,953	8,486
23	6	98 715	32 138,929	614 898,324	19,133	18,666	73	56	68 450	1 943,380	16 739,509	8,614	8,147
24	7	98 655	30 589,837	582 759,396	19,051	18,584	74	57	66 157	1 788,817	14 796,129	8,271	7,805
25	8	98 592	29 114,378	552 169,558	18,966	18,499	75	58	63 661	1 639,360	13 007,312	7,934	7,468
26	9	98 530	27 710,704	523 055,180	18,876	18,409	76	59	61 007	1 496,213	11 367,952	7,598	7,131
27	10	98 466	26 373,993	495 344,476	18,782	18,315	77	60	58 192	1 359,212	9 871,740	7,263	6,796
28	11	98 397	25 100,409	468 970,483	18,684	18,217	78	61	55 173	1 227,326	8 512,528	6,936	6,469
29	12	98 330	23 888,876	443 870,074	18,581	18,114	79	62	51 958	1 100,779	7 285,202	6,618	6,152
30	13	98 257	22 734,519	419 981,198	18,473	18,007	80	63	48 592	980,437	6 184,423	6,308	5,841
31	14	98 186	21 636,130	397 246,679	18,360	17,894	81	64	45 125	867,124	5 203,987	6,001	5,535
32	15	98 105	20 588,898	375 610,550	18,243	17,777	82	65	41 530	760,041	4 336,862	5,706	5,240
33	16	98 020	19 591,596	355 021,651	18,121	17,655	83	66	37 895	660,504	3 576,822	5,415	4,949
34	17	97 931	18 641,551	335 430,055	17,994	17,527	84	67	34 269	568,847	2 916,318	5,127	4,660
35	18	97 837	17 736,929	316 788,504	17,860	17,394	85	68	30 622	484,101	2 347,470	4,849	4,383
36	19	97 733	16 874,269	299 051,575	17,722	17,256	86	69	27 030	406,972	1 863,369	4,579	4,112
37	20	97 626	16 053,260	282 177,306	17,578	17,111	87	70	23 509	337,109	1 456,397	4,320	3,854
38	21	97 512	15 270,921	266 124,046	17,427	16,960	88	71	20 094	274,412	1 119,288	4,079	3,612
39	22	97 385	14 524,708	250 853,124	17,271	16,804	89	72	16 893	219,719	844,876	3,845	3,379
40	23	97 251	13 814,075	236 328,416	17,108	16,641	90	73	13 864	171,732	625,157	3,640	3,174
41	24	97 104	13 136,381	222 514,341	16,939	16,472	91	74	11 238	132,577	453,425	3,420	2,954
42	25	96 951	12 491,180	209 377,960	16,762	16,296	92	75	8 825	99,154	320,848	3,236	2,769
43	26	96 782	11 875,555	196 886,780	16,579	16,113	93	76	6 767	72,414	221,694	3,061	2,595
44	27	96 586	11 287,212	185 011,225	16,391	15,925	94	77	5 053	51,489	149,280	2,899	2,433
45	28	96 368	10 725,458	173 724,013	16,197	15,731	95	78	3 667	35,590	97,791	2,748	2,281
46	29	96 131	10 189,519	162 998,556	15,997	15,530	96	79	2 581	23,853	62,201	2,608	2,141
47	30	95 865	9 677,523	152 809,037	15,790	15,324	97	80	1 759	15,483	38,348	2,477	2,010
48	31	95 561	9 187,481	143 131,514	15,579	15,113	98	81	1 158	9,708	22,864	2,355	1,889
49	32	95 226	8 719,284	133 944,033	15,362	14,895	99	82	735	5,869	13,157	2,242	1,775
							100	83	448	3,410	7,288	2,137	1,671

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß   5,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	32	94 885	8 274,320	125 437,704	15,160	14,693
1							51	33	94 472	7 845,995	117 163,384	14,933	14,466
2							52	34	93 990	7 434,305	109 317,389	14,704	14,238
3							53	35	93 480	7 041,854	101 883,084	14,468	14,002
4							54	36	92 927	6 666,857	94 841,230	14,226	13,759
5							55	37	92 308	6 307,067	88 174,373	13,980	13,514
6							56	38	91 634	5 962,905	81 867,306	13,729	13,263
7							57	39	90 916	5 634,423	75 904,401	13,472	13,005
8							58	40	90 125	5 319,425	70 269,978	13,210	12,744
9							59	41	89 269	5 018,020	64 950,553	12,943	12,477
10							60	42	88 346	4 729,666	59 932,534	12,672	12,205
11							61	43	87 350	4 453,666	55 202,868	12,395	11,929
12							62	44	86 287	4 189,934	50 749,201	12,112	11,646
13							63	45	85 156	3 938,146	46 559,267	11,823	11,356
14							64	46	83 973	3 698,495	42 621,121	11,524	11,058
15							65	47	82 673	3 467,831	38 922,626	11,224	10,758
16							66	48	81 295	3 247,642	35 454,795	10,917	10,451
17							67	49	79 809	3 036,452	32 207,152	10,607	10,140
18	0	99 358	41 285,113	802 180,764	19,430	18,964	68	50	78 220	2 834,308	29 170,700	10,292	9,826
19	1	98 997	39 176,323	760 895,652	19,422	18,956	69	51	76 553	2 641,820	26 336,392	9,969	9,503
20	2	98 922	37 282,706	721 719,329	19,358	18,892	70	52	74 767	2 457,300	23 694,572	9,643	9,176
21	3	98 854	35 482,955	684 436,623	19,289	18,823	71	53	72 864	2 280,723	21 237,272	9,312	8,845
22	4	98 790	33 771,254	648 953,668	19,216	18,750	72	54	70 834	2 111,603	18 956,549	8,977	8,511
23	5	98 725	32 142,177	615 182,414	19,139	18,673	73	55	68 694	1 950,290	16 844,947	8,637	8,171
24	6	98 664	30 592,502	583 040,236	19,058	18,592	74	56	66 407	1 795,591	14 894,657	8,295	7,829
25	7	98 600	29 116,877	552 447,734	18,973	18,507	75	57	63 916	1 645,938	13 099,066	7,958	7,492
26	8	98 537	27 712,745	523 330,858	18,884	18,418	76	58	61 277	1 502,844	11 453,129	7,621	7,155
27	9	98 473	26 375,813	495 618,112	18,791	18,324	77	59	58 468	1 365,661	9 950,285	7,286	6,820
28	10	98 404	25 102,190	469 242,299	18,693	18,227	78	60	55 472	1 233,976	8 584,624	6,957	6,490
29	11	98 338	23 890,786	444 140,109	18,590	18,124	79	61	52 259	1 107,141	7 350,648	6,639	6,173
30	12	98 265	22 736,349	420 249,323	18,484	18,017	80	62	48 900	986,660	6 243,507	6,328	5,862
31	13	98 194	21 638,068	397 512,974	18,371	17,905	81	63	45 431	873,006	5 256,847	6,022	5,555
32	14	98 116	20 591,130	375 874,906	18,254	17,788	82	64	41 837	765,668	4 383,841	5,726	5,259
33	15	98 033	19 594,060	355 283,776	18,132	17,666	83	65	38 194	665,703	3 618,172	5,435	4,969
34	16	97 946	18 644,420	335 689,715	18,005	17,538	84	66	34 564	573,755	2 952,469	5,146	4,679
35	17	97 853	17 739,776	317 045,295	17,872	17,406	85	67	30 904	488,563	2 378,714	4,869	4,402
36	18	97 755	16 878,124	299 305,519	17,733	17,267	86	68	27 295	410,963	1 890,151	4,599	4,133
37	19	97 647	16 056,257	282 427,395	17,590	17,123	87	69	23 762	340,728	1 479,188	4,341	3,875
38	20	97 534	15 274,312	266 370,818	17,439	16,973	88	70	20 330	277,634	1 138,460	4,101	3,634
39	21	97 405	14 527,748	251 096,506	17,284	16,818	89	71	17 114	222,585	860,826	3,867	3,401
40	22	97 273	13 817,175	236 568,758	17,121	16,655	90	72	14 068	174,254	638,241	3,663	3,196
41	23	97 126	13 139,385	222 751,583	16,953	16,487	91	73	11 424	134,769	463,987	3,443	2,976
42	24	96 971	12 493,705	209 612,198	16,777	16,311	92	74	8 993	101,034	329,218	3,258	2,792
43	25	96 803	11 878,168	197 118,493	16,595	16,129	93	75	6 916	74,002	228,184	3,083	2,617
44	26	96 609	11 289,884	185 240,325	16,408	15,941	94	76	5 179	52,782	154,182	2,921	2,455
45	27	96 394	10 728,340	173 950,441	16,214	15,748	95	77	3 772	36,604	101,400	2,770	2,304
46	28	96 155	10 192,096	163 222,101	16,015	15,548	96	78	2 666	24,644	64,795	2,629	2,163
47	29	95 893	9 680,300	153 030,005	15,808	15,342	97	79	1 825	16,067	40,152	2,499	2,033
48	30	95 589	9 190,082	143 349,705	15,598	15,132	98	80	1 208	10,131	24,085	2,377	1,911
49	31	95 255	8 721,919	134 159,623	15,382	14,915	99	81	772	6,162	13,954	2,265	1,798
							100	82	475	3,609	7,792	2,159	1,693

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß   5,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	31	94 914	8 276,820	125 632,239	15,179	14,712
1							51	32	94 505	7 848,777	117 355,419	14,952	14,486
2							52	33	94 025	7 437,024	109 506,642	14,725	14,258
3							53	34	93 520	7 044,846	102 069,618	14,489	14,022
4							54	35	92 964	6 669,509	95 024,771	14,248	13,781
5							55	36	92 352	6 310,066	88 355,262	14,002	13,536
6							56	37	91 683	5 966,089	82 045,196	13,752	13,286
7							57	38	90 966	5 637,562	76 079,107	13,495	13,029
8							58	39	90 184	5 322,946	70 441,545	13,234	12,767
9							59	40	89 332	5 021,566	65 118,599	12,968	12,501
10							60	41	88 417	4 733,460	60 097,033	12,696	12,230
11							61	42	87 428	4 457,634	55 363,574	12,420	11,954
12							62	43	86 375	4 194,229	50 905,940	12,137	11,671
13							63	44	85 252	3 942,574	46 711,711	11,848	11,382
14							64	45	84 080	3 703,195	42 769,136	11,549	11,083
15							65	46	82 789	3 472,725	39 065,941	11,249	10,783
16							66	47	81 428	3 252,961	35 593,217	10,942	10,475
17							67	48	79 950	3 041,831	32 340,255	10,632	10,165
18							68	49	78 382	2 840,152	29 298,424	10,316	9,849
19	0	99 310	39 300,224	761 301,979	19,371	18,905	69	50	76 722	2 647,653	26 458,272	9,993	9,527
20	1	98 948	37 292,550	722 001,755	19,360	18,894	70	51	74 950	2 463,327	23 810,619	9,666	9,200
21	2	98 869	35 488,240	684 709,205	19,294	18,828	71	52	73 065	2 287,001	21 347,292	9,334	8,868
22	3	98 801	33 775,028	649 220,965	19,222	18,756	72	53	71 048	2 117,970	19 060,290	8,999	8,533
23	4	98 737	32 146,009	615 445,937	19,145	18,679	73	54	68 914	1 956,533	16 942,320	8,659	8,193
24	5	98 674	30 595,594	583 299,928	19,065	18,598	74	55	66 643	1 801,975	14 985,786	8,316	7,850
25	6	98 609	29 119,413	552 704,334	18,981	18,514	75	56	64 158	1 652,170	13 183,811	7,980	7,513
26	7	98 546	27 715,124	523 584,921	18,892	18,425	76	57	61 523	1 508,874	11 531,641	7,643	7,176
27	8	98 480	26 377,756	495 869,797	18,799	18,332	77	58	58 727	1 371,713	10 022,767	7,307	6,840
28	9	98 411	25 103,922	469 492,041	18,702	18,236	78	59	55 735	1 239,830	8 651,054	6,978	6,511
29	10	98 345	23 892,482	444 388,119	18,599	18,133	79	60	52 542	1 113,140	7 411,223	6,658	6,192
30	11	98 273	22 738,167	420 495,637	18,493	18,027	80	61	49 183	992,363	6 298,083	6,347	5,880
31	12	98 202	21 639,810	397 757,470	18,381	17,914	81	62	45 719	878,548	5 305,720	6,039	5,573
32	13	98 124	20 592,975	376 117,660	18,264	17,798	82	63	42 121	770,862	4 427,172	5,743	5,277
33	14	98 043	19 596,184	355 524,685	18,143	17,676	83	64	38 477	670,632	3 656,310	5,452	4,986
34	15	97 958	18 646,766	335 928,501	18,015	17,549	84	65	34 836	578,271	2 985,678	5,163	4,697
35	16	97 868	17 742,506	317 281,735	17,883	17,416	85	66	31 170	492,778	2 407,407	4,885	4,419
36	17	97 771	16 880,833	299 539,229	17,744	17,278	86	67	27 547	414,751	1 914,628	4,616	4,150
37	18	97 669	16 060,245	282 658,396	17,600	17,133	87	68	23 995	344,069	1 499,878	4,359	3,893
38	19	97 554	15 277,467	266 598,151	17,450	16,984	88	69	20 548	280,615	1 155,809	4,119	3,652
39	20	97 427	14 530,974	251 320,683	17,296	16,829	89	70	17 315	225,198	875,194	3,886	3,420
40	21	97 293	13 820,067	236 789,709	17,134	16,667	90	71	14 251	176,527	649,996	3,682	3,216
41	22	97 148	13 142,333	222 969,642	16,966	16,499	91	72	11 592	136,749	473,468	3,462	2,996
42	23	96 993	12 496,562	209 827,309	16,791	16,324	92	73	9 141	102,704	336,719	3,279	2,812
43	24	96 823	11 880,569	197 330,747	16,610	16,143	93	74	7 047	75,405	234,015	3,103	2,637
44	25	96 630	11 292,368	185 450,178	16,423	15,956	94	75	5 293	53,940	158,610	2,941	2,474
45	26	96 417	10 730,879	174 157,810	16,230	15,763	95	76	3 866	37,523	104,671	2,789	2,323
46	27	96 181	10 194,835	163 426,931	16,030	15,564	96	77	2 742	25,346	67,147	2,649	2,183
47	28	95 917	9 682,748	153 232,096	15,825	15,359	97	78	1 886	16,599	41,801	2,518	2,052
48	29	95 616	9 192,720	143 549,347	15,616	15,149	98	79	1 254	10,512	25,202	2,397	1,931
49	30	95 282	8 724,388	134 356,627	15,400	14,934	99	80	805	6,430	14,690	2,284	1,818
							100	81	498	3,789	8,259	2,180	1,713

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß **5,00%**

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	30	94 940	8 279,163	125 809,967	15,196	14,730
1							51	31	94 534	7 851,149	117 530,804	14,970	14,503
2							52	32	94 058	7 439,661	109 679,656	14,743	14,276
3							53	33	93 554	7 047,423	102 239,994	14,507	14,041
4							54	34	93 004	6 672,344	95 192,571	14,267	13,800
5							55	35	92 389	6 312,577	88 520,227	14,023	13,556
6							56	36	91 727	5 968,925	82 207,650	13,773	13,306
7							57	37	91 015	5 640,572	76 238,725	13,516	13,050
8							58	38	90 235	5 325,911	70 598,153	13,256	12,789
9							59	39	89 391	5 024,890	65 272,242	12,990	12,523
10							60	40	88 480	4 736,805	60 247,352	12,719	12,253
11							61	41	87 498	4 461,210	55 510,547	12,443	11,977
12							62	42	86 452	4 197,966	51 049,337	12,160	11,694
13							63	43	85 340	3 946,616	46 851,372	11,871	11,405
14							64	44	84 174	3 707,359	42 904,756	11,573	11,106
15							65	45	82 895	3 477,138	39 197,397	11,273	10,806
16							66	46	81 543	3 257,552	35 720,259	10,965	10,499
17							67	47	80 081	3 046,813	32 462,708	10,655	10,188
18							68	48	78 520	2 845,184	29 415,895	10,339	9,872
19							69	49	76 881	2 653,112	26 570,711	10,015	9,549
20	0	99 261	37 410,494	722 378,694	19,310	18,843	70	50	75 116	2 468,766	23 917,599	9,688	9,222
21	1	98 895	35 497,611	684 968,200	19,296	18,830	71	51	73 244	2 292,611	21 448,833	9,356	8,889
22	2	98 815	33 780,059	649 470,589	19,226	18,760	72	52	71 243	2 123,801	19 156,222	9,020	8,553
23	3	98 748	32 149,601	615 690,530	19,151	18,684	73	53	69 122	1 962,434	17 032,421	8,679	8,213
24	4	98 686	30 599,241	583 540,929	19,070	18,604	74	54	66 857	1 807,744	15 069,987	8,336	7,870
25	5	98 619	29 122,356	552 941,688	18,987	18,520	75	55	64 386	1 658,045	13 262,243	7,999	7,532
26	6	98 554	27 717,538	523 819,332	18,898	18,432	76	56	61 756	1 514,587	11 604,198	7,662	7,195
27	7	98 489	26 380,020	496 101,794	18,806	18,340	77	57	58 963	1 377,217	10 089,611	7,326	6,860
28	8	98 418	25 105,771	469 721,774	18,710	18,243	78	58	55 982	1 245,325	8 712,393	6,996	6,530
29	9	98 351	23 894,130	444 616,003	18,608	18,141	79	59	52 791	1 118,421	7 467,068	6,676	6,210
30	10	98 280	22 739,781	420 721,873	18,502	18,035	80	60	49 449	997,740	6 348,647	6,363	5,897
31	11	98 210	21 641,540	397 982,092	18,390	17,923	81	61	45 983	883,626	5 350,907	6,056	5,589
32	12	98 132	20 594,633	376 340,551	18,274	17,807	82	62	42 388	775,755	4 467,281	5,759	5,292
33	13	98 052	19 597,940	355 745,919	18,152	17,686	83	63	38 738	675,181	3 691,526	5,467	5,001
34	14	97 969	18 648,787	336 147,979	18,025	17,559	84	64	35 094	582,553	3 016,345	5,178	4,711
35	15	97 880	17 744,738	317 499,192	17,893	17,426	85	65	31 416	496,657	2 433,792	4,900	4,434
36	16	97 786	16 883,431	299 754,454	17,754	17,288	86	66	27 784	418,329	1 937,135	4,631	4,164
37	17	97 685	16 062,823	282 871,023	17,610	17,144	87	67	24 216	347,240	1 518,805	4,374	3,908
38	18	97 576	15 280,958	266 808,200	17,460	16,994	88	68	20 749	283,366	1 171,565	4,134	3,668
39	19	97 447	14 533,976	251 527,242	17,306	16,840	89	69	17 501	227,616	888,199	3,902	3,436
40	20	97 315	13 823,136	236 993,266	17,145	16,678	90	70	14 418	178,600	660,583	3,699	3,232
41	21	97 168	13 145,084	223 170,130	16,977	16,511	91	71	11 743	138,533	481,983	3,479	3,013
42	22	97 015	12 499,366	210 025,046	16,803	16,336	92	72	9 275	104,213	343,450	3,296	2,829
43	23	96 845	11 883,285	197 525,680	16,622	16,156	93	73	7 163	76,651	239,237	3,121	2,655
44	24	96 650	11 294,651	185 642,395	16,436	15,970	94	74	5 393	54,962	162,586	2,958	2,492
45	25	96 438	10 733,241	174 347,744	16,244	15,777	95	75	3 951	38,346	107,623	2,807	2,340
46	26	96 203	10 197,248	163 614,503	16,045	15,579	96	76	2 811	25,983	69,277	2,666	2,200
47	27	95 943	9 685,350	153 417,255	15,840	15,374	97	77	1 939	17,072	43,294	2,536	2,070
48	28	95 640	9 195,045	143 731,904	15,631	15,165	98	78	1 295	10,861	26,222	2,414	1,948
49	29	95 309	8 726,892	134 536,859	15,416	14,950	99	79	836	6,673	15,362	2,302	1,836
							100	80	520	3,954	8,689	2,197	1,731

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß   5,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
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20						
21	0	99 208	35 609,877	685 317,963	19,245	18,779
22	1	98 842	33 788,978	649 708,085	19,228	18,762
23	2	98 763	32 154,390	615 919,107	19,155	18,689
24	3	98 697	30 602,660	583 764,717	19,076	18,609
25	4	98 630	29 125,827	553 162,057	18,992	18,526
26	5	98 564	27 720,340	524 036,229	18,904	18,438
27	6	98 497	26 382,317	496 315,889	18,812	18,346
28	7	98 426	25 107,926	469 933,572	18,717	18,250
29	8	98 359	23 895,890	444 825,646	18,615	18,149
30	9	98 287	22 741,350	420 929,756	18,509	18,043
31	10	98 217	21 643,076	398 188,406	18,398	17,932
32	11	98 140	20 596,280	376 545,330	18,282	17,816
33	12	98 060	19 599,518	355 949,050	18,161	17,695
34	13	97 977	18 650,457	336 349,532	18,034	17,568
35	14	97 891	17 746,662	317 699,075	17,902	17,436
36	15	97 798	16 885,555	299 952,413	17,764	17,297
37	16	97 700	16 065,295	283 066,858	17,620	17,153
38	17	97 592	15 283,410	267 001,563	17,470	17,004
39	18	97 469	14 537,297	251 718,153	17,315	16,849
40	19	97 335	13 825,992	237 180,856	17,155	16,688
41	20	97 190	13 148,003	223 354,865	16,988	16,521
42	21	97 035	12 501,982	210 206,862	16,814	16,347
43	22	96 867	11 885,952	197 704,879	16,633	16,167
44	23	96 672	11 297,233	185 818,928	16,448	15,982
45	24	96 458	10 735,411	174 521,694	16,257	15,790
46	25	96 225	10 199,492	163 786,284	16,058	15,592
47	26	95 966	9 687,643	153 586,792	15,854	15,387
48	27	95 666	9 197,516	143 899,149	15,645	15,179
49	28	95 333	8 729,099	134 701,632	15,431	14,965
50	29	94 968	8 281,539	125 972,533	15,211	14,745
51	30	94 561	7 853,371	117 690,994	14,986	14,520
52	31	94 087	7 441,909	109 837,623	14,759	14,293
53	32	93 587	7 049,922	102 395,714	14,524	14,058
54	33	93 038	6 674,784	95 345,791	14,284	13,818
55	34	92 428	6 315,259	88 671,007	14,041	13,574
56	35	91 763	5 971,300	82 355,748	13,792	13,326
57	36	91 058	5 643,254	76 384,447	13,536	13,069
58	37	90 283	5 328,755	70 741,194	13,275	12,809
59	38	89 441	5 027,689	65 412,439	13,010	12,544
60	39	88 538	4 739,941	60 384,749	12,740	12,273
61	40	87 560	4 464,362	55 644,809	12,464	11,998
62	41	86 521	4 201,333	51 180,446	12,182	11,716
63	42	85 416	3 950,132	46 979,113	11,893	11,427
64	43	84 261	3 711,159	43 028,982	11,594	11,128
65	44	82 988	3 481,048	39 317,823	11,295	10,828
66	45	81 646	3 261,691	35 836,775	10,987	10,521
67	46	80 194	3 051,112	32 575,084	10,676	10,210
68	47	78 649	2 849,844	29 523,971	10,360	9,893
69	48	77 017	2 657,812	26 674,128	10,036	9,570
70	49	75 271	2 473,856	24 016,315	9,708	9,242
71	50	73 405	2 297,673	21 542,459	9,376	8,909
72	51	71 418	2 129,010	19 244,786	9,039	8,573
73	52	69 312	1 967,836	17 115,776	8,698	8,231
74	53	67 058	1 813,196	15 147,940	8,354	7,888
75	54	64 592	1 663,353	13 334,744	8,017	7,550
76	55	61 976	1 519,973	11 671,392	7,679	7,212
77	56	59 186	1 382,432	10 151,419	7,343	6,877
78	57	56 207	1 250,322	8 768,986	7,013	6,547
79	58	53 025	1 123,378	7 518,664	6,693	6,227
80	59	49 684	1 002,474	6 395,286	6,380	5,913
81	60	46 233	888,414	5 392,812	6,070	5,604
82	61	42 633	780,239	4 504,398	5,773	5,307
83	62	38 983	679,467	3 724,159	5,481	5,015
84	63	35 332	586,505	3 044,693	5,191	4,725
85	64	31 648	500,334	2 458,188	4,913	4,447
86	65	28 003	421,622	1 957,854	4,644	4,177
87	66	24 425	350,236	1 536,232	4,386	3,920
88	67	20 941	285,978	1 185,996	4,147	3,681
89	68	17 672	229,848	900,018	3,916	3,449
90	69	14 573	180,517	670,169	3,712	3,246
91	70	11 881	140,159	489,652	3,494	3,027
92	71	9 396	105,572	349,493	3,310	2,844
93	72	7 269	77,777	243,920	3,136	2,670
94	73	5 483	55,871	166,143	2,974	2,507
95	74	4 026	39,073	110,272	2,822	2,356
96	75	2 873	26,553	71,199	2,681	2,215
97	76	1 988	17,501	44,646	2,551	2,085
98	77	1 332	11,170	27,145	2,430	1,964
99	78	863	6,894	15,975	2,317	1,851
100	79	540	4,103	9,081	2,213	1,747

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß   5,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	28	94 992	8 283,634	126 121,114	15,225	14,759
1							51	29	94 588	7 855,625	117 837,481	15,000	14,534
2							52	30	94 113	7 444,016	109 981,855	14,775	14,308
3							53	31	93 616	7 052,052	102 537,839	14,540	14,074
4							54	32	93 071	6 677,151	95 485,787	14,300	13,834
5							55	33	92 462	6 317,569	88 808,636	14,057	13,591
6							56	34	91 802	5 973,838	82 491,067	13,809	13,342
7							57	35	91 095	5 645,499	76 517,229	13,554	13,087
8							58	36	90 326	5 331,288	70 871,729	13,294	12,827
9							59	37	89 489	5 030,374	65 540,441	13,029	12,563
10							60	38	88 588	4 742,581	60 510,067	12,759	12,292
11							61	39	87 618	4 467,318	55 767,486	12,483	12,017
12							62	40	86 583	4 204,302	51 300,168	12,202	11,735
13							63	41	85 484	3 953,300	47 095,866	11,913	11,447
14							64	42	84 336	3 714,465	43 142,566	11,615	11,148
15							65	43	83 073	3 484,616	39 428,101	11,315	10,849
16							66	44	81 738	3 265,359	35 943,485	11,008	10,541
17							67	45	80 296	3 054,990	32 678,126	10,697	10,230
18							68	46	78 760	2 853,865	29 623,136	10,380	9,914
19							69	47	77 143	2 662,165	26 769,271	10,055	9,589
20							70	48	75 404	2 478,239	24 107,106	9,728	9,261
21							71	49	73 557	2 302,410	21 628,867	9,394	8,928
22	0	99 154	33 895,841	650 032,712	19,177	18,711	72	50	71 576	2 133,711	19 326,457	9,058	8,591
23	1	98 789	32 162,880	616 136,870	19,157	18,690	73	51	69 482	1 972,663	17 192,746	8,716	8,249
24	2	98 711	30 607,219	583 973,991	19,080	18,613	74	52	67 243	1 818,187	15 220,084	8,371	7,905
25	3	98 641	29 129,082	553 366,772	18,997	18,531	75	53	64 787	1 668,369	13 401,896	8,033	7,567
26	4	98 576	27 723,644	524 237,689	18,909	18,443	76	54	62 174	1 524,839	11 733,527	7,695	7,229
27	5	98 507	26 384,984	496 514,046	18,818	18,352	77	55	59 397	1 387,348	10 208,688	7,358	6,892
28	6	98 435	25 110,113	470 129,061	18,723	18,256	78	56	56 419	1 255,056	8 821,340	7,029	6,562
29	7	98 367	23 897,941	445 018,949	18,622	18,155	79	57	53 238	1 127,886	7 566,284	6,708	6,242
30	8	98 294	22 743,025	421 121,008	18,516	18,050	80	58	49 904	1 006,917	6 438,398	6,394	5,928
31	9	98 224	21 644,570	398 377,983	18,405	17,939	81	59	46 452	892,629	5 431,482	6,085	5,618
32	10	98 147	20 597,742	376 733,413	18,290	17,824	82	60	42 864	784,467	4 538,853	5,786	5,320
33	11	98 068	19 601,085	356 135,671	18,169	17,703	83	61	39 209	683,394	3 754,386	5,494	5,027
34	12	97 985	18 651,959	336 534,586	18,043	17,576	84	62	35 557	590,228	3 070,992	5,203	4,737
35	13	97 900	17 748,252	317 882,627	17,911	17,444	85	63	31 863	503,728	2 480,764	4,925	4,458
36	14	97 809	16 887,386	300 134,376	17,773	17,306	86	64	28 210	424,744	1 977,036	4,655	4,188
37	15	97 712	16 067,316	283 246,990	17,629	17,162	87	65	24 617	352,993	1 552,292	4,398	3,931
38	16	97 607	15 285,762	267 179,674	17,479	17,013	88	66	21 121	288,445	1 199,299	4,158	3,691
39	17	97 485	14 539,630	251 893,912	17,325	16,858	89	67	17 835	231,966	910,854	3,927	3,460
40	18	97 357	13 829,150	237 354,282	17,163	16,697	90	68	14 716	182,288	678,887	3,724	3,258
41	19	97 210	13 150,719	223 525,132	16,997	16,531	91	69	12 008	141,664	496,600	3,505	3,039
42	20	97 057	12 504,758	210 374,413	16,824	16,357	92	70	9 507	106,812	354,936	3,323	2,857
43	21	96 887	11 888,440	197 869,655	16,644	16,177	93	71	7 364	78,792	248,124	3,149	2,683
44	22	96 694	11 299,768	185 981,215	16,459	15,992	94	72	5 563	56,692	169,332	2,987	2,520
45	23	96 480	10 737,865	174 681,447	16,268	15,801	95	73	4 092	39,719	112,640	2,836	2,370
46	24	96 244	10 201,554	163 943,582	16,070	15,604	96	74	2 927	27,056	72,921	2,695	2,229
47	25	95 987	9 689,775	153 742,027	15,866	15,400	97	75	2 032	17,885	45,865	2,565	2,098
48	26	95 688	9 199,693	144 052,253	15,658	15,192	98	76	1 366	11,451	27,981	2,444	1,977
49	27	95 359	8 731,445	134 852,559	15,444	14,978	99	77	888	7,090	16,530	2,331	1,865
							100	78	557	4,239	9,439	2,227	1,760

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß **5,00%**

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	27	95 017	8 285,860	126 257,180	15,238	14,771
1							51	28	94 612	7 857,612	117 971,320	15,014	14,547
2							52	29	94 140	7 446,152	110 113,708	14,788	14,322
3							53	30	93 642	7 054,049	102 667,556	14,554	14,088
4							54	31	93 099	6 679,168	95 613,507	14,315	13,849
5							55	32	92 494	6 319,810	88 934,339	14,072	13,606
6							56	33	91 836	5 976,023	82 614,529	13,824	13,358
7							57	34	91 133	5 647,898	76 638,506	13,569	13,103
8							58	35	90 362	5 333,410	70 990,608	13,311	12,844
9							59	36	89 531	5 032,766	65 657,198	13,046	12,580
10							60	37	88 635	4 745,113	60 624,432	12,776	12,310
11							61	38	87 667	4 469,806	55 879,319	12,502	12,035
12							62	39	86 640	4 207,085	51 409,513	12,220	11,753
13							63	40	85 545	3 956,094	47 202,428	11,932	11,465
14							64	41	84 403	3 717,445	43 246,334	11,633	11,167
15							65	42	83 147	3 487,720	39 528,889	11,334	10,867
16							66	43	81 822	3 268,706	36 041,169	11,026	10,560
17							67	44	80 386	3 058,425	32 772,463	10,715	10,249
18							68	45	78 860	2 857,492	29 714,038	10,399	9,932
19							69	46	77 252	2 665,922	26 856,546	10,074	9,608
20							70	47	75 527	2 482,298	24 190,624	9,745	9,279
21							71	48	73 687	2 306,489	21 708,327	9,412	8,945
22							72	49	71 723	2 138,110	19 401,837	9,074	8,608
23	0	99 101	32 264,600	616 438,238	19,106	18,639	73	50	69 635	1 977,018	17 263,727	8,732	8,266
24	1	98 737	30 615,300	584 173,638	19,081	18,615	74	51	67 408	1 822,647	15 286,709	8,387	7,921
25	2	98 656	29 133,421	553 558,338	19,001	18,534	75	52	64 966	1 672,962	13 464,062	8,048	7,582
26	3	98 587	27 726,742	524 424,916	18,914	18,448	76	53	62 362	1 529,437	11 791,100	7,709	7,243
27	4	98 519	26 388,129	496 698,175	18,823	18,356	77	54	59 587	1 391,789	10 261,663	7,373	6,907
28	5	98 445	25 112,651	470 310,045	18,728	18,262	78	55	56 620	1 259,519	8 869,874	7,042	6,576
29	6	98 376	23 900,023	445 197,395	18,627	18,161	79	56	53 439	1 132,156	7 610,355	6,722	6,256
30	7	98 302	22 744,977	421 297,372	18,523	18,056	80	57	50 104	1 010,957	6 478,198	6,408	5,942
31	8	98 231	21 646,164	398 552,395	18,412	17,946	81	58	46 658	896,585	5 467,241	6,098	5,631
32	9	98 154	20 599,163	376 906,231	18,297	17,831	82	59	43 068	788,189	4 570,656	5,799	5,333
33	10	98 075	19 602,476	356 307,069	18,177	17,710	83	60	39 421	687,097	3 782,467	5,505	5,039
34	11	97 993	18 653,451	336 704,592	18,051	17,584	84	61	35 762	593,639	3 095,370	5,214	4,748
35	12	97 908	17 749,681	318 051,142	17,919	17,452	85	62	32 065	506,926	2 501,731	4,935	4,469
36	13	97 817	16 888,898	300 301,461	17,781	17,315	86	63	28 402	427,625	1 994,805	4,665	4,198
37	14	97 722	16 069,057	283 412,563	17,637	17,171	87	64	24 799	355,606	1 567,180	4,407	3,941
38	15	97 619	15 287,686	267 343,505	17,488	17,021	88	65	21 288	290,716	1 211,574	4,168	3,701
39	16	97 500	14 541,867	252 055,820	17,333	16,867	89	66	17 989	233,968	920,858	3,936	3,469
40	17	97 373	13 831,370	237 513,952	17,172	16,706	90	67	14 852	183,968	686,890	3,734	3,267
41	18	97 232	13 153,723	223 682,583	17,005	16,539	91	68	12 126	143,053	502,923	3,516	3,049
42	19	97 077	12 507,342	210 528,859	16,832	16,366	92	69	9 609	107,959	359,870	3,333	2,867
43	20	96 908	11 891,080	198 021,518	16,653	16,187	93	70	7 450	79,717	251,911	3,160	2,694
44	21	96 714	11 302,134	186 130,438	16,469	16,002	94	71	5 636	57,431	172,194	2,998	2,532
45	22	96 501	10 740,274	174 828,304	16,278	15,811	95	72	4 153	40,303	114,763	2,848	2,381
46	23	96 266	10 203,887	164 088,030	16,081	15,615	96	73	2 975	27,503	74,460	2,707	2,241
47	24	96 006	9 691,734	153 884,143	15,878	15,411	97	74	2 070	18,224	46,957	2,577	2,110
48	25	95 710	9 201,717	144 192,410	15,670	15,204	98	75	1 396	11,702	28,733	2,455	1,989
49	26	95 382	8 733,512	134 990,692	15,457	14,990	99	76	910	7,268	17,031	2,343	1,877
							100	77	573	4,360	9,763	2,239	1,773

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß   5,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	26	95 040	8 287,821	126 381,676	15,249	14,783
1							51	27	94 637	7 859,724	118 093,855	15,025	14,559
2							52	28	94 164	7 448,036	110 234,131	14,800	14,334
3							53	29	93 669	7 056,073	102 786,095	14,567	14,101
4							54	30	93 125	6 681,059	95 730,022	14,329	13,862
5							55	31	92 522	6 321,719	89 048,962	14,086	13,620
6							56	32	91 869	5 978,142	82 727,244	13,838	13,372
7							57	33	91 167	5 649,964	76 749,102	13,584	13,118
8							58	34	90 400	5 335,676	71 099,137	13,325	12,859
9							59	35	89 567	5 034,768	65 763,461	13,062	12,595
10							60	36	88 677	4 747,369	60 728,693	12,792	12,326
11							61	37	87 714	4 472,193	55 981,324	12,518	12,051
12							62	38	86 688	4 209,429	51 509,131	12,237	11,770
13							63	39	85 601	3 958,713	47 299,702	11,948	11,482
14							64	40	84 463	3 720,072	43 340,989	11,651	11,184
15							65	41	83 214	3 490,518	39 620,917	11,351	10,885
16							66	42	81 895	3 271,618	36 130,400	11,044	10,577
17							67	43	80 468	3 061,560	32 858,782	10,733	10,266
18							68	44	78 949	2 860,705	29 797,222	10,416	9,950
19							69	45	77 350	2 669,310	26 936,517	10,091	9,625
20							70	46	75 634	2 485,800	24 267,207	9,762	9,296
21							71	47	73 808	2 310,267	21 781,407	9,428	8,962
22							72	48	71 850	2 141,898	19 471,140	9,091	8,624
23							73	49	69 779	1 981,095	17 329,242	8,747	8,281
24	0	99 050	30 712,126	584 453,477	19,030	18,564	74	50	67 557	1 826,671	15 348,147	8,402	7,936
25	1	98 682	29 141,114	553 741,351	19,002	18,536	75	51	65 125	1 677,065	13 521,476	8,063	7,596
26	2	98 602	27 730,872	524 600,237	18,918	18,451	76	52	62 533	1 533,648	11 844,411	7,723	7,257
27	3	98 530	26 391,078	496 869,365	18,827	18,361	77	53	59 766	1 395,986	10 310,763	7,386	6,920
28	4	98 457	25 115,644	470 478,287	18,732	18,266	78	54	56 801	1 263,551	8 914,777	7,055	6,589
29	5	98 386	23 902,438	445 362,643	18,633	18,166	79	55	53 629	1 136,182	7 651,225	6,734	6,268
30	6	98 311	22 746,958	421 460,204	18,528	18,062	80	56	50 294	1 014,785	6 515,043	6,420	5,954
31	7	98 240	21 648,022	398 713,246	18,418	17,952	81	57	46 845	900,182	5 500,258	6,110	5,644
32	8	98 161	20 600,680	377 065,224	18,304	17,837	82	58	43 259	791,682	4 600,076	5,811	5,344
33	9	98 082	19 603,829	356 464,545	18,183	17,717	83	59	39 608	690,357	3 808,394	5,517	5,050
34	10	98 000	18 654,775	336 860,716	18,058	17,591	84	60	35 956	596,856	3 118,037	5,224	4,758
35	11	97 915	17 751,100	318 205,941	17,926	17,460	85	61	32 251	509,856	2 521,181	4,945	4,478
36	12	97 825	16 890,258	300 454,841	17,789	17,322	86	62	28 582	430,339	2 011,325	4,674	4,207
37	13	97 731	16 070,497	283 564,583	17,645	17,179	87	63	24 967	358,019	1 580,986	4,416	3,950
38	14	97 630	15 289,343	267 494,086	17,495	17,029	88	64	21 445	292,868	1 222,967	4,176	3,709
39	15	97 512	14 543,697	252 204,744	17,341	16,875	89	65	18 130	235,810	930,099	3,944	3,478
40	16	97 388	13 833,498	237 661,047	17,180	16,714	90	66	14 980	185,555	694,289	3,742	3,275
41	17	97 248	13 155,834	223 827,549	17,014	16,547	91	67	12 238	144,371	508,734	3,524	3,057
42	18	97 099	12 510,199	210 671,714	16,840	16,374	92	68	9 703	109,017	364,363	3,342	2,876
43	19	96 928	11 893,536	198 161,515	16,661	16,195	93	69	7 530	80,573	255,346	3,169	2,703
44	20	96 736	11 304,643	186 267,979	16,477	16,011	94	70	5 702	58,105	174,773	3,008	2,541
45	21	96 522	10 742,523	174 963,336	16,287	15,821	95	71	4 207	40,828	116,667	2,858	2,391
46	22	96 288	10 206,176	164 220,813	16,090	15,624	96	72	3 019	27,907	75,839	2,718	2,251
47	23	96 028	9 693,950	154 014,637	15,888	15,421	97	73	2 104	18,525	47,932	2,587	2,121
48	24	95 729	9 203,578	144 320,687	15,681	15,215	98	74	1 422	11,924	29,407	2,466	2,000
49	25	95 403	8 735,433	135 117,109	15,468	15,001	99	75	930	7,428	17,483	2,354	1,887
							100	76	588	4,470	10,055	2,250	1,783

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß   5,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	25	95 061	8 289,645	126 495,577	15,259	14,793
1							51	26	94 660	7 861,584	118 205,932	15,036	14,569
2							52	27	94 189	7 450,037	110 344,348	14,811	14,345
3							53	28	93 693	7 057,858	102 894,311	14,579	14,112
4							54	29	93 152	6 682,977	95 836,453	14,340	13,874
5							55	30	92 549	6 323,509	89 153,476	14,099	13,632
6							56	31	91 896	5 979,948	82 829,967	13,851	13,385
7							57	32	91 199	5 651,968	76 850,019	13,597	13,131
8							58	33	90 433	5 337,628	71 198,052	13,339	12,872
9							59	34	89 605	5 036,908	65 860,424	13,076	12,609
10							60	35	88 712	4 749,258	60 823,516	12,807	12,341
11							61	36	87 755	4 474,319	56 074,258	12,532	12,066
12							62	37	86 734	4 211,677	51 599,938	12,252	11,785
13							63	38	85 649	3 960,918	47 388,262	11,964	11,498
14							64	39	84 519	3 722,534	43 427,344	11,666	11,200
15							65	40	83 272	3 492,985	39 704,809	11,367	10,901
16							66	41	81 960	3 274,242	36 211,825	11,060	10,593
17							67	42	80 540	3 064,287	32 937,583	10,749	10,282
18							68	43	79 030	2 863,637	29 873,295	10,432	9,966
19							69	44	77 437	2 672,311	27 009,658	10,107	9,641
20							70	45	75 730	2 488,959	24 337,347	9,778	9,312
21							71	46	73 912	2 313,527	21 848,388	9,444	8,977
22							72	47	71 968	2 145,406	19 534,861	9,105	8,639
23							73	48	69 903	1 984,604	17 389,455	8,762	8,296
24							74	49	67 696	1 830,438	15 404,851	8,416	7,950
25	0	98 994	29 233,277	554 001,251	18,951	18,485	75	50	65 269	1 680,768	13 574,413	8,076	7,610
26	1	98 628	27 738,194	524 767,974	18,919	18,452	76	51	62 687	1 537,410	11 893,645	7,736	7,270
27	2	98 545	26 395,009	497 029,780	18,830	18,364	77	52	59 931	1 399,829	10 356,236	7,398	6,932
28	3	98 468	25 118,451	470 634,771	18,737	18,270	78	53	56 973	1 267,362	8 956,406	7,067	6,601
29	4	98 397	23 905,287	445 516,320	18,637	18,170	79	54	53 801	1 139,820	7 689,044	6,746	6,279
30	5	98 321	22 749,258	421 611,033	18,533	18,067	80	55	50 473	1 018,393	6 549,225	6,431	5,965
31	6	98 248	21 649,907	398 861,775	18,423	17,957	81	56	47 022	903,591	5 530,831	6,121	5,655
32	7	98 169	20 602,448	377 211,868	18,309	17,843	82	57	43 432	794,859	4 627,240	5,821	5,355
33	8	98 089	19 605,273	356 609,420	18,189	17,723	83	58	39 784	693,417	3 832,382	5,527	5,060
34	9	98 007	18 656,061	337 004,148	18,064	17,598	84	59	36 127	599,687	3 138,965	5,234	4,768
35	10	97 922	17 752,360	318 348,086	17,933	17,466	85	60	32 425	512,619	2 539,278	4,954	4,487
36	11	97 833	16 891,609	300 595,726	17,796	17,329	86	61	28 747	432,827	2 026,659	4,682	4,216
37	12	97 739	16 071,791	283 704,117	17,652	17,186	87	62	25 126	360,291	1 593,833	4,424	3,957
38	13	97 638	15 290,712	267 632,327	17,503	17,037	88	63	21 591	294,855	1 233,541	4,184	3,717
39	14	97 522	14 545,273	252 341,614	17,349	16,882	89	64	18 265	237,555	938,686	3,951	3,485
40	15	97 400	13 835,239	237 796,341	17,188	16,721	90	65	15 098	187,015	701,131	3,749	3,283
41	16	97 263	13 157,859	223 961,102	17,021	16,555	91	66	12 344	145,617	514,115	3,531	3,064
42	17	97 115	12 512,207	210 803,243	16,848	16,381	92	67	9 793	110,022	368,498	3,349	2,883
43	18	96 951	11 896,253	198 291,036	16,668	16,202	93	68	7 604	81,363	258,476	3,177	2,710
44	19	96 756	11 306,978	186 394,783	16,485	16,019	94	69	5 763	58,729	177,113	3,016	2,549
45	20	96 543	10 744,908	175 087,804	16,295	15,829	95	70	4 256	41,308	118,384	2,866	2,399
46	21	96 308	10 208,313	164 342,896	16,099	15,633	96	71	3 059	28,271	77,076	2,726	2,260
47	22	96 050	9 696,125	154 134,584	15,897	15,430	97	72	2 135	18,797	48,805	2,596	2,130
48	23	95 751	9 205,682	144 438,459	15,690	15,224	98	73	1 446	12,121	30,008	2,476	2,009
49	24	95 422	8 737,200	135 232,777	15,478	15,011	99	74	948	7,569	17,887	2,363	1,897
							100	75	601	4,568	10,318	2,259	1,793

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß   5,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	0	100 000	100 000,000	1 926 174,596	19,262	18,795	50	50	93 336	7 226,729	100 866,805	13,957	13,491
1	1	99 299	94 346,004	1 826 174,596	19,356	18,889	51	51	92 757	6 823,715	93 640,076	13,723	13,256
2	2	99 240	89 586,923	1 731 828,593	19,331	18,864	52	52	92 093	6 436,878	86 816,362	13,487	13,021
3	3	99 207	85 089,476	1 642 241,669	19,300	18,833	53	53	91 380	6 068,477	80 379,484	13,245	12,779
4	4	99 182	80 824,834	1 557 152,193	19,266	18,799	54	54	90 602	5 716,709	74 311,007	12,999	12,532
5	5	99 157	76 773,842	1 476 327,360	19,230	18,763	55	55	89 754	5 380,689	68 594,298	12,748	12,281
6	6	99 136	72 929,016	1 399 553,517	19,191	18,724	56	56	88 831	5 059,712	63 213,609	12,494	12,027
7	7	99 117	69 277,871	1 326 624,502	19,149	18,683	57	57	87 851	4 754,284	58 153,897	12,232	11,765
8	8	99 101	65 811,133	1 257 346,631	19,105	18,639	58	58	86 796	4 462,886	53 399,613	11,965	11,498
9	9	99 085	62 518,580	1 191 535,497	19,059	18,592	59	59	85 653	4 184,436	48 936,727	11,695	11,228
10	10	99 070	59 391,314	1 129 016,917	19,010	18,543	60	60	84 435	3 919,177	44 752,291	11,419	10,952
11	11	99 055	56 419,754	1 069 625,604	18,958	18,492	61	61	83 107	3 665,128	40 833,114	11,141	10,674
12	12	99 038	53 596,580	1 013 205,850	18,904	18,438	62	62	81 707	3 423,638	37 167,986	10,856	10,389
13	13	99 019	50 913,351	959 609,269	18,848	18,381	63	63	80 218	3 193,594	33 744,348	10,566	10,099
14	14	98 999	48 364,033	908 695,918	18,789	18,322	64	64	78 670	2 975,743	30 550,754	10,267	9,800
15	15	98 974	45 939,699	860 331,885	18,727	18,261	65	65	76 991	2 766,970	27 575,011	9,966	9,499
16	16	98 944	43 634,910	814 392,187	18,664	18,197	66	66	75 240	2 569,138	24 808,041	9,656	9,189
17	17	98 903	41 441,202	770 757,277	18,599	18,132	67	67	73 362	2 380,074	22 238,903	9,344	8,877
18	18	98 853	39 354,408	729 316,075	18,532	18,065	68	68	71 392	2 200,638	19 858,829	9,024	8,557
19	19	98 783	37 364,822	689 961,667	18,466	17,999	69	69	69 345	2 030,916	17 658,191	8,695	8,228
20	20	98 714	35 476,341	652 596,844	18,395	17,928	70	70	67 172	1 869,134	15 627,276	8,361	7,894
21	21	98 639	33 681,129	617 120,503	18,322	17,856	71	71	64 881	1 715,325	13 758,142	8,021	7,554
22	22	98 566	31 977,085	583 439,374	18,246	17,779	72	72	62 449	1 568,672	12 042,816	7,677	7,210
23	23	98 491	30 359,072	551 462,290	18,165	17,698	73	73	59 876	1 429,029	10 474,144	7,330	6,863
24	24	98 417	28 823,054	521 103,218	18,079	17,613	74	74	57 144	1 295,799	9 045,115	6,980	6,514
25	25	98 342	27 364,069	492 280,163	17,990	17,523	75	75	54 182	1 167,334	7 749,316	6,638	6,172
26	26	98 266	25 979,495	464 915,695	17,895	17,429	76	76	51 034	1 044,675	6 581,982	6,301	5,834
27	27	98 186	24 663,425	438 936,199	17,797	17,330	77	77	47 712	927,958	5 537,307	5,967	5,500
28	28	98 098	23 412,060	414 272,774	17,695	17,228	78	78	44 221	817,156	4 609,349	5,641	5,174
29	29	98 014	22 225,249	390 860,714	17,586	17,120	79	79	40 542	711,803	3 792,193	5,328	4,861
30	30	97 921	21 096,685	368 635,466	17,474	17,007	80	80	36 771	613,386	3 080,390	5,022	4,555
31	31	97 831	20 025,861	347 538,781	17,354	16,888	81	81	32 943	522,120	2 467,004	4,725	4,258
32	32	97 732	19 007,623	327 512,920	17,231	16,764	82	82	29 089	438,047	1 944,883	4,440	3,973
33	33	97 625	18 039,827	308 505,297	17,101	16,635	83	83	25 277	361,657	1 506,836	4,166	3,700
34	34	97 515	17 120,632	290 465,471	16,966	16,499	84	84	21 610	293,757	1 145,179	3,898	3,432
35	35	97 396	16 246,827	273 344,838	16,825	16,358	85	85	18 078	233,497	851,421	3,646	3,180
36	36	97 276	15 417,314	257 098,011	16,676	16,209	86	86	14 781	181,385	617,924	3,407	2,940
37	37	97 144	14 628,422	241 680,697	16,521	16,055	87	87	11 769	137,225	436,540	3,181	2,714
38	38	97 000	13 878,139	227 052,275	16,360	15,894	88	88	9 075	100,537	299,315	2,977	2,510
39	39	96 839	13 164,054	213 174,136	16,194	15,727	89	89	6 784	71,406	198,778	2,784	2,317
40	40	96 664	12 484,792	200 010,081	16,020	15,554	90	90	4 850	48,501	127,372	2,626	2,159
41	41	96 472	11 838,451	187 525,290	15,840	15,374	91	91	3 378	32,094	78,871	2,458	1,991
42	42	96 263	11 223,527	175 686,838	15,653	15,187	92	92	2 223	20,064	46,777	2,331	1,865
43	43	96 030	10 637,898	164 463,311	15,460	14,993	93	93	1 412	12,112	26,713	2,205	1,739
44	44	95 760	10 078,912	153 825,413	15,262	14,795	94	94	857	6,982	14,600	2,091	1,624
45	45	95 463	9 546,378	143 746,501	15,058	14,591	95	95	495	3,833	7,618	1,987	1,521
46	46	95 130	9 038,616	134 200,122	14,847	14,381	96	96	272	1,999	3,785	1,893	1,426
47	47	94 761	8 554,446	125 161,506	14,631	14,164	97	97	141	0,988	1,786	1,808	1,341
48	48	94 333	8 091,026	116 607,060	14,412	13,945	98	98	69	0,461	0,798	1,730	1,264
49	49	93 864	7 649,229	108 516,034	14,187	13,720	99	99	32	0,203	0,337	1,660	1,193
							100	100	14	0,084	0,134	1,597	1,130

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß   5,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	1	99 685	99 684,731	1 924 601,646	19,307	18,840	50	51	93 130	7 210,808	100 010,428	13,870	13,403
1	2	99 273	94 321,100	1 824 916,915	19,348	18,881	51	52	92 530	6 807,018	92 799,620	13,633	13,166
2	3	99 226	89 573,580	1 730 595,815	19,320	18,854	52	53	91 840	6 419,206	85 992,602	13,396	12,929
3	4	99 196	85 079,969	1 641 022,235	19,288	18,821	53	54	91 105	6 050,232	79 573,395	13,152	12,685
4	5	99 170	80 815,201	1 555 942,267	19,253	18,786	54	55	90 313	5 698,465	73 523,164	12,902	12,435
5	6	99 147	76 766,082	1 475 127,066	19,216	18,749	55	56	89 436	5 361,625	67 824,698	12,650	12,183
6	7	99 128	72 922,664	1 398 360,983	19,176	18,709	56	57	88 496	5 040,626	62 463,074	12,392	11,925
7	8	99 109	69 271,925	1 325 438,319	19,134	18,667	57	58	87 500	4 735,283	57 422,448	12,127	11,660
8	9	99 093	65 806,287	1 256 166,394	19,089	18,622	58	59	86 413	4 443,194	52 687,165	11,858	11,391
9	10	99 078	62 514,267	1 190 360,107	19,041	18,575	59	60	85 248	4 164,677	48 243,971	11,584	11,117
10	11	99 063	59 387,099	1 127 845,840	18,991	18,525	60	61	83 980	3 898,055	44 079,293	11,308	10,841
11	12	99 047	56 415,242	1 068 458,742	18,939	18,472	61	62	82 629	3 644,065	40 181,238	11,026	10,560
12	13	99 030	53 592,266	1 012 043,499	18,884	18,417	62	63	81 191	3 402,043	36 537,173	10,740	10,273
13	14	99 010	50 908,790	958 451,233	18,827	18,360	63	64	79 678	3 172,076	33 135,130	10,446	9,979
14	15	98 989	48 358,791	907 542,443	18,767	18,300	64	65	78 092	2 953,873	29 963,054	10,144	9,677
15	16	98 961	45 933,920	859 183,652	18,705	18,238	65	66	76 390	2 745,360	27 009,181	9,838	9,371
16	17	98 928	43 628,195	813 249,732	18,640	18,174	66	67	74 596	2 547,161	24 263,821	9,526	9,059
17	18	98 887	41 434,552	769 621,536	18,574	18,108	67	68	72 692	2 358,339	21 716,660	9,208	8,742
18	19	98 831	39 345,419	728 186,984	18,508	18,041	68	69	70 699	2 179,268	19 358,321	8,883	8,416
19	20	98 763	37 357,105	688 841,565	18,439	17,973	69	70	68 609	2 009,344	17 179,053	8,550	8,083
20	21	98 693	35 468,466	651 484,460	18,368	17,901	70	71	66 392	1 847,443	15 169,708	8,211	7,744
21	22	98 619	33 674,080	616 015,994	18,293	17,827	71	72	64 045	1 693,237	13 322,265	7,868	7,401
22	23	98 543	31 969,911	582 341,915	18,215	17,749	72	73	61 545	1 545,962	11 629,029	7,522	7,055
23	24	98 469	30 352,133	550 372,004	18,133	17,666	73	74	58 903	1 405,791	10 083,067	7,173	6,706
24	25	98 397	28 817,228	520 019,871	18,045	17,579	74	75	56 081	1 271,688	8 677,276	6,823	6,357
25	26	98 321	27 358,449	491 202,643	17,954	17,488	75	76	53 019	1 142,285	7 405,588	6,483	6,016
26	27	98 243	25 973,347	463 844,194	17,858	17,392	76	77	49 784	1 019,088	6 263,303	6,146	5,679
27	28	98 160	24 656,800	437 870,847	17,759	17,292	77	78	46 390	902,232	5 244,215	5,812	5,346
28	29	98 073	23 406,139	413 214,048	17,654	17,187	78	79	42 803	790,951	4 341,983	5,490	5,023
29	30	97 986	22 218,872	389 807,908	17,544	17,077	79	80	39 070	685,960	3 551,032	5,177	4,710
30	31	97 894	21 090,714	367 589,036	17,429	16,962	80	81	35 235	587,768	2 865,072	4,874	4,408
31	32	97 801	20 019,812	346 498,322	17,308	16,841	81	82	31 375	497,273	2 277,304	4,580	4,113
32	33	97 697	19 000,885	326 478,510	17,182	16,715	82	83	27 485	413,891	1 780,031	4,301	3,834
33	34	97 589	18 033,231	307 477,625	17,051	16,584	83	84	23 692	338,977	1 366,140	4,030	3,563
34	35	97 474	17 113,360	289 444,394	16,913	16,447	84	85	20 047	272,514	1 027,163	3,769	3,302
35	36	97 358	16 240,365	272 331,034	16,769	16,302	85	86	16 582	214,174	754,649	3,524	3,057
36	37	97 230	15 409,988	256 090,669	16,618	16,152	86	87	13 388	164,294	540,474	3,290	2,823
37	38	97 092	14 620,615	240 680,681	16,462	15,995	87	88	10 495	122,364	376,180	3,074	2,607
38	39	96 946	13 870,413	226 060,067	16,298	15,831	88	89	7 966	88,242	253,816	2,876	2,410
39	40	96 775	13 155,346	212 189,653	16,130	15,663	89	90	5 824	61,301	165,574	2,701	2,234
40	41	96 596	12 475,975	199 034,308	15,953	15,487	90	91	4 099	40,993	104,273	2,544	2,077
41	42	96 395	11 828,963	186 558,333	15,771	15,305	91	92	2 778	26,391	63,279	2,398	1,931
42	43	96 177	11 213,538	174 729,371	15,582	15,115	92	93	1 802	16,268	36,888	2,268	1,801
43	44	95 932	10 627,005	163 515,833	15,387	14,920	93	94	1 119	9,602	20,620	2,148	1,681
44	45	95 653	10 067,592	152 888,828	15,186	14,719	94	95	663	5,405	11,018	2,039	1,572
45	46	95 341	9 534,262	142 821,236	14,980	14,513	95	96	374	2,894	5,613	1,940	1,473
46	47	94 996	9 025,880	133 286,974	14,767	14,300	96	97	200	1,470	2,720	1,850	1,383
47	48	94 606	8 540,458	124 261,094	14,550	14,083	97	98	101	0,706	1,250	1,769	1,302
48	49	94 166	8 076,717	115 720,635	14,328	13,861	98	99	48	0,320	0,543	1,695	1,228
49	50	93 671	7 633,489	107 643,918	14,102	13,635	99	100	22	0,137	0,223	1,628	1,161

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß   5,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	2	99 658	99 658,418	1 923 237,871	19,298	18,832	50	52	92 902	7 193,165	99 086,333	13,775	13,308
1	3	99 258	94 307,051	1 823 579,452	19,337	18,870	51	53	92 276	6 788,331	91 893,168	13,537	13,070
2	4	99 215	89 563,572	1 729 272,401	19,308	18,841	52	54	91 564	6 399,907	85 104,838	13,298	12,831
3	5	99 184	85 069,829	1 639 708,829	19,275	18,808	53	55	90 815	6 030,924	78 704,931	13,050	12,583
4	6	99 160	80 807,033	1 554 639,001	19,239	18,772	54	56	89 993	5 678,275	72 674,007	12,799	12,332
5	7	99 138	76 759,397	1 473 831,968	19,201	18,734	55	57	89 099	5 341,399	66 995,732	12,543	12,076
6	8	99 119	72 916,405	1 397 072,571	19,160	18,693	56	58	88 142	5 020,481	61 654,333	12,281	11,814
7	9	99 101	69 266,824	1 324 156,165	19,117	18,650	57	59	87 113	4 714,390	56 633,852	12,013	11,546
8	10	99 086	65 801,747	1 254 889,342	19,071	18,604	58	60	86 005	4 422,213	51 919,462	11,741	11,274
9	11	99 071	62 509,830	1 189 087,595	19,022	18,556	59	61	84 789	4 142,233	47 497,249	11,467	11,000
10	12	99 055	59 382,349	1 126 577,764	18,972	18,505	60	62	83 497	3 875,654	43 355,017	11,187	10,720
11	13	99 039	56 410,701	1 067 195,415	18,918	18,452	61	63	82 108	3 621,080	39 479,363	10,903	10,436
12	14	99 021	53 587,465	1 010 784,714	18,862	18,396	62	64	80 644	3 379,120	35 858,283	10,612	10,145
13	15	99 000	50 903,273	957 197,249	18,804	18,337	63	65	79 092	3 148,763	32 479,162	10,315	9,848
14	16	98 976	48 352,708	906 293,976	18,743	18,277	64	66	77 482	2 930,804	29 330,399	10,008	9,541
15	17	98 946	45 926,852	857 941,268	18,681	18,214	65	67	75 736	2 721,875	26 399,595	9,699	9,232
16	18	98 913	43 621,194	812 014,416	18,615	18,148	66	68	73 915	2 523,900	23 677,720	9,381	8,915
17	19	98 864	41 425,088	768 393,222	18,549	18,082	67	69	71 986	2 335,438	21 153,820	9,058	8,591
18	20	98 810	39 337,293	726 968,134	18,480	18,014	68	70	69 948	2 156,121	18 818,383	8,728	8,261
19	21	98 741	37 348,812	687 630,841	18,411	17,944	69	71	67 813	1 986,026	16 662,261	8,390	7,923
20	22	98 672	35 461,043	650 282,029	18,338	17,871	70	72	65 537	1 823,653	14 676,235	8,048	7,581
21	23	98 597	33 666,525	614 820,986	18,262	17,795	71	73	63 118	1 668,723	12 852,582	7,702	7,235
22	24	98 521	31 962,604	581 154,461	18,182	17,716	72	74	60 544	1 520,822	11 183,859	7,354	6,887
23	25	98 449	30 345,997	549 191,857	18,098	17,631	73	75	57 807	1 379,633	9 663,037	7,004	6,537
24	26	98 376	28 810,893	518 845,860	18,009	17,542	74	76	54 878	1 244,400	8 283,404	6,657	6,190
25	27	98 297	27 351,974	490 034,971	17,916	17,449	75	77	51 721	1 114,307	7 039,004	6,317	5,850
26	28	98 217	25 966,369	462 682,997	17,819	17,352	76	78	48 404	990,835	5 924,697	5,979	5,513
27	29	98 135	24 650,565	436 716,628	17,716	17,249	77	79	44 902	873,299	4 933,862	5,650	5,183
28	30	98 045	23 399,424	412 066,063	17,610	17,143	78	80	41 249	762,235	4 060,563	5,327	4,860
29	31	97 958	22 212,583	388 666,639	17,498	17,031	79	81	37 438	657,311	3 298,328	5,018	4,551
30	32	97 864	21 084,344	366 454,056	17,380	16,914	80	82	33 558	559,796	2 641,017	4,718	4,251
31	33	97 767	20 012,716	345 369,712	17,258	16,791	81	83	29 645	469,851	2 081,221	4,430	3,963
32	34	97 661	18 993,938	325 356,996	17,130	16,663	82	84	25 762	387,936	1 611,371	4,154	3,687
33	35	97 548	18 025,571	306 363,059	16,996	16,529	83	85	21 979	314,464	1 223,435	3,891	3,424
34	36	97 435	17 106,553	288 337,488	16,855	16,389	84	86	18 388	249,962	908,971	3,636	3,170
35	37	97 311	16 232,647	271 230,935	16,709	16,242	85	87	15 020	193,994	659,009	3,397	2,930
36	38	97 178	15 401,764	254 998,288	16,556	16,090	86	88	11 938	146,502	465,015	3,174	2,707
37	39	97 038	14 612,475	239 596,524	16,397	15,930	87	89	9 211	107,401	318,512	2,966	2,499
38	40	96 882	13 861,234	224 984,049	16,231	15,764	88	90	6 838	75,755	211,112	2,787	2,320
39	41	96 707	13 146,055	211 122,812	16,060	15,593	89	91	4 923	51,812	135,357	2,612	2,146
40	42	96 518	12 465,975	197 976,757	15,881	15,415	90	92	3 371	33,709	83,545	2,478	2,012
41	43	96 309	11 818,434	185 510,781	15,697	15,230	91	93	2 252	21,397	49,836	2,329	1,862
42	44	96 078	11 202,056	173 692,348	15,505	15,039	92	94	1 429	12,896	28,438	2,205	1,738
43	45	95 824	10 615,070	162 490,292	15,308	14,841	93	95	867	7,433	15,542	2,091	1,624
44	46	95 532	10 054,814	151 875,222	15,105	14,638	94	96	501	4,080	8,109	1,987	1,521
45	47	95 207	9 520,827	141 820,408	14,896	14,429	95	97	275	2,128	4,029	1,893	1,426
46	48	94 841	9 011,122	132 299,581	14,682	14,215	96	98	143	1,051	1,901	1,808	1,341
47	49	94 439	8 525,355	123 288,460	14,461	13,995	97	99	70	0,491	0,849	1,731	1,264
48	50	93 973	8 060,098	114 763,105	14,238	13,772	98	100	33	0,216	0,359	1,660	1,194
49	51	93 465	7 616,673	106 703,006	14,009	13,542							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß   5,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$
0	3	99 644	99 643,575	1 921 788,533	19,287	18,820	50	53	92 647	7 173,417	98 091,186	13,674	13,207
1	4	99 247	94 296,514	1 822 144,959	19,324	18,857	51	54	91 999	6 767,921	90 917,769	13,434	12,967
2	5	99 203	89 552,898	1 727 848,444	19,294	18,827	52	55	91 271	6 379,483	84 149,848	13,191	12,724
3	6	99 174	85 061,230	1 638 295,547	19,260	18,793	53	56	90 493	6 009,555	77 770,364	12,941	12,474
4	7	99 152	80 799,995	1 553 234,316	19,223	18,756	54	57	89 654	5 656,855	71 760,809	12,686	12,219
5	8	99 130	76 752,809	1 472 434,321	19,184	18,717	55	58	88 742	5 320,052	66 103,954	12,425	11,959
6	9	99 112	72 911,036	1 395 681,512	19,142	18,675	56	59	87 753	4 998,329	60 783,902	12,161	11,694
7	10	99 095	69 262,045	1 322 770,477	19,098	18,631	57	60	86 702	4 692,128	55 785,573	11,889	11,422
8	11	99 079	65 797,077	1 253 508,431	19,051	18,584	58	61	85 541	4 398,380	51 093,444	11,616	11,150
9	12	99 063	62 504,832	1 187 711,354	19,002	18,535	59	62	84 302	4 118,428	46 695,064	11,338	10,871
10	13	99 047	59 377,569	1 125 206,523	18,950	18,483	60	63	82 970	3 851,208	42 576,636	11,055	10,589
11	14	99 030	56 405,648	1 065 828,953	18,896	18,429	61	64	81 555	3 596,682	38 725,428	10,767	10,300
12	15	99 011	53 581,657	1 009 423,306	18,839	18,372	62	65	80 052	3 354,286	35 128,746	10,473	10,006
13	16	98 987	50 896,869	955 841,648	18,780	18,313	63	66	78 474	3 124,171	31 774,460	10,171	9,704
14	17	98 961	48 345,268	904 944,779	18,718	18,252	64	67	76 819	2 905,733	28 650,289	9,860	9,393
15	18	98 930	45 919,482	856 599,511	18,654	18,188	65	68	75 045	2 697,018	25 744,556	9,546	9,079
16	19	98 890	43 611,231	810 680,029	18,589	18,122	66	69	73 197	2 499,391	23 047,538	9,221	8,754
17	20	98 844	41 416,532	767 068,799	18,521	18,054	67	70	71 222	2 310,632	20 548,147	8,893	8,426
18	21	98 788	39 328,560	725 652,266	18,451	17,984	68	71	69 136	2 131,100	18 237,515	8,558	8,091
19	22	98 720	37 340,995	686 323,706	18,380	17,913	69	72	66 939	1 960,452	16 106,415	8,216	7,749
20	23	98 650	35 453,088	648 982,711	18,305	17,839	70	73	64 589	1 797,251	14 145,963	7,871	7,404
21	24	98 574	33 658,830	613 529,623	18,228	17,761	71	74	62 092	1 641,587	12 348,712	7,522	7,056
22	25	98 501	31 956,143	579 870,793	18,146	17,679	72	75	59 417	1 492,524	10 707,125	7,174	6,707
23	26	98 427	30 339,322	547 914,650	18,060	17,593	73	76	56 566	1 350,029	9 214,601	6,825	6,359
24	27	98 352	28 804,070	517 575,329	17,969	17,502	74	77	53 534	1 213,921	7 864,572	6,479	6,012
25	28	98 271	27 344,626	488 771,258	17,874	17,408	75	78	50 287	1 083,415	6 650,651	6,139	5,672
26	29	98 192	25 959,803	461 426,632	17,775	17,308	76	79	46 852	959,061	5 567,237	5,805	5,338
27	30	98 107	24 643,492	435 466,829	17,671	17,204	77	80	43 272	841,593	4 608,176	5,476	5,009
28	31	98 017	23 392,801	410 823,337	17,562	17,095	78	81	39 526	730,400	3 766,583	5,157	4,690
29	32	97 928	22 205,875	387 430,536	17,447	16,980	79	82	35 657	626,029	3 036,183	4,850	4,383
30	33	97 829	21 076,870	365 224,662	17,328	16,861	80	83	31 708	528,926	2 410,154	4,557	4,090
31	34	97 731	20 005,398	344 147,792	17,203	16,736	81	84	27 786	440,386	1 881,228	4,272	3,805
32	35	97 620	18 985,870	324 142,393	17,073	16,606	82	85	23 899	359,882	1 440,842	4,004	3,537
33	36	97 509	18 018,401	305 156,524	16,936	16,469	83	86	20 160	288,440	1 080,960	3,748	3,281
34	37	97 388	17 098,424	287 138,123	16,793	16,326	84	87	16 655	226,410	792,520	3,500	3,034
35	38	97 259	16 223,984	270 039,699	16,644	16,178	85	88	13 393	172,986	566,110	3,273	2,806
36	39	97 124	15 393,189	253 815,715	16,489	16,022	86	89	10 478	128,587	393,124	3,057	2,590
37	40	96 974	14 602,808	238 422,526	16,327	15,860	87	90	7 908	92,202	264,537	2,869	2,402
38	41	96 813	13 851,448	223 819,717	16,159	15,692	88	91	5 780	64,028	172,335	2,692	2,225
39	42	96 629	13 135,518	209 968,269	15,985	15,518	89	92	4 048	42,606	108,307	2,542	2,075
40	43	96 433	12 454,879	196 832,751	15,804	15,337	90	93	2 733	27,331	65,701	2,404	1,937
41	44	96 210	11 806,332	184 377,871	15,617	15,150	91	94	1 785	16,963	38,370	2,262	1,795
42	45	95 971	11 189,474	172 571,539	15,423	14,956	92	95	1 106	9,983	21,408	2,144	1,678
43	46	95 702	10 601,597	161 382,065	15,222	14,756	93	96	654	5,612	11,425	2,036	1,569
44	47	95 397	10 040,646	150 780,468	15,017	14,550	94	97	368	3,000	5,813	1,938	1,471
45	48	95 051	9 505,259	140 739,823	14,807	14,340	95	98	197	1,522	2,813	1,848	1,381
46	49	94 673	8 995,186	131 234,563	14,589	14,123	96	99	99	0,730	1,291	1,767	1,300
47	50	94 245	8 507,813	122 239,377	14,368	13,901	97	100	47	0,331	0,560	1,694	1,227
48	51	93 766	8 042,342	113 731,564	14,142	13,675							
49	52	93 236	7 598,036	105 689,222	13,910	13,443							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß   5,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	4	99 632	99 632,441	1 920 235,614	19,273	18,806	50	54	92 368	7 151,850	97 022,049	13,566	13,099
1	5	99 235	94 285,276	1 820 603,172	19,310	18,843	51	55	91 705	6 746,323	89 870,199	13,321	12,855
2	6	99 193	89 543,846	1 726 317,896	19,279	18,812	52	56	90 948	6 356,880	83 123,876	13,076	12,609
3	7	99 165	85 053,822	1 636 774,050	19,244	18,777	53	57	90 151	5 986,886	76 766,997	12,823	12,356
4	8	99 143	80 793,060	1 551 720,228	19,206	18,739	54	58	89 295	5 634,247	70 780,110	12,562	12,096
5	9	99 123	76 747,156	1 470 927,168	19,166	18,699	55	59	88 351	5 296,578	65 145,863	12,300	11,833
6	10	99 105	72 906,006	1 394 180,011	19,123	18,656	56	60	87 339	4 974,727	59 849,285	12,031	11,564
7	11	99 088	69 257,130	1 321 274,005	19,078	18,611	57	61	86 235	4 666,841	54 874,558	11,758	11,292
8	12	99 071	65 791,815	1 252 016,875	19,030	18,563	58	62	85 050	4 373,104	50 207,717	11,481	11,014
9	13	99 055	62 499,800	1 186 225,060	18,980	18,513	59	63	83 770	4 092,451	45 834,613	11,200	10,733
10	14	99 039	59 372,250	1 123 725,260	18,927	18,460	60	64	82 411	3 825,259	41 742,163	10,912	10,445
11	15	99 019	56 399,534	1 064 353,009	18,872	18,405	61	65	80 956	3 570,248	37 916,904	10,620	10,153
12	16	98 998	53 574,917	1 007 953,475	18,814	18,347	62	66	79 427	3 328,089	34 346,656	10,320	9,853
13	17	98 972	50 889,038	954 378,558	18,754	18,287	63	67	77 803	3 097,446	31 018,566	10,014	9,547
14	18	98 945	48 337,510	903 489,520	18,691	18,224	64	68	76 118	2 879,197	27 921,120	9,698	9,231
15	19	98 908	45 908,993	855 152,011	18,627	18,160	65	69	74 316	2 670,829	25 041,923	9,376	8,909
16	20	98 869	43 602,223	809 243,017	18,560	18,093	66	70	72 420	2 472,844	22 371,094	9,047	8,580
17	21	98 822	41 407,338	765 640,794	18,490	18,024	67	71	70 395	2 283,818	19 898,250	8,713	8,246
18	22	98 768	39 320,329	724 233,456	18,419	17,952	68	72	68 246	2 103,657	17 614,433	8,373	7,906
19	23	98 698	37 332,619	684 913,127	18,346	17,879	69	73	65 970	1 932,069	15 510,775	8,028	7,561
20	24	98 627	35 444,984	647 580,508	18,270	17,803	70	74	63 538	1 768,025	13 578,706	7,680	7,213
21	25	98 554	33 652,026	612 135,524	18,190	17,723	71	75	60 936	1 611,041	11 810,681	7,331	6,864
22	26	98 479	31 949,113	578 483,498	18,106	17,640	72	76	58 142	1 460,497	10 199,640	6,984	6,517
23	27	98 404	30 332,141	546 534,385	18,018	17,552	73	77	55 181	1 316,963	8 739,143	6,636	6,169
24	28	98 326	28 796,332	516 202,244	17,926	17,459	74	78	52 049	1 180,267	7 422,180	6,289	5,822
25	29	98 246	27 337,711	487 405,911	17,829	17,362	75	79	48 674	1 048,671	6 241,913	5,952	5,485
26	30	98 164	25 952,354	460 068,200	17,727	17,261	76	80	45 151	924,241	5 193,242	5,619	5,152
27	31	98 079	24 636,517	434 115,845	17,621	17,154	77	81	41 464	806,443	4 269,000	5,294	4,827
28	32	97 987	23 385,736	409 479,328	17,510	17,043	78	82	37 645	695,640	3 462,557	4,978	4,511
29	33	97 894	22 198,003	386 093,593	17,393	16,926	79	83	33 690	591,507	2 766,918	4,678	4,211
30	34	97 794	21 069,164	363 895,590	17,271	16,805	80	84	29 719	495,756	2 175,410	4,388	3,921
31	35	97 690	19 996,901	342 826,426	17,144	16,677	81	85	25 776	408,539	1 679,654	4,111	3,645
32	36	97 581	18 978,318	322 829,525	17,010	16,544	82	86	21 921	330,100	1 271,115	3,851	3,384
33	37	97 463	18 009,838	303 851,207	16,871	16,405	83	87	18 260	261,263	941,015	3,602	3,135
34	38	97 337	17 089,298	285 841,369	16,726	16,260	84	88	14 852	201,892	679,752	3,367	2,900
35	39	97 205	16 214,952	268 752,071	16,574	16,108	85	89	11 756	151,832	477,860	3,147	2,680
36	40	97 059	15 383,006	252 537,118	16,417	15,950	86	90	8 996	110,390	326,028	2,953	2,487
37	41	96 905	14 592,496	237 154,112	16,252	15,785	87	91	6 684	77,929	215,638	2,767	2,300
38	42	96 736	13 840,346	222 561,617	16,081	15,614	88	92	4 753	52,651	137,709	2,616	2,149
39	43	96 543	13 123,827	208 721,271	15,904	15,437	89	93	3 282	34,544	85,058	2,462	1,996
40	44	96 334	12 442,126	195 597,444	15,721	15,254	90	94	2 167	21,666	50,514	2,331	1,865
41	45	96 102	11 793,072	183 155,318	15,531	15,064	91	95	1 382	13,131	28,848	2,197	1,730
42	46	95 849	11 175,272	171 362,246	15,334	14,867	92	96	835	7,537	15,717	2,085	1,619
43	47	95 567	10 586,658	160 186,974	15,131	14,664	93	97	481	4,126	8,180	1,983	1,516
44	48	95 241	10 024,228	149 600,316	14,924	14,457	94	98	263	2,146	4,054	1,889	1,422
45	49	94 883	9 488,450	139 576,088	14,710	14,243	95	99	137	1,057	1,908	1,804	1,338
46	50	94 478	8 976,677	130 087,638	14,492	14,025	96	100	67	0,492	0,851	1,728	1,261
47	51	94 037	8 489,070	121 110,961	14,267	13,800							
48	52	93 536	8 022,664	112 621,890	14,038	13,571							
49	53	92 980	7 577,177	104 599,226	13,805	13,338							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß   5,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	5	99 621	99 620,567	1 918 568,471	19,259	18,792	50	55	92 074	7 129,027	95 875,714	13,449	12,982
1	6	99 225	94 275,746	1 818 947,904	19,294	18,827	51	56	91 380	6 722,420	88 746,687	13,202	12,735
2	7	99 184	89 536,048	1 724 672,158	19,262	18,796	52	57	90 605	6 332,900	82 024,267	12,952	12,485
3	8	99 157	85 046,523	1 635 136,110	19,226	18,760	53	58	89 791	5 962,959	75 691,367	12,694	12,227
4	9	99 136	80 787,110	1 550 089,588	19,187	18,721	54	59	88 901	5 609,387	69 728,408	12,431	11,964
5	10	99 116	76 741,862	1 469 302,477	19,146	18,679	55	60	87 934	5 271,568	64 119,020	12,163	11,696
6	11	99 098	72 900,832	1 392 560,615	19,102	18,635	56	61	86 868	4 947,916	58 847,453	11,893	11,427
7	12	99 080	69 251,592	1 319 659,783	19,056	18,589	57	62	85 739	4 640,022	53 899,536	11,616	11,149
8	13	99 064	65 786,519	1 250 408,192	19,007	18,540	58	63	84 513	4 345,520	49 259,515	11,336	10,869
9	14	99 046	62 494,201	1 184 621,673	18,956	18,489	59	64	83 205	4 064,876	44 913,995	11,049	10,582
10	15	99 028	59 365,815	1 122 127,471	18,902	18,435	60	65	81 806	3 797,146	40 849,118	10,758	10,291
11	16	99 007	56 392,440	1 062 761,656	18,846	18,379	61	66	80 323	3 542,365	37 051,973	10,460	9,993
12	17	98 983	53 566,673	1 006 369,216	18,787	18,320	62	67	78 747	3 299,620	33 509,608	10,156	9,689
13	18	98 956	50 880,872	952 802,543	18,726	18,259	63	68	77 092	3 069,160	30 209,988	9,843	9,376
14	19	98 922	48 326,469	901 921,671	18,663	18,196	64	69	75 379	2 851,238	27 140,828	9,519	9,052
15	20	98 887	45 899,511	853 595,202	18,597	18,130	65	70	73 527	2 642,460	24 289,590	9,192	8,725
16	21	98 848	43 592,544	807 695,691	18,528	18,062	66	71	71 579	2 444,147	21 647,130	8,857	8,390
17	22	98 801	41 398,672	764 103,147	18,457	17,990	67	72	69 489	2 254,408	19 202,983	8,518	8,051
18	23	98 746	39 311,509	722 704,475	18,384	17,917	68	73	67 258	2 073,201	16 948,574	8,175	7,708
19	24	98 675	37 324,085	683 392,967	18,310	17,843	69	74	64 897	1 900,651	14 875,373	7,826	7,360
20	25	98 607	35 437,819	646 068,882	18,231	17,764	70	75	62 356	1 735,127	12 974,722	7,478	7,011
21	26	98 533	33 644,623	610 631,063	18,149	17,683	71	76	59 629	1 576,472	11 239,595	7,130	6,663
22	27	98 456	31 941,552	576 986,439	18,064	17,597	72	77	56 718	1 424,726	9 663,123	6,782	6,316
23	28	98 377	30 323,993	545 044,887	17,974	17,507	73	78	53 651	1 280,452	8 238,398	6,434	5,967
24	29	98 301	28 789,051	514 720,894	17,879	17,412	74	79	50 380	1 142,417	6 957,946	6,091	5,624
25	30	98 218	27 329,868	485 931,844	17,780	17,313	75	80	46 907	1 010,598	5 815,529	5,755	5,288
26	31	98 136	25 945,009	458 601,976	17,676	17,209	76	81	43 265	885,640	4 804,930	5,425	4,959
27	32	98 049	24 629,076	432 656,967	17,567	17,100	77	82	39 491	768,064	3 919,290	5,103	4,636
28	33	97 953	23 377,446	408 027,891	17,454	16,987	78	83	35 569	657,279	3 151,226	4,794	4,328
29	34	97 858	22 189,887	384 650,445	17,334	16,868	79	84	31 578	554,413	2 493,947	4,498	4,032
30	35	97 752	21 060,214	362 460,558	17,211	16,744	80	85	27 570	459,905	1 939,534	4,217	3,750
31	36	97 651	19 988,947	341 400,344	17,079	16,613	81	86	23 643	374,730	1 479,628	3,949	3,482
32	37	97 535	18 969,299	321 411,397	16,944	16,477	82	87	19 855	298,997	1 104,898	3,695	3,229
33	38	97 411	18 000,227	302 442,098	16,802	16,335	83	88	16 283	232,970	805,901	3,459	2,992
34	39	97 282	17 079,785	284 441,872	16,654	16,187	84	89	13 036	177,203	572,931	3,233	2,766
35	40	97 141	16 204,225	267 362,087	16,500	16,033	85	90	10 092	130,345	395,728	3,036	2,569
36	41	96 991	15 372,142	251 157,862	16,339	15,872	86	91	7 603	93,302	265,382	2,844	2,378
37	42	96 828	14 580,800	235 785,720	16,171	15,704	87	92	5 496	64,082	172,080	2,685	2,219
38	43	96 650	13 828,027	221 204,920	15,997	15,530	88	93	3 853	42,688	107,998	2,530	2,063
39	44	96 445	13 110,389	207 376,893	15,818	15,351	89	94	2 602	27,384	65,310	2,385	1,918
40	45	96 226	12 428,152	194 266,504	15,631	15,164	90	95	1 677	16,772	37,926	2,261	1,794
41	46	95 980	11 778,104	181 838,352	15,439	14,972	91	96	1 043	9,913	21,153	2,134	1,667
42	47	95 714	11 159,525	170 060,248	15,239	14,772	92	97	614	5,542	11,240	2,028	1,561
43	48	95 411	10 569,347	158 900,724	15,034	14,567	93	98	344	2,951	5,698	1,931	1,464
44	49	95 072	10 006,501	148 331,376	14,824	14,357	94	99	183	1,491	2,747	1,843	1,376
45	50	94 688	9 468,926	138 324,875	14,608	14,142	95	100	92	0,713	1,256	1,762	1,295
46	51	94 270	8 956,902	128 855,949	14,386	13,919							
47	52	93 807	8 468,299	119 899,048	14,159	13,692							
48	53	93 279	8 000,639	111 430,748	13,928	13,461							
49	54	92 701	7 554,396	103 430,109	13,691	13,225							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß   5,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	6	99 610	99 610,498	1 916 780,794	19,243	18,776	50	56	91 747	7 103,767	94 648,402	13,324	12,857
1	7	99 217	94 267,536	1 817 170,296	19,277	18,810	51	57	91 036	6 697,062	87 544,635	13,072	12,605
2	8	99 176	89 528,363	1 722 902,760	19,244	18,777	52	58	90 243	6 307,590	80 847,573	12,818	12,351
3	9	99 150	85 040,259	1 633 374,397	19,207	18,740	53	59	89 395	5 936,649	74 539,983	12,556	12,089
4	10	99 129	80 781,537	1 548 334,138	19,167	18,700	54	60	88 482	5 582,900	68 603,334	12,288	11,821
5	11	99 109	76 736,416	1 467 552,600	19,125	18,658	55	61	87 460	5 243,158	63 020,435	12,020	11,553
6	12	99 090	72 895,002	1 390 816,185	19,080	18,613	56	62	86 369	4 919,482	57 777,277	11,745	11,278
7	13	99 072	69 246,017	1 317 921,183	19,032	18,566	57	63	85 198	4 610,754	52 857,795	11,464	10,997
8	14	99 055	65 780,626	1 248 675,166	18,982	18,516	58	64	83 944	4 316,240	48 247,041	11,178	10,711
9	15	99 036	62 487,428	1 182 894,539	18,930	18,463	59	65	82 594	4 035,002	43 930,801	10,887	10,421
10	16	99 015	59 358,348	1 120 407,112	18,875	18,409	60	66	81 167	3 767,490	39 895,799	10,589	10,123
11	17	98 991	56 383,762	1 061 048,764	18,818	18,352	61	67	79 636	3 512,063	36 128,308	10,287	9,820
12	18	98 967	53 558,077	1 004 665,002	18,758	18,292	62	68	78 028	3 269,487	32 616,246	9,976	9,509
13	19	98 933	50 869,250	951 106,924	18,697	18,230	63	69	76 344	3 039,356	29 346,759	9,656	9,189
14	20	98 902	48 316,488	900 237,674	18,632	18,165	64	70	74 578	2 820,954	26 307,403	9,326	8,859
15	21	98 865	45 889,322	851 921,187	18,565	18,098	65	71	72 673	2 611,795	23 486,449	8,992	8,526
16	22	98 827	43 583,420	806 031,865	18,494	18,027	66	72	70 657	2 412,673	20 874,653	8,652	8,185
17	23	98 779	41 389,385	762 448,444	18,421	17,955	67	73	68 483	2 221,770	18 461,980	8,310	7,843
18	24	98 723	39 302,523	721 059,059	18,346	17,880	68	74	66 164	2 039,489	16 240,210	7,963	7,496
19	25	98 656	37 316,540	681 756,536	18,270	17,803	69	75	63 690	1 865,285	14 200,722	7,613	7,146
20	26	98 586	35 430,023	644 439,996	18,189	17,722	70	76	61 018	1 697,894	12 335,437	7,265	6,798
21	27	98 509	33 636,661	609 009,973	18,106	17,639	71	77	58 168	1 537,859	10 637,543	6,917	6,450
22	28	98 430	31 932,971	575 373,312	18,018	17,551	72	78	55 146	1 385,227	9 099,683	6,569	6,102
23	29	98 352	30 316,325	543 440,341	17,926	17,459	73	79	51 930	1 239,390	7 714,456	6,224	5,758
24	30	98 273	28 780,790	513 124,016	17,829	17,362	74	80	48 551	1 100,941	6 475,067	5,881	5,415
25	31	98 190	27 322,132	484 343,226	17,727	17,260	75	81	44 948	968,390	5 374,126	5,550	5,083
26	32	98 106	25 937,173	457 021,093	17,620	17,154	76	82	41 206	843,492	4 405,735	5,223	4,756
27	33	98 015	24 620,346	431 083,920	17,509	17,042	77	83	37 313	725,710	3 562,243	4,909	4,442
28	34	97 917	23 368,899	406 463,575	17,393	16,927	78	84	33 339	616,060	2 836,533	4,604	4,138
29	35	97 816	22 180,461	383 094,676	17,272	16,805	79	85	29 294	514,320	2 220,473	4,317	3,851
30	36	97 713	21 051,837	360 914,215	17,144	16,677	80	86	25 288	421,846	1 706,153	4,044	3,578
31	37	97 604	19 979,448	339 862,378	17,011	16,544	81	87	21 416	339,422	1 284,307	3,784	3,317
32	38	97 483	18 959,175	319 882,930	16,872	16,405	82	88	17 705	266,618	944,885	3,544	3,077
33	39	97 357	17 990,206	300 923,754	16,727	16,260	83	89	14 292	204,481	678,267	3,317	2,850
34	40	97 218	17 068,485	282 933,549	16,576	16,110	84	90	11 191	152,126	473,786	3,114	2,648
35	41	97 072	16 192,781	265 865,063	16,419	15,952	85	91	8 530	110,168	321,660	2,920	2,453
36	42	96 913	15 359,821	249 672,282	16,255	15,788	86	92	6 252	76,723	211,491	2,757	2,290
37	43	96 741	14 567,822	234 312,461	16,084	15,617	87	93	4 456	51,956	134,768	2,594	2,127
38	44	96 551	13 813,868	219 744,639	15,908	15,441	88	94	3 055	33,841	82,812	2,447	1,980
39	45	96 336	13 095,664	205 930,771	15,725	15,258	89	95	2 014	21,199	48,971	2,310	1,843
40	46	96 103	12 412,378	192 835,107	15,536	15,069	90	96	1 266	12,662	27,772	2,193	1,727
41	47	95 845	11 761,507	180 422,730	15,340	14,873	91	97	767	7,289	15,110	2,073	1,606
42	48	95 557	11 141,278	168 661,222	15,138	14,672	92	98	439	3,964	7,821	1,973	1,506
43	49	95 242	10 550,656	157 519,945	14,930	14,463	93	99	239	2,050	3,857	1,881	1,414
44	50	94 877	9 985,911	146 969,289	14,718	14,251	94	100	123	1,005	1,807	1,797	1,331
45	51	94 480	9 448,066	136 983,378	14,499	14,032							
46	52	94 040	8 934,986	127 535,311	14,274	13,807							
47	53	93 549	8 445,051	118 600,326	14,044	13,577							
48	54	92 999	7 976,585	110 155,275	13,810	13,343							
49	55	92 405	7 530,288	102 178,690	13,569	13,102							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß   5,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	7	99 602	99 601,823	1 914 863,458	19,225	18,758	50	57	91 401	7 076,971	93 337,590	13,189	12,722
1	8	99 208	94 259,445	1 815 261,635	19,258	18,791	51	58	90 672	6 670,296	86 260,619	12,932	12,465
2	9	99 168	89 521,770	1 721 002,190	19,224	18,758	52	59	89 845	6 279,759	79 590,323	12,674	12,207
3	10	99 143	85 034,393	1 631 480,420	19,186	18,719	53	60	88 973	5 908,616	73 310,564	12,407	11,941
4	11	99 122	80 775,804	1 546 446,027	19,145	18,678	54	61	88 005	5 552,811	67 401,948	12,138	11,672
5	12	99 101	76 730,279	1 465 670,223	19,102	18,635	55	62	86 957	5 213,027	61 849,137	11,864	11,398
6	13	99 082	72 889,134	1 388 939,944	19,056	18,589	56	63	85 824	4 888,452	56 636,110	11,586	11,119
7	14	99 063	69 239,814	1 316 050,810	19,007	18,540	57	64	84 624	4 579,687	51 747,658	11,299	10,833
8	15	99 044	65 773,497	1 246 810,996	18,956	18,489	58	65	83 327	4 284,519	47 167,971	11,009	10,542
9	16	99 023	62 479,568	1 181 037,499	18,903	18,436	59	66	81 949	4 003,489	42 883,452	10,712	10,245
10	17	99 000	59 349,214	1 118 557,932	18,847	18,380	60	67	80 472	3 735,262	38 879,963	10,409	9,942
11	18	98 975	56 374,714	1 059 208,718	18,789	18,322	61	68	78 909	3 479,989	35 144,701	10,099	9,632
12	19	98 944	53 545,844	1 002 834,003	18,729	18,262	62	69	77 270	3 237,738	31 664,711	9,780	9,313
13	20	98 913	50 858,743	949 288,159	18,665	18,198	63	70	75 533	3 007,074	28 426,973	9,453	8,987
14	21	98 880	48 305,762	898 429,416	18,599	18,132	64	71	73 713	2 788,217	25 419,900	9,117	8,650
15	22	98 844	45 879,718	850 123,654	18,529	18,063	65	72	71 738	2 578,163	22 631,683	8,778	8,311
16	23	98 805	43 573,643	804 243,936	18,457	17,990	66	73	69 634	2 377,743	20 053,520	8,434	7,967
17	24	98 756	41 379,924	760 670,293	18,383	17,916	67	74	67 369	2 185,641	17 675,776	8,087	7,620
18	25	98 703	39 294,578	719 290,369	18,305	17,838	68	75	64 933	2 001,539	15 490,135	7,739	7,272
19	26	98 634	37 308,332	679 995,790	18,226	17,760	69	76	62 323	1 825,260	13 488,597	7,390	6,923
20	27	98 562	35 421,638	642 687,459	18,144	17,677	70	77	59 524	1 656,308	11 663,337	7,042	6,575
21	28	98 483	33 627,624	607 265,820	18,059	17,592	71	78	56 556	1 495,224	10 007,029	6,693	6,226
22	29	98 405	31 924,896	573 638,196	17,968	17,502	72	79	53 377	1 340,805	8 511,804	6,348	5,881
23	30	98 324	30 307,626	541 713,300	17,874	17,407	73	80	50 045	1 194,393	7 170,999	6,004	5,537
24	31	98 245	28 772,644	511 405,674	17,774	17,307	74	81	46 523	1 054,960	5 976,607	5,665	5,198
25	32	98 160	27 313,881	482 633,029	17,670	17,203	75	82	42 809	922,304	4 921,647	5,336	4,869
26	33	98 072	25 927,979	455 319,149	17,561	17,094	76	83	38 934	796,978	3 999,343	5,018	4,551
27	34	97 979	24 611,344	429 391,170	17,447	16,980	77	84	34 973	680,200	3 202,365	4,708	4,241
28	35	97 875	23 358,972	404 779,826	17,329	16,862	78	85	30 928	571,509	2 522,165	4,413	3,946
29	36	97 777	22 171,639	381 420,854	17,203	16,736	79	86	26 870	471,758	1 950,656	4,135	3,668
30	37	97 667	21 041,833	359 249,215	17,073	16,606	80	87	22 906	382,099	1 478,898	3,870	3,404
31	38	97 552	19 968,785	338 207,382	16,937	16,470	81	88	19 096	302,666	1 096,800	3,624	3,157
32	39	97 428	18 948,621	318 238,597	16,795	16,328	82	89	15 540	234,014	794,134	3,394	2,927
33	40	97 292	17 978,304	299 289,977	16,647	16,180	83	90	12 269	175,543	560,120	3,191	2,724
34	41	97 149	17 056,431	281 311,672	16,493	16,026	84	91	9 458	128,577	384,576	2,991	2,524
35	42	96 994	16 179,803	264 255,241	16,332	15,866	85	92	7 014	90,593	255,999	2,826	2,359
36	43	96 827	15 346,150	248 075,438	16,165	15,699	86	93	5 069	62,205	165,406	2,659	2,192
37	44	96 642	14 552,905	232 729,288	15,992	15,525	87	94	3 533	41,188	103,201	2,506	2,039
38	45	96 442	13 798,353	218 176,383	15,812	15,345	88	95	2 365	26,197	62,012	2,367	1,900
39	46	96 214	13 079,042	204 378,030	15,626	15,160	89	96	1 521	16,004	35,815	2,238	1,771
40	47	95 968	12 394,887	191 298,988	15,434	14,967	90	97	931	9,310	19,812	2,128	1,661
41	48	95 688	11 742,276	178 904,101	15,236	14,769	91	98	549	5,213	10,501	2,014	1,547
42	49	95 388	11 121,575	167 161,825	15,030	14,564	92	99	305	2,754	5,288	1,920	1,453
43	50	95 046	10 528,947	156 040,250	14,820	14,353	93	100	161	1,382	2,534	1,833	1,366
44	51	94 668	9 963,912	145 511,303	14,604	14,137							
45	52	94 248	9 424,949	135 547,391	14,382	13,915							
46	53	93 781	8 910,456	126 122,443	14,154	13,688							
47	54	93 268	8 419,660	117 211,987	13,921	13,454							
48	55	92 702	7 951,130	108 792,326	13,683	13,216							
49	56	92 077	7 503,607	100 841,197	13,439	12,972							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß   5,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	8	99 593	99 593,274	1 912 807,491	19,206	18,739	50	58	91 036	7 048,687	91 939,878	13,044	12,577
1	9	99 201	94 252,503	1 813 214,217	19,238	18,771	51	59	90 272	6 640,865	84 891,191	12,783	12,316
2	10	99 161	89 515,594	1 718 961,713	19,203	18,736	52	60	89 420	6 250,106	78 250,326	12,520	12,053
3	11	99 136	85 028,358	1 629 446,119	19,164	18,697	53	61	88 493	5 876,772	72 000,220	12,252	11,785
4	12	99 114	80 769,345	1 544 417,761	19,121	18,655	54	62	87 499	5 520,901	66 123,448	11,977	11,510
5	13	99 093	76 724,103	1 463 648,417	19,077	18,610	55	63	86 409	5 180,145	60 602,547	11,699	11,232
6	14	99 073	72 882,605	1 386 924,314	19,030	18,563	56	64	85 246	4 855,514	55 422,402	11,414	10,948
7	15	99 052	69 232,309	1 314 041,709	18,980	18,513	57	65	84 002	4 546,029	50 566,889	11,123	10,657
8	16	99 031	65 765,223	1 244 809,400	18,928	18,461	58	66	82 676	4 251,057	46 020,859	10,826	10,359
9	17	99 008	62 469,954	1 179 044,177	18,874	18,407	59	67	81 248	3 969,242	41 769,802	10,523	10,057
10	18	98 984	59 339,690	1 116 574,223	18,817	18,350	60	68	79 738	3 701,151	37 800,560	10,213	9,746
11	19	98 953	56 361,838	1 057 234,533	18,758	18,291	61	69	78 143	3 446,197	34 099,409	9,895	9,428
12	20	98 924	53 534,785	1 000 872,695	18,696	18,229	62	70	76 450	3 203,348	30 653,213	9,569	9,102
13	21	98 891	50 847,453	947 337,910	18,631	18,164	63	71	74 656	2 972,177	27 449,864	9,236	8,769
14	22	98 859	48 295,652	896 490,457	18,563	18,096	64	72	72 763	2 752,313	24 477,687	8,893	8,427
15	23	98 822	45 869,426	848 194,805	18,492	18,025	65	73	70 699	2 540,837	21 725,374	8,550	8,084
16	24	98 782	43 563,683	802 325,380	18,417	17,951	66	74	68 502	2 339,078	19 184,537	8,202	7,735
17	25	98 736	41 371,560	758 761,696	18,340	17,873	67	75	66 115	2 144,972	16 845,459	7,853	7,387
18	26	98 681	39 285,934	717 390,137	18,261	17,794	68	76	63 540	1 958,590	14 700,487	7,506	7,039
19	27	98 610	37 299,502	678 104,202	18,180	17,713	69	77	60 797	1 780,554	12 741,897	7,156	6,689
20	28	98 536	35 412,122	640 804,700	18,096	17,629	70	78	57 873	1 610,389	10 961,343	6,807	6,340
21	29	98 458	33 619,121	605 392,578	18,007	17,541	71	79	54 742	1 447,275	9 350,954	6,461	5,994
22	30	98 376	31 915,736	571 773,457	17,915	17,448	72	80	51 439	1 292,126	7 903,679	6,117	5,650
23	31	98 296	30 299,048	539 857,721	17,818	17,351	73	81	47 955	1 144,508	6 611,553	5,777	5,310
24	32	98 215	28 763,954	509 558,673	17,715	17,248	74	82	44 309	1 004,754	5 467,045	5,441	4,974
25	33	98 126	27 304,198	480 794,718	17,609	17,142	75	83	40 448	871,444	4 462,291	5,121	4,654
26	34	98 036	25 918,499	453 490,520	17,497	17,030	76	84	36 492	746,998	3 590,847	4,807	4,340
27	35	97 937	24 600,889	427 572,021	17,380	16,914	77	85	32 444	631,010	2 843,849	4,507	4,040
28	36	97 836	23 349,681	402 971,132	17,258	16,791	78	86	28 368	524,214	2 212,838	4,221	3,754
29	37	97 731	22 161,102	379 621,451	17,130	16,663	79	87	24 338	427,308	1 688,624	3,952	3,485
30	38	97 615	21 030,603	357 460,349	16,997	16,530	80	88	20 425	340,720	1 261,316	3,702	3,235
31	39	97 498	19 957,668	336 429,745	16,857	16,390	81	89	16 761	265,654	920,596	3,465	2,999
32	40	97 364	18 936,085	316 472,077	16,713	16,246	82	90	13 341	200,897	654,942	3,260	2,793
33	41	97 224	17 965,608	297 535,992	16,561	16,095	83	91	10 370	148,370	454,045	3,060	2,593
34	42	97 071	17 042,761	279 570,384	16,404	15,937	84	92	7 778	105,731	305,675	2,891	2,424
35	43	96 908	16 165,402	262 527,624	16,240	15,773	85	93	5 687	73,450	199,944	2,722	2,255
36	44	96 728	15 330,436	246 362,222	16,070	15,603	86	94	4 018	49,313	126,494	2,565	2,098
37	45	96 534	14 536,560	231 031,786	15,893	15,426	87	95	2 735	31,884	77,181	2,421	1,954
38	46	96 320	13 780,840	216 495,226	15,710	15,243	88	96	1 785	19,777	45,296	2,290	1,824
39	47	96 078	13 060,612	202 714,387	15,521	15,054	89	97	1 118	11,768	25,519	2,169	1,702
40	48	95 811	12 374,620	189 653,774	15,326	14,859	90	98	666	6,659	13,751	2,065	1,598
41	49	95 519	11 721,511	177 279,154	15,124	14,657	91	99	381	3,622	7,092	1,958	1,491
42	50	95 192	11 098,691	165 557,643	14,917	14,450	92	100	206	1,856	3,470	1,869	1,402
43	51	94 837	10 505,751	154 458,953	14,702	14,236							
44	52	94 436	9 939,532	143 953,201	14,483	14,016							
45	53	93 990	9 399,074	134 013,669	14,258	13,791							
46	54	93 499	8 883,666	124 614,595	14,027	13,561							
47	55	92 971	8 392,791	115 730,929	13,789	13,323							
48	56	92 374	7 922,957	107 338,138	13,548	13,081							
49	57	91 730	7 475,302	99 415,180	13,299	12,832							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß   5,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$
0	9	99 586	99 585,940	1 910 604,991	19,185	18,719	50	59	90 634	7 017,586	90 451,844	12,889	12,423
1	10	99 194	94 246,001	1 811 019,051	19,216	18,749	51	60	89 846	6 609,507	83 434,258	12,623	12,157
2	11	99 154	89 509,241	1 716 773,050	19,180	18,713	52	61	88 939	6 216,422	76 824,751	12,358	11,892
3	12	99 128	85 021,558	1 627 263,809	19,139	18,673	53	62	87 985	5 843,000	70 608,329	12,084	11,617
4	13	99 106	80 762,843	1 542 242,250	19,096	18,629	54	63	86 947	5 486,077	64 765,329	11,805	11,339
5	14	99 084	76 717,230	1 461 479,407	19,050	18,583	55	64	85 827	5 145,242	59 279,252	11,521	11,054
6	15	99 063	72 874,705	1 384 762,178	19,002	18,535	56	65	84 619	4 819,829	54 134,010	11,232	10,765
7	16	99 040	69 223,601	1 311 887,472	18,951	18,485	57	66	83 346	4 510,525	49 314,182	10,933	10,466
8	17	99 016	65 755,103	1 242 663,872	18,898	18,432	58	67	81 969	4 214,692	44 803,656	10,630	10,164
9	18	98 992	62 459,929	1 176 908,768	18,843	18,376	59	68	80 506	3 932,994	40 588,964	10,320	9,853
10	19	98 962	59 326,136	1 114 448,839	18,785	18,318	60	69	78 963	3 665,210	36 655,970	10,001	9,534
11	20	98 932	56 350,197	1 055 122,703	18,724	18,258	61	70	77 313	3 409,593	32 990,760	9,676	9,209
12	21	98 902	53 522,901	998 772,506	18,661	18,194	62	71	75 562	3 166,174	29 581,167	9,343	8,876
13	22	98 870	50 836,811	945 249,606	18,594	18,127	63	72	73 695	2 933,904	26 414,992	9,003	8,537
14	23	98 837	48 284,818	894 412,794	18,524	18,057	64	73	71 710	2 712,466	23 481,088	8,657	8,190
15	24	98 800	45 858,941	846 127,976	18,451	17,984	65	74	69 549	2 499,520	20 768,623	8,309	7,842
16	25	98 762	43 554,877	800 269,036	18,374	17,907	66	75	67 227	2 295,554	18 269,103	7,958	7,492
17	26	98 715	41 362,459	756 714,158	18,295	17,828	67	76	64 697	2 098,945	15 973,549	7,610	7,143
18	27	98 658	39 276,637	715 351,699	18,213	17,746	68	77	61 984	1 910,618	13 874,604	7,262	6,795
19	28	98 584	37 289,482	676 075,063	18,130	17,664	69	78	59 111	1 731,190	11 963,986	6,911	6,444
20	29	98 511	35 403,168	638 785,581	18,043	17,576	70	79	56 017	1 558,747	10 232,795	6,565	6,098
21	30	98 430	33 609,475	603 382,414	17,953	17,486	71	80	52 755	1 394,730	8 674,048	6,219	5,752
22	31	98 349	31 906,703	569 772,939	17,857	17,391	72	81	49 291	1 238,159	7 279,318	5,879	5,412
23	32	98 267	30 289,897	537 866,236	17,757	17,290	73	82	45 673	1 090,041	6 041,159	5,542	5,075
24	33	98 180	28 753,758	507 576,339	17,653	17,186	74	83	41 866	949,347	4 951,118	5,215	4,748
25	34	98 090	27 294,215	478 822,580	17,543	17,076	75	84	37 911	816,795	4 001,771	4,899	4,433
26	35	97 994	25 907,489	451 528,365	17,428	16,962	76	85	33 853	692,979	3 184,976	4,596	4,129
27	36	97 898	24 591,104	425 620,876	17,308	16,841	77	86	29 759	578,791	2 491,997	4,306	3,839
28	37	97 790	23 338,585	401 029,772	17,183	16,716	78	87	25 695	474,821	1 913,206	4,029	3,563
29	38	97 679	22 149,275	377 691,187	17,052	16,585	79	88	21 702	381,034	1 438,385	3,775	3,308
30	39	97 560	21 018,895	355 541,911	16,915	16,449	80	89	17 927	299,055	1 057,351	3,536	3,069
31	40	97 433	19 944,465	334 523,016	16,773	16,306	81	90	14 389	228,059	758,296	3,325	2,858
32	41	97 295	18 922,712	314 578,551	16,624	16,158	82	91	11 276	169,799	530,237	3,123	2,656
33	42	97 146	17 951,208	295 655,839	16,470	16,003	83	92	8 527	122,007	360,438	2,954	2,487
34	43	96 985	17 027,591	277 704,631	16,309	15,842	84	93	6 306	85,724	238,431	2,781	2,315
35	44	96 809	16 148,849	260 677,040	16,142	15,675	85	94	4 508	58,228	152,707	2,623	2,156
36	45	96 619	15 313,218	244 528,191	15,968	15,502	86	95	3 111	38,174	94,479	2,475	2,008
37	46	96 411	14 518,110	229 214,973	15,788	15,321	87	96	2 065	24,071	56,305	2,339	1,872
38	47	96 184	13 761,421	214 696,863	15,601	15,135	88	97	1 313	14,542	32,234	2,217	1,750
39	48	95 921	13 039,257	200 935,442	15,410	14,943	89	98	800	8,417	17,692	2,102	1,635
40	49	95 642	12 352,737	187 896,186	15,211	14,744	90	99	463	4,627	9,276	2,005	1,538
41	50	95 322	11 697,392	175 543,449	15,007	14,540	91	100	257	2,442	4,649	1,904	1,437
42	51	94 982	11 074,240	163 846,057	14,795	14,328							
43	52	94 605	10 480,046	152 771,817	14,577	14,111							
44	53	94 177	9 912,245	142 291,771	14,355	13,888							
45	54	93 707	9 370,815	132 379,526	14,127	13,660							
46	55	93 201	8 855,317	123 008,711	13,891	13,424							
47	56	92 641	8 363,054	114 153,395	13,650	13,183							
48	57	92 025	7 893,070	105 790,341	13,403	12,936							
49	58	91 363	7 445,426	97 897,270	13,149	12,682							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß   5,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	10	99 579	99 579,070	1 908 246,690	19,163	18,696	50	60	90 206	6 984,449	88 871,487	12,724	12,257
1	11	99 187	94 239,313	1 808 667,620	19,192	18,725	51	61	89 361	6 573,886	81 887,038	12,456	11,990
2	12	99 146	89 502,083	1 714 428,307	19,155	18,688	52	62	88 427	6 180,698	75 313,152	12,185	11,718
3	13	99 120	85 014,714	1 624 926,224	19,113	18,647	53	63	87 430	5 806,144	69 132,454	11,907	11,440
4	14	99 097	80 755,608	1 539 911,509	19,069	18,602	54	64	86 361	5 449,113	63 326,310	11,621	11,155
5	15	99 073	76 708,915	1 459 155,901	19,022	18,555	55	65	85 196	5 107,427	57 877,197	11,332	10,865
6	16	99 050	72 865,538	1 382 446,986	18,973	18,506	56	66	83 958	4 782,186	52 769,770	11,035	10,568
7	17	99 024	69 212,949	1 309 581,448	18,921	18,454	57	67	82 633	4 471,941	47 987,583	10,731	10,264
8	18	99 000	65 744,552	1 240 368,499	18,866	18,400	58	68	81 220	4 176,203	43 515,642	10,420	9,953
9	19	98 969	62 445,662	1 174 623,947	18,810	18,344	59	69	79 724	3 894,802	39 339,440	10,100	9,634
10	20	98 941	59 313,883	1 112 178,285	18,751	18,284	60	70	78 125	3 626,280	35 444,638	9,774	9,308
11	21	98 910	56 337,688	1 052 864,402	18,688	18,222	61	71	76 416	3 370,025	31 818,357	9,442	8,975
12	22	98 881	53 511,699	996 526,714	18,623	18,156	62	72	74 589	3 125,403	28 448,332	9,102	8,635
13	23	98 848	50 825,407	943 015,015	18,554	18,087	63	73	72 628	2 891,428	25 322,929	8,758	8,291
14	24	98 815	48 273,781	892 189,608	18,482	18,015	64	74	70 544	2 668,358	22 431,501	8,406	7,940
15	25	98 780	45 849,671	843 915,827	18,406	17,939	65	75	68 255	2 453,010	19 763,144	8,057	7,590
16	26	98 740	43 545,296	798 066,156	18,327	17,860	66	76	65 785	2 246,296	17 310,134	7,706	7,239
17	27	98 691	41 352,670	754 520,860	18,246	17,779	67	77	63 112	2 047,536	15 063,838	7,357	6,890
18	28	98 631	39 266,085	713 168,190	18,162	17,696	68	78	60 265	1 857,649	13 016,302	7,007	6,540
19	29	98 559	37 280,052	673 902,105	18,077	17,610	69	79	57 216	1 675,674	11 158,653	6,659	6,192
20	30	98 483	35 393,010	636 622,053	17,987	17,520	70	80	53 984	1 502,155	9 482,979	6,313	5,846
21	31	98 402	33 599,962	601 229,044	17,894	17,427	71	81	50 551	1 336,479	7 980,823	5,972	5,505
22	32	98 319	31 897,066	567 629,081	17,796	17,329	72	82	46 945	1 179,235	6 644,345	5,634	5,168
23	33	98 232	30 279,160	535 732,015	17,693	17,226	73	83	43 154	1 029,931	5 465,110	5,306	4,839
24	34	98 145	28 743,245	505 452,855	17,585	17,118	74	84	39 240	889,812	4 435,179	4,984	4,518
25	35	98 048	27 282,621	476 709,610	17,473	17,006	75	85	35 170	757,728	3 545,367	4,679	4,212
26	36	97 955	25 897,184	449 426,988	17,354	16,887	76	86	31 052	635,632	2 787,639	4,386	3,919
27	37	97 852	24 579,418	423 529,804	17,231	16,764	77	87	26 955	524,256	2 152,007	4,105	3,638
28	38	97 738	23 326,129	398 950,386	17,103	16,636	78	88	22 913	423,402	1 627,751	3,844	3,378
29	39	97 624	22 136,945	375 624,256	16,968	16,501	79	89	19 049	334,438	1 204,349	3,601	3,134
30	40	97 496	21 004,990	353 487,312	16,829	16,362	80	90	15 390	256,733	869,911	3,388	2,922
31	41	97 365	19 930,380	332 482,321	16,682	16,215	81	91	12 162	192,757	613,178	3,181	2,714
32	42	97 217	18 907,546	312 551,942	16,531	16,064	82	92	9 272	139,628	420,421	3,011	2,544
33	43	97 059	17 935,230	293 644,396	16,372	15,906	83	93	6 914	98,920	280,793	2,839	2,372
34	44	96 886	17 010,156	275 709,166	16,209	15,742	84	94	4 999	67,957	181,873	2,676	2,209
35	45	96 700	16 130,711	258 699,010	16,038	15,571	85	95	3 490	45,075	113,915	2,527	2,060
36	46	96 496	15 293,782	242 568,299	15,861	15,394	86	96	2 348	28,819	68,840	2,389	1,922
37	47	96 275	14 497,652	227 274,517	15,677	15,210	87	97	1 518	17,699	40,021	2,261	1,794
38	48	96 027	13 738,919	212 776,865	15,487	15,020	88	98	939	10,401	22,322	2,146	1,679
39	49	95 752	13 016,198	199 037,946	15,292	14,825	89	99	556	5,848	11,921	2,038	1,572
40	50	95 445	12 327,319	186 021,748	15,090	14,623	90	100	312	3,119	6,073	1,947	1,480
41	51	95 112	11 671,622	173 694,429	14,882	14,415							
42	52	94 750	11 047,144	162 022,807	14,666	14,200							
43	53	94 345	10 451,274	150 975,663	14,446	13,979							
44	54	93 894	9 882,443	140 524,388	14,220	13,753							
45	55	93 408	9 340,911	130 641,945	13,986	13,519							
46	56	92 871	8 823,941	121 301,035	13,747	13,280							
47	57	92 292	8 331,507	112 477,094	13,500	13,033							
48	58	91 657	7 861,525	104 145,587	13,248	12,781							
49	59	90 960	7 412,575	96 284,062	12,989	12,522							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß   5,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	11	99 572	99 572,003	1 905 723,804	19,139	18,672	50	61	89 720	6 946,807	87 196,071	12,552	12,085
1	12	99 179	94 231,777	1 806 151,801	19,167	18,700	51	62	88 848	6 536,107	80 249,264	12,278	11,811
2	13	99 139	89 494,879	1 711 920,024	19,129	18,662	52	63	87 870	6 141,713	73 713,157	12,002	11,535
3	14	99 111	85 007,099	1 622 425,145	19,086	18,619	53	64	86 841	5 767,023	67 571,444	11,717	11,250
4	15	99 086	80 746,856	1 537 418,046	19,040	18,573	54	65	85 727	5 409,065	61 804,421	11,426	10,959
5	16	99 061	76 699,266	1 456 671,191	18,992	18,525	55	66	84 530	5 067,539	56 395,356	11,129	10,662
6	17	99 035	72 854,326	1 379 971,925	18,942	18,475	56	67	83 240	4 741,278	51 327,817	10,826	10,359
7	18	99 008	69 201,842	1 307 117,599	18,888	18,422	57	68	81 879	4 431,102	46 586,539	10,514	10,047
8	19	98 978	65 729,535	1 237 915,757	18,833	18,367	58	69	80 431	4 135,649	42 155,437	10,193	9,726
9	20	98 949	62 432,765	1 172 186,222	18,775	18,308	59	70	78 877	3 853,433	38 019,788	9,866	9,400
10	21	98 919	59 300,716	1 109 753,457	18,714	18,247	60	71	77 218	3 584,198	34 166,354	9,532	9,066
11	22	98 890	56 325,897	1 050 452,741	18,650	18,183	61	72	75 431	3 326,629	30 582,156	9,193	8,726
12	23	98 859	53 499,595	994 126,844	18,582	18,115	62	73	73 509	3 080,154	27 255,527	8,849	8,382
13	24	98 825	50 813,789	940 627,150	18,511	18,044	63	74	71 447	2 844,410	24 175,373	8,499	8,032
14	25	98 795	48 264,023	889 813,360	18,436	17,970	64	75	69 231	2 618,706	21 330,963	8,146	7,679
15	26	98 758	45 839,585	841 549,338	18,359	17,892	65	76	66 791	2 400,373	18 712,257	7,796	7,329
16	27	98 717	43 534,991	795 709,752	18,277	17,811	66	77	64 174	2 191,278	16 311,884	7,444	6,977
17	28	98 665	41 341,560	752 174,762	18,194	17,727	67	78	61 362	1 990,771	14 120,606	7,093	6,626
18	29	98 607	39 256,156	710 833,202	18,108	17,641	68	79	58 333	1 798,077	12 129,835	6,746	6,279
19	30	98 531	37 269,356	671 577,046	18,020	17,553	69	80	55 138	1 614,837	10 331,758	6,398	5,931
20	31	98 455	35 382,992	634 307,690	17,927	17,460	70	81	51 729	1 439,417	8 716,921	6,056	5,589
21	32	98 372	33 589,814	598 924,698	17,831	17,364	71	82	48 145	1 272,875	7 277,504	5,717	5,251
22	33	98 284	31 885,760	565 334,883	17,730	17,263	72	83	44 357	1 114,207	6 004,629	5,389	4,922
23	34	98 196	30 268,089	533 449,124	17,624	17,157	73	84	40 448	965,342	4 890,422	5,066	4,599
24	35	98 103	28 731,036	503 181,035	17,514	17,047	74	85	36 403	825,465	3 925,079	4,755	4,288
25	36	98 009	27 271,769	474 449,999	17,397	16,930	75	86	32 259	695,022	3 099,615	4,460	3,993
26	37	97 909	25 884,878	447 178,230	17,276	16,809	76	87	28 126	575,741	2 404,592	4,177	3,710
27	38	97 799	24 566,301	421 293,352	17,149	16,682	77	88	24 036	467,484	1 828,852	3,912	3,445
28	39	97 683	23 313,143	396 727,051	17,017	16,551	78	89	20 111	371,625	1 361,368	3,663	3,196
29	40	97 560	22 122,300	373 413,908	16,880	16,413	79	90	16 353	287,110	989,743	3,447	2,980
30	41	97 427	20 990,156	351 291,608	16,736	16,269	80	91	13 008	216,992	702,633	3,238	2,771
31	42	97 287	19 914,406	330 301,452	16,586	16,119	81	92	10 001	158,506	485,641	3,064	2,597
32	43	97 131	18 890,716	310 387,047	16,431	15,964	82	93	7 518	113,207	327,135	2,890	2,423
33	44	96 960	17 916,865	291 496,330	16,269	15,803	83	94	5 481	78,418	213,928	2,728	2,261
34	45	96 777	16 991,051	273 579,465	16,101	15,635	84	95	3 870	52,607	135,509	2,576	2,109
35	46	96 577	16 110,238	256 588,414	15,927	15,460	85	96	2 635	34,029	82,902	2,436	1,969
36	47	96 360	15 272,231	240 478,176	15,746	15,279	86	97	1 727	21,191	48,873	2,306	1,840
37	48	96 118	14 473,947	225 205,945	15,559	15,093	87	98	1 086	12,659	27,682	2,187	1,720
38	49	95 857	13 714,623	210 731,998	15,365	14,899	88	99	652	7,227	15,023	2,079	1,612
39	50	95 555	12 989,415	197 017,375	15,168	14,701	89	100	375	3,942	7,796	1,978	1,511
40	51	95 235	12 300,162	184 027,960	14,961	14,495							
41	52	94 880	11 643,064	171 727,799	14,749	14,283							
42	53	94 490	11 016,815	160 084,734	14,531	14,064							
43	54	94 062	10 419,852	149 067,919	14,306	13,839							
44	55	93 594	9 850,906	138 648,067	14,075	13,608							
45	56	93 077	9 307,814	128 797,161	13,838	13,371							
46	57	92 521	8 790,655	119 489,346	13,593	13,126							
47	58	91 923	8 298,210	110 698,691	13,340	12,873							
48	59	91 253	7 826,838	102 400,482	13,083	12,616							
49	60	90 531	7 377,572	94 573,644	12,819	12,352							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß   5,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	12	99 564	99 564,040	1 903 027,957	19,114	18,647	50	62	89 205	6 906,886	85 425,503	12,368	11,901
1	13	99 171	94 224,191	1 803 463,916	19,140	18,673	51	63	88 287	6 494,880	78 518,618	12,089	11,623
2	14	99 130	89 486,862	1 709 239,725	19,100	18,634	52	64	87 278	6 100,331	72 023,738	11,807	11,340
3	15	99 100	84 997,885	1 619 752,863	19,056	18,590	53	65	86 202	5 724,639	65 923,407	11,516	11,049
4	16	99 074	80 736,698	1 534 754,978	19,009	18,543	54	66	85 057	5 366,821	60 198,768	11,217	10,750
5	17	99 046	76 687,464	1 454 018,279	18,960	18,494	55	67	83 807	5 024,190	54 831,947	10,914	10,447
6	18	99 019	72 842,635	1 377 330,816	18,908	18,442	56	68	82 480	4 697,980	49 807,757	10,602	10,135
7	19	98 986	69 186,036	1 304 488,181	18,855	18,388	57	69	81 084	4 388,073	45 109,778	10,280	9,813
8	20	98 957	65 715,959	1 235 302,145	18,798	18,331	58	70	79 577	4 091,722	40 721,704	9,952	9,485
9	21	98 927	62 418,906	1 169 586,186	18,738	18,271	59	71	77 962	3 808,715	36 629,982	9,617	9,151
10	22	98 899	59 288,305	1 107 167,280	18,674	18,208	60	72	76 224	3 538,044	32 821,267	9,277	8,810
11	23	98 868	56 313,261	1 047 878,975	18,608	18,141	61	73	74 339	3 278,467	29 283,223	8,932	8,465
12	24	98 836	53 487,466	991 565,714	18,538	18,071	62	74	72 314	3 030,067	26 004,756	8,582	8,115
13	25	98 806	50 803,518	938 078,249	18,465	17,998	63	75	70 118	2 791,482	22 974,689	8,230	7,763
14	26	98 773	48 253,406	887 274,731	18,388	17,921	64	76	67 746	2 562,514	20 183,207	7,876	7,410
15	27	98 735	45 828,736	839 021,325	18,308	17,841	65	77	65 155	2 341,582	17 620,693	7,525	7,058
16	28	98 691	43 523,295	793 192,589	18,225	17,758	66	78	62 394	2 130,527	15 279,111	7,172	6,705
17	29	98 640	41 331,106	749 669,294	18,138	17,671	67	79	59 395	1 926,930	13 148,584	6,824	6,357
18	30	98 578	39 244,892	708 338,187	18,049	17,582	68	80	56 215	1 732,797	11 221,653	6,476	6,009
19	31	98 503	37 258,807	669 093,295	17,958	17,491	69	81	52 835	1 547,393	9 488,857	6,132	5,665
20	32	98 425	35 372,306	631 834,488	17,862	17,396	70	82	49 267	1 370,914	7 941,464	5,793	5,326
21	33	98 337	33 577,908	596 462,182	17,764	17,297	71	83	45 491	1 202,683	6 570,550	5,463	4,996
22	34	98 248	31 874,101	562 884,274	17,660	17,193	72	84	41 575	1 044,333	5 367,867	5,140	4,673
23	35	98 154	30 255,232	531 010,173	17,551	17,084	73	85	37 523	895,533	4 323,533	4,828	4,361
24	36	98 064	28 719,608	500 754,941	17,436	16,969	74	86	33 390	757,154	3 428,000	4,527	4,061
25	37	97 962	27 258,809	472 035,334	17,317	16,850	75	87	29 220	629,535	2 670,847	4,243	3,776
26	38	97 856	25 871,063	444 776,524	17,192	16,725	76	88	25 080	513,393	2 041,311	3,976	3,509
27	39	97 745	24 552,624	418 905,461	17,062	16,595	77	89	21 097	410,316	1 527,919	3,724	3,257
28	40	97 619	23 297,721	394 352,837	16,927	16,460	78	90	17 265	319,034	1 117,602	3,503	3,036
29	41	97 491	22 106,676	371 055,116	16,785	16,318	79	91	13 822	242,666	798,568	3,291	2,824
30	42	97 349	20 973,333	348 948,440	16,638	16,171	80	92	10 697	178,436	555,902	3,115	2,649
31	43	97 200	19 896,680	327 975,107	16,484	16,017	81	93	8 108	128,513	377,466	2,937	2,470
32	44	97 031	18 871,373	308 078,427	16,325	15,858	82	94	5 960	89,744	248,953	2,774	2,307
33	45	96 851	17 896,742	289 207,054	16,160	15,693	83	95	4 243	60,705	159,209	2,623	2,156
34	46	96 654	16 969,485	271 310,312	15,988	15,521	84	96	2 922	39,715	98,504	2,480	2,013
35	47	96 441	16 087,537	254 340,826	15,810	15,343	85	97	1 937	25,022	58,788	2,350	1,883
36	48	96 203	15 247,259	238 253,290	15,626	15,159	86	98	1 235	15,156	33,767	2,228	1,761
37	49	95 948	14 448,350	223 006,030	15,435	14,968	87	99	754	8,796	18,610	2,116	1,649
38	50	95 660	13 686,403	208 557,680	15,238	14,772	88	100	440	4,871	9,815	2,015	1,548
39	51	95 344	12 960,799	194 871,277	15,035	14,569							
40	52	95 002	12 270,066	181 910,477	14,826	14,359							
41	53	94 619	11 611,100	169 640,412	14,610	14,143							
42	54	94 206	10 983,693	158 029,312	14,388	13,921							
43	55	93 761	10 386,600	147 045,619	14,157	13,690							
44	56	93 263	9 816,003	136 659,019	13,922	13,455							
45	57	92 726	9 272,703	126 843,016	13,679	13,212							
46	58	92 151	8 755,523	117 570,313	13,428	12,961							
47	59	91 517	8 261,595	108 814,790	13,171	12,704							
48	60	90 822	7 789,879	100 553,195	12,908	12,441							
49	61	90 043	7 337,812	92 763,316	12,642	12,175							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß   5,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$
0	13	99 556	99 556,026	1 900 151,225	19,086	18,619	50	63	88 642	6 863,320	83 557,501	12,175	11,708
1	14	99 162	94 215,751	1 800 595,200	19,111	18,645	51	64	87 692	6 451,118	76 694,181	11,889	11,422
2	15	99 119	89 477,163	1 706 379,449	19,071	18,604	52	65	86 636	6 055,497	70 243,063	11,600	11,133
3	16	99 088	84 987,193	1 616 902,286	19,025	18,558	53	66	85 529	5 679,931	64 187,566	11,301	10,834
4	17	99 059	80 724,275	1 531 915,093	18,977	18,510	54	67	84 330	5 320,912	58 507,636	10,996	10,529
5	18	99 030	76 675,157	1 451 190,818	18,926	18,460	55	68	83 042	4 978,307	53 186,724	10,684	10,217
6	19	98 996	72 825,997	1 374 515,660	18,874	18,407	56	69	81 679	4 652,359	48 208,417	10,362	9,895
7	20	98 965	69 171,746	1 301 689,663	18,818	18,351	57	70	80 223	4 341,465	43 556,058	10,033	9,566
8	21	98 935	65 701,371	1 232 517,917	18,759	18,293	58	71	78 654	4 044,239	39 214,592	9,696	9,230
9	22	98 906	62 405,842	1 166 816,546	18,697	18,230	59	72	76 958	3 759,670	35 170,353	9,355	8,888
10	23	98 876	59 275,005	1 104 410,704	18,632	18,165	60	73	75 120	3 486,821	31 410,684	9,008	8,542
11	24	98 845	56 300,389	1 045 135,700	18,564	18,097	61	74	73 131	3 225,155	27 923,863	8,658	8,191
12	25	98 817	53 476,654	988 835,311	18,491	18,024	62	75	70 968	2 973,685	24 698,708	8,306	7,839
13	26	98 784	50 792,342	935 358,657	18,415	17,949	63	76	68 613	2 731,583	21 725,022	7,953	7,486
14	27	98 749	48 241,986	884 566,315	18,336	17,869	64	77	66 086	2 499,751	18 993,440	7,598	7,131
15	28	98 708	45 816,425	836 324,329	18,254	17,787	65	78	63 348	2 276,664	16 493,689	7,245	6,778
16	29	98 666	43 512,289	790 507,904	18,167	17,701	66	79	60 394	2 062,205	14 217,024	6,894	6,427
17	30	98 612	41 319,247	746 995,615	18,079	17,612	67	80	57 238	1 856,971	12 154,819	6,546	6,079
18	31	98 550	39 233,785	705 676,367	17,986	17,520	68	81	53 867	1 660,425	10 297,848	6,202	5,735
19	32	98 473	37 247,554	666 442,583	17,892	17,425	69	82	50 321	1 473,752	8 637,423	5,861	5,394
20	33	98 390	35 359,767	629 195,029	17,794	17,327	70	83	46 550	1 295,316	7 163,671	5,530	5,064
21	34	98 301	33 565,630	593 835,261	17,692	17,225	71	84	42 638	1 127,261	5 868,355	5,206	4,739
22	35	98 206	31 860,562	560 269,631	17,585	17,118	72	85	38 568	968,812	4 741,094	4,894	4,427
23	36	98 115	30 243,198	528 409,069	17,472	17,005	73	86	34 418	821,424	3 772,282	4,592	4,126
24	37	98 017	28 705,960	498 165,871	17,354	16,887	74	87	30 244	685,813	2 950,859	4,303	3,836
25	38	97 910	27 244,262	469 459,912	17,232	16,765	75	88	26 056	561,362	2 265,046	4,035	3,568
26	39	97 802	25 856,661	442 215,650	17,103	16,636	76	89	22 013	450,611	1 703,684	3,781	3,314
27	40	97 680	24 536,381	416 358,989	16,969	16,502	77	90	18 111	352,250	1 253,073	3,557	3,091
28	41	97 550	23 281,267	391 822,608	16,830	16,363	78	91	14 592	269,649	900,823	3,341	2,874
29	42	97 413	22 088,958	368 541,341	16,684	16,218	79	92	11 366	199,548	631,174	3,163	2,696
30	43	97 262	20 954,665	346 452,383	16,533	16,067	80	93	8 673	144,671	431,626	2,984	2,517
31	44	97 100	19 876,307	325 497,718	16,376	15,909	81	94	6 428	101,878	286,955	2,817	2,350
32	45	96 922	18 850,178	305 621,411	16,213	15,746	82	95	4 613	69,473	185,077	2,664	2,197
33	46	96 728	17 874,027	286 771,233	16,044	15,577	83	96	3 203	45,829	115,604	2,523	2,056
34	47	96 518	16 945,573	268 897,206	15,868	15,401	84	97	2 148	29,203	69,775	2,389	1,923
35	48	96 284	16 061,232	251 951,633	15,687	15,220	85	98	1 386	17,896	40,573	2,267	1,800
36	49	96 033	15 220,296	235 890,401	15,498	15,032	86	99	858	10,531	22,677	2,153	1,687
37	50	95 751	14 418,621	220 670,106	15,305	14,838	87	100	509	5,929	12,146	2,049	1,582
38	51	95 449	13 656,252	206 251,485	15,103	14,636							
39	52	95 111	12 929,087	192 595,233	14,896	14,429							
40	53	94 741	12 236,380	179 666,146	14,683	14,216							
41	54	94 335	11 576,191	167 429,766	14,463	13,996							
42	55	93 905	10 948,641	155 853,575	14,235	13,768							
43	56	93 429	10 349,799	144 904,934	14,001	13,534							
44	57	92 911	9 778,975	134 555,135	13,760	13,293							
45	58	92 355	9 235,644	124 776,161	13,510	13,043							
46	59	91 744	8 716,891	115 540,516	13,255	12,788							
47	60	91 085	8 222,584	106 823,626	12,991	12,525							
48	61	90 333	7 747,897	98 601,042	12,726	12,259							
49	62	89 525	7 295,644	90 853,145	12,453	11,986							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß   5,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	14	99 547	99 547,108	1 897 084,514	19,057	18,590	50	64	88 045	6 817,076	81 591,244	11,969	11,502
1	15	99 151	94 205,539	1 797 537,407	19,081	18,614	51	65	87 048	6 403,706	74 774,169	11,677	11,210
2	16	99 106	89 465,907	1 703 331,868	19,039	18,572	52	66	85 960	6 008,204	68 370,462	11,380	10,913
3	17	99 072	84 974,116	1 613 865,960	18,992	18,526	53	67	84 798	5 631,343	62 362,258	11,074	10,607
4	18	99 043	80 711,321	1 528 891,844	18,943	18,476	54	68	83 559	5 272,319	56 730,915	10,760	10,293
5	19	99 007	76 657,644	1 448 180,523	18,892	18,425	55	69	82 236	4 929,965	51 458,596	10,438	9,971
6	20	98 976	72 810,956	1 371 522,879	18,837	18,370	56	70	80 812	4 602,944	46 528,631	10,108	9,642
7	21	98 943	69 156,391	1 298 711,923	18,779	18,313	57	71	79 292	4 291,084	41 925,687	9,770	9,304
8	22	98 915	65 687,620	1 229 555,533	18,718	18,251	58	72	77 641	3 992,160	37 634,603	9,427	8,960
9	23	98 884	62 391,842	1 163 867,913	18,654	18,187	59	73	75 844	3 705,238	33 642,443	9,080	8,613
10	24	98 854	59 261,456	1 101 476,070	18,587	18,120	60	74	73 899	3 430,121	29 937,205	8,728	8,261
11	25	98 825	56 289,009	1 042 214,615	18,515	18,049	61	75	71 770	3 165,143	26 507,083	8,375	7,908
12	26	98 795	53 464,890	985 925,606	18,441	17,974	62	76	69 446	2 909,876	23 341,941	8,022	7,555
13	27	98 760	50 780,321	932 460,716	18,363	17,896	63	77	66 933	2 664,679	20 432,065	7,668	7,201
14	28	98 723	48 229,026	881 680,395	18,281	17,814	64	78	64 254	2 430,449	17 767,386	7,310	6,844
15	29	98 683	45 804,839	833 451,369	18,196	17,729	65	79	61 317	2 203,656	15 336,937	6,960	6,493
16	30	98 637	43 499,805	787 646,530	18,107	17,640	66	80	58 201	1 987,335	13 133,282	6,608	6,142
17	31	98 584	41 307,553	744 146,725	18,015	17,548	67	81	54 848	1 779,414	11 145,947	6,264	5,797
18	32	98 521	39 221,935	702 839,173	17,920	17,453	68	82	51 303	1 581,405	9 366,533	5,923	5,456
19	33	98 438	37 234,351	663 617,237	17,823	17,356	69	83	47 546	1 392,483	7 785,128	5,591	5,124
20	34	98 354	35 346,839	626 382,886	17,721	17,254	70	84	43 631	1 214,085	6 392,645	5,265	4,799
21	35	98 259	33 551,373	591 036,048	17,616	17,149	71	85	39 554	1 045,742	5 178,560	4,952	4,485
22	36	98 167	31 847,889	557 484,675	17,505	17,038	72	86	35 377	888,638	4 132,818	4,651	4,184
23	37	98 069	30 228,826	525 636,786	17,389	16,922	73	87	31 175	744,027	3 244,180	4,360	3,894
24	38	97 965	28 690,640	495 407,960	17,267	16,800	74	88	26 969	611,545	2 500,153	4,088	3,621
25	39	97 856	27 229,095	466 717,321	17,140	16,674	75	89	22 869	492,715	1 888,608	3,833	3,366
26	40	97 737	25 839,555	439 488,226	17,008	16,542	76	90	18 898	386,842	1 395,894	3,608	3,142
27	41	97 611	24 519,053	413 648,671	16,870	16,404	77	91	15 308	297,723	1 009,052	3,389	2,922
28	42	97 471	23 262,607	389 129,618	16,728	16,261	78	92	11 999	221,736	711,329	3,208	2,741
29	43	97 326	22 069,297	365 867,011	16,578	16,111	79	93	9 215	161,788	489,593	3,026	2,559
30	44	97 163	20 933,208	343 797,714	16,424	15,957	80	94	6 875	114,688	327,804	2,858	2,391
31	45	96 991	19 853,983	322 864,505	16,262	15,795	81	95	4 976	78,866	213,117	2,702	2,235
32	46	96 799	18 826,253	303 010,522	16,095	15,628	82	96	3 483	52,448	134,251	2,560	2,093
33	47	96 592	17 848,840	284 184,270	15,922	15,455	83	97	2 355	33,698	81,803	2,428	1,961
34	48	96 360	16 917,865	266 335,429	15,743	15,276	84	98	1 536	20,887	48,105	2,303	1,836
35	49	96 113	16 032,829	249 417,564	15,557	15,090	85	99	963	12,434	27,219	2,189	1,722
36	50	95 835	15 188,978	233 384,736	15,365	14,899	86	100	578	7,099	14,784	2,083	1,616
37	51	95 540	14 386,857	218 195,758	15,166	14,700							
38	52	95 215	13 622,838	203 808,901	14,961	14,494							
39	53	94 850	12 893,592	190 186,064	14,750	14,284							
40	54	94 456	12 199,591	177 292,472	14,533	14,066							
41	55	94 034	11 539,248	165 092,881	14,307	13,840							
42	56	93 572	10 909,849	153 553,632	14,075	13,608							
43	57	93 077	10 310,757	142 643,784	13,834	13,368							
44	58	92 539	9 739,892	132 333,027	13,587	13,120							
45	59	91 948	9 194,894	122 593,134	13,333	12,866							
46	60	91 311	8 675,729	113 398,241	13,071	12,604							
47	61	90 594	8 178,270	104 722,511	12,805	12,338							
48	62	89 814	7 703,372	96 544,242	12,533	12,066							
49	63	88 961	7 249,626	88 840,870	12,255	11,788							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß   5,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	15	99 536	99 536,318	1 893 819,259	19,026	18,560	50	65	87 398	6 766,974	79 524,974	11,752	11,285
1	16	99 139	94 193,689	1 794 282,941	19,049	18,582	51	66	86 368	6 353,694	72 758,000	11,451	10,984
2	17	99 091	89 452,141	1 700 089,252	19,006	18,539	52	67	85 224	5 956,808	66 404,306	11,148	10,681
3	18	99 057	84 960,480	1 610 637,111	18,957	18,491	53	68	84 023	5 579,916	60 447,497	10,833	10,366
4	19	99 020	80 692,886	1 525 676,631	18,907	18,440	54	69	82 748	5 221,122	54 867,582	10,509	10,042
5	20	98 987	76 641,811	1 444 983,745	18,854	18,387	55	70	81 362	4 877,601	49 646,460	10,178	9,712
6	21	98 954	72 794,792	1 368 341,934	18,797	18,330	56	71	79 874	4 549,528	44 768,859	9,840	9,374
7	22	98 923	69 141,917	1 295 547,141	18,738	18,271	57	72	78 271	4 235,827	40 219,331	9,495	9,028
8	23	98 892	65 672,884	1 226 405,224	18,674	18,208	58	73	76 517	3 934,363	35 983,504	9,146	8,679
9	24	98 862	62 377,581	1 160 732,340	18,608	18,141	59	74	74 611	3 644,987	32 049,141	8,793	8,326
10	25	98 834	59 249,477	1 098 354,759	18,538	18,071	60	75	72 523	3 366,295	28 404,154	8,438	7,971
11	26	98 803	56 276,626	1 039 105,283	18,464	17,997	61	76	70 230	3 097,225	25 037,859	8,084	7,617
12	27	98 771	53 452,237	982 828,656	18,387	17,920	62	77	67 745	2 838,065	21 940,634	7,729	7,263
13	28	98 734	50 766,679	929 376,420	18,307	17,840	63	78	65 077	2 590,804	19 102,029	7,373	6,906
14	29	98 698	48 216,830	878 609,740	18,222	17,755	64	79	62 194	2 352,508	16 511,225	7,019	6,552
15	30	98 655	45 791,697	830 392,910	18,134	17,667	65	80	59 091	2 123,650	14 158,716	6,667	6,200
16	31	98 609	43 487,493	784 601,214	18,042	17,575	66	81	55 770	1 904,333	12 035,067	6,320	5,853
17	32	98 554	41 295,077	741 113,721	17,947	17,480	67	82	52 237	1 694,731	10 130,734	5,978	5,511
18	33	98 486	39 208,032	699 818,644	17,849	17,382	68	83	48 474	1 494,200	8 436,003	5,646	5,179
19	34	98 402	37 220,737	660 610,612	17,748	17,282	69	84	44 564	1 305,158	6 941,804	5,319	4,852
20	35	98 312	35 331,824	623 389,875	17,644	17,177	70	85	40 476	1 126,288	5 636,646	5,005	4,538
21	36	98 220	33 538,027	588 058,051	17,534	17,067	71	86	36 281	959,202	4 510,358	4,702	4,235
22	37	98 121	31 832,754	554 520,024	17,420	16,953	72	87	32 043	804,908	3 551,156	4,412	3,945
23	38	98 016	30 212,693	522 687,270	17,300	16,833	73	88	27 799	663,455	2 746,248	4,139	3,673
24	39	97 910	28 674,667	492 474,576	17,175	16,708	74	89	23 671	536,761	2 082,793	3,880	3,414
25	40	97 791	27 211,081	463 799,909	17,045	16,578	75	90	19 633	422,987	1 546,032	3,655	3,188
26	41	97 668	25 821,307	436 588,828	16,908	16,441	76	91	15 973	326,961	1 123,045	3,435	2,968
27	42	97 533	24 499,401	410 767,521	16,766	16,300	77	92	12 588	244,822	796,084	3,252	2,785
28	43	97 385	23 241,902	386 268,120	16,619	16,153	78	93	9 729	179,778	551,262	3,066	2,600
29	44	97 226	22 046,699	363 026,219	16,466	15,999	79	94	7 305	128,257	371,485	2,896	2,430
30	45	97 053	20 909,697	340 979,519	16,307	15,840	80	95	5 322	88,782	243,227	2,740	2,273
31	46	96 868	19 828,784	320 069,822	16,142	15,675	81	96	3 757	59,539	154,446	2,594	2,127
32	47	96 663	18 799,724	300 241,039	15,971	15,504	82	97	2 561	38,565	94,907	2,461	1,994
33	48	96 434	17 819,655	281 441,314	15,794	15,327	83	98	1 685	24,102	56,342	2,338	1,871
34	49	96 190	16 887,947	263 621,659	15,610	15,143	84	99	1 068	14,512	32,240	2,222	1,755
35	50	95 916	15 999,839	246 733,712	15,421	14,954	85	100	649	8,382	17,728	2,115	1,648
36	51	95 624	15 155,516	230 733,873	15,224	14,758							
37	52	95 306	14 351,655	215 578,357	15,021	14,554							
38	53	94 954	13 585,438	201 226,702	14,812	14,345							
39	54	94 565	12 854,827	187 641,264	14,597	14,130							
40	55	94 155	12 160,659	174 786,437	14,373	13,906							
41	56	93 701	11 498,363	162 625,778	14,143	13,677							
42	57	93 219	10 868,694	151 127,415	13,905	13,438							
43	58	92 705	10 269,549	140 258,720	13,658	13,191							
44	59	92 131	9 696,917	129 989,171	13,405	12,938							
45	60	91 514	9 151,475	120 292,254	13,145	12,678							
46	61	90 819	8 628,973	111 140,779	12,880	12,413							
47	62	90 074	8 131,271	102 511,806	12,607	12,140							
48	63	89 247	7 654,782	94 380,535	12,330	11,863							
49	64	88 361	7 200,779	86 725,753	12,044	11,577							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß   5,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	16	99 524	99 523,797	1 890 347,557	18,994	18,527	50	66	86 715	6 714,125	77 358,183	11,522	11,055
1	17	99 124	94 179,195	1 790 823,760	19,015	18,548	51	67	85 629	6 299,343	70 644,058	11,215	10,748
2	18	99 075	89 437,786	1 696 644,565	18,970	18,503	52	68	84 446	5 902,409	64 344,715	10,901	10,435
3	19	99 034	84 941,074	1 607 206,778	18,921	18,455	53	69	83 207	5 525,731	58 442,306	10,576	10,110
4	20	99 000	80 676,220	1 522 265,704	18,869	18,402	54	70	81 869	5 165,666	52 916,575	10,244	9,777
5	21	98 965	76 624,797	1 441 589,484	18,814	18,347	55	71	80 418	4 820,998	47 750,909	9,905	9,438
6	22	98 933	72 779,557	1 364 964,687	18,755	18,288	56	72	78 845	4 490,943	42 929,911	9,559	9,092
7	23	98 901	69 126,406	1 292 185,130	18,693	18,226	57	73	77 137	4 174,502	38 438,968	9,208	8,741
8	24	98 870	65 657,873	1 223 058,723	18,628	18,161	58	74	75 272	3 870,386	34 264,467	8,853	8,386
9	25	98 842	62 364,972	1 157 400,851	18,559	18,092	59	75	73 222	3 577,162	30 394,081	8,497	8,030
10	26	98 812	59 236,443	1 095 035,879	18,486	18,019	60	76	70 967	3 294,061	26 816,919	8,141	7,674
11	27	98 780	56 263,307	1 035 799,436	18,410	17,943	61	77	68 510	3 021,366	23 522,857	7,786	7,319
12	28	98 745	53 437,877	979 536,128	18,330	17,864	62	78	65 867	2 759,908	20 501,492	7,428	6,962
13	29	98 709	50 753,842	926 098,252	18,247	17,780	63	79	62 990	2 507,721	17 741,583	7,075	6,608
14	30	98 670	48 202,996	875 344,410	18,160	17,693	64	80	59 936	2 267,098	15 233,862	6,720	6,253
15	31	98 627	45 778,736	827 141,414	18,068	17,601	65	81	56 623	2 034,954	12 966,764	6,372	5,905
16	32	98 580	43 474,359	781 362,678	17,973	17,506	66	82	53 116	1 813,705	10 931,809	6,027	5,561
17	33	98 519	41 280,439	737 888,319	17,875	17,408	67	83	49 357	1 601,276	9 118,104	5,694	5,227
18	34	98 450	39 193,696	696 607,881	17,773	17,307	68	84	45 434	1 400,496	7 516,828	5,367	4,900
19	35	98 360	37 204,926	657 414,184	17,670	17,203	69	85	41 342	1 210,774	6 116,332	5,052	4,585
20	36	98 273	35 317,771	620 209,258	17,561	17,094	70	86	37 126	1 033,082	4 905,558	4,748	4,282
21	37	98 174	33 522,090	584 891,487	17,448	16,981	71	87	32 863	868,824	3 872,476	4,457	3,990
22	38	98 068	31 815,766	551 369,398	17,330	16,863	72	88	28 573	717,743	3 003,652	4,185	3,718
23	39	97 962	30 195,873	519 553,632	17,206	16,739	73	89	24 399	582,323	2 285,909	3,926	3,459
24	40	97 846	28 655,698	489 357,759	17,077	16,610	74	90	20 321	460,800	1 703,586	3,697	3,230
25	41	97 722	27 191,864	460 702,061	16,943	16,476	75	91	16 594	357,511	1 242,786	3,476	3,009
26	42	97 590	25 800,611	433 510,197	16,802	16,336	76	92	13 134	268,864	885,275	3,293	2,826
27	43	97 446	24 477,595	407 709,586	16,656	16,190	77	93	10 206	198,495	616,411	3,105	2,639
28	44	97 285	23 218,103	383 231,992	16,506	16,039	78	94	7 713	142,518	417,916	2,932	2,466
29	45	97 117	22 021,938	360 013,888	16,348	15,881	79	95	5 655	99,286	275,398	2,774	2,307
30	46	96 930	20 883,158	337 991,951	16,185	15,718	80	96	4 018	67,025	176,112	2,628	2,161
31	47	96 732	19 800,843	317 108,793	16,015	15,548	81	97	2 762	43,779	109,086	2,492	2,025
32	48	96 505	18 768,984	297 307,950	15,840	15,374	82	98	1 832	27,583	65,307	2,368	1,901
33	49	96 263	17 788,143	278 538,966	15,659	15,192	83	99	1 170	16,746	37,725	2,253	1,786
34	50	95 992	16 853,198	260 750,823	15,472	15,005	84	100	720	9,783	20,979	2,144	1,678
35	51	95 704	15 964,591	243 897,625	15,277	14,811							
36	52	95 390	15 118,434	227 933,034	15,076	14,610							
37	53	95 044	14 312,254	212 814,601	14,869	14,403							
38	54	94 669	13 544,593	198 502,346	14,655	14,189							
39	55	94 263	12 813,804	184 957,753	14,434	13,967							
40	56	93 821	12 117,572	172 143,949	14,206	13,739							
41	57	93 347	11 454,989	160 026,377	13,970	13,503							
42	58	92 847	10 825,257	148 571,388	13,725	13,258							
43	59	92 296	10 224,237	137 746,131	13,473	13,006							
44	60	91 696	9 651,128	127 521,894	13,213	12,746							
45	61	91 020	9 102,155	117 870,767	12,950	12,483							
46	62	90 297	8 579,384	108 768,612	12,678	12,211							
47	63	89 505	8 079,982	100 189,227	12,400	11,933							
48	64	88 646	7 603,205	92 109,245	12,115	11,648							
49	65	87 712	7 147,857	84 506,040	11,823	11,356							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß   5,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	17	99 508	99 508,483	1 886 661,017	18,960	18,493	50	67	85 973	6 656,691	75 089,250	11,280	10,813
1	18	99 108	94 164,082	1 787 152,533	18,979	18,512	51	68	84 847	6 241,816	68 432,560	10,964	10,497
2	19	99 053	89 417,358	1 692 988,451	18,934	18,467	52	69	83 626	5 845,093	62 190,744	10,640	10,173
3	20	99 013	84 923,531	1 603 571,094	18,883	18,416	53	70	82 323	5 467,040	56 345,651	10,306	9,840
4	21	98 978	80 658,310	1 518 647,563	18,828	18,361	54	71	80 919	5 105,719	50 878,612	9,965	9,498
5	22	98 944	76 608,761	1 437 989,253	18,771	18,304	55	72	79 382	4 758,917	45 772,892	9,618	9,152
6	23	98 911	72 763,231	1 361 380,492	18,710	18,243	56	73	77 704	4 425,924	41 013,975	9,267	8,800
7	24	98 878	69 110,605	1 288 617,262	18,646	18,179	57	74	75 883	4 106,619	36 588,051	8,910	8,443
8	25	98 850	65 644,601	1 219 506,656	18,577	18,111	58	75	73 872	3 798,367	32 481,431	8,551	8,085
9	26	98 820	62 351,253	1 153 862,055	18,506	18,039	59	76	71 651	3 500,404	28 683,064	8,194	7,727
10	27	98 789	59 222,424	1 091 510,802	18,431	17,964	60	77	69 229	3 213,380	25 182,660	7,837	7,370
11	28	98 753	56 248,192	1 032 288,379	18,352	17,886	61	78	66 610	2 937,602	21 969,280	7,479	7,012
12	29	98 720	53 424,364	976 040,186	18,270	17,803	62	79	63 754	2 671,403	19 031,678	7,124	6,657
13	30	98 681	50 739,280	922 615,823	18,183	17,717	63	80	60 703	2 416,676	16 360,275	6,770	6,303
14	31	98 642	48 189,353	871 876,543	18,093	17,626	64	81	57 432	2 172,412	13 943,599	6,418	5,952
15	32	98 597	45 764,910	823 687,190	17,998	17,531	65	82	53 928	1 938,110	11 771,187	6,074	5,607
16	33	98 545	43 458,948	777 922,281	17,900	17,433	66	83	50 187	1 713,689	9 833,077	5,738	5,271
17	34	98 483	41 265,345	734 463,333	17,799	17,332	67	84	46 262	1 500,857	8 119,387	5,410	4,943
18	35	98 408	39 177,048	693 197,987	17,694	17,227	68	85	42 149	1 299,218	6 618,530	5,094	4,627
19	36	98 321	37 190,128	654 020,940	17,586	17,119	69	86	37 920	1 110,577	5 319,312	4,790	4,323
20	37	98 227	35 300,987	616 830,812	17,473	17,007	70	87	33 628	935,742	4 208,735	4,498	4,031
21	38	98 121	33 504,199	581 529,825	17,357	16,890	71	88	29 304	774,737	3 272,992	4,225	3,758
22	39	98 014	31 798,053	548 025,625	17,235	16,768	72	89	25 079	629,973	2 498,255	3,966	3,499
23	40	97 897	30 175,897	516 227,572	17,107	16,640	73	90	20 946	499,914	1 868,282	3,737	3,270
24	41	97 777	28 635,460	486 051,674	16,974	16,507	74	91	17 176	389,470	1 368,368	3,513	3,047
25	42	97 644	27 170,070	457 416,214	16,835	16,369	75	92	13 645	293,986	978,898	3,330	2,863
26	43	97 503	25 777,646	430 246,144	16,691	16,224	76	93	10 649	217,988	684,912	3,142	2,675
27	44	97 347	24 452,531	404 468,498	16,541	16,074	77	94	8 091	157,356	466,924	2,967	2,501
28	45	97 176	23 192,026	380 015,967	16,386	15,919	78	95	5 970	110,326	309,567	2,806	2,339
29	46	96 994	21 993,987	356 823,942	16,224	15,757	79	96	4 269	74,956	199,241	2,658	2,191
30	47	96 794	20 853,731	334 829,955	16,056	15,589	80	97	2 954	49,283	124,286	2,522	2,055
31	48	96 574	19 768,466	313 976,224	15,883	15,416	81	98	1 976	31,312	75,002	2,395	1,929
32	49	96 334	18 735,793	294 207,758	15,703	15,236	82	99	1 273	19,165	43,690	2,280	1,813
33	50	96 065	17 751,541	275 471,965	15,518	15,051	83	100	789	11,288	24,526	2,173	1,706
34	51	95 780	16 816,070	257 720,424	15,326	14,859							
35	52	95 470	15 925,529	240 904,354	15,127	14,660							
36	53	95 128	15 076,928	224 978,825	14,922	14,455							
37	54	94 759	14 269,224	209 901,897	14,710	14,243							
38	55	94 366	13 501,369	195 632,673	14,490	14,023							
39	56	93 929	12 768,403	182 131,304	14,264	13,797							
40	57	93 467	12 071,862	169 362,901	14,030	13,563							
41	58	92 974	11 409,208	157 291,039	13,786	13,320							
42	59	92 437	10 777,493	145 881,831	13,536	13,069							
43	60	91 860	10 175,958	135 104,338	13,277	12,810							
44	61	91 202	9 599,115	124 928,380	13,015	12,548							
45	62	90 497	9 049,847	115 329,266	12,744	12,277							
46	63	89 727	8 525,269	106 279,419	12,466	12,000							
47	64	88 902	8 025,540	97 754,150	12,180	11,714							
48	65	87 994	7 547,326	89 728,609	11,889	11,422							
49	66	87 027	7 092,033	82 181,283	11,588	11,121							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß   5,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	18	99 493	99 492,515	1 882 751,987	18,924	18,457	50	68	85 188	6 595,900	72 718,472	11,025	10,558
1	19	99 085	94 142,574	1 783 259,472	18,942	18,475	51	69	84 023	6 181,204	66 122,572	10,697	10,231
2	20	99 032	89 398,890	1 689 116,898	18,894	18,427	52	70	82 738	5 783,009	59 941,369	10,365	9,898
3	21	98 992	84 904,678	1 599 718,009	18,841	18,375	53	71	81 368	5 403,596	54 158,359	10,023	9,556
4	22	98 957	80 641,429	1 514 813,330	18,785	18,318	54	72	79 877	5 039,972	48 754,763	9,674	9,207
5	23	98 922	76 591,575	1 434 171,901	18,725	18,258	55	73	78 233	4 690,019	43 714,791	9,321	8,854
6	24	98 888	72 746,598	1 357 580,326	18,662	18,195	56	74	76 440	4 353,954	39 024,772	8,963	8,496
7	25	98 858	69 096,636	1 284 833,728	18,595	18,128	57	75	74 471	4 030,205	34 670,819	8,603	8,136
8	26	98 828	65 630,161	1 215 737,092	18,524	18,057	58	76	72 287	3 716,862	30 640,614	8,244	7,777
9	27	98 796	62 336,497	1 150 106,932	18,450	17,983	59	77	69 896	3 414,669	26 923,752	7,885	7,418
10	28	98 762	59 206,514	1 087 770,435	18,372	17,906	60	78	67 310	3 124,294	23 509,082	7,525	7,058
11	29	98 728	56 233,969	1 028 563,922	18,291	17,824	61	79	64 474	2 843,398	20 384,789	7,169	6,702
12	30	98 692	53 409,035	972 329,953	18,205	17,739	62	80	61 440	2 574,415	17 541,390	6,814	6,347
13	31	98 653	50 724,919	918 920,918	18,116	17,649	63	81	58 168	2 315,742	14 966,975	6,463	5,996
14	32	98 612	48 174,798	868 195,999	18,022	17,555	64	82	54 699	2 069,026	12 651,233	6,115	5,648
15	33	98 562	45 748,687	820 021,201	17,924	17,458	65	83	50 954	1 831,234	10 582,207	5,779	5,312
16	34	98 509	43 443,058	774 272,513	17,823	17,356	66	84	47 040	1 606,221	8 750,973	5,448	4,981
17	35	98 441	41 247,817	730 829,455	17,718	17,251	67	85	42 916	1 392,322	7 144,751	5,132	4,665
18	36	98 369	39 161,465	689 581,639	17,609	17,142	68	86	38 661	1 191,702	5 752,430	4,827	4,360
19	37	98 275	37 172,455	650 420,174	17,497	17,031	69	87	34 348	1 005,936	4 560,728	4,534	4,067
20	38	98 174	35 282,148	613 247,719	17,381	16,914	70	88	29 987	834,409	3 554,792	4,260	3,793
21	39	98 067	33 485,547	577 965,572	17,260	16,793	71	89	25 720	679,997	2 720,383	4,001	3,534
22	40	97 949	31 777,017	544 480,024	17,134	16,668	72	90	21 530	540,821	2 040,386	3,773	3,306
23	41	97 828	30 154,586	512 703,007	17,002	16,536	73	91	17 704	422,530	1 499,565	3,549	3,082
24	42	97 698	28 612,509	482 548,421	16,865	16,398	74	92	14 124	320,267	1 077,035	3,363	2,896
25	43	97 557	27 145,886	453 935,912	16,722	16,255	75	93	11 063	238,356	756,769	3,175	2,708
26	44	97 403	25 751,251	426 790,026	16,574	16,107	76	94	8 442	172,810	518,413	3,000	2,533
27	45	97 237	24 425,067	401 038,774	16,419	15,952	77	95	6 263	121,812	345,603	2,837	2,370
28	46	97 052	23 162,590	376 613,707	16,260	15,793	78	96	4 507	83,290	223,791	2,687	2,220
29	47	96 857	21 962,995	353 451,118	16,093	15,626	79	97	3 139	55,115	140,501	2,549	2,082
30	48	96 635	20 819,633	331 488,123	15,922	15,455	80	98	2 113	35,249	85,386	2,422	1,956
31	49	96 403	19 733,507	310 668,490	15,743	15,276	81	99	1 373	21,756	50,137	2,305	1,838
32	50	96 136	18 697,241	290 934,983	15,560	15,094	82	100	858	12,919	28,381	2,197	1,730
33	51	95 853	17 712,434	272 237,742	15,370	14,903							
34	52	95 546	16 774,925	254 525,308	15,173	14,706							
35	53	95 208	15 881,807	237 750,383	14,970	14,503							
36	54	94 842	15 031,599	221 868,576	14,760	14,293							
37	55	94 456	14 223,688	206 836,977	14,542	14,075							
38	56	94 032	13 453,532	192 613,289	14,317	13,850							
39	57	93 574	12 720,238	179 159,758	14,085	13,618							
40	58	93 093	12 023,616	166 439,520	13,843	13,376							
41	59	92 564	11 358,867	154 415,904	13,594	13,128							
42	60	92 001	10 726,601	143 057,037	13,337	12,870							
43	61	91 365	10 121,116	132 330,436	13,075	12,608							
44	62	90 678	9 543,951	122 209,320	12,805	12,338							
45	63	89 927	8 992,764	112 665,368	12,528	12,062							
46	64	89 123	8 467,827	103 672,604	12,243	11,776							
47	65	88 249	7 966,557	95 204,778	11,951	11,484							
48	66	87 307	7 488,382	87 238,220	11,650	11,183							
49	67	86 283	7 031,366	79 749,838	11,342	10,875							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß   5,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	19	99 470	99 469,790	1 878 610,186	18,886	18,419	50	69	84 361	6 531,849	70 244,917	10,754	10,287
1	20	99 065	94 123,130	1 779 140,396	18,902	18,435	51	70	83 131	6 115,550	63 713,067	10,418	9,951
2	21	99 010	89 379,044	1 685 017,267	18,852	18,386	52	71	81 778	5 715,899	57 597,517	10,077	9,610
3	22	98 971	84 886,909	1 595 638,223	18,797	18,330	53	72	80 320	5 334,013	51 881,619	9,727	9,260
4	23	98 935	80 623,339	1 510 751,314	18,738	18,272	54	73	78 721	4 967,005	46 547,606	9,371	8,905
5	24	98 899	76 574,068	1 430 127,975	18,676	18,210	55	74	76 961	4 613,753	41 580,601	9,012	8,546
6	25	98 868	72 731,893	1 353 553,908	18,610	18,143	56	75	75 018	4 272,937	36 966,847	8,651	8,185
7	26	98 836	69 081,436	1 280 822,014	18,541	18,074	57	76	72 873	3 943,725	32 693,910	8,290	7,823
8	27	98 805	65 614,628	1 211 740,578	18,468	18,001	58	77	70 516	3 625,826	28 750,185	7,929	7,462
9	28	98 770	62 319,750	1 146 125,950	18,391	17,924	59	78	67 958	3 320,002	25 124,359	7,568	7,101
10	29	98 737	59 191,542	1 083 806,201	18,310	17,843	60	79	65 151	3 024,103	21 804,357	7,210	6,743
11	30	98 700	56 217,834	1 024 614,658	18,226	17,759	61	80	62 133	2 740,166	18 780,254	6,854	6,387
12	31	98 664	53 393,919	968 396,824	18,137	17,670	62	81	58 874	2 466,893	16 040,088	6,502	6,035
13	32	98 623	50 709,599	915 002,906	18,044	17,577	63	82	55 400	2 205,535	13 573,195	6,154	5,687
14	33	98 577	48 157,722	864 293,307	17,947	17,480	64	83	51 683	1 954,931	11 367,660	5,815	5,348
15	34	98 526	45 731,960	816 135,585	17,846	17,379	65	84	47 759	1 716,395	9 412,729	5,484	5,017
16	35	98 467	43 424,604	770 403,625	17,741	17,274	66	85	43 638	1 490,066	7 696,334	5,165	4,698
17	36	98 402	41 231,410	726 979,021	17,632	17,165	67	86	39 365	1 277,101	6 206,268	4,860	4,393
18	37	98 322	39 142,855	685 747,611	17,519	17,052	68	87	35 018	1 079,416	4 929,167	4,567	4,100
19	38	98 222	37 152,616	646 604,756	17,404	16,937	69	88	30 628	897,001	3 849,750	4,292	3,825
20	39	98 119	35 262,505	609 452,140	17,283	16,816	70	89	26 320	732,372	2 952,749	4,032	3,565
21	40	98 002	33 463,395	574 189,634	17,159	16,692	71	90	22 080	583,766	2 220,377	3,804	3,337
22	41	97 880	31 754,576	540 726,240	17,028	16,561	72	91	18 197	457,104	1 636,612	3,580	3,114
23	42	97 749	30 130,418	508 971,664	16,892	16,425	73	92	14 558	347,452	1 179,508	3,395	2,928
24	43	97 611	28 587,041	478 841,246	16,750	16,283	74	93	11 451	259,664	832,056	3,204	2,738
25	44	97 457	27 118,090	450 254,205	16,603	16,137	75	94	8 770	188,956	572,392	3,029	2,562
26	45	97 294	25 722,329	423 136,114	16,450	15,983	76	95	6 535	133,775	383,436	2,866	2,399
27	46	97 114	24 394,066	397 413,786	16,291	15,825	77	96	4 728	91,962	249,661	2,715	2,248
28	47	96 916	23 129,951	373 019,720	16,127	15,660	78	97	3 314	61,243	157,699	2,575	2,108
29	48	96 699	21 927,083	349 889,769	15,957	15,490	79	98	2 245	39,419	96,456	2,447	1,980
30	49	96 464	20 782,815	327 962,686	15,780	15,314	80	99	1 468	24,491	57,037	2,329	1,862
31	50	96 204	19 692,902	307 179,872	15,599	15,132	81	100	925	14,666	32,545	2,219	1,752
32	51	95 924	18 656,051	287 486,969	15,410	14,943							
33	52	95 619	17 669,096	268 830,918	15,215	14,748							
34	53	95 284	16 728,871	251 161,823	15,014	14,547							
35	54	94 922	15 834,058	234 432,951	14,806	14,339							
36	55	94 539	14 983,630	218 598,893	14,589	14,122							
37	56	94 121	14 173,291	203 615,264	14,366	13,899							
38	57	93 677	13 402,782	189 441,973	14,135	13,668							
39	58	93 200	12 669,400	176 039,191	13,895	13,428							
40	59	92 683	11 970,564	163 369,790	13,648	13,181							
41	60	92 127	11 305,230	151 399,226	13,392	12,925							
42	61	91 505	10 668,792	140 093,996	13,131	12,664							
43	62	90 840	10 062,953	129 425,204	12,862	12,395							
44	63	90 106	9 483,751	119 362,251	12,586	12,119							
45	64	89 321	8 932,172	109 878,500	12,301	11,835							
46	65	88 468	8 405,593	100 946,328	12,009	11,543							
47	66	87 560	7 904,340	92 540,735	11,708	11,241							
48	67	86 560	7 424,325	84 636,395	11,400	10,933							
49	68	85 495	6 967,154	77 212,070	11,082	10,616							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß   5,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	20	99 449	99 449,245	1 874 231,279	18,846	18,379	50	70	83 465	6 462,471	67 667,539	10,471	10,004
1	21	99 043	94 102,235	1 774 782,034	18,860	18,393	51	71	82 166	6 044,581	61 205,068	10,126	9,659
2	22	98 989	89 360,338	1 680 679,798	18,808	18,341	52	72	80 724	5 642,294	55 160,487	9,776	9,309
3	23	98 949	84 867,866	1 591 319,461	18,751	18,284	53	73	79 157	5 256,789	49 518,193	9,420	8,953
4	24	98 912	80 604,910	1 506 451,595	18,689	18,223	54	74	77 440	4 886,235	44 261,404	9,058	8,592
5	25	98 879	76 558,589	1 425 846,685	18,624	18,157	55	75	75 529	4 527,903	39 375,169	8,696	8,229
6	26	98 847	72 715,894	1 349 288,095	18,556	18,089	56	76	73 408	4 181,249	34 847,266	8,334	7,867
7	27	98 813	69 065,086	1 276 572,201	18,484	18,017	57	77	71 088	3 847,132	30 666,017	7,971	7,504
8	28	98 778	65 597,001	1 207 507,115	18,408	17,941	58	78	68 561	3 525,304	26 818,885	7,608	7,141
9	29	98 745	62 303,991	1 141 910,114	18,328	17,861	59	79	65 779	3 213,535	23 293,580	7,249	6,782
10	30	98 709	59 174,559	1 079 606,123	18,244	17,778	60	80	62 786	2 914,310	20 080,045	6,890	6,423
11	31	98 672	56 201,923	1 020 431,565	18,157	17,690	61	81	59 538	2 625,722	17 165,735	6,538	6,071
12	32	98 634	53 377,793	964 229,642	18,064	17,597	62	82	56 072	2 349,493	14 540,014	6,189	5,722
13	33	98 588	50 691,623	910 851,849	17,968	17,502	63	83	52 345	2 083,913	12 190,521	5,850	5,383
14	34	98 541	48 140,113	860 160,226	17,868	17,401	64	84	48 442	1 832,334	10 106,608	5,516	5,049
15	35	98 484	45 712,534	812 020,112	17,764	17,297	65	85	44 305	1 592,273	8 274,274	5,197	4,730
16	36	98 428	43 407,332	766 307,578	17,654	17,187	66	86	40 027	1 366,756	6 682,002	4,889	4,422
17	37	98 355	41 211,817	722 900,246	17,541	17,074	67	87	35 656	1 156,769	5 315,245	4,595	4,128
18	38	98 269	39 121,965	681 688,430	17,425	16,958	68	88	31 226	962,525	4 158,476	4,320	3,854
19	39	98 167	37 131,933	642 566,465	17,305	16,838	69	89	26 883	787,310	3 195,952	4,059	3,593
20	40	98 055	35 239,178	605 434,532	17,181	16,714	70	90	22 595	628,729	2 408,642	3,831	3,364
21	41	97 933	33 439,762	570 195,355	17,051	16,585	71	91	18 663	493,402	1 779,913	3,607	3,141
22	42	97 801	31 729,125	536 755,592	16,917	16,450	72	92	14 964	375,883	1 286,512	3,423	2,956
23	43	97 662	30 103,599	505 026,468	16,776	16,309	73	93	11 803	281,705	910,629	3,233	2,766
24	44	97 511	28 557,770	474 922,869	16,630	16,163	74	94	9 078	205,848	628,924	3,055	2,588
25	45	97 347	27 087,633	446 365,099	16,479	16,012	75	95	6 789	146,274	423,076	2,892	2,426
26	46	97 170	25 689,681	419 277,466	16,321	15,854	76	96	4 934	100,993	276,802	2,741	2,274
27	47	96 977	24 359,692	393 587,785	16,157	15,691	77	97	3 477	67,619	175,809	2,600	2,133
28	48	96 757	23 092,131	369 228,093	15,989	15,523	78	98	2 370	43,803	108,190	2,470	2,003
29	49	96 528	21 888,306	346 135,963	15,814	15,347	79	99	1 560	27,389	64,387	2,351	1,884
30	50	96 266	20 740,051	324 247,656	15,634	15,167	80	100	990	16,509	36,998	2,241	1,774
31	51	95 992	19 649,519	303 507,606	15,446	14,979							
32	52	95 689	18 610,404	283 858,087	15,253	14,786							
33	53	95 356	17 620,587	265 247,683	15,053	14,586							
34	54	94 997	16 678,575	247 627,096	14,847	14,380							
35	55	94 619	15 783,528	230 948,520	14,632	14,165							
36	56	94 204	14 930,540	215 164,992	14,411	13,944							
37	57	93 766	14 119,826	200 234,452	14,181	13,714							
38	58	93 303	13 349,217	186 114,626	13,942	13,475							
39	59	92 789	12 613,499	172 765,409	13,697	13,230							
40	60	92 245	11 914,039	160 151,910	13,442	12,975							
41	61	91 630	11 244,302	148 237,871	13,183	12,717							
42	62	90 979	10 607,481	136 993,569	12,915	12,448							
43	63	90 267	9 999,480	126 386,087	12,639	12,172							
44	64	89 499	9 419,851	116 386,608	12,355	11,889							
45	65	88 664	8 866,526	106 966,757	12,064	11,597							
46	66	87 777	8 339,947	98 100,231	11,763	11,296							
47	67	86 811	7 836,724	89 760,284	11,454	10,987							
48	68	85 770	7 356,523	81 923,560	11,136	10,669							
49	69	84 664	6 899,498	74 567,037	10,808	10,341							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß   5,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	21	99 427	99 427,169	1 869 601,301	18,804	18,337	50	71	82 496	6 387,476	64 987,448	10,174	9,707
1	22	99 022	94 082,541	1 770 174,132	18,815	18,348	51	72	81 108	5 966,743	58 599,972	9,821	9,354
2	23	98 967	89 340,292	1 676 091,592	18,761	18,294	52	73	79 556	5 560,607	52 633,228	9,465	8,999
3	24	98 926	84 848,467	1 586 751,300	18,701	18,234	53	74	77 870	5 171,307	47 072,622	9,103	8,636
4	25	98 892	80 588,617	1 501 902,834	18,637	18,170	54	75	76 000	4 795,315	41 901,315	8,738	8,271
5	26	98 857	76 541,748	1 421 314,217	18,569	18,102	55	76	73 908	4 430,743	37 106,000	8,375	7,908
6	27	98 823	72 698,685	1 344 772,469	18,498	18,031	56	77	71 610	4 078,838	32 675,257	8,011	7,544
7	28	98 786	69 046,532	1 272 073,784	18,423	17,957	57	78	69 117	3 740,476	28 596,419	7,645	7,178
8	29	98 753	65 580,413	1 203 027,252	18,344	17,878	58	79	66 363	3 412,254	24 855,943	7,284	6,818
9	30	98 717	62 286,115	1 137 446,839	18,262	17,795	59	80	63 391	3 096,865	21 443,689	6,924	6,458
10	31	98 681	59 157,810	1 075 160,724	18,174	17,708	60	81	60 164	2 792,592	18 346,824	6,570	6,103
11	32	98 642	56 184,948	1 016 002,914	18,083	17,616	61	82	56 705	2 500,763	15 554,232	6,220	5,753
12	33	98 599	53 358,872	959 817,965	17,988	17,521	62	83	52 980	2 219,932	13 053,469	5,880	5,413
13	34	98 552	50 673,089	906 459,094	17,888	17,422	63	84	49 062	1 953,227	10 833,538	5,546	5,080
14	35	98 499	48 119,665	855 786,005	17,785	17,318	64	85	44 939	1 699,828	8 880,310	5,224	4,757
15	36	98 445	45 694,352	807 666,340	17,675	17,209	65	86	40 639	1 460,505	7 180,483	4,916	4,450
16	37	98 381	43 386,704	761 971,989	17,562	17,096	66	87	36 255	1 237,977	5 719,978	4,620	4,154
17	38	98 303	41 189,822	718 585,284	17,446	16,979	67	88	31 794	1 031,501	4 482,002	4,345	3,878
18	39	98 215	39 100,185	677 395,462	17,325	16,858	68	89	27 407	844,820	3 450,501	4,084	3,618
19	40	98 103	37 107,368	638 295,277	17,201	16,735	69	90	23 078	675,892	2 605,681	3,855	3,388
20	41	97 985	35 214,291	601 187,909	17,072	16,605	70	91	19 097	531,404	1 929,789	3,631	3,165
21	42	97 854	33 412,960	565 973,618	16,939	16,472	71	92	15 346	405,731	1 398,385	3,447	2,980
22	43	97 714	31 700,883	532 560,658	16,800	16,333	72	93	12 132	304,756	992,654	3,257	2,790
23	44	97 562	30 072,775	500 859,775	16,655	16,188	73	94	9 357	223,321	687,898	3,080	2,614
24	45	97 402	28 525,695	470 787,000	16,504	16,037	74	95	7 027	159,350	464,577	2,915	2,449
25	46	97 224	27 053,252	442 261,305	16,348	15,881	75	96	5 126	110,429	305,226	2,764	2,297
26	47	97 033	25 653,481	415 208,053	16,185	15,718	76	97	3 628	74,260	194,797	2,623	2,156
27	48	96 818	24 319,861	389 554,572	16,018	15,551	77	98	2 487	48,363	120,538	2,492	2,026
28	49	96 586	23 051,294	365 234,710	15,844	15,378	78	99	1 647	30,434	72,175	2,371	1,905
29	50	96 329	21 843,268	342 183,416	15,665	15,199	79	100	1 052	18,463	41,740	2,261	1,794
30	51	96 054	20 694,361	320 340,149	15,480	15,013							
31	52	95 758	19 601,440	299 645,788	15,287	14,820							
32	53	95 427	18 559,311	280 044,348	15,089	14,622							
33	54	95 070	17 567,610	261 485,037	14,884	14,418							
34	55	94 694	16 625,350	243 917,426	14,671	14,205							
35	56	94 284	15 727,604	227 292,076	14,452	13,985							
36	57	93 849	14 874,219	211 564,471	14,224	13,757							
37	58	93 392	14 063,395	196 690,252	13,986	13,519							
38	59	92 891	13 290,316	182 626,857	13,741	13,275							
39	60	92 351	12 553,938	169 336,541	13,489	13,022							
40	61	91 748	11 849,830	156 782,603	13,231	12,764							
41	62	91 104	11 179,685	144 932,773	12,964	12,497							
42	63	90 405	10 540,573	133 753,088	12,689	12,223							
43	64	89 659	9 932,104	123 212,515	12,405	11,939							
44	65	88 841	9 350,621	113 280,411	12,115	11,648							
45	66	87 972	8 797,279	103 929,790	11,814	11,347							
46	67	87 026	8 268,604	95 132,511	11,505	11,038							
47	68	86 018	7 765,157	86 863,906	11,186	10,720							
48	69	84 937	7 285,087	79 098,750	10,858	10,391							
49	70	83 765	6 826,215	71 813,663	10,520	10,053							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß   5,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	22	99 406	99 406,360	1 864 709,491	18,758	18,292	50	72	81 434	6 305,223	62 206,148	9,866	9,399
1	23	99 000	94 061,435	1 765 303,132	18,768	18,301	51	73	79 934	5 880,359	55 900,925	9,506	9,040
2	24	98 945	89 319,870	1 671 241,697	18,711	18,244	52	74	78 262	5 470,184	50 020,566	9,144	8,677
3	25	98 906	84 831,316	1 581 921,826	18,648	18,181	53	75	76 421	5 075,082	44 550,382	8,778	8,311
4	26	98 870	80 570,889	1 497 090,511	18,581	18,114	54	76	74 369	4 692,417	39 475,300	8,413	7,946
5	27	98 834	76 523,633	1 416 519,622	18,511	18,044	55	77	72 098	4 322,222	34 782,883	8,047	7,581
6	28	98 797	72 679,154	1 339 995,989	18,437	17,970	56	78	69 625	3 965,758	30 460,661	7,681	7,214
7	29	98 761	69 029,072	1 267 316,835	18,359	17,892	57	79	66 901	3 620,525	26 494,903	7,318	6,851
8	30	98 725	65 561,597	1 198 287,762	18,277	17,810	58	80	63 953	3 288,369	22 874,378	6,956	6,489
9	31	98 689	62 268,486	1 132 726,165	18,191	17,724	59	81	60 743	2 967,523	19 586,009	6,600	6,133
10	32	98 651	59 139,943	1 070 457,680	18,100	17,634	60	82	57 300	2 659,692	16 618,487	6,248	5,781
11	33	98 607	56 165,032	1 011 317,736	18,006	17,539	61	83	53 578	2 362,860	13 958,795	5,908	5,441
12	34	98 563	53 339,362	955 152,704	17,907	17,440	62	84	49 657	2 080,716	11 595,935	5,573	5,106
13	35	98 510	50 651,564	901 813,342	17,804	17,337	63	85	45 514	1 811,978	9 515,219	5,251	4,784
14	36	98 460	48 100,525	851 161,778	17,695	17,229	64	86	41 220	1 559,159	7 703,241	4,941	4,474
15	37	98 398	45 672,637	803 061,253	17,583	17,116	65	87	36 810	1 322,892	6 144,082	4,644	4,178
16	38	98 328	43 363,549	757 388,616	17,466	16,999	66	88	32 329	1 103,914	4 821,190	4,367	3,901
17	39	98 248	41 166,891	714 025,067	17,345	16,878	67	89	27 906	905,361	3 717,275	4,106	3,639
18	40	98 150	39 074,318	672 858,175	17,220	16,753	68	90	23 529	725,264	2 811,914	3,877	3,410
19	41	98 033	37 081,162	633 783,857	17,092	16,625	69	91	19 506	571,267	2 086,650	3,653	3,186
20	42	97 907	35 186,067	596 702,695	16,958	16,492	70	92	15 704	436,981	1 515,383	3,468	3,001
21	43	97 767	33 383,220	561 516,628	16,820	16,354	71	93	12 442	328,956	1 078,402	3,278	2,811
22	44	97 614	31 668,423	528 133,409	16,677	16,210	72	94	9 618	241,595	749,447	3,102	2,635
23	45	97 453	30 038,998	496 464,985	16,527	16,061	73	95	7 244	172,877	507,852	2,938	2,471
24	46	97 278	28 489,489	466 425,987	16,372	15,905	74	96	5 305	120,301	334,975	2,784	2,318
25	47	97 087	27 015,131	437 936,498	16,211	15,744	75	97	3 769	81,198	214,674	2,644	2,177
26	48	96 875	25 611,535	410 921,367	16,044	15,578	76	98	2 595	53,113	133,476	2,513	2,046
27	49	96 647	24 276,853	385 309,832	15,871	15,405	77	99	1 728	33,603	80,364	2,392	1,925
28	50	96 387	23 003,862	361 032,979	15,694	15,228	78	100	1 110	20,516	46,761	2,279	1,812
29	51	96 117	21 795,147	338 029,116	15,509	15,043							
30	52	95 819	20 643,726	316 233,969	15,319	14,852							
31	53	95 495	19 547,627	295 590,243	15,122	14,655							
32	54	95 140	18 503,512	276 042,616	14,918	14,452							
33	55	94 766	17 511,548	257 539,104	14,707	14,240							
34	56	94 358	16 566,444	240 027,556	14,489	14,022							
35	57	93 928	15 668,277	223 461,112	14,262	13,795							
36	58	93 474	14 814,773	207 792,835	14,026	13,559							
37	59	92 980	14 001,343	192 978,062	13,783	13,316							
38	60	92 453	13 227,559	178 976,719	13,531	13,064							
39	61	91 853	12 486,280	165 749,160	13,275	12,808							
40	62	91 221	11 781,732	153 262,880	13,009	12,542							
41	63	90 529	11 109,167	141 481,147	12,736	12,269							
42	64	89 796	10 469,552	130 371,980	12,452	11,986							
43	65	89 000	9 859,109	119 902,428	12,162	11,695							
44	66	88 147	9 277,594	110 043,319	11,861	11,394							
45	67	87 219	8 722,025	100 765,725	11,553	11,086							
46	68	86 231	8 193,093	92 043,700	11,234	10,768							
47	69	85 183	7 689,752	83 850,607	10,904	10,437							
48	70	84 035	7 207,708	76 160,855	10,567	10,100							
49	71	82 793	6 746,999	68 953,146	10,220	9,753							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß   5,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	23	99 384	99 384,060	1 859 541,577	18,711	18,244	50	73	80 255	6 213,938	59 326,981	9,547	9,081
1	24	98 977	94 039,934	1 760 157,517	18,717	18,250	51	74	78 634	5 784,737	53 113,043	9,182	8,715
2	25	98 925	89 301,815	1 666 117,583	18,657	18,190	52	75	76 806	5 368,398	47 328,306	8,816	8,349
3	26	98 884	84 812,655	1 576 815,767	18,592	18,125	53	76	74 781	4 966,181	41 959,908	8,449	7,982
4	27	98 847	80 551,821	1 492 003,113	18,522	18,055	54	77	72 547	4 577,487	36 993,727	8,082	7,615
5	28	98 807	76 503,075	1 411 451,292	18,450	17,983	55	78	70 099	4 202,394	32 416,240	7,714	7,247
6	29	98 772	72 660,776	1 334 948,217	18,372	17,906	56	79	67 392	3 838,583	28 213,846	7,350	6,883
7	30	98 733	69 009,266	1 262 287,441	18,292	17,825	57	80	64 472	3 489,079	24 375,264	6,986	6,519
8	31	98 697	65 543,041	1 193 278,175	18,206	17,739	58	81	61 282	3 151,028	20 886,185	6,628	6,162
9	32	98 659	62 249,679	1 127 735,134	18,116	17,650	59	82	57 852	2 826,297	17 735,157	6,275	5,808
10	33	98 616	59 118,980	1 065 485,455	18,023	17,556	60	83	54 141	2 513,025	14 908,860	5,933	5,466
11	34	98 571	56 144,496	1 006 366,475	17,925	17,458	61	84	50 218	2 214,681	12 395,835	5,597	5,130
12	35	98 521	53 316,704	950 221,979	17,822	17,355	62	85	46 066	1 930,248	10 181,154	5,275	4,808
13	36	98 471	50 631,417	896 905,274	17,714	17,248	63	86	41 748	1 662,028	8 250,906	4,964	4,498
14	37	98 413	48 077,667	846 273,857	17,602	17,135	64	87	37 336	1 412,251	6 588,877	4,666	4,199
15	38	98 346	45 648,262	798 196,190	17,486	17,019	65	88	32 823	1 179,634	5 176,627	4,388	3,922
16	39	98 274	43 339,408	752 547,928	17,364	16,897	66	89	28 376	968,920	3 996,993	4,125	3,658
17	40	98 183	41 139,658	709 208,520	17,239	16,772	67	90	23 957	777,237	3 028,073	3,896	3,429
18	41	98 080	39 046,723	668 068,862	17,109	16,643	68	91	19 887	612,996	2 250,836	3,672	3,205
19	42	97 955	37 051,442	629 022,139	16,977	16,510	69	92	16 040	469,760	1 637,839	3,487	3,020
20	43	97 820	35 154,748	591 970,698	16,839	16,372	70	93	12 732	354,293	1 168,079	3,297	2,830
21	44	97 667	33 349,037	556 815,950	16,697	16,230	71	94	9 864	260,779	813,786	3,121	2,654
22	45	97 505	31 632,855	523 466,912	16,548	16,081	72	95	7 445	187,023	553,007	2,957	2,490
23	46	97 329	30 000,872	491 834,058	16,394	15,927	73	96	5 468	130,512	365,985	2,804	2,337
24	47	97 141	28 449,345	461 833,186	16,234	15,767	74	97	3 901	88,457	235,472	2,662	2,195
25	48	96 928	26 970,958	433 383,841	16,069	15,602	75	98	2 696	58,075	147,015	2,531	2,065
26	49	96 703	25 566,243	406 412,883	15,896	15,430	76	99	1 803	36,903	88,940	2,410	1,943
27	50	96 448	24 226,900	380 846,640	15,720	15,253	77	100	1 165	22,652	52,037	2,297	1,830
28	51	96 175	22 953,185	356 619,740	15,537	15,070							
29	52	95 882	21 741,819	333 666,555	15,347	14,880							
30	53	95 556	20 587,051	311 924,737	15,152	14,685							
31	54	95 208	19 488,856	291 337,685	14,949	14,482							
32	55	94 836	18 444,463	271 848,829	14,739	14,272							
33	56	94 431	17 449,502	253 404,366	14,522	14,055							
34	57	94 003	16 503,952	235 954,864	14,297	13,830							
35	58	93 553	15 605,657	219 450,912	14,062	13,595							
36	59	93 062	14 749,406	203 845,255	13,821	13,354							
37	60	92 541	13 935,229	189 095,849	13,570	13,103							
38	61	91 954	13 156,271	175 160,620	13,314	12,847							
39	62	91 326	12 414,525	162 004,349	13,050	12,583							
40	63	90 645	11 707,417	149 589,824	12,777	12,311							
41	64	89 919	11 034,315	137 882,407	12,496	12,029							
42	65	89 136	10 392,607	126 848,091	12,206	11,739							
43	66	88 305	9 782,111	116 455,484	11,905	11,438							
44	67	87 393	9 198,231	106 673,373	11,597	11,130							
45	68	86 423	8 642,373	97 475,143	11,279	10,812							
46	69	85 394	8 113,533	88 832,770	10,949	10,482							
47	70	84 278	7 608,075	80 719,237	10,610	10,143							
48	71	83 059	7 124,065	73 111,162	10,263	9,796							
49	72	81 727	6 660,116	65 987,097	9,908	9,441							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß   5,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	24	99 361	99 361,342	1 854 085,456	18,660	18,193	50	74	78 950	6 112,892	56 355,369	9,219	8,752
1	25	98 957	94 020,925	1 754 724,113	18,663	18,196	51	75	77 171	5 677,097	50 242,477	8,850	8,383
2	26	98 903	89 282,171	1 660 703,188	18,601	18,134	52	76	75 158	5 253,203	44 565,380	8,483	8,017
3	27	98 861	84 792,582	1 571 421,017	18,533	18,066	53	77	72 950	4 844,545	39 312,177	8,115	7,648
4	28	98 821	80 530,180	1 486 628,435	18,461	17,994	54	78	70 536	4 450,582	34 467,632	7,745	7,278
5	29	98 782	76 483,730	1 406 098,254	18,384	17,917	55	79	67 851	4 067,631	30 017,050	7,379	6,913
6	30	98 743	72 639,928	1 329 614,525	18,304	17,837	56	80	64 945	3 699,220	25 949,419	7,015	6,548
7	31	98 705	68 989,735	1 256 974,597	18,220	17,753	57	81	61 779	3 343,355	22 250,200	6,655	6,188
8	32	98 667	65 523,245	1 187 984,862	18,131	17,664	58	82	58 366	3 001,070	18 906,845	6,300	5,833
9	33	98 624	62 227,613	1 122 461,617	18,038	17,571	59	83	54 662	2 670,443	15 905,775	5,956	5,489
10	34	98 580	59 097,364	1 060 234,004	17,940	17,474	60	84	50 745	2 355,429	13 235,332	5,619	5,152
11	35	98 529	56 120,648	1 001 136,640	17,839	17,372	61	85	46 586	2 054,525	10 879,903	5,296	4,829
12	36	98 482	53 295,497	945 015,993	17,732	17,265	62	86	42 254	1 770,511	8 825,378	4,985	4,518
13	37	98 424	50 607,356	891 720,495	17,620	17,154	63	87	37 814	1 505,428	7 054,867	4,686	4,219
14	38	98 361	48 052,009	841 113,139	17,504	17,037	64	88	33 293	1 259,316	5 549,440	4,407	3,940
15	39	98 291	45 622,849	793 061,130	17,383	16,916	65	89	28 810	1 035,380	4 290,124	4,144	3,677
16	40	98 209	43 310,737	747 438,281	17,258	16,791	66	90	24 360	831,801	3 254,744	3,913	3,446
17	41	98 114	41 110,604	704 127,544	17,128	16,661	67	91	20 249	656,924	2 422,943	3,688	3,222
18	42	98 002	39 015,427	663 016,940	16,994	16,527	68	92	16 353	504,075	1 766,018	3,503	3,037
19	43	97 867	37 018,463	624 001,513	16,856	16,390	69	93	13 005	380,870	1 261,943	3,313	2,847
20	44	97 719	35 118,752	586 983,050	16,714	16,247	70	94	10 094	280,865	881,074	3,137	2,670
21	45	97 557	33 311,581	551 864,299	16,567	16,100	71	95	7 636	201,874	600,209	2,973	2,506
22	46	97 381	31 592,705	518 552,717	16,414	15,947	72	96	5 621	141,192	398,335	2,821	2,354
23	47	97 192	29 958,597	486 960,012	16,254	15,788	73	97	4 021	95,965	257,144	2,680	2,213
24	48	96 982	28 402,827	457 001,415	16,090	15,623	74	98	2 790	63,267	161,178	2,548	2,081
25	49	96 757	26 923,262	428 598,588	15,919	15,452	75	99	1 873	40,351	97,911	2,426	1,960
26	50	96 504	25 513,636	401 675,326	15,744	15,277	76	100	1 215	24,876	57,560	2,314	1,847
27	51	96 236	24 173,528	376 161,690	15,561	15,094							
28	52	95 940	22 897,023	351 988,162	15,373	14,906							
29	53	95 619	21 682,129	329 091,139	15,178	14,711							
30	54	95 269	20 525,155	307 409,009	14,977	14,510							
31	55	94 904	19 426,663	286 883,854	14,768	14,301							
32	56	94 500	18 379,111	267 457,191	14,552	14,085							
33	57	94 074	17 383,679	249 078,080	14,328	13,861							
34	58	93 627	16 437,993	231 694,401	14,095	13,628							
35	59	93 140	15 536,800	215 256,408	13,855	13,388							
36	60	92 622	14 679,759	199 719,607	13,605	13,138							
37	61	92 042	13 860,127	185 039,849	13,351	12,884							
38	62	91 426	13 080,666	171 179,722	13,086	12,620							
39	63	90 749	12 336,219	158 099,056	12,816	12,349							
40	64	90 035	11 628,535	145 762,837	12,535	12,068							
41	65	89 258	10 953,220	134 134,303	12,246	11,779							
42	66	88 440	10 311,442	123 181,083	11,946	11,479							
43	67	87 549	9 698,432	112 869,641	11,638	11,171							
44	68	86 595	9 114,230	103 171,209	11,320	10,853							
45	69	85 583	8 558,450	94 056,979	10,990	10,523							
46	70	84 487	8 027,355	85 498,529	10,651	10,184							
47	71	83 300	7 519,786	77 471,174	10,302	9,836							
48	72	81 990	7 032,327	69 951,389	9,947	9,480							
49	73	80 544	6 563,693	62 919,062	9,586	9,119							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß   5,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	25	99 341	99 341,258	1 848 327,285	18,606	18,139	50	75	77 481	5 999,146	53 297,827	8,884	8,417
1	26	98 935	94 000,243	1 748 986,027	18,606	18,139	51	76	75 515	5 555,278	47 298,681	8,514	8,047
2	27	98 879	89 261,041	1 654 985,784	18,541	18,074	52	77	73 317	5 124,537	41 743,403	8,146	7,679
3	28	98 834	84 769,803	1 565 724,743	18,470	18,004	53	78	70 927	4 710,236	36 618,865	7,774	7,308
4	29	98 796	80 509,817	1 480 954,941	18,395	17,928	54	79	68 274	4 307,859	31 908,629	7,407	6,940
5	30	98 754	76 461,785	1 400 445,124	18,316	17,849	55	80	65 388	3 919,951	27 600,770	7,041	6,574
6	31	98 715	72 619,368	1 323 983,339	18,232	17,765	56	81	62 233	3 544,720	23 680,818	6,681	6,214
7	32	98 675	68 968,898	1 251 363,971	18,144	17,677	57	82	58 839	3 184,244	20 136,099	6,324	5,857
8	33	98 632	65 500,019	1 182 395,073	18,052	17,585	58	83	55 147	2 835,578	16 951,855	5,978	5,511
9	34	98 588	62 204,861	1 116 895,054	17,955	17,488	59	84	51 234	2 502,975	14 116,277	5,640	5,173
10	35	98 538	59 072,261	1 054 690,193	17,854	17,387	60	85	47 076	2 185,095	11 613,302	5,315	4,848
11	36	98 490	56 098,325	995 617,932	17,748	17,281	61	86	42 731	1 884,503	9 428,207	5,003	4,536
12	37	98 435	53 270,171	939 519,607	17,637	17,170	62	87	38 273	1 603,689	7 543,704	4,704	4,237
13	38	98 371	50 580,348	886 249,436	17,522	17,055	63	88	33 719	1 342,403	5 940,015	4,425	3,958
14	39	98 306	48 025,257	835 669,088	17,401	16,934	64	89	29 221	1 105,318	4 597,613	4,160	3,693
15	40	98 226	45 592,668	787 643,831	17,276	16,809	65	90	24 733	888,856	3 492,295	3,929	3,462
16	41	98 139	43 280,150	742 051,163	17,145	16,679	66	91	20 589	703,042	2 603,439	3,703	3,236
17	42	98 035	41 077,654	698 771,013	17,011	16,544	67	92	16 651	540,198	1 900,397	3,518	3,051
18	43	97 915	38 980,700	657 693,360	16,872	16,405	68	93	13 259	408,691	1 360,199	3,328	2,861
19	44	97 767	36 980,558	618 712,660	16,731	16,264	69	94	10 309	301,933	951,508	3,151	2,685
20	45	97 610	35 079,308	581 732,102	16,583	16,117	70	95	7 814	217,422	649,575	2,988	2,521
21	46	97 433	33 269,301	546 652,794	16,431	15,964	71	96	5 765	152,404	432,153	2,836	2,369
22	47	97 244	31 548,188	513 383,493	16,273	15,806	72	97	4 133	103,818	279,749	2,695	2,228
23	48	97 033	29 909,611	481 835,305	16,110	15,643	73	98	2 876	68,637	175,931	2,563	2,096
24	49	96 811	28 352,598	451 925,694	15,939	15,473	74	99	1 939	43,958	107,294	2,441	1,974
25	50	96 557	26 867,863	423 573,096	15,765	15,298	75	100	1 263	27,201	63,336	2,328	1,862
26	51	96 292	25 457,430	396 705,232	15,583	15,116							
27	52	96 000	24 114,380	371 247,802	15,395	14,928							
28	53	95 676	22 834,163	347 133,422	15,202	14,736							
29	54	95 331	21 616,941	324 299,259	15,002	14,535							
30	55	94 965	20 459,655	302 682,318	14,794	14,327							
31	56	94 568	19 357,831	282 222,663	14,579	14,112							
32	57	94 144	18 309,781	262 864,832	14,357	13,890							
33	58	93 698	17 314,204	244 555,051	14,125	13,658							
34	59	93 214	16 365,463	227 240,847	13,885	13,419							
35	60	92 700	15 463,435	210 875,383	13,637	13,170							
36	61	92 123	14 600,644	195 411,948	13,384	12,917							
37	62	91 513	13 780,477	180 811,304	13,121	12,654							
38	63	90 849	12 998,158	167 030,827	12,850	12,384							
39	64	90 138	12 253,099	154 032,669	12,571	12,104							
40	65	89 373	11 543,072	141 779,570	12,283	11,816							
41	66	88 561	10 867,676	130 236,499	11,984	11,517							
42	67	87 683	10 223,235	119 368,822	11,676	11,209							
43	68	86 750	9 609,863	109 145,587	11,358	10,891							
44	69	85 754	9 025,725	99 535,724	11,028	10,561							
45	70	84 674	8 467,546	90 509,999	10,689	10,222							
46	71	83 506	7 934,200	82 042,453	10,340	9,874							
47	72	82 227	7 422,952	74 108,253	9,984	9,517							
48	73	80 803	6 930,515	66 685,301	9,622	9,155							
49	74	79 234	6 456,959	59 754,786	9,254	8,788							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß   5,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	49	93 528	7 241,630	101 659,464	14,038	13,571
1	0	99 613	94 644,388	1 827 631,633	19,311	18,844	51	50	92 962	6 838,780	94 417,835	13,806	13,339
2	1	99 267	89 610,577	1 732 987,245	19,339	18,872	52	51	92 318	6 452,666	87 579,054	13,573	13,106
3	2	99 222	85 102,151	1 643 376,668	19,311	18,844	53	52	91 632	6 085,183	81 126,388	13,332	12,865
4	3	99 193	80 833,866	1 558 274,517	19,277	18,811	54	53	90 876	5 733,948	75 041,205	13,087	12,620
5	4	99 169	76 782,993	1 477 440,651	19,242	18,775	55	54	90 041	5 397,915	69 307,257	12,840	12,373
6	5	99 146	72 936,388	1 400 657,658	19,204	18,737	56	55	89 147	5 077,703	63 909,342	12,586	12,119
7	6	99 126	69 283,905	1 327 721,270	19,163	18,697	57	56	88 183	4 772,286	58 831,639	12,328	11,861
8	7	99 109	65 816,782	1 258 437,365	19,120	18,654	58	57	87 144	4 480,793	54 059,353	12,065	11,598
9	8	99 092	62 523,184	1 192 620,583	19,075	18,608	59	58	86 032	4 202,981	49 578,559	11,796	11,329
10	9	99 077	59 395,411	1 130 097,399	19,027	18,560	60	59	84 835	3 937,771	45 375,578	11,523	11,056
11	10	99 062	56 423,758	1 070 701,988	18,976	18,509	61	60	83 557	3 684,988	41 437,807	11,245	10,778
12	11	99 046	53 600,867	1 014 278,229	18,923	18,456	62	61	82 179	3 443,426	37 752,819	10,964	10,497
13	12	99 027	50 917,450	960 677,363	18,867	18,401	63	62	80 727	3 213,866	34 309,393	10,675	10,209
14	13	99 008	48 368,366	909 759,913	18,809	18,342	64	63	79 204	2 995,929	31 095,527	10,379	9,912
15	14	98 984	45 944,678	861 391,547	18,748	18,282	65	64	77 561	2 787,456	28 099,598	10,081	9,614
16	15	98 956	43 640,399	815 446,868	18,686	18,219	66	65	75 832	2 589,361	25 312,142	9,775	9,309
17	16	98 918	41 447,580	771 806,469	18,621	18,154	67	66	73 995	2 400,610	22 722,781	9,465	8,999
18	17	98 869	39 360,724	730 358,889	18,556	18,089	68	67	72 050	2 220,920	20 322,172	9,150	8,684
19	18	98 806	37 373,359	690 998,165	18,489	18,022	69	68	70 025	2 050,831	18 101,252	8,826	8,360
20	19	98 735	35 483,670	653 624,806	18,420	17,954	70	69	67 893	1 889,200	16 050,421	8,496	8,029
21	20	98 661	33 688,607	618 141,136	18,349	17,882	71	70	65 643	1 735,465	14 161,221	8,160	7,693
22	21	98 586	31 983,779	584 452,529	18,273	17,807	72	71	63 263	1 589,136	12 425,756	7,819	7,352
23	22	98 513	30 365,884	552 468,750	18,194	17,727	73	72	60 756	1 450,022	10 836,620	7,473	7,007
24	23	98 440	28 829,644	522 102,866	18,110	17,643	74	73	58 089	1 317,219	9 386,598	7,126	6,659
25	24	98 362	27 370,001	493 273,222	18,022	17,556	75	74	55 209	1 189,467	8 069,379	6,784	6,317
26	25	98 288	25 985,211	465 903,221	17,930	17,463	76	75	52 153	1 067,583	6 879,913	6,444	5,978
27	26	98 209	24 669,264	439 918,009	17,833	17,366	77	76	48 910	951,257	5 812,329	6,110	5,643
28	27	98 124	23 418,351	415 248,746	17,732	17,265	78	77	45 482	840,456	4 861,072	5,784	5,317
29	28	98 039	22 230,870	391 830,395	17,626	17,159	79	78	41 885	735,386	4 020,616	5,467	5,001
30	29	97 949	21 102,740	369 599,524	17,514	17,047	80	79	38 156	636,495	3 285,230	5,161	4,695
31	30	97 859	20 031,530	348 496,784	17,397	16,931	81	80	34 379	544,878	2 648,735	4,861	4,394
32	31	97 761	19 013,365	328 465,254	17,275	16,809	82	81	30 543	459,936	2 103,858	4,574	4,107
33	32	97 660	18 046,224	309 451,889	17,148	16,681	83	82	26 753	382,765	1 643,922	4,295	3,828
34	33	97 551	17 126,894	291 405,665	17,015	16,548	84	83	23 055	313,412	1 261,157	4,024	3,557
35	34	97 438	16 253,732	274 278,771	16,875	16,408	85	84	19 488	251,699	947,745	3,765	3,299
36	35	97 314	15 423,449	258 025,040	16,729	16,263	86	85	16 114	197,749	696,047	3,520	3,053
37	36	97 190	14 635,377	242 601,590	16,576	16,110	87	86	12 994	151,499	498,297	3,289	2,822
38	37	97 052	13 885,550	227 966,214	16,418	15,951	88	87	10 178	112,746	346,798	3,076	2,609
39	38	96 893	13 171,387	214 080,664	16,253	15,787	89	88	7 730	81,355	234,052	2,877	2,410
40	39	96 728	12 493,057	200 909,277	16,082	15,615	90	89	5 649	56,496	152,697	2,703	2,236
41	40	96 540	11 846,818	188 416,220	15,904	15,438	91	90	3 996	37,972	96,201	2,533	2,067
42	41	96 340	11 232,530	176 569,403	15,719	15,253	92	91	2 703	24,400	58,229	2,386	1,920
43	42	96 115	10 647,375	165 336,873	15,528	15,062	93	92	1 742	14,939	33,829	2,264	1,798
44	43	95 859	10 089,243	154 689,498	15,332	14,865	94	93	1 081	8,808	18,890	2,145	1,678
45	44	95 570	9 557,113	144 600,254	15,130	14,663	95	94	640	4,952	10,083	2,036	1,569
46	45	95 251	9 050,103	135 043,142	14,922	14,455	96	95	360	2,648	5,131	1,938	1,471
47	46	94 895	8 566,517	125 993,039	14,708	14,241	97	96	192	1,343	2,483	1,848	1,381
48	47	94 488	8 104,277	117 426,522	14,489	14,023	98	97	97	0,645	1,139	1,767	1,300
49	48	94 031	7 662,780	109 322,244	14,267	13,800	99	98	46	0,292	0,494	1,693	1,227
							100	99	21	0,124	0,202	1,627	1,160

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß   5,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	48	93 694	7 254,459	102 391,268	14,114	13,647
1							51	49	93 154	6 852,881	95 136,810	13,883	13,416
2	0	99 581	89 893,985	1 734 337,014	19,293	18,826	52	50	92 522	6 466,913	88 283,928	13,652	13,185
3	1	99 248	85 124,621	1 644 443,029	19,318	18,851	53	51	91 856	6 100,109	81 817,015	13,412	12,946
4	2	99 208	80 845,907	1 559 318,408	19,288	18,821	54	52	91 126	5 749,733	75 716,907	13,169	12,702
5	3	99 180	76 791,574	1 478 472,502	19,253	18,786	55	53	90 313	5 414,193	69 967,174	12,923	12,456
6	4	99 158	72 945,081	1 401 680,928	19,216	18,749	56	54	89 432	5 093,959	64 552,981	12,672	12,206
7	5	99 136	69 290,909	1 328 735,847	19,176	18,709	57	55	88 497	4 789,255	59 459,021	12,415	11,948
8	6	99 118	65 822,515	1 259 444,938	19,134	18,667	58	56	87 474	4 497,760	54 669,766	12,155	11,688
9	7	99 101	62 528,551	1 193 622,424	19,089	18,622	59	57	86 378	4 219,846	50 172,006	11,890	11,423
10	8	99 085	59 399,785	1 131 093,873	19,042	18,575	60	58	85 211	3 955,223	45 952,160	11,618	11,151
11	9	99 068	56 427,651	1 071 694,087	18,992	18,526	61	59	83 954	3 702,471	41 996,937	11,343	10,876
12	10	99 053	53 604,671	1 015 266,436	18,940	18,473	62	60	82 624	3 462,085	38 294,466	11,061	10,594
13	11	99 035	50 921,522	961 661,765	18,885	18,418	63	61	81 194	3 232,441	34 832,382	10,776	10,309
14	12	99 016	48 372,260	910 740,243	18,828	18,361	64	62	79 707	3 014,947	31 599,940	10,481	10,014
15	13	98 993	45 948,794	862 367,983	18,768	18,301	65	63	78 087	2 806,365	28 584,994	10,186	9,719
16	14	98 967	43 645,130	816 419,189	18,706	18,239	66	64	76 393	2 608,532	25 778,629	9,882	9,416
17	15	98 930	41 452,794	772 774,059	18,642	18,175	67	65	74 577	2 419,506	23 170,097	9,576	9,110
18	16	98 884	39 366,782	731 321,265	18,577	18,110	68	66	72 672	2 240,082	20 750,591	9,263	8,797
19	17	98 822	37 379,357	691 954,483	18,512	18,045	69	67	70 671	2 069,732	18 510,509	8,943	8,477
20	18	98 757	35 491,777	654 575,126	18,443	17,976	70	68	68 559	1 907,725	16 440,777	8,618	8,151
21	19	98 682	33 695,567	619 083,349	18,373	17,906	71	69	66 347	1 754,096	14 533,052	8,285	7,818
22	20	98 608	31 990,880	585 387,783	18,299	17,832	72	70	64 006	1 607,794	12 778,956	7,948	7,481
23	21	98 534	30 372,241	553 396,902	18,220	17,754	73	71	61 548	1 468,938	11 171,162	7,605	7,138
24	22	98 462	28 836,113	523 024,662	18,138	17,671	74	72	58 942	1 336,569	9 702,224	7,259	6,792
25	23	98 385	27 376,259	494 188,549	18,052	17,585	75	73	56 122	1 209,129	8 365,655	6,919	6,452
26	24	98 308	25 990,465	466 812,290	17,961	17,494	76	74	53 142	1 087,825	7 156,526	6,579	6,112
27	25	98 231	24 674,692	440 821,825	17,865	17,399	77	75	49 983	972,117	6 068,701	6,243	5,776
28	26	98 147	23 423,895	416 147,133	17,766	17,299	78	76	46 624	861,558	5 096,584	5,916	5,449
29	27	98 065	22 236,844	392 723,238	17,661	17,194	79	77	43 080	756,355	4 235,026	5,599	5,132
30	28	97 974	21 108,077	370 486,394	17,552	17,085	80	78	39 420	657,582	3 478,671	5,290	4,823
31	29	97 887	20 037,279	349 378,317	17,436	16,970	81	79	35 674	565,405	2 821,089	4,990	4,523
32	30	97 789	19 018,748	329 341,038	17,317	16,850	82	80	31 874	479,983	2 255,684	4,700	4,233
33	31	97 689	18 051,676	310 322,289	17,191	16,724	83	81	28 089	401,891	1 775,701	4,418	3,952
34	32	97 585	17 132,968	292 270,614	17,059	16,592	84	82	24 401	331,704	1 373,811	4,142	3,675
35	33	97 473	16 259,677	275 137,646	16,921	16,455	85	83	20 792	268,539	1 042,107	3,881	3,414
36	34	97 356	15 430,003	258 877,970	16,778	16,311	86	84	17 371	213,164	773,568	3,629	3,162
37	35	97 229	14 641,200	243 447,966	16,628	16,161	87	85	14 166	165,168	560,403	3,393	2,926
38	36	97 098	13 892,152	228 806,766	16,470	16,003	88	86	11 236	124,475	395,236	3,175	2,708
39	37	96 945	13 178,420	214 914,614	16,308	15,841	89	87	8 668	91,235	270,761	2,968	2,501
40	38	96 782	12 500,015	201 736,194	16,139	15,672	90	88	6 437	64,368	179,526	2,789	2,322
41	39	96 604	11 854,660	189 236,179	15,963	15,496	91	89	4 655	44,231	115,159	2,604	2,137
42	40	96 408	11 240,469	177 381,519	15,781	15,314	92	90	3 198	28,869	70,927	2,457	1,990
43	41	96 193	10 655,916	166 141,050	15,591	15,125	93	91	2 118	18,167	42,059	2,315	1,848
44	42	95 944	10 098,231	155 485,134	15,397	14,930	94	92	1 333	10,863	23,892	2,199	1,733
45	43	95 668	9 566,909	145 386,903	15,197	14,730	95	93	807	6,247	13,029	2,086	1,619
46	44	95 358	9 060,279	135 819,995	14,991	14,524	96	94	465	3,421	6,782	1,983	1,516
47	45	95 016	8 577,404	126 759,715	14,778	14,312	97	95	255	1,779	3,361	1,889	1,422
48	46	94 621	8 115,713	118 182,311	14,562	14,095	98	96	132	0,877	1,582	1,804	1,337
49	47	94 185	7 675,330	110 066,598	14,340	13,874	99	97	65	0,408	0,705	1,727	1,260
							100	98	30	0,179	0,297	1,657	1,191

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß   5,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	47	93 847	7 266,340	103 066,140	14,184	13,717
1							51	48	93 319	6 865,022	95 799,800	13,955	13,488
2							52	49	92 713	6 480,247	88 934,778	13,724	13,257
3	0	99 562	85 393,841	1 645 692,793	19,272	18,805	53	50	92 059	6 113,577	82 454,531	13,487	13,020
4	1	99 234	80 867,253	1 560 298,952	19,295	18,828	54	51	91 349	5 763,836	76 340,954	13,245	12,778
5	2	99 195	76 803,013	1 479 431,699	19,263	18,796	55	52	90 561	5 429,098	70 577,118	13,000	12,533
6	3	99 169	72 953,232	1 402 628,687	19,226	18,760	56	53	89 702	5 109,321	65 148,020	12,751	12,284
7	4	99 148	69 299,168	1 329 675,454	19,187	18,721	57	54	88 780	4 804,588	60 038,700	12,496	12,029
8	5	99 128	65 829,168	1 260 376,286	19,146	18,679	58	55	87 785	4 513,753	55 234,112	12,237	11,770
9	6	99 109	62 533,997	1 194 547,118	19,102	18,636	59	56	86 705	4 235,825	50 720,359	11,974	11,507
10	7	99 093	59 404,884	1 132 013,121	19,056	18,589	60	57	85 553	3 971,094	46 484,535	11,706	11,239
11	8	99 076	56 431,807	1 072 608,237	19,007	18,540	61	58	84 326	3 718,880	42 513,441	11,432	10,965
12	9	99 060	53 608,369	1 016 176,430	18,956	18,489	62	59	83 016	3 478,510	38 794,561	11,153	10,686
13	10	99 042	50 925,136	962 568,061	18,902	18,435	63	60	81 634	3 249,957	35 316,051	10,867	10,400
14	11	99 024	48 376,128	911 642,925	18,845	18,378	64	61	80 167	3 032,373	32 066,094	10,575	10,108
15	12	99 001	45 952,494	863 266,797	18,786	18,319	65	62	78 583	2 824,179	29 033,722	10,280	9,814
16	13	98 976	43 649,040	817 314,303	18,725	18,258	66	63	76 911	2 626,227	26 209,543	9,980	9,513
17	14	98 941	41 457,288	773 665,263	18,662	18,195	67	64	75 130	2 437,419	23 583,316	9,676	9,209
18	15	98 897	39 371,735	732 207,976	18,597	18,131	68	65	73 244	2 257,715	21 145,897	9,366	8,899
19	16	98 837	37 385,110	692 836,241	18,532	18,066	69	66	71 280	2 087,590	18 888,182	9,048	8,581
20	17	98 773	35 497,473	655 451,132	18,465	17,998	70	67	69 191	1 925,308	16 800,592	8,726	8,259
21	18	98 704	33 703,265	619 953,659	18,394	17,928	71	68	66 998	1 771,297	14 875,284	8,398	7,931
22	19	98 628	31 997,489	586 250,394	18,322	17,855	72	69	64 693	1 625,055	13 103,988	8,064	7,597
23	20	98 556	30 378,984	554 252,905	18,245	17,778	73	70	62 271	1 486,184	11 478,933	7,724	7,257
24	21	98 482	28 842,150	523 873,920	18,163	17,697	74	71	59 711	1 354,005	9 992,749	7,380	6,913
25	22	98 407	27 382,402	495 031,771	18,078	17,612	75	72	56 946	1 226,891	8 638,744	7,041	6,574
26	23	98 330	25 996,407	467 649,369	17,989	17,522	76	73	54 021	1 105,807	7 411,853	6,703	6,236
27	24	98 251	24 679,680	441 652,962	17,895	17,429	77	74	50 930	990,549	6 306,046	6,366	5,899
28	25	98 169	23 429,049	416 973,281	17,797	17,330	78	75	47 646	880,451	5 315,497	6,037	5,570
29	26	98 088	22 242,108	393 544,233	17,694	17,227	79	76	44 161	775,345	4 435,046	5,720	5,253
30	27	98 001	21 113,750	371 302,125	17,586	17,119	80	77	40 544	676,333	3 659,701	5,411	4,944
31	28	97 912	20 042,347	350 188,375	17,472	17,006	81	78	36 856	584,137	2 983,369	5,107	4,641
32	29	97 817	19 024,207	330 146,028	17,354	16,887	82	79	33 075	498,065	2 399,231	4,817	4,350
33	30	97 717	18 056,786	311 121,821	17,230	16,763	83	80	29 314	419,407	1 901,166	4,533	4,066
34	31	97 615	17 138,144	293 065,035	17,100	16,633	84	81	25 620	348,278	1 481,758	4,255	3,788
35	32	97 508	16 265,442	275 926,891	16,964	16,497	85	82	22 005	284,212	1 133,480	3,988	3,521
36	33	97 391	15 435,647	259 661,449	16,822	16,355	86	83	18 533	227,427	849,268	3,734	3,267
37	34	97 270	14 647,422	244 225,802	16,674	16,207	87	84	15 270	178,043	621,842	3,493	3,026
38	35	97 136	13 897,679	229 578,379	16,519	16,052	88	85	12 250	135,705	443,799	3,270	2,804
39	36	96 991	13 184,686	215 680,700	16,358	15,892	89	86	9 570	100,726	308,094	3,059	2,592
40	37	96 834	12 506,690	202 496,014	16,191	15,724	90	87	7 218	72,185	207,368	2,873	2,406
41	38	96 658	11 861,263	189 989,324	16,018	15,551	91	88	5 304	50,394	135,184	2,683	2,216
42	39	96 472	11 247,910	178 128,061	15,837	15,370	92	89	3 725	33,627	84,790	2,521	2,055
43	40	96 260	10 663,446	166 880,151	15,650	15,183	93	90	2 506	21,494	51,163	2,380	1,913
44	41	96 021	10 106,332	156 216,705	15,457	14,991	94	91	1 621	13,210	29,668	2,246	1,779
45	42	95 753	9 575,431	146 110,373	15,259	14,792	95	92	995	7,704	16,458	2,136	1,669
46	43	95 456	9 069,566	136 534,942	15,054	14,587	96	93	587	4,315	8,753	2,029	1,562
47	44	95 122	8 587,048	127 465,376	14,844	14,377	97	94	329	2,299	4,438	1,931	1,464
48	45	94 741	8 126,027	118 878,327	14,629	14,163	98	95	175	1,161	2,140	1,842	1,375
49	46	94 318	7 686,161	110 752,300	14,409	13,943	99	96	88	0,555	0,978	1,762	1,295
							100	97	42	0,250	0,423	1,689	1,222

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß   5,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4	0	99 548	81 123,008	1 561 455,635	19,248	18,781
5	1	99 221	76 823,291	1 480 332,627	19,269	18,803
6	2	99 184	72 964,100	1 403 509,336	19,236	18,769
7	3	99 159	69 306,912	1 330 545,236	19,198	18,731
8	4	99 140	65 837,015	1 261 238,324	19,157	18,690
9	5	99 119	62 540,318	1 195 401,310	19,114	18,647
10	6	99 102	59 410,058	1 132 860,991	19,069	18,602
11	7	99 084	56 436,651	1 073 450,933	19,020	18,554
12	8	99 067	53 612,318	1 017 014,283	18,970	18,503
13	9	99 049	50 928,649	963 401,965	18,917	18,450
14	10	99 031	48 379,562	912 473,316	18,861	18,394
15	11	99 009	45 956,169	864 093,754	18,803	18,336
16	12	98 984	43 652,554	818 137,585	18,742	18,275
17	13	98 950	41 461,002	774 485,032	18,680	18,213
18	14	98 908	39 376,002	733 024,030	18,616	18,149
19	15	98 849	37 389,813	693 648,028	18,552	18,085
20	16	98 788	35 502,936	656 258,215	18,485	18,018
21	17	98 720	33 708,674	620 755,279	18,415	17,949
22	18	98 651	32 004,799	587 046,605	18,342	17,876
23	19	98 576	30 385,260	555 041,805	18,267	17,800
24	20	98 504	28 848,554	524 656,545	18,187	17,720
25	21	98 427	27 388,134	495 807,992	18,103	17,636
26	22	98 353	26 002,240	468 419,858	18,015	17,548
27	23	98 273	24 685,323	442 417,618	17,922	17,455
28	24	98 189	23 433,785	417 732,295	17,826	17,359
29	25	98 110	22 247,002	394 298,509	17,724	17,257
30	26	98 024	21 118,748	372 051,507	17,617	17,150
31	27	97 938	20 047,733	350 932,759	17,505	17,038
32	28	97 842	19 029,019	330 885,026	17,388	16,922
33	29	97 745	18 061,969	311 856,008	17,266	16,799
34	30	97 642	17 142,996	293 794,039	17,138	16,671
35	31	97 537	16 270,356	276 651,043	17,003	16,537
36	32	97 426	15 441,121	260 380,687	16,863	16,396
37	33	97 306	14 652,780	244 939,566	16,716	16,249
38	34	97 178	13 903,585	230 286,787	16,563	16,096
39	35	97 030	13 189,932	216 383,201	16,405	15,938
40	36	96 880	12 512,636	203 193,269	16,239	15,772
41	37	96 709	11 867,597	190 680,633	16,067	15,601
42	38	96 525	11 254,175	178 813,036	15,889	15,422
43	39	96 324	10 670,506	167 558,861	15,703	15,236
44	40	96 089	10 113,474	156 888,356	15,513	15,046
45	41	95 830	9 583,112	146 774,882	15,316	14,849
46	42	95 541	9 077,646	137 191,769	15,113	14,646
47	43	95 220	8 595,850	128 114,124	14,904	14,437
48	44	94 848	8 135,164	119 518,274	14,692	14,225
49	45	94 437	7 695,929	111 383,109	14,473	14,006
50	46	93 980	7 276,593	103 687,181	14,249	13,783
51	47	93 472	6 876,265	96 410,587	14,021	13,554
52	48	92 877	6 491,727	89 534,322	13,792	13,325
53	49	92 249	6 126,182	83 042,595	13,555	13,089
54	50	91 551	5 776,562	76 916,413	13,315	12,848
55	51	90 784	5 442,415	71 139,851	13,071	12,605
56	52	89 949	5 123,386	65 697,437	12,823	12,356
57	53	89 048	4 819,076	60 574,050	12,570	12,103
58	54	88 066	4 528,203	55 754,974	12,313	11,846
59	55	87 013	4 250,886	51 226,771	12,051	11,584
60	56	85 877	3 986,130	46 975,884	11,785	11,318
61	57	84 664	3 733,802	42 989,754	11,514	11,047
62	58	83 384	3 493,927	39 255,952	11,235	10,769
63	59	82 021	3 265,376	35 762,026	10,952	10,485
64	60	80 602	3 048,804	32 496,650	10,659	10,192
65	61	79 037	2 840,502	29 447,846	10,367	9,900
66	62	77 400	2 642,897	26 607,344	10,067	9,601
67	63	75 639	2 453,954	23 964,446	9,766	9,299
68	64	73 786	2 274,430	21 510,492	9,458	8,991
69	65	71 842	2 104,022	19 236,062	9,143	8,676
70	66	69 788	1 941,919	17 132,040	8,822	8,355
71	67	67 615	1 787,622	15 190,121	8,497	8,031
72	68	65 328	1 640,990	13 402,499	8,167	7,701
73	69	62 940	1 502,139	11 761,510	7,830	7,363
74	70	60 412	1 369,042	10 259,370	7,489	7,022
75	71	57 689	1 242,896	8 889,468	7,152	6,685
76	72	54 814	1 122,052	7 646,571	6,815	6,348
77	73	51 772	1 006,922	6 524,520	6,480	6,013
78	74	48 550	897,145	5 517,597	6,150	5,683
79	75	45 130	792,347	4 620,453	5,831	5,365
80	76	41 562	693,314	3 828,106	5,521	5,055
81	77	37 907	600,794	3 134,792	5,218	4,751
82	78	34 171	514,566	2 533,998	4,925	4,458
83	79	30 418	435,208	2 019,432	4,640	4,173
84	80	26 737	363,458	1 584,224	4,359	3,892
85	81	23 105	298,414	1 220,765	4,091	3,624
86	82	19 614	240,700	922,352	3,832	3,365
87	83	16 292	189,955	681,652	3,588	3,122
88	84	13 205	146,283	491,697	3,361	2,894
89	85	10 433	109,813	345,413	3,145	2,679
90	86	7 969	79,694	235,600	2,956	2,490
91	87	5 948	56,513	155,906	2,759	2,292
92	88	4 244	38,313	99,393	2,594	2,127
93	89	2 919	25,038	61,080	2,440	1,973
94	90	1 918	15,630	36,043	2,306	1,839
95	91	1 210	9,369	20,413	2,179	1,712
96	92	723	5,322	11,044	2,075	1,608
97	93	415	2,900	5,722	1,973	1,507
98	94	226	1,500	2,822	1,881	1,414
99	95	117	0,736	1,322	1,797	1,330
100	96	57	0,341	0,586	1,721	1,254

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß   5,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	45	94 099	7 285 841	104 257 985	14,310	13,843
1							51	46	93 604	6 885 968	96 972 144	14,083	13,616
2							52	47	93 029	6 502 359	90 086 176	13,854	13,388
3							53	48	92 412	6 137 035	83 583 817	13,620	13,153
4							54	49	91 740	5 788 473	77 446 782	13,379	12,913
5	0	99 535	77 066 257	1 481 402 817	19,222	18,756	55	50	90 984	5 454 431	71 658 309	13,138	12,671
6	1	99 210	72 983 365	1 404 336 560	19,242	18,775	56	51	90 169	5 135 953	66 203 879	12,890	12,423
7	2	99 174	69 317 236	1 331 353 195	19,207	18,740	57	52	89 293	4 832 343	61 067 926	12,637	12,171
8	3	99 151	65 844 372	1 262 035 959	19,167	18,700	58	53	88 332	4 541 859	56 235 583	12,382	11,915
9	4	99 131	62 547 773	1 196 191 588	19,124	18,658	59	54	87 291	4 264 495	51 693 724	12,122	11,655
10	5	99 112	59 416 063	1 133 643 815	19,080	18,613	60	55	86 183	4 000 304	47 429 229	11,856	11,390
11	6	99 093	56 441 566	1 074 227 752	19,033	18,566	61	56	84 985	3 747 940	43 428 925	11,587	11,121
12	7	99 076	53 616 919	1 017 786 185	18,983	18,516	62	57	83 719	3 507 946	39 680 985	11,312	10,845
13	8	99 056	50 932 400	964 169 266	18,930	18,464	63	58	82 385	3 279 848	36 173 039	11,029	10,562
14	9	99 038	48 382 899	913 236 866	18,875	18,408	64	59	80 984	3 063 269	32 893 191	10,738	10,271
15	10	99 016	45 959 430	864 853 966	18,818	18,351	65	60	79 466	2 855 894	29 829 922	10,445	9,978
16	11	98 992	43 656 045	818 894 536	18,758	18,291	66	61	77 847	2 658 173	26 974 029	10,148	9,681
17	12	98 958	41 464 339	775 238 491	18,697	18,230	67	62	76 119	2 469 531	24 315 856	9,846	9,380
18	13	98 916	39 379 530	733 774 152	18,633	18,167	68	63	74 287	2 289 859	21 846 325	9,540	9,074
19	14	98 860	37 393 866	694 394 622	18,570	18,103	69	64	72 373	2 119 600	19 556 466	9,226	8,760
20	15	98 801	35 507 402	657 000 756	18,503	18,036	70	65	70 337	1 957 205	17 436 866	8,909	8,442
21	16	98 735	33 713 862	621 493 354	18,434	17,968	71	66	68 199	1 803 045	15 479 661	8,585	8,118
22	17	98 667	32 009 936	587 779 492	18,362	17,896	72	67	65 930	1 656 114	13 676 616	8,258	7,791
23	18	98 599	30 392 202	555 769 556	18,287	17,820	73	68	63 557	1 516 869	12 020 502	7,925	7,458
24	19	98 525	28 854 513	525 377 354	18,208	17,741	74	69	61 061	1 384 609	10 503 633	7,586	7,119
25	20	98 449	27 394 215	496 522 840	18,125	17,658	75	70	58 366	1 257 489	9 119 024	7,252	6,785
26	21	98 373	26 007 683	469 128 626	18,038	17,571	76	71	55 529	1 136 689	7 861 535	6,916	6,449
27	22	98 295	24 690 862	443 120 942	17,947	17,480	77	72	52 533	1 021 714	6 724 846	6,582	6,115
28	23	98 211	23 439 143	418 430 080	17,852	17,385	78	73	49 352	911 974	5 703 131	6,254	5,787
29	24	98 130	22 251 500	394 990 937	17,751	17,284	79	74	45 985	807 370	4 791 157	5,934	5,467
30	25	98 045	21 123 394	372 739 437	17,646	17,179	80	75	42 474	708 517	3 983 787	5,623	5,156
31	26	97 961	20 052 479	351 616 043	17,535	17,068	81	76	38 858	615 878	3 275 270	5,318	4,851
32	27	97 868	19 034 132	331 563 564	17,419	16,953	82	77	35 145	529 239	2 659 391	5,025	4,558
33	28	97 770	18 066 537	312 529 432	17,299	16,832	83	78	31 426	449 627	2 130 152	4,738	4,271
34	29	97 670	17 147 916	294 462 895	17,172	16,705	84	79	27 744	377 151	1 680 526	4,456	3,989
35	30	97 565	16 274 963	277 314 979	17,039	16,573	85	80	24 112	311 420	1 303 374	4,185	3,718
36	31	97 455	15 445 786	261 040 016	16,900	16,434	86	81	20 595	252 727	991 954	3,925	3,458
37	32	97 340	14 657 976	245 594 231	16,755	16,288	87	82	17 243	201 042	739 227	3,677	3,210
38	33	97 213	13 908 671	230 936 255	16,604	16,137	88	83	14 089	156 071	538 185	3,448	2,982
39	34	97 071	13 195 537	217 027 584	16,447	15,980	89	84	11 247	118 374	382 115	3,228	2,761
40	35	96 918	12 517 615	203 832 047	16,284	15,817	90	85	8 688	86,884	263 741	3,036	2,569
41	36	96 755	11 873 239	191 314 432	16,113	15,646	91	86	6 567	62,392	176 857	2,835	2,368
42	37	96 577	11 260 184	179 441 192	15,936	15,469	92	87	4 759	42,965	114 465	2,664	2,197
43	38	96 378	10 676 449	168 181 008	15,753	15,286	93	88	3 326	28,526	71,500	2,506	2,040
44	39	96 152	10 120 169	157 504 559	15,563	15,097	94	89	2 234	18,206	42,974	2,360	1,894
45	40	95 898	9 589 885	147 384 390	15,369	14,902	95	90	1 432	11,085	24,768	2,234	1,768
46	41	95 618	9 084 927	137 794 505	15,167	14,701	96	91	880	6,472	13,682	2,114	1,647
47	42	95 305	8 603 508	128 709 578	14,960	14,493	97	92	512	3,576	7,210	2,016	1,549
48	43	94 945	8 143 503	120 106 070	14,749	14,282	98	93	285	1,893	3,634	1,920	1,453
49	44	94 544	7 704 582	111 962 567	14,532	14,065	99	94	151	0,950	1,741	1,833	1,366
							100	95	75	0,451	0,791	1,754	1,287

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß   5,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$
0							50	44	94 205	7 294,033	104 781,916	14,365	13,899
1							51	45	93 723	6 894,719	97 487,882	14,140	13,673
2							52	46	93 161	6 511,535	90 593,163	13,913	13,446
3							53	47	92 564	6 147,086	84 081,628	13,678	13,211
4							54	48	91 902	5 798,727	77 934,542	13,440	12,973
5							55	49	91 172	5 465,677	72 135,815	13,198	12,731
6	0	99 524	73 214,186	1 405 326,515	19,195	18,728	56	50	90 368	5 147,292	66 670,138	12,952	12,486
7	1	99 200	69 335,538	1 332 112,329	19,213	18,746	57	51	89 512	4 844,196	61 522,845	12,700	12,234
8	2	99 165	65 854,180	1 262 776,791	19,175	18,709	58	52	88 575	4 554,362	56 678,650	12,445	11,978
9	3	99 142	62 554,762	1 196 922,611	19,134	18,667	59	53	87 555	4 277,355	52 124,288	12,186	11,719
10	4	99 124	59 423,145	1 134 367,848	19,090	18,623	60	54	86 458	4 013,111	47 846,933	11,923	11,456
11	5	99 103	56 447,272	1 074 944,703	19,043	18,577	61	55	85 287	3 761,267	43 833,822	11,654	11,187
12	6	99 084	53 621,589	1 018 497,431	18,994	18,527	62	56	84 036	3 521,229	40 072,555	11,380	10,913
13	7	99 065	50 936,772	964 875,842	18,943	18,476	63	57	82 715	3 293,008	36 551,326	11,100	10,633
14	8	99 045	48 386,463	913 939,070	18,888	18,422	64	58	81 343	3 076,845	33 258,318	10,809	10,342
15	9	99 023	45 962,601	865 552,607	18,832	18,365	65	59	79 843	2 869,443	30 181,473	10,518	10,051
16	10	98 999	43 659,143	819 590,006	18,772	18,306	66	60	78 269	2 672,577	27 312,030	10,219	9,753
17	11	98 966	41 467,656	775 930,863	18,712	18,245	67	61	76 559	2 483,804	24 639,453	9,920	9,453
18	12	98 924	39 382,700	734 463,208	18,649	18,183	68	62	74 758	2 304,395	22 155,649	9,615	9,148
19	13	98 869	37 397,216	695 080,507	18,586	18,120	69	63	72 864	2 133,978	19 851,254	9,302	8,836
20	14	98 812	35 511,251	657 683,292	18,520	18,054	70	64	70 858	1 971,696	17 717,276	8,986	8,519
21	15	98 748	33 718,103	622 172,040	18,452	17,985	71	65	68 736	1 817,238	15 745,581	8,665	8,198
22	16	98 682	32 014,862	588 453,937	18,381	17,914	72	66	66 499	1 670,403	13 928,343	8,338	7,872
23	17	98 614	30 397,080	556 439,075	18,306	17,839	73	67	64 143	1 530,849	12 257,940	8,007	7,540
24	18	98 547	28 861,105	526 041,995	18,227	17,760	74	68	61 660	1 398,186	10 727,091	7,672	7,205
25	19	98 469	27 399,874	497 180,889	18,145	17,679	75	69	58 993	1 270,989	9 328,904	7,340	6,873
26	20	98 395	26 013,458	469 781,015	18,059	17,592	76	70	56 181	1 150,035	8 057,915	7,007	6,540
27	21	98 316	24 696,030	443 767,557	17,969	17,502	77	71	53 218	1 035,043	6 907,881	6,674	6,207
28	22	98 233	23 444,402	419 071,527	17,875	17,408	78	72	50 077	925,372	5 872,838	6,346	5,880
29	23	98 152	22 256,587	395 627,124	17,776	17,309	79	73	46 745	820,716	4 947,466	6,028	5,561
30	24	98 065	21 127,665	373 370,537	17,672	17,205	80	74	43 279	721,951	4 126,750	5,716	5,249
31	25	97 983	20 056,891	352 242,872	17,562	17,095	81	75	39 711	629,383	3 404,799	5,410	4,943
32	26	97 891	19 038,638	332 185,981	17,448	16,981	82	76	36 027	542,527	2 775,415	5,116	4,649
33	27	97 796	18 071,392	313 147,343	17,328	16,862	83	77	32 322	462,448	2 232,889	4,828	4,362
34	28	97 695	17 152,253	295 075,951	17,203	16,737	84	78	28 663	389,646	1 770,441	4,544	4,077
35	29	97 593	16 279,634	277 923,698	17,072	16,605	85	79	25 020	323,153	1 380,795	4,273	3,806
36	30	97 483	15 450,159	261 644,064	16,935	16,468	86	80	21 492	263,743	1 057,642	4,010	3,543
37	31	97 370	14 662,404	246 193,906	16,791	16,324	87	81	18 104	211,087	793,899	3,761	3,294
38	32	97 248	13 913,603	231 531,501	16,641	16,174	88	82	14 911	165,179	582,812	3,528	3,062
39	33	97 106	13 200,364	217 617,899	16,486	16,019	89	83	11 999	126,294	417,632	3,307	2,840
40	34	96 959	12 522,935	204 417,535	16,323	15,857	90	84	9 365	93,656	291,339	3,111	2,644
41	35	96 794	11 877,964	191 894,600	16,156	15,689	91	85	7 159	68,021	197,682	2,906	2,439
42	36	96 623	11 265,538	180 016,637	15,979	15,513	92	86	5 254	47,435	129,661	2,733	2,267
43	37	96 429	10 682,150	168 751,099	15,797	15,331	93	87	3 730	31,990	82,226	2,570	2,104
44	38	96 206	10 125,806	158 068,948	15,611	15,144	94	88	2 545	20,743	50,236	2,422	1,955
45	39	95 961	9 596,233	147 943,142	15,417	14,950	95	89	1 668	12,912	29,493	2,284	1,817
46	40	95 685	9 091,348	138 346,909	15,217	14,751	96	90	1 041	7,658	16,581	2,165	1,698
47	41	95 381	8 610,409	129 255,561	15,012	14,545	97	91	622	4,349	8,923	2,052	1,585
48	42	95 030	8 150,757	120 645,152	14,802	14,335	98	92	352	2,334	4,574	1,960	1,493
49	43	94 641	7 712,479	112 494,395	14,586	14,119	99	93	190	1,199	2,240	1,869	1,402
							100	94	97	0,583	1,041	1,787	1,320

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß   5,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7	0	99 513	69 554,823	1 333 027,957	19,165	18,698
8	1	99 192	65 871,568	1 263 473,134	19,181	18,714
9	2	99 157	62 564,080	1 197 601,566	19,142	18,675
10	3	99 135	59 429,786	1 135 037,486	19,099	18,632
11	4	99 115	56 454,000	1 075 607,700	19,053	18,586
12	5	99 094	53 627,010	1 019 153,700	19,004	18,538
13	6	99 073	50 941,209	965 526,691	18,954	18,487
14	7	99 054	48 390,616	914 585,482	18,900	18,433
15	8	99 030	45 965,986	866 194,866	18,844	18,377
16	9	99 005	43 662,155	820 228,880	18,786	18,319
17	10	98 973	41 470,599	776 566,725	18,726	18,259
18	11	98 932	39 385,850	735 096,126	18,664	18,197
19	12	98 877	37 400,227	695 710,276	18,602	18,135
20	13	98 820	35 514,433	658 310,050	18,536	18,070
21	14	98 758	33 721,758	622 795,617	18,469	18,002
22	15	98 694	32 018,890	589 073,859	18,398	17,931
23	16	98 630	30 401,758	557 054,969	18,323	17,856
24	17	98 563	28 865,738	526 653,211	18,245	17,778
25	18	98 492	27 406,134	497 787,473	18,163	17,697
26	19	98 415	26 018,832	470 381,339	18,078	17,612
27	20	98 338	24 701,514	444 362,507	17,989	17,522
28	21	98 254	23 449,310	419 660,993	17,897	17,430
29	22	98 174	22 261,581	396 211,683	17,798	17,331
30	23	98 088	21 132,496	373 950,102	17,696	17,229
31	24	98 002	20 060,946	352 817,606	17,587	17,120
32	25	97 913	19 042,827	332 756,660	17,474	17,007
33	26	97 819	18 075,670	313 713,833	17,356	16,889
34	27	97 721	17 156,862	295 638,163	17,231	16,765
35	28	97 618	16 283,751	278 481,301	17,102	16,635
36	29	97 511	15 454,593	262 197,550	16,966	16,499
37	30	97 397	14 666,555	246 742,957	16,824	16,357
38	31	97 277	13 917,606	232 076,402	16,675	16,208
39	32	97 141	13 205,044	218 158,596	16,521	16,054
40	33	96 995	12 527,515	204 953,551	16,360	15,893
41	34	96 835	11 883,011	192 426,036	16,193	15,727
42	35	96 661	11 270,021	180 543,025	16,020	15,553
43	36	96 475	10 687,229	169 273,004	15,839	15,372
44	37	96 257	10 131,213	158 585,775	15,653	15,186
45	38	96 015	9 601,579	148 454,562	15,461	14,995
46	39	95 749	9 097,366	138 852,983	15,263	14,796
47	40	95 449	8 616,494	129 755,617	15,059	14,592
48	41	95 106	8 157,295	121 139,123	14,850	14,384
49	42	94 725	7 719,350	112 981,827	14,636	14,169
50	43	94 301	7 301,510	105 262,477	14,417	13,950
51	44	93 828	6 902,472	97 960,968	14,192	13,725
52	45	93 279	6 519,810	91 058,496	13,966	13,500
53	46	92 694	6 155,761	84 538,686	13,733	13,266
54	47	92 053	5 808,224	78 382,926	13,495	13,028
55	48	91 333	5 475,360	72 574,701	13,255	12,788
56	49	90 555	5 157,906	67 099,342	13,009	12,542
57	50	89 710	4 854,891	61 941,436	12,759	12,292
58	51	88 792	4 565,533	57 086,545	12,504	12,037
59	52	87 796	4 289,130	52 521,012	12,245	11,778
60	53	86 719	4 025,213	48 231,882	11,982	11,516
61	54	85 560	3 773,308	44 206,669	11,716	11,249
62	55	84 335	3 533,750	40 433,361	11,442	10,975
63	56	83 028	3 305,477	36 899,611	11,163	10,696
64	57	81 669	3 089,191	33 594,134	10,875	10,408
65	58	80 196	2 882,160	30 504,943	10,584	10,117
66	59	78 640	2 685,257	27 622,783	10,287	9,820
67	60	76 974	2 497,263	24 937,526	9,986	9,519
68	61	75 190	2 317,714	22 440,263	9,682	9,215
69	62	73 327	2 147,524	20 122,550	9,370	8,903
70	63	71 338	1 985,071	17 975,026	9,055	8,588
71	64	69 244	1 830,692	15 989,955	8,734	8,268
72	65	67 022	1 683,551	14 159,263	8,410	7,944
73	66	64 696	1 544,058	12 475,711	8,080	7,613
74	67	62 228	1 411,073	10 931,654	7,747	7,280
75	68	59 571	1 283,452	9 520,581	7,418	6,951
76	69	56 784	1 162,381	8 237,129	7,086	6,620
77	70	53 843	1 047,195	7 074,748	6,756	6,289
78	71	50 730	937,443	6 027,553	6,430	5,963
79	72	47 432	832,773	5 090,109	6,112	5,645
80	73	43 994	733,885	4 257,337	5,801	5,334
81	74	40 463	641,317	3 523,452	5,494	5,027
82	75	36 818	554,424	2 882,135	5,198	4,732
83	76	33 133	474,059	2 327,711	4,910	4,443
84	77	29 481	400,757	1 853,653	4,625	4,159
85	78	25 849	333,859	1 452,896	4,352	3,885
86	79	22 302	273,679	1 119,037	4,089	3,622
87	80	18 894	220,288	845,358	3,838	3,371
88	81	15 656	173,433	625,070	3,604	3,137
89	82	12 699	133,664	451,637	3,379	2,912
90	83	9 992	99,923	317,973	3,182	2,715
91	84	7 717	73,324	218,050	2,974	2,507
92	85	5 729	51,714	144,726	2,799	2,332
93	86	4 118	35,318	93,012	2,634	2,167
94	87	2 854	23,262	57,694	2,480	2,013
95	88	1 900	14,711	34,432	2,340	1,874
96	89	1 212	8,920	19,720	2,211	1,744
97	90	736	5,146	10,801	2,099	1,632
98	91	427	2,839	5,655	1,992	1,525
99	92	234	1,478	2,816	1,905	1,438
100	93	123	0,735	1,338	1,820	1,353

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß   5,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	42	94 385	7 308,014	105 702,694	14,464	13,997
1							51	43	93 924	6 909,547	98 394,680	14,240	13,774
2							52	44	93 384	6 527,141	91 485,133	14,016	13,549
3							53	45	92 812	6 163,584	84 957,992	13,784	13,317
4							54	46	92 183	5 816,420	78 794,409	13,547	13,080
5							55	47	91 483	5 484,327	72 977,988	13,307	12,840
6							56	48	90 715	5 167,043	67 493,661	13,062	12,596
7							57	49	89 895	4 864,901	62 326,618	12,811	12,345
8	0	99 505	66 079,897	1 264 319,999	19,133	18,666	58	50	88 988	4 575,613	57 461,716	12,558	12,091
9	1	99 183	62 580,600	1 198 240,102	19,147	18,680	59	51	88 011	4 299,651	52 886,104	12,300	11,833
10	2	99 149	59 438,639	1 135 659,502	19,106	18,640	60	52	86 958	4 036,294	48 586,453	12,037	11,571
11	3	99 126	56 460,308	1 076 220,864	19,062	18,595	61	53	85 818	3 784,687	44 550,159	11,771	11,304
12	4	99 106	53 633,402	1 019 760,556	19,014	18,547	62	54	84 605	3 545,063	40 765,472	11,499	11,032
13	5	99 083	50 946,358	966 127,154	18,964	18,497	63	55	83 324	3 317,231	37 220,409	11,220	10,754
14	6	99 062	48 394,831	915 180,796	18,911	18,444	64	56	81 979	3 100,888	33 903,178	10,933	10,467
15	7	99 039	45 969,932	866 785,965	18,855	18,389	65	57	80 518	2 893,725	30 802,290	10,645	10,178
16	8	99 013	43 665,371	820 816,034	18,798	18,331	66	58	78 989	2 697,157	27 908,565	10,347	9,881
17	9	98 980	41 473,460	777 150,663	18,739	18,272	67	59	77 339	2 509,111	25 211,408	10,048	9,581
18	10	98 939	39 388,645	735 677,203	18,677	18,211	68	60	75 598	2 330,272	22 702,297	9,742	9,276
19	11	98 885	37 403,218	696 288,558	18,616	18,149	69	61	73 751	2 159,936	20 372,024	9,432	8,965
20	12	98 828	35 517,292	658 885,340	18,551	18,084	70	62	71 791	1 997,671	18 212,088	9,117	8,650
21	13	98 767	33 724,779	623 368,049	18,484	18,017	71	63	69 714	1 843,111	16 214,417	8,797	8,331
22	14	98 705	32 022,361	589 643,269	18,413	17,947	72	64	67 518	1 696,016	14 371,306	8,474	8,007
23	15	98 642	30 405,583	557 620,909	18,339	17,873	73	65	65 205	1 556,211	12 675,290	8,145	7,678
24	16	98 578	28 870,180	527 215,326	18,262	17,795	74	66	62 765	1 423,248	11 119,078	7,812	7,346
25	17	98 508	27 410,532	498 345,146	18,181	17,714	75	67	60 120	1 295,281	9 695,831	7,486	7,019
26	18	98 438	26 024,776	470 934,613	18,096	17,629	76	68	57 341	1 173,779	8 400,550	7,157	6,690
27	19	98 358	24 706,617	444 909,837	18,008	17,541	77	69	54 421	1 058,438	7 226,771	6,828	6,361
28	20	98 276	23 454,517	420 203,220	17,916	17,449	78	70	51 326	948,450	6 168,333	6,504	6,037
29	21	98 195	22 266,241	396 748,703	17,818	17,352	79	71	48 051	843,636	5 219,884	6,187	5,721
30	22	98 110	21 137,237	374 482,462	17,717	17,250	80	72	44 641	744,666	4 376,247	5,877	5,410
31	23	98 025	20 065,533	353 345,225	17,610	17,143	81	73	41 132	651,918	3 631,581	5,571	5,104
32	24	97 932	19 046,677	333 279,692	17,498	17,031	82	74	37 516	564,936	2 979,664	5,274	4,808
33	25	97 841	18 079,647	314 233,015	17,380	16,914	83	75	33 860	484,454	2 414,728	4,984	4,518
34	26	97 744	17 160,924	296 153,368	17,257	16,791	84	76	30 221	410,819	1 930,274	4,699	4,232
35	27	97 644	16 288,127	278 992,444	17,129	16,662	85	77	26 586	343,379	1 519,455	4,425	3,958
36	28	97 536	15 458,502	262 704,317	16,994	16,527	86	78	23 041	282,746	1 176,076	4,159	3,693
37	29	97 425	14 670,764	247 245,815	16,853	16,386	87	79	19 605	228,587	893,330	3,908	3,441
38	30	97 305	13 921,747	232 575,051	16,706	16,239	88	80	16 338	180,992	664,743	3,673	3,206
39	31	97 170	13 209,034	218 653,304	16,553	16,087	89	81	13 334	140,343	483,751	3,447	2,980
40	32	97 029	12 531,957	205 444,270	16,394	15,927	90	82	10 575	105,755	343,407	3,247	2,780
41	33	96 871	11 887,358	192 912,313	16,228	15,762	91	83	8 233	78,230	237,653	3,038	2,571
42	34	96 702	11 274,810	181 024,955	16,056	15,589	92	84	6 175	55,746	159,423	2,860	2,393
43	35	96 514	10 691,481	169 750,145	15,877	15,410	93	85	4 489	38,504	103,678	2,693	2,226
44	36	96 303	10 136,030	159 058,664	15,692	15,226	94	86	3 151	25,682	65,173	2,538	2,071
45	37	96 066	9 606,706	148 922,634	15,502	15,035	95	87	2 131	16,498	39,491	2,394	1,927
46	38	95 802	9 102,434	139 315,928	15,305	14,839	96	88	1 381	10,163	22,993	2,263	1,796
47	39	95 512	8 622,198	130 213,495	15,102	14,635	97	89	858	5,994	12,831	2,141	1,674
48	40	95 173	8 163,060	121 591,296	14,895	14,429	98	90	506	3,359	6,837	2,036	1,569
49	41	94 801	7 725,542	113 428,236	14,682	14,215	99	91	285	1,798	3,478	1,935	1,468
							100	92	151	0,907	1,681	1,853	1,386

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß   5,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$
0							50	41	94 461	7 313,876	106 105,698	14,507	14,041
1							51	42	94 008	6 915,702	98 791,822	14,285	13,818
2							52	43	93 480	6 533,831	91 876,120	14,062	13,595
3							53	44	92 917	6 170,514	85 342,288	13,831	13,364
4							54	45	92 300	5 823,812	79 171,774	13,594	13,128
5							55	46	91 612	5 492,066	73 347,962	13,355	12,888
6							56	47	90 864	5 175,506	67 855,896	13,111	12,644
7							57	48	90 054	4 873,520	62 680,390	12,861	12,395
8							58	49	89 171	4 585,047	57 806,871	12,608	12,141
9	0	99 497	62 778,521	1 199 023,414	19,099	18,632	59	50	88 205	4 309,144	53 221,823	12,351	11,884
10	1	99 176	59 454,332	1 136 244,893	19,111	18,644	60	51	87 171	4 046,194	48 912,679	12,089	11,622
11	2	99 140	56 468,719	1 076 790,561	19,069	18,602	61	52	86 054	3 795,106	44 866,486	11,822	11,355
12	3	99 117	53 639,395	1 020 321,842	19,022	18,555	62	53	84 860	3 555,753	41 071,380	11,551	11,084
13	4	99 095	50 952,430	966 682,447	18,972	18,505	63	54	83 590	3 327,851	37 515,626	11,273	10,806
14	5	99 072	48 399,723	915 730,017	18,920	18,453	64	55	82 270	3 111,914	34 187,775	10,986	10,519
15	6	99 047	45 973,935	867 330,294	18,866	18,399	65	56	80 823	2 904,682	31 075,861	10,699	10,232
16	7	99 021	43 669,119	821 356,359	18,809	18,342	66	57	79 306	2 707,980	28 171,179	10,403	9,936
17	8	98 987	41 476,514	777 687,240	18,750	18,283	67	58	77 682	2 520,231	25 463,199	10,104	9,637
18	9	98 946	39 391,363	736 210,726	18,690	18,223	68	59	75 957	2 341,328	22 942,968	9,799	9,332
19	10	98 892	37 405,872	696 819,363	18,629	18,162	69	60	74 150	2 171,640	20 601,640	9,487	9,020
20	11	98 836	35 520,132	659 413,491	18,564	18,098	70	61	72 206	2 009,218	18 430,000	9,173	8,706
21	12	98 775	33 727,494	623 893,359	18,498	18,031	71	62	70 157	1 854,810	16 420,782	8,853	8,386
22	13	98 714	32 025,229	590 165,864	18,428	17,961	72	63	67 976	1 707,521	14 565,972	8,530	8,064
23	14	98 653	30 408,879	558 140,635	18,355	17,888	73	64	65 688	1 567,733	12 858,451	8,202	7,735
24	15	98 590	28 873,812	527 731,756	18,277	17,810	74	65	63 259	1 434,450	11 290,717	7,871	7,404
25	16	98 523	27 414,751	498 857,944	18,197	17,730	75	66	60 639	1 306,457	9 856,267	7,544	7,077
26	17	98 454	26 028,953	471 443,193	18,112	17,645	76	67	57 870	1 184,597	8 549,810	7,217	6,751
27	18	98 381	24 712,261	445 414,240	18,024	17,557	77	68	54 955	1 068,816	7 365,213	6,891	6,424
28	19	98 296	23 459,362	420 701,979	17,933	17,466	78	69	51 877	958,632	6 296,397	6,568	6,101
29	20	98 216	22 271,185	397 242,617	17,837	17,370	79	70	48 615	853,542	5 337,765	6,254	5,787
30	21	98 130	21 141,662	374 971,431	17,736	17,269	80	71	45 223	754,380	4 484,223	5,944	5,477
31	22	98 047	20 070,035	353 829,769	17,630	17,163	81	72	41 737	661,495	3 729,843	5,639	5,172
32	23	97 955	19 051,032	333 759,734	17,519	17,052	82	73	38 136	574,274	3 068,348	5,343	4,876
33	24	97 860	18 083,302	314 708,703	17,403	16,936	83	74	34 502	493,639	2 494,074	5,052	4,586
34	25	97 766	17 164,700	296 625,400	17,281	16,814	84	75	30 884	419,828	2 000,435	4,765	4,298
35	26	97 667	16 291,983	279 460,701	17,153	16,686	85	76	27 253	352,000	1 580,607	4,490	4,024
36	27	97 562	15 462,656	263 168,718	17,020	16,553	86	77	23 698	290,808	1 228,607	4,225	3,758
37	28	97 450	14 674,475	247 706,062	16,880	16,413	87	78	20 255	236,160	937,799	3,971	3,504
38	29	97 333	13 925,742	233 031,587	16,734	16,267	88	79	16 954	187,811	701,639	3,736	3,269
39	30	97 198	13 212,774	219 105,844	16,583	16,116	89	80	13 915	146,460	513,828	3,508	3,042
40	31	97 059	12 535,743	205 893,071	16,424	15,958	90	81	11 104	111,039	367,367	3,308	2,842
41	32	96 905	11 891,573	193 357,327	16,260	15,793	91	82	8 714	82,795	256,328	3,096	2,629
42	33	96 738	11 278,934	181 465,754	16,089	15,622	92	83	6 588	59,475	173,533	2,918	2,451
43	34	96 555	10 696,025	170 186,820	15,911	15,444	93	84	4 839	41,506	114,058	2,748	2,281
44	35	96 341	10 140,063	159 490,795	15,729	15,262	94	85	3 436	27,999	72,552	2,591	2,124
45	36	96 112	9 611,273	149 350,732	15,539	15,072	95	86	2 352	18,214	44,553	2,446	1,979
46	37	95 853	9 107,294	139 739,459	15,344	14,877	96	87	1 549	11,397	26,339	2,311	1,844
47	38	95 565	8 627,001	130 632,165	15,142	14,675	97	88	977	6,829	14,942	2,188	1,721
48	39	95 236	8 168,464	122 005,164	14,936	14,469	98	89	589	3,912	8,113	2,074	1,607
49	40	94 868	7 731,002	113 836,700	14,725	14,258	99	90	337	2,127	4,201	1,975	1,508
							100	91	184	1,103	2,074	1,880	1,413

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß   5,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10	0	99 489	59 642,366	1 136 969,516	19,063	18,596
11	1	99 167	56 483,628	1 077 327,150	19,073	18,606
12	2	99 132	53 647,385	1 020 843,522	19,029	18,562
13	3	99 106	50 958,124	967 196,137	18,980	18,513
14	4	99 084	48 405,492	916 238,012	18,928	18,462
15	5	99 057	45 978,583	867 832,521	18,875	18,408
16	6	99 030	43 672,922	821 853,938	18,818	18,352
17	7	98 995	41 480,074	778 181,016	18,760	18,294
18	8	98 953	39 394,264	736 700,941	18,701	18,234
19	9	98 899	37 408,453	697 306,678	18,640	18,174
20	10	98 843	35 522,653	659 898,225	18,577	18,110
21	11	98 783	33 730,192	624 375,571	18,511	18,044
22	12	98 722	32 027,808	590 645,380	18,442	17,975
23	13	98 661	30 411,603	558 617,572	18,369	17,902
24	14	98 601	28 876,942	528 205,969	18,292	17,825
25	15	98 535	27 418,200	499 329,027	18,212	17,745
26	16	98 469	26 032,959	471 910,828	18,127	17,661
27	17	98 396	24 716,228	445 877,869	18,040	17,573
28	18	98 318	23 464,722	421 161,641	17,949	17,482
29	19	98 237	22 275,786	397 696,919	17,853	17,387
30	20	98 152	21 146,356	375 421,133	17,753	17,287
31	21	98 067	20 074,236	354 274,777	17,648	17,181
32	22	97 977	19 055,306	334 200,540	17,538	17,072
33	23	97 883	18 087,437	315 145,234	17,423	16,957
34	24	97 786	17 168,170	297 057,797	17,303	16,836
35	25	97 688	16 295,568	279 889,627	17,176	16,709
36	26	97 585	15 466,316	263 594,060	17,043	16,576
37	27	97 476	14 678,419	248 127,743	16,904	16,437
38	28	97 357	13 929,265	233 449,325	16,760	16,293
39	29	97 226	13 216,566	219 520,060	16,609	16,143
40	30	97 086	12 539,293	206 303,495	16,453	15,986
41	31	96 934	11 895,166	193 764,202	16,289	15,823
42	32	96 772	11 282,933	181 869,036	16,119	15,652
43	33	96 590	10 699,937	170 586,103	15,943	15,476
44	34	96 382	10 144,372	159 886,166	15,761	15,294
45	35	96 150	9 615,097	149 741,794	15,574	15,107
46	36	95 899	9 111,624	140 126,696	15,379	14,912
47	37	95 616	8 631,608	131 015,072	15,179	14,712
48	38	95 289	8 173,014	122 383,465	14,974	14,507
49	39	94 931	7 736,120	114 210,450	14,763	14,296

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
50	40	94 528	7 319,045	106 474,331	14,548	14,081
51	41	94 083	6 921,250	99 155,286	14,326	13,859
52	42	93 563	6 539,652	92 234,036	14,104	13,637
53	43	93 012	6 176,839	85 694,384	13,874	13,407
54	44	92 404	5 830,360	79 517,545	13,639	13,172
55	45	91 728	5 499,046	73 687,185	13,400	12,933
56	46	90 992	5 182,809	68 188,139	13,157	12,690
57	47	90 201	4 881,502	63 005,330	12,907	12,440
58	48	89 329	4 593,170	58 123,828	12,654	12,188
59	49	88 387	4 318,029	53 530,658	12,397	11,930
60	50	87 364	4 055,127	49 212,630	12,136	11,669
61	51	86 265	3 804,415	45 157,502	11,870	11,403
62	52	85 093	3 565,542	41 353,088	11,598	11,131
63	53	83 842	3 337,886	37 787,545	11,321	10,854
64	54	82 534	3 121,877	34 449,659	11,035	10,568
65	55	81 110	2 915,011	31 327,783	10,747	10,280
66	56	79 606	2 718,234	28 412,772	10,453	9,986
67	57	77 994	2 530,344	25 694,539	10,155	9,688
68	58	76 293	2 351,705	23 164,195	9,850	9,383
69	59	74 502	2 181,943	20 812,490	9,539	9,072
70	60	72 597	2 020,105	18 630,547	9,223	8,756
71	61	70 562	1 865,531	16 610,442	8,904	8,437
72	62	68 408	1 718,360	14 744,911	8,581	8,114
73	63	66 134	1 578,368	13 026,551	8,253	7,786
74	64	63 727	1 445,071	11 448,183	7,922	7,455
75	65	61 116	1 316,740	10 003,112	7,597	7,130
76	66	58 369	1 194,818	8 686,372	7,270	6,803
77	67	55 461	1 078,667	7 491,554	6,945	6,478
78	68	52 386	968,032	6 412,887	6,625	6,158
79	69	49 137	862,705	5 444,855	6,311	5,845
80	70	45 754	763,237	4 582,150	6,004	5,537
81	71	42 281	670,124	3 818,913	5,699	5,232
82	72	38 696	582,711	3 148,788	5,404	4,937
83	73	35 072	501,799	2 566,078	5,114	4,647
84	74	31 469	427,788	2 064,279	4,825	4,359
85	75	27 851	359,719	1 636,491	4,549	4,083
86	76	24 293	298,110	1 276,772	4,283	3,816
87	77	20 832	242,894	978,662	4,029	3,562
88	78	17 515	194,033	735,768	3,792	3,325
89	79	14 439	151,978	541,735	3,565	3,098
90	80	11 588	115,879	389,757	3,363	2,897
91	81	9 149	86,933	273,878	3,150	2,684
92	82	6 973	62,947	186,945	2,970	2,503
93	83	5 163	44,283	123,999	2,800	2,333
94	84	3 704	30,182	79,716	2,641	2,174
95	85	2 565	19,857	49,534	2,494	2,028
96	86	1 710	12,582	29,677	2,359	1,892
97	87	1 096	7,658	17,095	2,232	1,765
98	88	671	4,457	9,437	2,117	1,650
99	89	393	2,477	4,979	2,010	1,543
100	90	218	1,305	2,502	1,917	1,450

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß   5,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	39	94 590	7 323 890	106 811,566	14,584	14,117
1							51	40	94 150	6 926,141	99 487,676	14,364	13,897
2							52	41	93 638	6 544,898	92 561,535	14,143	13,676
3							53	42	93 095	6 182,342	86 016,637	13,913	13,446
4							54	43	92 498	5 836,337	79 834,296	13,679	13,212
5							55	44	91 831	5 505,229	73 997,959	13,441	12,975
6							56	45	91 108	5 189,395	68 492,730	13,199	12,732
7							57	46	90 329	4 888,390	63 303,335	12,950	12,483
8							58	47	89 476	4 600,693	58 414,945	12,697	12,230
9							59	48	88 544	4 325,678	53 814,252	12,441	11,974
10							60	49	87 544	4 063,489	49 488,574	12,179	11,712
11	0	99 480	56 662,267	1 077 997,606	19,025	18,558	61	50	86 456	3 812,814	45 425,085	11,914	11,447
12	1	99 158	53 661,550	1 021 335,339	19,033	18,566	62	51	85 302	3 574,288	41 612,271	11,642	11,175
13	2	99 121	50 965,715	967 673,789	18,987	18,520	63	52	84 073	3 347,075	38 037,983	11,365	10,898
14	3	99 095	48 410,901	916 708,074	18,936	18,469	64	53	82 782	3 131,291	34 690,908	11,079	10,612
15	4	99 069	45 984,063	868 297,174	18,883	18,416	65	54	81 370	2 924,343	31 559,617	10,792	10,325
16	5	99 040	43 677,337	822 313,110	18,827	18,360	66	55	79 889	2 727,899	28 635,274	10,497	10,030
17	6	99 004	41 483,687	778 635,773	18,770	18,303	67	56	78 289	2 539,925	25 907,375	10,200	9,733
18	7	98 962	39 397,645	737 152,086	18,711	18,244	68	57	76 599	2 361,141	23 367,450	9,897	9,430
19	8	98 906	37 411,208	697 754,441	18,651	18,184	69	58	74 832	2 191,613	21 006,309	9,585	9,118
20	9	98 850	35 525,104	660 343,233	18,588	18,121	70	59	72 942	2 029,689	18 814,696	9,270	8,803
21	10	98 790	33 732,586	624 818,129	18,523	18,056	71	60	70 945	1 875,640	16 785,007	8,949	8,482
22	11	98 730	32 030,369	591 085,544	18,454	17,987	72	61	68 803	1 728,292	14 909,367	8,627	8,160
23	12	98 669	30 414,051	559 055,175	18,381	17,915	73	62	66 553	1 588,387	13 181,076	8,298	7,832
24	13	98 610	28 879,529	528 641,123	18,305	17,838	74	63	64 160	1 454,874	11 592,688	7,968	7,501
25	14	98 546	27 421,172	499 761,595	18,225	17,759	75	64	61 569	1 326,489	10 137,815	7,643	7,176
26	15	98 481	26 036,234	472 340,423	18,142	17,675	76	65	58 828	1 204,223	8 811,326	7,317	6,850
27	16	98 411	24 720,031	446 304,188	18,054	17,588	77	66	55 940	1 087,974	7 607,103	6,992	6,525
28	17	98 334	23 468,488	421 584,157	17,964	17,497	78	67	52 869	976,954	6 519,129	6,673	6,206
29	18	98 259	22 280,875	398 115,669	17,868	17,401	79	68	49 619	871,164	5 542,175	6,362	5,895
30	19	98 172	21 150,725	375 834,794	17,769	17,303	80	69	46 245	771,431	4 671,010	6,055	5,588
31	20	98 089	20 078,694	354 684,069	17,665	17,198	81	70	42 777	677,992	3 899,579	5,752	5,285
32	21	97 997	19 059,295	334 605,376	17,556	17,089	82	71	39 201	590,312	3 221,588	5,457	4,991
33	22	97 905	18 091,495	315 546,080	17,442	16,975	83	72	35 588	509,171	2 631,275	5,168	4,701
34	23	97 808	17 172,095	297 454,585	17,322	16,855	84	73	31 989	434,859	2 122,105	4,880	4,413
35	24	97 708	16 298,862	280 282,490	17,196	16,730	85	74	28 379	366,539	1 687,246	4,603	4,136
36	25	97 606	15 469,719	263 983,628	17,065	16,598	86	75	24 825	304,647	1 320,706	4,335	3,868
37	26	97 499	14 681,893	248 513,909	16,927	16,460	87	76	21 355	248,993	1 016,059	4,081	3,614
38	27	97 383	13 933,046	233 832,015	16,783	16,316	88	77	18 015	199,566	767,067	3,844	3,377
39	28	97 250	13 219,909	219 899,008	16,634	16,167	89	78	14 918	157,013	567,501	3,614	3,148
40	29	97 114	12 542,891	206 679,099	16,478	16,011	90	79	12 024	120,244	410,487	3,414	2,947
41	30	96 962	11 898,533	194 136,208	16,316	15,849	91	80	9 548	90,722	290,243	3,199	2,732
42	31	96 801	11 286,342	182 237,674	16,147	15,680	92	81	7 321	66,092	199,522	3,019	2,552
43	32	96 624	10 703,731	170 951,332	15,971	15,504	93	82	5 464	46,867	133,430	2,847	2,380
44	33	96 418	10 148,083	160 247,601	15,791	15,324	94	83	3 951	32,201	86,562	2,688	2,221
45	34	96 191	9 619,183	150 099,518	15,604	15,137	95	84	2 765	21,405	54,361	2,540	2,073
46	35	95 937	9 115,250	140 480,335	15,412	14,945	96	85	1 865	13,718	32,956	2,402	1,936
47	36	95 661	8 635,711	131 365,085	15,212	14,745	97	86	1 210	8,455	19,238	2,275	1,809
48	37	95 340	8 177,378	122 729,374	15,008	14,542	98	87	753	4,999	10,784	2,157	1,690
49	38	94 983	7 740,429	114 551,995	14,799	14,332	99	88	447	2,823	5,785	2,049	1,583
							100	89	254	1,520	2,962	1,949	1,482

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß   5,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$
0							50	38	94 643	7 327,970	107 119,686	14,618	14,151
1							51	39	94 212	6 930,726	99 791,716	14,398	13,932
2							52	40	93 704	6 549,523	92 860,990	14,178	13,711
3							53	41	93 169	6 187,301	86 311,467	13,950	13,483
4							54	42	92 581	5 841,536	80 124,166	13,716	13,249
5							55	43	91 926	5 510,872	74 282,630	13,479	13,012
6							56	44	91 210	5 195,230	68 771,758	13,237	12,771
7							57	45	90 443	4 894,602	63 576,528	12,989	12,522
8							58	46	89 602	4 607,185	58 681,926	12,737	12,270
9							59	47	88 689	4 332,763	54 074,741	12,480	12,014
10							60	48	87 699	4 070,687	49 741,978	12,220	11,753
11							61	49	86 634	3 820,676	45 671,291	11,954	11,487
12	0	99 472	53 831,263	1 021 955,823	18,984	18,518	62	50	85 490	3 582,179	41 850,615	11,683	11,216
13	1	99 147	50 979,172	968 124,560	18,991	18,524	63	51	84 280	3 355,285	38 268,435	11,405	10,939
14	2	99 110	48 418,112	917 145,389	18,942	18,475	64	52	83 010	3 139,911	34 913,151	11,119	10,652
15	3	99 080	45 989,202	868 727,276	18,890	18,423	65	53	81 616	2 933,161	31 773,239	10,832	10,366
16	4	99 052	43 682,543	822 738,075	18,834	18,368	66	54	80 145	2 736,632	28 840,078	10,539	10,072
17	5	99 014	41 487,881	779 055,532	18,778	18,311	67	55	78 568	2 548,956	26 103,446	10,241	9,774
18	6	98 971	39 401,077	737 567,651	18,719	18,253	68	56	76 889	2 370,082	23 554,490	9,938	9,471
19	7	98 914	37 414,419	698 166,575	18,660	18,194	69	57	75 133	2 200,408	21 184,408	9,627	9,161
20	8	98 857	35 527,720	660 752,155	18,598	18,131	70	58	73 265	2 038,684	18 984,000	9,312	8,845
21	9	98 797	33 734,913	625 224,435	18,533	18,067	71	59	71 281	1 884,538	16 945,316	8,992	8,525
22	10	98 737	32 032,642	591 489,522	18,465	17,998	72	60	69 176	1 737,657	15 060,778	8,667	8,200
23	11	98 677	30 416,483	559 456,880	18,393	17,926	73	61	66 938	1 597,568	13 323,121	8,340	7,873
24	12	98 618	28 881,854	529 040,396	18,317	17,851	74	62	64 567	1 464,109	11 725,553	8,009	7,542
25	13	98 555	27 423,628	500 158,543	18,238	17,771	75	63	61 987	1 335,487	10 261,445	7,684	7,217
26	14	98 492	26 039,057	472 734,914	18,155	17,688	76	64	59 264	1 213,139	8 925,957	7,358	6,891
27	15	98 424	24 723,141	446 695,858	18,068	17,601	77	65	56 380	1 096,538	7 712,818	7,034	6,567
28	16	98 349	23 472,099	421 972,716	17,978	17,511	78	66	53 325	985,383	6 616,281	6,714	6,248
29	17	98 275	22 284,451	398 500,617	17,882	17,416	79	67	50 076	879,193	5 630,897	6,405	5,938
30	18	98 195	21 155,557	376 216,165	17,783	17,317	80	68	46 699	778,996	4 751,704	6,100	5,633
31	19	98 109	20 082,841	355 060,608	17,680	17,213	81	69	43 237	685,271	3 972,709	5,797	5,330
32	20	98 019	19 063,527	334 977,767	17,572	17,105	82	70	39 661	597,243	3 287,438	5,504	5,038
33	21	97 925	18 095,282	315 914,240	17,458	16,992	83	71	36 052	515,813	2 690,195	5,215	4,749
34	22	97 830	17 175,948	297 818,957	17,339	16,873	84	72	32 459	441,247	2 174,382	4,928	4,461
35	23	97 731	16 302,589	280 643,009	17,215	16,748	85	73	28 848	372,598	1 733,135	4,651	4,185
36	24	97 626	15 472,847	264 340,420	17,084	16,617	86	74	25 296	310,423	1 360,536	4,383	3,916
37	25	97 520	14 685,124	248 867,574	16,947	16,480	87	75	21 824	254,453	1 050,113	4,127	3,660
38	26	97 406	13 936,306	234 182,450	16,804	16,337	88	76	18 467	204,577	795,661	3,889	3,423
39	27	97 276	13 223,461	220 246,144	16,656	16,189	89	77	15 343	161,490	591,084	3,660	3,193
40	28	97 139	12 546,064	207 022,683	16,501	16,034	90	78	12 423	124,228	429,594	3,458	2,991
41	29	96 989	11 901,948	194 476,619	16,340	15,873	91	79	9 908	94,139	305,366	3,244	2,777
42	30	96 829	11 289,537	182 574,671	16,172	15,705	92	80	7 640	68,973	211,226	3,062	2,596
43	31	96 653	10 706,965	171 285,133	15,998	15,531	93	81	5 737	49,209	142,254	2,891	2,424
44	32	96 452	10 151,681	160 578,168	15,818	15,351	94	82	4 182	34,080	93,044	2,730	2,263
45	33	96 226	9 622,702	150 426,487	15,632	15,166	95	83	2 950	22,838	58,964	2,582	2,115
46	34	95 978	9 119,123	140 803,785	15,440	14,974	96	84	2 010	14,787	36,126	2,443	1,976
47	35	95 700	8 639,148	131 684,662	15,243	14,776	97	85	1 319	9,218	21,340	2,315	1,848
48	36	95 385	8 181,266	123 045,514	15,040	14,573	98	86	831	5,519	12,122	2,197	1,730
49	37	95 034	7 744,562	114 864,248	14,832	14,365	99	87	502	3,165	6,603	2,086	1,619
							100	88	289	1,732	3,438	1,985	1,518

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß   5,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	37	94 694	7 331,883	107 401,353	14,649	14,182
1							51	38	94 264	6 934,587	100 069,470	14,430	13,964
2							52	39	93 766	6 553,859	93 134,883	14,211	13,744
3							53	40	93 235	6 191,673	86 581,024	13,983	13,517
4							54	41	92 655	5 846,222	80 389,351	13,751	13,284
5							55	42	92 007	5 515,781	74 543,129	13,515	13,048
6							56	43	91 304	5 200,556	69 027,348	13,273	12,806
7							57	44	90 545	4 900,106	63 826,792	13,026	12,559
8							58	45	89 716	4 613,040	58 926,687	12,774	12,307
9							59	46	88 814	4 338,877	54 313,647	12,518	12,051
10							60	47	87 843	4 077,354	49 974,770	12,257	11,790
11							61	48	86 788	3 827,444	45 897,416	11,992	11,525
12							62	49	85 667	3 589,565	42 069,971	11,720	11,253
13	0	99 461	51 140,401	968 698,948	18,942	18,475	63	50	84 466	3 362,693	38 480,406	11,443	10,977
14	1	99 136	48 430,896	917 558,546	18,946	18,479	64	51	83 214	3 147,613	35 117,713	11,157	10,690
15	2	99 095	45 996,052	869 127,650	18,896	18,429	65	52	81 840	2 941,236	31 970,100	10,870	10,403
16	3	99 063	43 687,424	823 131,598	18,841	18,375	66	53	80 386	2 744,885	29 028,864	10,576	10,109
17	4	99 026	41 492,826	779 444,173	18,785	18,318	67	54	78 819	2 557,117	26 283,979	10,279	9,812
18	5	98 981	39 405,059	737 951,348	18,727	18,261	68	55	77 163	2 378,509	23 726,863	9,976	9,509
19	6	98 923	37 417,678	698 546,288	18,669	18,202	69	56	75 417	2 208,739	21 348,354	9,665	9,199
20	7	98 866	35 530,770	661 128,611	18,607	18,140	70	57	73 559	2 046,865	19 139,614	9,351	8,884
21	8	98 804	33 737,397	625 597,841	18,543	18,076	71	58	71 597	1 892,890	17 092,749	9,030	8,563
22	9	98 744	32 034,852	591 860,443	18,476	18,009	72	59	69 504	1 745,901	15 199,859	8,706	8,239
23	10	98 684	30 418,642	559 825,591	18,404	17,937	73	60	67 301	1 606,224	13 453,958	8,376	7,909
24	11	98 626	28 884,164	529 406,949	18,329	17,862	74	61	64 940	1 472,571	11 847,734	8,046	7,579
25	12	98 563	27 425,836	500 522,785	18,250	17,783	75	62	62 380	1 343,965	10 375,163	7,720	7,253
26	13	98 501	26 041,389	473 096,949	18,167	17,700	76	63	59 666	1 221,368	9 031,198	7,394	6,928
27	14	98 435	24 725,821	447 055,560	18,081	17,614	77	64	56 798	1 104,656	7 809,830	7,070	6,603
28	15	98 362	23 475,052	422 329,738	17,991	17,524	78	65	53 745	993,139	6 705,174	6,751	6,285
29	16	98 290	22 287,881	398 854,686	17,896	17,429	79	66	50 508	886,779	5 712,034	6,441	5,975
30	17	98 210	21 158,952	376 566,805	17,797	17,330	80	67	47 129	786,175	4 825,255	6,138	5,671
31	18	98 132	20 087,430	355 407,853	17,693	17,226	81	68	43 661	691,990	4 039,080	5,837	5,370
32	19	98 039	19 067,465	335 320,423	17,586	17,119	82	69	40 087	603,655	3 347,090	5,545	5,078
33	20	97 947	18 099,300	316 252,958	17,473	17,006	83	70	36 475	521,869	2 743,435	5,257	4,790
34	21	97 851	17 179,544	298 153,657	17,355	16,888	84	71	32 883	447,003	2 221,566	4,970	4,503
35	22	97 752	16 306,247	280 974,114	17,231	16,764	85	72	29 272	378,072	1 774,562	4,694	4,227
36	23	97 648	15 476,384	264 667,867	17,101	16,635	86	73	25 714	315,554	1 396,490	4,426	3,959
37	24	97 540	14 688,093	249 191,483	16,966	16,499	87	74	22 238	259,277	1 080,936	4,169	3,702
38	25	97 428	13 939,372	234 503,390	16,823	16,356	88	75	18 872	209,063	821,659	3,930	3,463
39	26	97 299	13 226,591	220 564,018	16,676	16,209	89	76	15 728	165,545	612,596	3,700	3,234
40	27	97 165	12 549,435	207 337,426	16,522	16,055	90	77	12 777	127,770	447,051	3,499	3,032
41	28	97 014	11 904,959	194 787,991	16,362	15,895	91	78	10 236	97,258	319,281	3,283	2,816
42	29	96 857	11 292,778	182 883,032	16,195	15,728	92	79	7 928	71,571	222,022	3,102	2,635
43	30	96 681	10 709,996	171 590,255	16,022	15,555	93	80	5 987	51,354	150,452	2,930	2,463
44	31	96 481	10 154,748	160 880,258	15,843	15,376	94	81	4 391	35,783	99,097	2,769	2,303
45	32	96 260	9 626,114	150 725,510	15,658	15,191	95	82	3 122	24,170	63,314	2,619	2,153
46	33	96 013	9 122,459	141 099,396	15,467	15,000	96	83	2 144	15,776	39,144	2,481	2,014
47	34	95 740	8 642,819	131 976,937	15,270	14,803	97	84	1 422	9,936	23,368	2,352	1,885
48	35	95 423	8 184,522	123 334,119	15,069	14,602	98	85	906	6,017	13,431	2,232	1,766
49	36	95 079	7 748,244	115 149,597	14,861	14,395	99	86	554	3,495	7,415	2,122	1,655
							100	87	324	1,942	3,920	2,019	1,552

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß   5,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	36	94 739	7 335,369	107 658,729	14,677	14,210
1							51	37	94 315	6 938,289	100 323,361	14,459	13,993
2							52	38	93 818	6 557,510	93 385,071	14,241	13,774
3							53	39	93 297	6 195,772	86 827,562	14,014	13,547
4							54	40	92 720	5 850,353	80 631,789	13,782	13,316
5							55	41	92 081	5 520,206	74 781,436	13,547	13,080
6							56	42	91 385	5 205,189	69 261,230	13,306	12,839
7							57	43	90 638	4 905,128	64 056,042	13,059	12,592
8							58	44	89 817	4 618,227	59 150,913	12,808	12,341
9							59	45	88 927	4 344,391	54 532,686	12,552	12,086
10							60	46	87 966	4 083,108	50 188,295	12,292	11,825
11							61	47	86 930	3 833,713	46 105,188	12,026	11,559
12							62	48	85 819	3 595,924	42 271,475	11,755	11,289
13							63	49	84 640	3 369,626	38 675,550	11,478	11,011
14	0	99 450	48 584,067	918 090,417	18,897	18,430	64	50	83 398	3 154,562	35 305,924	11,192	10,725
15	1	99 121	46 008,197	869 506,350	18,899	18,432	65	51	82 041	2 948,450	32 151,362	10,904	10,438
16	2	99 077	43 693,932	823 498,153	18,847	18,380	66	52	80 608	2 752,441	29 202,911	10,610	10,143
17	3	99 037	41 497,462	779 804,221	18,792	18,325	67	53	79 057	2 564,828	26 450,470	10,313	9,846
18	4	98 992	39 409,756	738 306,759	18,734	18,267	68	54	77 410	2 386,124	23 885,642	10,010	9,543
19	5	98 933	37 421,460	698 897,002	18,676	18,210	69	55	75 685	2 216,593	21 499,518	9,699	9,233
20	6	98 875	35 533,865	661 475,542	18,615	18,149	70	56	73 838	2 054,615	19 282,925	9,385	8,918
21	7	98 813	33 740,293	625 941,678	18,552	18,085	71	57	71 884	1 900,486	17 228,310	9,065	8,598
22	8	98 751	32 037,212	592 201,384	18,485	18,018	72	58	69 812	1 753,638	15 327,824	8,741	8,274
23	9	98 691	30 420,741	560 164,173	18,414	17,947	73	59	67 620	1 613,845	13 574,186	8,411	7,944
24	10	98 633	28 886,214	529 743,432	18,339	17,872	74	60	65 292	1 480,550	11 960,341	8,078	7,612
25	11	98 571	27 428,030	500 857,218	18,261	17,794	75	61	62 741	1 351,733	10 479,791	7,753	7,286
26	12	98 509	26 043,486	473 429,189	18,178	17,712	76	62	60 045	1 229,121	9 128,058	7,426	6,960
27	13	98 443	24 728,036	447 385,703	18,092	17,625	77	63	57 183	1 112,150	7 898,937	7,102	6,636
28	14	98 372	23 477,597	422 657,667	18,003	17,536	78	64	54 142	1 000,492	6 786,787	6,783	6,317
29	15	98 302	22 290,685	399 180,070	17,908	17,441	79	65	50 906	893,759	5 786,294	6,474	6,007
30	16	98 225	21 162,209	376 889,385	17,810	17,343	80	66	47 536	792,958	4 892,535	6,170	5,703
31	17	98 148	20 090,654	355 727,176	17,706	17,239	81	67	44 063	698,368	4 099,577	5,870	5,403
32	18	98 062	19 071,822	335 636,522	17,599	17,132	82	68	40 480	609,574	3 401,209	5,580	5,113
33	19	97 967	18 103,039	316 564,701	17,487	17,020	83	69	36 867	527,472	2 791,635	5,292	4,826
34	20	97 872	17 183,358	298 461,662	17,369	16,902	84	70	33 269	452,252	2 264,163	5,006	4,540
35	21	97 773	16 309,660	281 278,303	17,246	16,779	85	71	29 654	383,004	1 811,911	4,731	4,264
36	22	97 670	15 479,857	264 968,643	17,117	16,650	86	72	26 092	320,190	1 428,908	4,463	3,996
37	23	97 562	14 691,451	249 488,786	16,982	16,515	87	73	22 605	263,563	1 108,718	4,207	3,740
38	24	97 448	13 942,190	234 797,335	16,841	16,374	88	74	19 230	213,027	845,155	3,967	3,501
39	25	97 321	13 229,502	220 855,145	16,694	16,227	89	75	16 073	169,175	632,128	3,737	3,270
40	26	97 188	12 552,406	207 625,643	16,541	16,074	90	76	13 098	130,978	462,953	3,535	3,068
41	27	97 040	11 908,158	195 073,237	16,381	15,915	91	77	10 528	100,032	331,974	3,319	2,852
42	28	96 881	11 295,634	183 165,079	16,216	15,749	92	78	8 191	73,942	231,943	3,137	2,670
43	29	96 708	10 713,070	171 869,446	16,043	15,576	93	79	6 213	53,289	158,001	2,965	2,498
44	30	96 508	10 157,623	161 156,375	15,866	15,399	94	80	4 582	37,343	104,712	2,804	2,337
45	31	96 289	9 629,022	150 998,752	15,682	15,215	95	81	3 278	25,378	67,369	2,655	2,188
46	32	96 047	9 125,694	141 369,730	15,491	15,025	96	82	2 270	16,697	41,991	2,515	2,048
47	33	95 775	8 645,980	132 244,036	15,295	14,829	97	83	1 517	10,601	25,294	2,386	1,919
48	34	95 464	8 188,000	123 598,056	15,095	14,628	98	84	977	6,486	14,693	2,265	1,799
49	35	95 117	7 751,327	115 410,056	14,889	14,422	99	85	604	3,810	8,207	2,154	1,687
							100	86	358	2,144	4,397	2,051	1,584

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß   5,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	35	94 776	7 338,288	107 893,628	14,703	14,236
1							51	36	94 360	6 941,588	100 555,340	14,486	14,019
2							52	37	93 869	6 561,011	93 613,752	14,268	13,801
3							53	38	93 349	6 199,223	87 052,741	14,043	13,576
4							54	39	92 782	5 854,226	80 853,518	13,811	13,344
5							55	40	92 146	5 524,107	74 999,291	13,577	13,110
6							56	41	91 458	5 209,364	69 475,184	13,337	12,870
7							57	42	90 719	4 909,498	64 265,820	13,090	12,623
8							58	43	89 909	4 622,960	59 356,322	12,839	12,373
9							59	44	89 027	4 349,276	54 733,362	12,584	12,118
10							60	45	88 078	4 088,297	50 384,086	12,324	11,857
11							61	46	87 052	3 839,123	46 295,789	12,059	11,592
12							62	47	85 959	3 601,814	42 456,666	11,788	11,321
13							63	48	84 790	3 375,596	38 854,852	11,511	11,044
14							64	49	83 570	3 161,067	35 479,257	11,224	10,757
15	0	99 435	46 153,705	869 998,993	18,850	18,383	65	50	82 222	2 954,960	32 318,190	10,937	10,470
16	1	99 104	43 705,469	823 845,288	18,850	18,383	66	51	80 805	2 759,192	29 363,230	10,642	10,175
17	2	99 052	41 503,644	780 139,819	18,797	18,330	67	52	79 274	2 571,889	26 604,037	10,344	9,877
18	3	99 003	39 414,160	738 636,176	18,740	18,274	68	53	77 643	2 393,319	24 032,149	10,041	9,575
19	4	98 945	37 425,921	699 222,015	18,683	18,216	69	54	75 928	2 223,689	21 638,829	9,731	9,264
20	5	98 885	35 537,456	661 796,095	18,622	18,156	70	55	74 100	2 061,921	19 415,140	9,416	8,949
21	6	98 821	33 743,232	626 258,638	18,560	18,093	71	56	72 156	1 907,682	17 353,219	9,096	8,630
22	7	98 759	32 039,962	592 515,407	18,493	18,026	72	57	70 092	1 760,675	15 445,537	8,773	8,306
23	8	98 698	30 422,981	560 475,445	18,423	17,956	73	58	67 920	1 620,997	13 684,862	8,442	7,975
24	9	98 640	28 888,206	530 052,464	18,348	17,882	74	59	65 602	1 487,575	12 063,865	8,110	7,643
25	10	98 578	27 429,976	501 164,257	18,271	17,804	75	60	63 081	1 359,057	10 576,290	7,782	7,315
26	11	98 516	26 045,569	473 734,281	18,189	17,722	76	61	60 392	1 236,225	9 217,233	7,456	6,989
27	12	98 451	24 730,027	447 688,712	18,103	17,636	77	62	57 546	1 119,209	7 981,008	7,131	6,664
28	13	98 381	23 479,700	422 958,685	18,014	17,547	78	63	54 510	1 007,279	6 861,798	6,812	6,345
29	14	98 313	22 293,101	399 478,985	17,919	17,453	79	64	51 283	900,377	5 854,519	6,502	6,036
30	15	98 238	21 164,871	377 185,884	17,821	17,355	80	65	47 910	799,200	4 954,142	6,199	5,732
31	16	98 163	20 093,745	356 021,013	17,718	17,251	81	66	44 443	704,393	4 154,942	5,899	5,432
32	17	98 077	19 074,883	335 927,267	17,611	17,144	82	67	40 853	615,192	3 450,549	5,609	5,142
33	18	97 990	18 107,175	316 852,385	17,499	17,032	83	68	37 228	532,644	2 835,357	5,323	4,856
34	19	97 892	17 186,908	298 745,210	17,382	16,915	84	69	33 626	457,107	2 302,713	5,038	4,571
35	20	97 795	16 313,281	281 558,302	17,259	16,793	85	70	30 002	387,501	1 845,606	4,763	4,296
36	21	97 691	15 483,097	265 245,020	17,131	16,664	86	71	26 432	324,367	1 458,105	4,495	4,028
37	22	97 584	14 694,747	249 761,923	16,997	16,530	87	72	22 937	267,435	1 133,738	4,239	3,773
38	23	97 470	13 945,378	235 067,175	16,856	16,389	88	73	19 548	216,548	866,303	4,001	3,534
39	24	97 340	13 232,176	221 121,797	16,711	16,244	89	74	16 378	172,383	649,755	3,769	3,302
40	25	97 209	12 555,168	207 889,621	16,558	16,091	90	75	13 385	133,850	477,372	3,566	3,100
41	26	97 063	11 910,977	195 334,453	16,400	15,933	91	76	10 792	102,543	343,522	3,350	2,883
42	27	96 907	11 298,669	183 423,476	16,234	15,767	92	77	8 424	76,051	240,979	3,169	2,702
43	28	96 733	10 715,780	172 124,807	16,063	15,596	93	78	6 419	55,054	164,928	2,996	2,529
44	29	96 536	10 160,538	161 409,027	15,886	15,419	94	79	4 755	38,750	109,874	2,835	2,369
45	30	96 316	9 631,748	151 248,489	15,703	15,236	95	80	3 420	26,484	71,124	2,686	2,219
46	31	96 076	9 128,451	141 616,740	15,514	15,047	96	81	2 383	17,531	44,640	2,546	2,080
47	32	95 809	8 649,046	132 488,290	15,318	14,851	97	82	1 605	11,220	27,109	2,416	1,949
48	33	95 499	8 190,995	123 839,244	15,119	14,652	98	83	1 042	6,920	15,889	2,296	1,829
49	34	95 158	7 754,621	115 648,249	14,913	14,447	99	84	651	4,107	8,969	2,184	1,717
							100	85	390	2,337	4,862	2,080	1,613

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß   5,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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16	0	99 417	43 843,694	824 301,733	18,801	18,334
17	1	99 078	41 514,602	780 458,039	18,800	18,333
18	2	99 018	39 420,031	738 943,437	18,745	18,279
19	3	98 956	37 430,103	699 523,405	18,689	18,222
20	4	98 896	35 541,692	662 093,302	18,629	18,162
21	5	98 831	33 746,643	626 551,610	18,566	18,100
22	6	98 768	32 042,752	592 804,967	18,500	18,034
23	7	98 707	30 425,593	560 762,215	18,431	17,964
24	8	98 647	28 890,334	530 336,622	18,357	17,890
25	9	98 584	27 431,869	501 446,288	18,280	17,813
26	10	98 523	26 047,417	474 014,420	18,198	17,731
27	11	98 459	24 732,005	447 967,003	18,113	17,646
28	12	98 389	23 481,591	423 234,998	18,024	17,557
29	13	98 322	22 295,098	399 753,407	17,930	17,463
30	14	98 248	21 167,165	377 458,309	17,832	17,365
31	15	98 175	20 096,273	356 291,144	17,729	17,262
32	16	98 093	19 077,818	336 194,870	17,622	17,155
33	17	98 005	18 110,081	317 117,052	17,511	17,044
34	18	97 915	17 190,835	299 006,971	17,393	16,927
35	19	97 815	16 316,652	281 816,136	17,272	16,805
36	20	97 712	15 486,535	265 499,485	17,144	16,677
37	21	97 605	14 697,823	250 012,949	17,010	16,543
38	22	97 492	13 948,507	235 315,126	16,870	16,403
39	23	97 363	13 235,202	221 366,619	16,726	16,259
40	24	97 229	12 557,706	208 131,417	16,574	16,107
41	25	97 084	11 913,598	195 573,711	16,416	15,949
42	26	96 930	11 301,344	183 660,113	16,251	15,784
43	27	96 759	10 718,659	172 358,769	16,080	15,613
44	28	96 560	10 163,108	161 640,110	15,905	15,438
45	29	96 344	9 634,513	151 477,002	15,722	15,256
46	30	96 103	9 131,035	141 842,489	15,534	15,067
47	31	95 838	8 651,659	132 711,454	15,339	14,873
48	32	95 533	8 193,899	124 059,795	15,141	14,674
49	33	95 192	7 757,458	115 865,896	14,936	14,469
50	34	94 817	7 341,406	108 108,438	14,726	14,259
51	35	94 397	6 944,350	100 767,032	14,511	14,044
52	36	93 913	6 564,130	93 822,682	14,293	13,826
53	37	93 399	6 202,534	87 258,551	14,068	13,601
54	38	92 834	5 857,487	81 056,018	13,838	13,371
55	39	92 207	5 527,764	75 198,531	13,604	13,137
56	40	91 523	5 213,045	69 670,767	13,365	12,898
57	41	90 792	4 913,436	64 457,721	13,119	12,652
58	42	89 989	4 627,079	59 544,285	12,869	12,402
59	43	89 118	4 353,734	54 917,206	12,614	12,147
60	44	88 177	4 092,894	50 563,472	12,354	11,887
61	45	87 163	3 844,002	46 470,578	12,089	11,622
62	46	86 080	3 606,896	42 626,577	11,818	11,351
63	47	84 929	3 381,124	39 019,680	11,540	11,074
64	48	83 718	3 166,667	35 638,556	11,254	10,787
65	49	82 392	2 961,053	32 471,889	10,966	10,500
66	50	80 984	2 765,284	29 510,836	10,672	10,205
67	51	79 469	2 578,197	26 745,552	10,374	9,907
68	52	77 857	2 399,908	24 167,355	10,070	9,603
69	53	76 157	2 230,395	21 767,447	9,759	9,293
70	54	74 337	2 068,522	19 537,052	9,445	8,978
71	55	72 413	1 914,465	17 468,530	9,124	8,658
72	56	70 358	1 767,342	15 554,064	8,801	8,334
73	57	68 192	1 627,502	13 786,723	8,471	8,004
74	58	65 892	1 494,167	12 159,221	8,138	7,671
75	59	63 380	1 365,505	10 665,054	7,810	7,344
76	60	60 719	1 242,924	9 299,548	7,482	7,015
77	61	57 878	1 125,678	8 056,624	7,157	6,690
78	62	54 856	1 013,673	6 930,946	6,837	6,371
79	63	51 631	906,484	5 917,273	6,528	6,061
80	64	48 264	805,117	5 010,789	6,224	5,757
81	65	44 793	709,938	4 205,671	5,924	5,457
82	66	41 205	620,500	3 495,733	5,634	5,167
83	67	37 571	537,553	2 875,233	5,349	4,882
84	68	33 956	461,589	2 337,680	5,064	4,598
85	69	30 324	391,661	1 876,091	4,790	4,323
86	70	26 743	328,175	1 484,430	4,523	4,056
87	71	23 236	270,924	1 156,255	4,268	3,801
88	72	19 835	219,729	885,331	4,029	3,562
89	73	16 649	175,232	665,602	3,798	3,332
90	74	13 639	136,388	490,370	3,595	3,129
91	75	11 029	104,792	353,982	3,378	2,911
92	76	8 636	77,960	249,190	3,196	2,730
93	77	6 602	56,624	171,230	3,024	2,557
94	78	4 912	40,033	114,606	2,863	2,396
95	79	3 549	27,482	74,572	2,713	2,247
96	80	2 487	18,295	47,090	2,574	2,107
97	81	1 685	11,780	28,795	2,444	1,978
98	82	1 103	7,324	17,014	2,323	1,856
99	83	694	4,382	9,691	2,212	1,745
100	84	420	2,520	5,309	2,107	1,640

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß   5,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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17	0	99 391	41 645,899	780 881,060	18,750	18,284
18	1	99 044	39 430,440	739 235,162	18,748	18,281
19	2	98 970	37 435,679	699 804,722	18,694	18,227
20	3	98 907	35 545,664	662 369,044	18,634	18,168
21	4	98 843	33 750,665	626 823,380	18,572	18,105
22	5	98 778	32 045,991	593 072,714	18,507	18,040
23	6	98 715	30 428,243	561 026,723	18,438	17,971
24	7	98 655	28 892,814	530 598,481	18,364	17,898
25	8	98 592	27 433,889	501 705,667	18,288	17,821
26	9	98 530	26 049,214	474 271,778	18,207	17,740
27	10	98 466	24 733,760	448 222,564	18,122	17,655
28	11	98 397	23 483,468	423 488,803	18,033	17,567
29	12	98 330	22 296,893	400 005,335	17,940	17,473
30	13	98 257	21 169,061	377 708,442	17,842	17,376
31	14	98 186	20 098,452	356 539,380	17,740	17,273
32	15	98 105	19 080,218	336 440,928	17,633	17,166
33	16	98 020	18 112,868	317 360,710	17,521	17,054
34	17	97 931	17 193,594	299 247,842	17,405	16,938
35	18	97 837	16 320,379	282 054,248	17,282	16,816
36	19	97 733	15 489,735	265 733,869	17,155	16,689
37	20	97 626	14 701,087	250 244,134	17,022	16,555
38	21	97 512	13 951,427	235 543,047	16,883	16,416
39	22	97 385	13 238,171	221 591,620	16,739	16,272
40	23	97 251	12 560,577	208 353,449	16,588	16,121
41	24	97 104	11 916,006	195 792,872	16,431	15,964
42	25	96 951	11 303,830	183 876,865	16,267	15,800
43	26	96 782	10 721,197	172 573,035	16,096	15,630
44	27	96 586	10 165,839	161 851,838	15,921	15,454
45	28	96 368	9 636,950	151 685,999	15,740	15,273
46	29	96 131	9 133,656	142 049,049	15,552	15,085
47	30	95 865	8 654,108	132 915,394	15,359	14,892
48	31	95 561	8 196,375	124 261,285	15,161	14,694
49	32	95 226	7 760,208	116 064,910	14,956	14,490
50	33	94 851	7 344,091	108 304,702	14,747	14,280
51	34	94 437	6 947,301	100 960,611	14,532	14,066
52	35	93 951	6 566,742	94 013,309	14,317	13,850
53	36	93 443	6 205,482	87 446,567	14,092	13,625
54	37	92 883	5 860,615	81 241,085	13,862	13,395
55	38	92 259	5 530,843	75 380,470	13,629	13,162
56	39	91 583	5 216,496	69 849,627	13,390	12,923
57	40	90 856	4 916,909	64 633,130	13,145	12,678
58	41	90 061	4 630,790	59 716,221	12,895	12,429
59	42	89 198	4 357,613	55 085,431	12,641	12,174
60	43	88 268	4 097,089	50 727,818	12,381	11,915
61	44	87 261	3 848,324	46 630,729	12,117	11,650
62	45	86 190	3 611,480	42 782,405	11,846	11,379
63	46	85 048	3 385,895	39 170,925	11,569	11,102
64	47	83 855	3 171,853	35 785,030	11,282	10,815
65	48	82 538	2 966,299	32 613,177	10,995	10,528
66	49	81 151	2 770,986	29 646,878	10,699	10,232
67	50	79 644	2 583,889	26 875,892	10,401	9,935
68	51	78 048	2 405,794	24 292,003	10,097	9,630
69	52	76 366	2 236,535	21 886,208	9,786	9,319
70	53	74 562	2 074,760	19 649,673	9,471	9,004
71	54	72 645	1 920,594	17 574,913	9,151	8,684
72	55	70 608	1 773,626	15 654,319	8,826	8,359
73	56	68 450	1 633,664	13 880,693	8,497	8,030
74	57	66 157	1 500,163	12 247,028	8,164	7,697
75	58	63 661	1 371,557	10 746,866	7,836	7,369
76	59	61 007	1 248,821	9 375,309	7,507	7,041
77	60	58 192	1 131,778	8 126,488	7,180	6,713
78	61	55 173	1 019,532	6 994,710	6,861	6,394
79	62	51 958	912,238	5 975,178	6,550	6,083
80	63	48 592	810,579	5 062,939	6,246	5,779
81	64	45 125	715,194	4 252,361	5,946	5,479
82	65	41 530	625,384	3 537,166	5,656	5,189
83	66	37 895	542,191	2 911,782	5,370	4,904
84	67	34 269	465,843	2 369,591	5,087	4,620
85	68	30 622	395,501	1 903,748	4,814	4,347
86	69	27 030	331,699	1 508,246	4,547	4,080
87	70	23 509	274,104	1 176,548	4,292	3,826
88	71	20 094	222,596	902,443	4,054	3,587
89	72	16 893	177,807	679,848	3,824	3,357
90	73	13 864	138,643	502,041	3,621	3,154
91	74	11 238	106,779	363,398	3,403	2,936
92	75	8 825	79,670	256,620	3,221	2,754
93	76	6 767	58,046	176,950	3,048	2,582
94	77	5 053	41,175	118,904	2,888	2,421
95	78	3 667	28,393	77,729	2,738	2,271
96	79	2 581	18,985	49,337	2,599	2,132
97	80	1 759	12,294	30,352	2,469	2,002
98	81	1 158	7,689	18,058	2,348	1,882
99	82	735	4,638	10,369	2,236	1,769
100	83	448	2,688	5,731	2,132	1,665

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß   5,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	32	94 885	7 346,695	108 484,149	14,766	14,300
1							51	33	94 472	6 949,842	101 137,454	14,552	14,086
2							52	34	93 990	6 569,533	94 187,611	14,337	13,870
3							53	35	93 480	6 207,952	87 618,078	14,114	13,647
4							54	36	92 927	5 863,401	81 410,127	13,884	13,418
5							55	37	92 308	5 533,796	75 546,725	13,652	13,185
6							56	38	91 634	5 219,402	70 012,929	13,414	12,947
7							57	39	90 916	4 920,164	64 793,527	13,169	12,702
8							58	40	90 125	4 634,063	59 873,363	12,920	12,453
9							59	41	89 269	4 361,108	55 239,300	12,666	12,200
10							60	42	88 346	4 100,739	50 878,192	12,407	11,940
11							61	43	87 350	3 852,268	46 777,453	12,143	11,676
12							62	44	86 287	3 615,541	42 925,184	11,872	11,406
13							63	45	85 156	3 390,198	39 309,643	11,595	11,128
14							64	46	83 973	3 176,329	35 919,445	11,308	10,842
15							65	47	82 673	2 971,157	32 743,116	11,020	10,554
16							66	48	81 295	2 775,895	29 771,959	10,725	10,258
17							67	49	79 809	2 589,217	26 996,064	10,426	9,960
18	0	99 358	39 555,145	739 627,310	18,699	18,232	68	50	78 220	2 411,106	24 406,847	10,123	9,656
19	1	98 997	37 445,563	700 072,166	18,696	18,229	69	51	76 553	2 242,021	21 995,741	9,811	9,344
20	2	98 922	35 550,959	662 626,603	18,639	18,172	70	52	74 767	2 080,472	19 753,720	9,495	9,028
21	3	98 854	33 754,437	627 075,644	18,578	18,111	71	53	72 864	1 926,386	17 673,249	9,174	8,708
22	4	98 790	32 049,811	593 321,207	18,512	18,046	72	54	70 834	1 779,304	15 746,863	8,850	8,383
23	5	98 725	30 431,318	561 271,396	18,444	17,977	73	55	68 694	1 639,473	13 967,558	8,520	8,053
24	6	98 664	28 895,330	530 840,078	18,371	17,904	74	56	66 407	1 505,843	12 328,085	8,187	7,720
25	7	98 600	27 436,244	501 944,748	18,295	17,828	75	57	63 916	1 377,060	10 822,242	7,859	7,392
26	8	98 537	26 051,133	474 508,504	18,215	17,748	76	58	61 277	1 254,355	9 445,182	7,530	7,063
27	9	98 473	24 735,467	448 457,371	18,130	17,663	77	59	58 468	1 137,148	8 190,826	7,203	6,736
28	10	98 404	23 485,135	423 721,905	18,042	17,575	78	60	55 472	1 025,057	7 053,679	6,881	6,414
29	11	98 338	22 298,676	400 236,769	17,949	17,482	79	61	52 259	917,511	6 028,622	6,571	6,104
30	12	98 265	21 170,766	377 938,093	17,852	17,385	80	62	48 900	815,724	5 111,111	6,266	5,799
31	13	98 194	20 100,252	356 767,327	17,749	17,283	81	63	45 431	720,046	4 295,387	5,965	5,499
32	14	98 116	19 082,286	336 667,075	17,643	17,176	82	64	41 837	630,014	3 575,341	5,675	5,208
33	15	98 033	18 115,147	317 584,788	17,531	17,065	83	65	38 194	546,459	2 945,327	5,390	4,923
34	16	97 946	17 196,240	299 469,641	17,415	16,948	84	66	34 564	469,863	2 398,868	5,105	4,639
35	17	97 853	16 322,999	282 273,402	17,293	16,826	85	67	30 904	399,146	1 929,005	4,833	4,366
36	18	97 755	15 493,273	265 950,403	17,166	16,699	86	68	27 295	334,951	1 529,859	4,567	4,101
37	19	97 647	14 704,124	250 457,130	17,033	16,566	87	69	23 762	277,047	1 194,907	4,313	3,846
38	20	97 534	13 954,525	235 753,006	16,894	16,428	88	70	20 330	225,209	917,860	4,076	3,609
39	21	97 405	13 240,943	221 798,481	16,751	16,284	89	71	17 114	180,126	692,651	3,845	3,379
40	22	97 273	12 563,396	208 557,538	16,600	16,134	90	72	14 068	140,680	512,525	3,643	3,176
41	23	97 126	11 918,731	195 994,142	16,444	15,977	91	73	11 424	108,544	371,846	3,426	2,959
42	24	96 971	11 306,116	184 075,412	16,281	15,814	92	74	8 993	81,180	263,302	3,243	2,777
43	25	96 803	10 723,556	172 769,296	16,111	15,644	93	75	6 916	59,319	182,122	3,070	2,603
44	26	96 609	10 168,246	162 045,740	15,936	15,470	94	76	5 179	42,209	122,803	2,909	2,443
45	27	96 394	9 639,539	151 877,494	15,756	15,289	95	77	3 772	29,202	80,594	2,760	2,293
46	28	96 155	9 135,966	142 237,955	15,569	15,102	96	78	2 666	19,614	51,392	2,620	2,153
47	29	95 893	8 656,592	133 101,989	15,376	14,909	97	79	1 825	12,757	31,778	2,491	2,024
48	30	95 589	8 198,695	124 445,397	15,179	14,712	98	80	1 208	8,025	19,022	2,370	1,904
49	31	95 255	7 762,553	116 246,702	14,975	14,509	99	81	772	4,869	10,997	2,258	1,792
							100	82	475	2,845	6,128	2,154	1,687

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß   5,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	31	94 914	7 348,915	108 648,038	14,784	14,317
1							51	32	94 505	6 952,307	101 299,123	14,571	14,104
2							52	33	94 025	6 571,936	94 346,816	14,356	13,889
3							53	34	93 520	6 210,590	87 774,880	14,133	13,666
4							54	35	92 964	5 865,734	81 564,290	13,905	13,438
5							55	36	92 352	5 536,427	75 698,556	13,673	13,206
6							56	37	91 683	5 222,189	70 162,128	13,435	12,969
7							57	38	90 966	4 922,904	64 939,939	13,191	12,725
8							58	39	90 184	4 637,131	60 017,035	12,943	12,476
9							59	40	89 332	4 364,190	55 379,904	12,690	12,223
10							60	41	88 417	4 104,028	51 015,714	12,431	11,964
11							61	42	87 428	3 855,700	46 911,686	12,167	11,700
12							62	43	86 375	3 619,247	43 055,985	11,896	11,430
13							63	44	85 252	3 394,010	39 436,738	11,620	11,153
14							64	45	84 080	3 180,365	36 042,728	11,333	10,866
15							65	46	82 789	2 975,350	32 862,363	11,045	10,578
16							66	47	81 428	2 780,441	29 887,013	10,749	10,282
17							67	48	79 950	2 593,804	27 106,572	10,451	9,984
18							68	49	78 382	2 416,077	24 512,768	10,146	9,679
19	0	99 310	37 563,990	700 435,777	18,646	18,180	69	50	76 722	2 246,971	22 096,690	9,834	9,367
20	1	98 948	35 560,346	662 871,787	18,641	18,174	70	51	74 950	2 085,575	19 849,719	9,518	9,051
21	2	98 869	33 759,465	627 311,441	18,582	18,115	71	52	73 065	1 931,689	17 764,145	9,196	8,729
22	3	98 801	32 053,392	593 551,976	18,518	18,051	72	53	71 048	1 784,670	15 832,455	8,871	8,405
23	4	98 737	30 434,946	561 498,584	18,449	17,982	73	54	68 914	1 644,722	14 047,786	8,541	8,074
24	5	98 674	28 898,251	531 063,638	18,377	17,910	74	55	66 643	1 511,198	12 403,064	8,207	7,741
25	6	98 609	27 438,633	502 165,387	18,301	17,835	75	56	64 158	1 382,275	10 891,866	7,880	7,413
26	7	98 546	26 053,369	474 726,754	18,221	17,755	76	57	61 523	1 259,389	9 509,591	7,551	7,084
27	8	98 480	24 737,288	448 673,385	18,138	17,671	77	58	58 727	1 142,187	8 250,203	7,223	6,756
28	9	98 411	23 486,755	423 936,097	18,050	17,583	78	59	55 735	1 029,920	7 108,016	6,902	6,435
29	10	98 345	22 300,259	400 449,341	17,957	17,490	79	60	52 542	922,483	6 078,096	6,589	6,122
30	11	98 273	21 172,459	378 149,082	17,860	17,394	80	61	49 183	820,439	5 155,613	6,284	5,817
31	12	98 202	20 101,871	356 976,623	17,758	17,292	81	62	45 719	724,616	4 335,174	5,983	5,516
32	13	98 124	19 083,996	336 874,753	17,652	17,185	82	63	42 121	634,288	3 610,558	5,692	5,226
33	14	98 043	18 117,111	317 790,757	17,541	17,074	83	64	38 477	550,505	2 976,270	5,406	4,940
34	15	97 958	17 198,403	299 673,646	17,425	16,958	84	65	34 836	473,561	2 425,765	5,122	4,656
35	16	97 868	16 325,511	282 475,243	17,303	16,836	85	66	31 170	402,590	1 952,203	4,849	4,382
36	17	97 771	15 495,760	266 149,732	17,176	16,709	86	67	27 547	338,038	1 549,613	4,584	4,117
37	18	97 669	14 707,483	250 653,972	17,043	16,576	87	68	23 995	279,764	1 211,575	4,331	3,864
38	19	97 554	13 957,408	235 946,489	16,905	16,438	88	69	20 548	227,627	931,811	4,094	3,627
39	20	97 427	13 243,883	221 989,081	16,762	16,295	89	70	17 315	182,241	704,184	3,864	3,397
40	21	97 293	12 566,026	208 745,199	16,612	16,145	90	71	14 251	142,515	521,943	3,662	3,196
41	22	97 148	11 921,405	196 179,173	16,456	15,989	91	72	11 592	110,138	379,429	3,445	2,978
42	23	96 993	11 308,701	184 257,768	16,293	15,827	92	73	9 141	82,522	269,290	3,263	2,796
43	24	96 823	10 725,724	172 949,067	16,125	15,658	93	74	7 047	60,443	186,768	3,090	2,623
44	25	96 630	10 170,483	162 223,343	15,950	15,484	94	75	5 293	43,134	126,325	2,929	2,462
45	26	96 417	9 641,821	152 052,860	15,770	15,303	95	76	3 866	29,935	83,191	2,779	2,312
46	27	96 181	9 138,421	142 411,039	15,584	15,117	96	77	2 742	20,173	53,255	2,640	2,173
47	28	95 917	8 658,782	133 272,618	15,392	14,925	97	78	1 886	13,179	33,082	2,510	2,043
48	29	95 616	8 201,048	124 613,837	15,195	14,728	98	79	1 254	8,327	19,903	2,390	1,923
49	30	95 282	7 764,750	116 412,788	14,992	14,526	99	80	805	5,082	11,576	2,278	1,811
							100	81	498	2,987	6,494	2,174	1,707

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß   5,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	30	94 940	7 350,996	108 797,736	14,800	14,334
1							51	31	94 534	6 954,407	101 446,741	14,587	14,121
2							52	32	94 058	6 574,266	94 492,333	14,373	13,906
3							53	33	93 554	6 212,861	87 918,067	14,151	13,684
4							54	34	93 004	5 868,227	81 705,206	13,923	13,457
5							55	35	92 389	5 538,630	75 836,979	13,692	13,226
6							56	36	91 727	5 224,672	70 298,348	13,455	12,988
7							57	37	91 015	4 925,533	65 073,676	13,211	12,745
8							58	38	90 235	4 639,714	60 148,143	12,964	12,497
9							59	39	89 391	4 367,079	55 508,429	12,711	12,244
10							60	40	88 480	4 106,929	51 141,350	12,452	11,986
11							61	41	87 498	3 858,793	47 034,421	12,189	11,722
12							62	42	86 452	3 622,471	43 175,628	11,919	11,452
13							63	43	85 340	3 397,489	39 553,157	11,642	11,175
14							64	44	84 174	3 183,941	36 155,668	11,356	10,889
15							65	45	82 895	2 979,131	32 971,726	11,068	10,601
16							66	46	81 543	2 784,365	29 992,596	10,772	10,305
17							67	47	80 081	2 598,052	27 208,231	10,473	10,006
18							68	48	78 520	2 420,358	24 610,179	10,168	9,701
19							69	49	76 881	2 251,604	22 189,821	9,855	9,388
20	0	99 261	35 672,811	663 209,023	18,591	18,125	70	50	75 116	2 090,179	19 938,217	9,539	9,072
21	1	98 895	33 768,378	627 536,212	18,584	18,117	71	51	73 244	1 936,427	17 848,038	9,217	8,750
22	2	98 815	32 058,167	593 767,833	18,522	18,055	72	52	71 243	1 789,583	15 911,610	8,891	8,424
23	3	98 748	30 438,347	561 709,666	18,454	17,987	73	53	69 122	1 649,682	14 122,027	8,560	8,094
24	4	98 686	28 901,696	531 271,319	18,382	17,915	74	54	66 857	1 516,036	12 472,346	8,227	7,760
25	5	98 619	27 441,407	502 369,624	18,307	17,840	75	55	64 386	1 387,190	10 956,310	7,898	7,431
26	6	98 554	26 055,638	474 928,217	18,227	17,761	76	56	61 756	1 264,157	9 569,120	7,570	7,103
27	7	98 489	24 739,412	448 872,579	18,144	17,677	77	57	58 963	1 146,770	8 304,963	7,242	6,775
28	8	98 418	23 488,485	424 133,167	18,057	17,590	78	58	55 982	1 034,484	7 158,193	6,920	6,453
29	9	98 351	22 301,797	400 644,682	17,965	17,498	79	59	52 791	926,859	6 123,708	6,607	6,140
30	10	98 280	21 173,962	378 342,884	17,868	17,402	80	60	49 449	824,884	5 196,849	6,300	5,833
31	11	98 210	20 103,478	357 168,923	17,767	17,300	81	61	45 983	728,805	4 371,965	5,999	5,532
32	12	98 132	19 085,532	337 065,445	17,661	17,194	82	62	42 388	638,314	3 643,160	5,707	5,241
33	13	98 052	18 118,734	317 979,912	17,550	17,083	83	63	38 738	554,239	3 004,846	5,422	4,955
34	14	97 969	17 200,267	299 861,179	17,434	16,967	84	64	35 094	477,067	2 450,606	5,137	4,670
35	15	97 880	16 327,565	282 660,911	17,312	16,845	85	65	31 416	405,759	1 973,539	4,864	4,397
36	16	97 786	15 498,145	266 333,347	17,185	16,718	86	66	27 784	340,955	1 567,780	4,598	4,131
37	17	97 685	14 709,844	250 835,202	17,052	16,585	87	67	24 216	282,342	1 226,825	4,345	3,878
38	18	97 576	13 960,596	236 125,358	16,914	16,447	88	68	20 749	229,859	944,483	4,109	3,642
39	19	97 447	13 246,618	222 164,762	16,771	16,305	89	69	17 501	184,197	714,624	3,880	3,413
40	20	97 315	12 568,816	208 918,143	16,622	16,155	90	70	14 418	144,188	530,426	3,679	3,212
41	21	97 168	11 923,900	196 349,327	16,467	16,000	91	71	11 743	111,575	386,238	3,462	2,995
42	22	97 015	11 311,238	184 425,427	16,305	15,838	92	72	9 275	83,734	274,663	3,280	2,813
43	23	96 845	10 728,176	173 114,189	16,136	15,670	93	73	7 163	61,443	190,929	3,107	2,641
44	24	96 650	10 172,539	162 386,013	15,963	15,496	94	74	5 393	43,952	129,487	2,946	2,479
45	25	96 438	9 643,943	152 213,473	15,783	15,317	95	75	3 951	30,592	85,534	2,796	2,329
46	26	96 203	9 140,584	142 569,531	15,597	15,131	96	76	2 811	20,679	54,942	2,657	2,190
47	27	95 943	8 661,109	133 428,947	15,406	14,939	97	77	1 939	13,555	34,263	2,528	2,061
48	28	95 640	8 203,123	124 767,838	15,210	14,743	98	78	1 295	8,603	20,708	2,407	1,940
49	29	95 309	7 766,979	116 564,715	15,008	14,541	99	79	836	5,273	12,105	2,296	1,829
							100	80	520	3,117	6,832	2,192	1,725

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß   5,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$
0							50	29	94 968	7 353,105	108 934,646	14,815	14,348
1							51	30	94 561	6 956,376	101 581,540	14,603	14,136
2							52	31	94 087	6 576,253	94 625,164	14,389	13,922
3							53	32	93 587	6 215,065	88 048,912	14,167	13,700
4							54	33	93 038	5 870,373	81 833,847	13,940	13,473
5							55	34	92 428	5 540,984	75 963,474	13,709	13,243
6							56	35	91 763	5 226,751	70 422,490	13,473	13,007
7							57	36	91 058	4 927,875	65 195,739	13,230	12,763
8							58	37	90 283	4 642,191	60 267,864	12,983	12,516
9							59	38	89 441	4 369,512	55 625,672	12,730	12,264
10							60	39	88 538	4 109,647	51 256,161	12,472	12,005
11							61	40	87 560	3 861,520	47 146,513	12,209	11,743
12							62	41	86 521	3 625,377	43 284,993	11,939	11,473
13							63	42	85 416	3 400,516	39 659,616	11,663	11,196
14							64	43	84 261	3 187,205	36 259,100	11,376	10,910
15							65	44	82 988	2 982,481	33 071,895	11,089	10,622
16							66	45	81 646	2 787,903	30 089,415	10,793	10,326
17							67	46	80 194	2 601,718	27 301,511	10,494	10,027
18							68	47	78 664	2 424,322	24 699,793	10,188	9,722
19							69	48	77 017	2 255,593	22 275,471	9,876	9,409
20							70	49	75 271	2 094,489	20 019,878	9,558	9,092
21	0	99 208	33 875,176	627 849,054	18,534	18,067	71	50	73 405	1 940,703	17 925,389	9,237	8,770
22	1	98 842	32 066,632	593 973,878	18,523	18,056	72	51	71 418	1 793,972	15 984,687	8,910	8,443
23	2	98 763	30 442,881	561 907,246	18,458	17,991	73	52	69 312	1 654,223	14 190,714	8,578	8,112
24	3	98 697	28 904,925	531 464,365	18,387	17,920	74	53	67 058	1 520,607	12 536,491	8,244	7,778
25	4	98 630	27 444,678	502 559,440	18,312	17,845	75	54	64 592	1 391,631	11 015,884	7,916	7,449
26	5	98 564	26 058,272	475 114,762	18,233	17,766	76	55	61 976	1 268,652	9 624,253	7,586	7,119
27	6	98 497	24 741,566	449 056,491	18,150	17,683	77	56	59 186	1 151,113	8 355,601	7,259	6,792
28	7	98 426	23 490,501	424 314,924	18,063	17,596	78	57	56 207	1 038,635	7 204,488	6,936	6,470
29	8	98 359	22 303,440	400 824,423	17,971	17,505	79	58	53 025	930,967	6 165,853	6,623	6,156
30	9	98 287	21 175,422	378 520,983	17,875	17,409	80	59	49 684	828,798	5 234,886	6,316	5,849
31	10	98 217	20 104,905	357 345,561	17,774	17,307	81	60	46 233	732,754	4 406,088	6,013	5,546
32	11	98 140	19 087,059	337 240,656	17,669	17,202	82	61	42 633	642,004	3 673,334	5,722	5,255
33	12	98 060	18 120,192	318 153,597	17,558	17,091	83	62	38 983	557,757	3 031,330	5,435	4,968
34	13	97 977	17 201,808	300 033,404	17,442	16,975	84	63	35 332	480,304	2 473,573	5,150	4,683
35	14	97 891	16 329,334	282 831,596	17,320	16,854	85	64	31 648	408,763	1 993,269	4,876	4,410
36	15	97 798	15 500,095	266 502,262	17,194	16,727	86	65	28 003	343,639	1 584,506	4,611	4,144
37	16	97 700	14 712,108	251 002,167	17,061	16,594	87	66	24 425	284,778	1 240,867	4,357	3,891
38	17	97 592	13 962,837	236 290,059	16,923	16,456	88	67	20 941	231,977	956,089	4,121	3,655
39	18	97 469	13 249,645	222 327,222	16,780	16,313	89	68	17 672	186,004	724,112	3,893	3,426
40	19	97 335	12 571,412	209 077,578	16,631	16,164	90	69	14 573	145,736	538,108	3,692	3,226
41	20	97 190	11 926,548	196 506,165	16,476	16,010	91	70	11 881	112,885	392,372	3,476	3,009
42	21	97 035	11 313,606	184 579,617	16,315	15,848	92	71	9 396	84,827	279,487	3,295	2,828
43	22	96 867	10 730,583	173 266,011	16,147	15,680	93	72	7 269	62,345	194,660	3,122	2,656
44	23	96 672	10 174,865	162 535,428	15,974	15,507	94	73	5 483	44,679	132,315	2,961	2,495
45	24	96 458	9 645,892	152 360,563	15,795	15,329	95	74	4 026	31,172	87,636	2,811	2,345
46	25	96 225	9 142,595	142 714,670	15,610	15,143	96	75	2 873	21,133	56,465	2,672	2,205
47	26	95 966	8 663,159	133 572,075	15,418	14,952	97	76	1 988	13,896	35,332	2,543	2,076
48	27	95 666	8 205,327	124 908,916	15,223	14,756	98	77	1 332	8,848	21,436	2,423	1,956
49	28	95 333	7 768,944	116 703,589	15,022	14,555	99	78	863	5,448	12,588	2,311	1,844
							100	79	540	3,235	7,140	2,207	1,740

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß   5,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	28	94 992	7 354,965	109 059,758	14,828	14,361
1							51	29	94 588	6 958,373	101 704,793	14,616	14,149
2							52	30	94 113	6 578,114	94 746,420	14,403	13,936
3							53	31	93 616	6 216,942	88 168,306	14,182	13,715
4							54	32	93 071	5 872,455	81 951,363	13,955	13,488
5							55	33	92 462	5 543,011	76 078,908	13,725	13,258
6							56	34	91 802	5 228,972	70 535,897	13,489	13,023
7							57	35	91 095	4 929,836	65 306,925	13,247	12,780
8							58	36	90 326	4 644,398	60 377,090	13,000	12,533
9							59	37	89 489	4 371,845	55 732,691	12,748	12,281
10							60	38	88 588	4 111,937	51 360,846	12,491	12,024
11							61	39	87 618	3 864,077	47 248,910	12,228	11,761
12							62	40	86 583	3 627,939	43 384,833	11,959	11,492
13							63	41	85 484	3 403,244	39 756,894	11,682	11,215
14							64	42	84 336	3 190,044	36 353,650	11,396	10,929
15							65	43	83 073	2 985,538	33 163,606	11,108	10,641
16							66	44	81 738	2 791,038	30 178,069	10,812	10,346
17							67	45	80 296	2 605,025	27 387,030	10,513	10,046
18							68	46	78 760	2 427,743	24 782,006	10,208	9,741
19							69	47	77 143	2 259,287	22 354,263	9,894	9,428
20							70	48	75 404	2 098,199	20 094,976	9,577	9,110
21							71	49	73 557	1 944,704	17 996,776	9,254	8,787
22	0	99 154	32 168,047	594 264,156	18,474	18,007	72	50	71 576	1 797,933	16 052,072	8,928	8,461
23	1	98 789	30 450,919	562 096,108	18,459	17,992	73	51	69 482	1 658,281	14 254,139	8,596	8,129
24	2	98 711	28 909,231	531 645,189	18,390	17,923	74	52	67 243	1 524,794	12 595,858	8,261	7,794
25	3	98 641	27 447,745	502 735,958	18,316	17,849	75	53	64 787	1 395,821	11 071,065	7,932	7,465
26	4	98 576	26 061,378	475 288,214	18,237	17,770	76	54	62 174	1 272,714	9 675,238	7,602	7,135
27	5	98 507	24 744,067	449 226,836	18,155	17,688	77	55	59 397	1 155,206	8 402,524	7,274	6,807
28	6	98 435	23 492,547	424 482,768	18,069	17,602	78	56	56 419	1 042,568	7 247,318	6,951	6,485
29	7	98 367	22 305,354	400 990,221	17,977	17,511	79	57	53 238	934,703	6 204,750	6,638	6,171
30	8	98 294	21 176,982	378 684,867	17,882	17,415	80	58	49 904	832,471	5 270,047	6,331	5,864
31	9	98 224	20 106,292	357 507,885	17,781	17,314	81	59	46 452	736,230	4 437,576	6,027	5,561
32	10	98 147	19 088,413	337 401,593	17,676	17,209	82	60	42 864	645,483	3 701,346	5,734	5,267
33	11	98 068	18 121,642	318 313,179	17,565	17,099	83	61	39 209	560,981	3 055,863	5,447	4,981
34	12	97 985	17 203,193	300 191,538	17,450	16,983	84	62	35 557	483,352	2 494,882	5,162	4,695
35	13	97 900	16 330,797	282 988,345	17,329	16,862	85	63	31 863	411,536	2 011,530	4,888	4,421
36	14	97 809	15 501,775	266 657,547	17,202	16,735	86	64	28 210	346,183	1 599,994	4,622	4,155
37	15	97 712	14 713,959	251 155,773	17,069	16,602	87	65	24 617	287,020	1 253,811	4,368	3,902
38	16	97 607	13 964,366	236 441,814	16,931	16,464	88	66	21 121	233,979	966,791	4,132	3,665
39	17	97 485	13 251,771	222 476,828	16,788	16,322	89	67	17 835	187,718	732,812	3,904	3,437
40	18	97 357	12 574,284	209 225,057	16,639	16,172	90	68	14 716	147,165	545,094	3,704	3,237
41	19	97 210	11 929,012	196 650,773	16,485	16,018	91	69	12 008	114,097	397,929	3,488	3,021
42	20	97 057	11 316,118	184 721,761	16,324	15,857	92	70	9 507	85,823	283,832	3,307	2,840
43	21	96 887	10 732,830	173 405,642	16,157	15,690	93	71	7 364	63,159	198,010	3,135	2,668
44	22	96 694	10 177,148	162 672,813	15,984	15,517	94	72	5 563	45,335	134,851	2,975	2,508
45	23	96 480	9 648,098	152 495,665	15,806	15,339	95	73	4 092	31,687	89,516	2,825	2,358
46	24	96 244	9 144,444	142 847,567	15,621	15,154	96	74	2 927	21,534	57,829	2,686	2,219
47	25	95 987	8 665,065	133 703,123	15,430	14,963	97	75	2 032	14,200	36,295	2,556	2,089
48	26	95 688	8 207,269	125 038,058	15,235	14,768	98	76	1 366	9,070	22,095	2,436	1,969
49	27	95 359	7 771,031	116 830,789	15,034	14,567	99	77	888	5,603	13,025	2,325	1,858
							100	78	557	3,342	7,422	2,221	1,754

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß   5,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	27	95 017	7 356,942	109 174,328	14,840	14,373
1							51	28	94 612	6 960,133	101 817,387	14,629	14,162
2							52	29	94 140	6 580,002	94 857,254	14,416	13,949
3							53	30	93 642	6 218,702	88 277,252	14,195	13,729
4							54	31	93 099	5 874,229	82 058,549	13,969	13,502
5							55	32	92 494	5 544,976	76 184,320	13,739	13,273
6							56	33	91 836	5 230,885	70 639,344	13,504	13,037
7							57	34	91 133	4 931,931	65 408,459	13,262	12,795
8							58	35	90 362	4 646,246	60 476,528	13,016	12,549
9							59	36	89 531	4 373,923	55 830,282	12,764	12,298
10							60	37	88 635	4 114,132	51 456,358	12,507	12,040
11							61	38	87 667	3 866,229	47 342,226	12,245	11,778
12							62	39	86 640	3 630,341	43 475,997	11,976	11,509
13							63	40	85 545	3 405,649	39 845,656	11,700	11,233
14							64	41	84 403	3 192,603	36 440,008	11,414	10,947
15							65	42	83 147	2 988,197	33 247,404	11,126	10,659
16							66	43	81 822	2 793,899	30 259,207	10,830	10,364
17							67	44	80 386	2 607,954	27 465,308	10,531	10,065
18							68	45	78 860	2 430,828	24 857,355	10,226	9,759
19							69	46	77 252	2 262,475	22 426,527	9,912	9,446
20							70	47	75 527	2 101,636	20 164,051	9,594	9,128
21							71	48	73 687	1 948,149	18 062,415	9,272	8,805
22							72	49	71 723	1 801,640	16 114,266	8,944	8,477
23	0	99 101	30 547,225	562 365,505	18,410	17,943	73	50	69 635	1 661,942	14 312,626	8,612	8,145
24	1	98 737	28 916,864	531 818,280	18,391	17,924	74	51	67 408	1 528,534	12 650,684	8,276	7,810
25	2	98 656	27 451,833	502 901,416	18,319	17,853	75	52	64 966	1 399,620	11 122,150	7,946	7,479
26	3	98 587	26 064,290	475 449,583	18,241	17,775	76	53	62 362	1 276,552	9 722,480	7,616	7,149
27	4	98 519	24 747,017	449 385,293	18,159	17,692	77	54	59 587	1 158,904	8 445,928	7,288	6,821
28	5	98 445	23 494,922	424 638,276	18,074	17,607	78	55	56 620	1 046,275	7 287,024	6,965	6,498
29	6	98 376	22 307,297	401 143,354	17,983	17,516	79	56	53 439	938,242	6 240,749	6,652	6,185
30	7	98 302	21 178,800	378 836,057	17,888	17,421	80	57	50 104	835,811	5 302,507	6,344	5,877
31	8	98 231	20 107,773	357 657,257	17,787	17,320	81	58	46 658	739,493	4 466,696	6,040	5,573
32	9	98 154	19 089,730	337 549,484	17,682	17,215	82	59	43 068	648,545	3 727,203	5,747	5,280
33	10	98 075	18 122,928	318 459,754	17,572	17,105	83	60	39 421	564,021	3 078,658	5,458	4,992
34	11	97 993	17 204,569	300 336,826	17,457	16,990	84	61	35 762	486,146	2 514,637	5,173	4,706
35	12	97 908	16 332,112	283 132,257	17,336	16,869	85	62	32 065	414,148	2 028,491	4,898	4,431
36	13	97 817	15 503,163	266 800,145	17,209	16,743	86	63	28 402	348,531	1 614,342	4,632	4,165
37	14	97 722	14 715,553	251 296,982	17,077	16,610	87	64	24 799	289,145	1 265,811	4,378	3,911
38	15	97 619	13 966,743	236 581,428	16,939	16,472	88	65	21 288	235,821	976,666	4,142	3,675
39	16	97 500	13 253,811	222 614,686	16,796	16,329	89	66	17 989	189,337	740,845	3,913	3,446
40	17	97 373	12 576,303	209 360,875	16,647	16,180	90	67	14 852	148,521	551,508	3,713	3,247
41	18	97 232	11 931,737	196 784,572	16,493	16,026	91	68	12 126	115,216	402,987	3,498	3,031
42	19	97 077	11 318,456	184 852,835	16,332	15,865	92	69	9 609	86,744	287,771	3,317	2,851
43	20	96 908	10 735,213	173 534,379	16,165	15,698	93	70	7 450	63,900	201,027	3,146	2,679
44	21	96 714	10 179,279	162 799,167	15,993	15,526	94	71	5 636	45,927	137,127	2,986	2,519
45	22	96 501	9 650,263	152 619,888	15,815	15,348	95	72	4 153	32,153	91,200	2,836	2,370
46	23	96 266	9 146,534	142 969,625	15,631	15,164	96	73	2 975	21,889	59,048	2,698	2,231
47	24	96 006	8 666,817	133 823,091	15,441	14,974	97	74	2 070	14,470	37,158	2,568	2,101
48	25	95 710	8 209,075	125 156,274	15,246	14,779	98	75	1 396	9,269	22,689	2,448	1,981
49	26	95 382	7 772,871	116 947,199	15,046	14,579	99	76	910	5,744	13,419	2,336	1,870
							100	77	573	3,437	7,676	2,233	1,766

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß   5,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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24	0	99 050	29 008,318	532 068,349	18,342	17,875
25	1	98 682	27 459,082	503 060,030	18,320	17,854
26	2	98 602	26 068,173	475 600,949	18,245	17,778
27	3	98 530	24 749,782	449 532,776	18,163	17,696
28	4	98 457	23 497,722	424 782,994	18,078	17,611
29	5	98 386	22 309,552	401 285,271	17,987	17,520
30	6	98 311	21 180,644	378 975,719	17,893	17,426
31	7	98 240	20 109,499	357 795,075	17,792	17,326
32	8	98 161	19 091,136	337 685,576	17,688	17,221
33	9	98 082	18 124,178	318 594,440	17,578	17,112
34	10	98 000	17 205,790	300 470,262	17,463	16,997
35	11	97 915	16 333,418	283 264,472	17,343	16,876
36	12	97 825	15 504,412	266 931,054	17,216	16,750
37	13	97 731	14 716,872	251 426,642	17,084	16,617
38	14	97 630	13 968,257	236 709,771	16,946	16,479
39	15	97 512	13 255,478	222 741,514	16,804	16,337
40	16	97 388	12 578,238	209 486,036	16,655	16,188
41	17	97 248	11 933,652	196 907,798	16,500	16,033
42	18	97 099	11 321,042	184 974,145	16,339	15,872
43	19	96 928	10 737,430	173 653,104	16,173	15,706
44	20	96 736	10 181,539	162 915,673	16,001	15,534
45	21	96 522	9 652,283	152 734,135	15,824	15,357
46	22	96 288	9 148,587	143 081,852	15,640	15,173
47	23	96 028	8 668,798	133 933,265	15,450	14,983
48	24	95 729	8 210,735	125 264,467	15,256	14,789
49	25	95 403	7 774,581	117 053,732	15,056	14,589

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
50	26	95 040	7 358,683	109 279,151	14,850	14,384
51	27	94 637	6 962,003	101 920,468	14,640	14,173
52	28	94 164	6 581,667	94 958,465	14,428	13,961
53	29	93 669	6 220,487	88 376,798	14,207	13,741
54	30	93 125	5 875,892	82 156,311	13,982	13,515
55	31	92 522	5 546,652	76 280,419	13,753	13,286
56	32	91 869	5 232,740	70 733,767	13,518	13,051
57	33	91 167	4 933,735	65 501,027	13,276	12,809
58	34	90 400	4 648,221	60 567,293	13,030	12,563
59	35	89 567	4 375,664	55 919,072	12,780	12,313
60	36	88 677	4 116,088	51 543,408	12,522	12,056
61	37	87 714	3 868,293	47 427,320	12,261	11,794
62	38	86 688	3 632,363	43 559,026	11,992	11,525
63	39	85 601	3 407,903	39 926,663	11,716	11,249
64	40	84 463	3 194,860	36 518,760	11,430	10,964
65	41	83 214	2 990,594	33 323,901	11,143	10,676
66	42	81 895	2 796,388	30 333,306	10,847	10,381
67	43	80 468	2 610,627	27 536,918	10,548	10,081
68	44	78 949	2 433,561	24 926,292	10,243	9,776
69	45	77 350	2 265,351	22 492,730	9,929	9,462
70	46	75 634	2 104,601	20 227,380	9,611	9,144
71	47	73 808	1 951,340	18 122,778	9,287	8,821
72	48	71 850	1 804,832	16 171,438	8,960	8,493
73	49	69 779	1 665,369	14 366,606	8,627	8,160
74	50	67 557	1 531,908	12 701,238	8,291	7,824
75	51	65 125	1 403,103	11 169,329	7,960	7,494
76	52	62 533	1 280,066	9 766,226	7,629	7,163
77	53	59 766	1 162,399	8 486,160	7,301	6,834
78	54	56 801	1 049,625	7 323,761	6,978	6,511
79	55	53 629	941,578	6 274,136	6,663	6,197
80	56	50 294	838,976	5 332,558	6,356	5,889
81	57	46 845	742,460	4 493,582	6,052	5,585
82	58	43 259	651,419	3 751,122	5,758	5,292
83	59	39 608	566,697	3 099,702	5,470	5,003
84	60	35 956	488,780	2 533,005	5,182	4,716
85	61	32 251	416,542	2 044,225	4,908	4,441
86	62	28 582	350,744	1 627,683	4,641	4,174
87	63	24 967	291,106	1 276,939	4,387	3,920
88	64	21 445	237,567	985,833	4,150	3,683
89	65	18 130	190,828	748,266	3,921	3,454
90	66	14 980	149,803	557,439	3,721	3,254
91	67	12 238	116,278	407,636	3,506	3,039
92	68	9 703	87,595	291,358	3,326	2,859
93	69	7 530	64,586	203,764	3,155	2,688
94	70	5 702	46,466	139,178	2,995	2,528
95	71	4 207	32,572	92,712	2,846	2,380
96	72	3 019	22,211	60,140	2,708	2,241
97	73	2 104	14,709	37,929	2,579	2,112
98	74	1 422	9,445	23,220	2,458	1,992
99	75	930	5,870	13,775	2,347	1,880
100	76	588	3,524	7,905	2,243	1,777

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß   5,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	25	95 061	7 360,302	109 375,051	14,860	14,393
1							51	26	94 660	6 963,651	102 014,748	14,650	14,183
2							52	27	94 189	6 583,435	95 051,097	14,438	13,971
3							53	28	93 693	6 222,060	88 467,662	14,218	13,752
4							54	29	93 152	5 877,579	82 245,602	13,993	13,526
5							55	30	92 549	5 548,222	76 368,023	13,764	13,298
6							56	31	91 896	5 234,320	70 819,801	13,530	13,063
7							57	32	91 199	4 935,484	65 585,480	13,289	12,822
8							58	33	90 433	4 649,921	60 649,996	13,043	12,576
9							59	34	89 605	4 377,523	56 000,075	12,793	12,326
10							60	35	88 712	4 117,726	51 622,552	12,537	12,070
11							61	36	87 755	3 870,133	47 504,826	12,275	11,808
12							62	37	86 734	3 634,302	43 634,693	12,006	11,540
13							63	38	85 649	3 409,802	40 000,391	11,731	11,264
14							64	39	84 519	3 196,975	36 590,589	11,445	10,979
15							65	40	83 272	2 992,708	33 393,615	11,158	10,692
16							66	41	81 960	2 798,631	30 400,907	10,863	10,396
17							67	42	80 540	2 612,953	27 602,276	10,564	10,097
18							68	43	79 030	2 436,056	24 989,323	10,258	9,791
19							69	44	77 437	2 267,898	22 553,268	9,945	9,478
20							70	45	75 730	2 107,276	20 285,370	9,626	9,160
21							71	46	73 912	1 954,094	18 178,094	9,303	8,836
22							72	47	71 968	1 807,788	16 224,000	8,975	8,508
23							73	48	69 903	1 668,319	14 416,212	8,641	8,174
24							74	49	67 696	1 535,067	12 747,893	8,304	7,838
25	0	98 994	27 545,925	503 292,199	18,271	17,804	75	50	65 269	1 406,201	11 212,826	7,974	7,507
26	1	98 628	26 075,055	475 746,273	18,245	17,778	76	51	62 687	1 283,206	9 806,625	7,642	7,175
27	2	98 545	24 753,469	449 671,218	18,166	17,699	77	52	59 931	1 165,599	8 523,420	7,312	6,846
28	3	98 468	23 500,348	424 917,749	18,081	17,615	78	53	56 973	1 052,790	7 357,821	6,989	6,522
29	4	98 397	22 312,211	401 417,401	17,991	17,524	79	54	53 801	944,592	6 305,031	6,675	6,208
30	5	98 321	21 182,785	379 105,189	17,897	17,430	80	55	50 473	841,959	5 360,438	6,367	5,900
31	6	98 248	20 111,250	357 922,404	17,797	17,330	81	56	47 022	745,272	4 518,479	6,063	5,596
32	7	98 169	19 092,775	337 811,154	17,693	17,226	82	57	43 432	654,033	3 773,207	5,769	5,302
33	8	98 089	18 125,513	318 718,379	17,584	17,117	83	58	39 784	569,208	3 119,174	5,480	5,013
34	9	98 007	17 206,977	300 592,866	17,469	17,002	84	59	36 127	491,099	2 549,965	5,192	4,726
35	10	97 922	16 334,577	283 385,889	17,349	16,882	85	60	32 425	418,799	2 058,866	4,916	4,449
36	11	97 833	15 505,652	267 051,312	17,223	16,756	86	61	28 747	352,771	1 640,067	4,649	4,182
37	12	97 739	14 718,057	251 545,660	17,091	16,624	87	62	25 126	292,954	1 287,296	4,394	3,927
38	13	97 638	13 969,508	236 827,603	16,953	16,486	88	63	21 591	239,178	994,342	4,157	3,691
39	14	97 522	13 256,915	222 858,095	16,811	16,344	89	64	18 265	192,241	755,164	3,928	3,461
40	15	97 400	12 579,820	209 601,180	16,662	16,195	90	65	15 098	150,982	562,923	3,728	3,262
41	16	97 263	11 935,489	197 021,360	16,507	16,040	91	66	12 344	117,281	411,941	3,512	3,046
42	17	97 115	11 322,859	185 085,871	16,346	15,879	92	67	9 793	88,402	294,660	3,333	2,866
43	18	96 951	10 739,883	173 763,012	16,179	15,712	93	68	7 604	65,219	206,258	3,163	2,696
44	19	96 756	10 183,642	163 023,129	16,008	15,542	94	69	5 763	46,965	141,039	3,003	2,536
45	20	96 543	9 654,426	152 839,487	15,831	15,364	95	70	4 256	32,955	94,074	2,855	2,388
46	21	96 308	9 150,502	143 185,061	15,648	15,181	96	71	3 059	22,501	61,120	2,716	2,250
47	22	96 050	8 670,744	134 034,559	15,458	14,991	97	72	2 135	14,925	38,619	2,588	2,121
48	23	95 751	8 212,612	125 363,816	15,265	14,798	98	73	1 446	9,601	23,694	2,468	2,001
49	24	95 422	7 776,153	117 151,203	15,065	14,599	99	74	948	5,981	14,093	2,356	1,890
							100	75	601	3,601	8,112	2,253	1,786

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß   5,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$
0	0	100 000	100 000,000	1 850 795,255	18,508	18,041	50	50	93 336	6 418,359	87 460,047	13,627	13,159
1	1	99 299	94 122,435	1 750 795,255	18,601	18,134	51	51	92 757	6 046,064	81 041,688	13,404	12,937
2	2	99 240	89 162,844	1 656 672,820	18,580	18,113	52	52	92 093	5 689,798	74 995,624	13,181	12,714
3	3	99 207	84 486,007	1 567 509,976	18,553	18,086	53	53	91 380	5 351,443	69 305,827	12,951	12,484
4	4	99 182	80 061,440	1 483 023,970	18,524	18,056	54	54	90 602	5 029,292	63 954,384	12,716	12,249
5	5	99 157	75 868,501	1 402 962,529	18,492	18,025	55	55	89 754	4 722,461	58 925,092	12,478	12,010
6	6	99 136	71 898,234	1 327 094,029	18,458	17,991	56	56	88 831	4 430,227	54 202,631	12,235	11,768
7	7	99 117	68 136,849	1 255 195,795	18,422	17,955	57	57	87 851	4 152,932	49 772,404	11,985	11,518
8	8	99 101	64 573,827	1 187 058,946	18,383	17,916	58	58	86 796	3 889,154	45 619,472	11,730	11,263
9	9	99 085	61 197,814	1 122 485,118	18,342	17,875	59	59	85 653	3 637,860	41 730,318	11,471	11,004
10	10	99 070	57 998,850	1 061 287,305	18,298	17,831	60	60	84 435	3 399,175	38 092,457	11,206	10,739
11	11	99 055	54 966,399	1 003 288,455	18,253	17,786	61	61	83 107	3 171,301	34 693,282	10,940	10,473
12	12	99 038	52 092,215	948 322,057	18,205	17,737	62	62	81 707	2 955,329	31 521,981	10,666	10,199
13	13	99 019	49 367,038	896 229,842	18,154	17,687	63	63	80 218	2 750,219	28 566,652	10,387	9,920
14	14	98 999	46 784,020	846 862,804	18,102	17,634	64	64	78 670	2 556,541	25 816,433	10,098	9,631
15	15	98 974	44 333,581	800 078,784	18,047	17,580	65	65	76 991	2 371,545	23 259,892	9,808	9,341
16	16	98 944	42 009,586	755 745,203	17,990	17,523	66	66	75 240	2 196,767	20 888,348	9,509	9,041
17	17	98 903	39 803,046	713 735,617	17,932	17,464	67	67	73 362	2 030,284	18 691,581	9,206	8,739
18	18	98 853	37 709,172	673 932,571	17,872	17,405	68	68	71 392	1 872,770	16 661,297	8,897	8,429
19	19	98 783	35 717,921	636 223,400	17,812	17,345	69	69	69 345	1 724,239	14 788,527	8,577	8,110
20	20	98 714	33 832,315	600 505,478	17,749	17,282	70	70	67 172	1 583,126	13 064,288	8,252	7,785
21	21	98 639	32 044,181	566 673,163	17,684	17,217	71	71	64 881	1 449,410	11 481,162	7,921	7,454
22	22	98 566	30 350,864	534 628,982	17,615	17,148	72	72	62 449	1 322,351	10 031,752	7,586	7,119
23	23	98 491	28 746,854	504 278,118	17,542	17,075	73	73	59 876	1 201,780	8 709,401	7,247	6,780
24	24	98 417	27 227,733	475 531,264	17,465	16,998	74	74	57 144	1 087,155	7 507,621	6,906	6,439
25	25	98 342	25 788,622	448 303,531	17,384	16,917	75	75	54 182	977,054	6 420,466	6,571	6,104
26	26	98 266	24 425,388	422 514,909	17,298	16,831	76	76	51 034	872,317	5 443,412	6,240	5,773
27	27	98 186	23 133,098	398 089,521	17,209	16,741	77	77	47 712	773,021	4 571,095	5,913	5,446
28	28	98 098	21 907,342	374 956,422	17,116	16,648	78	78	44 221	679,105	3 798,075	5,593	5,126
29	29	98 014	20 747,527	353 049,081	17,016	16,549	79	79	40 542	590,149	3 118,969	5,285	4,818
30	30	97 921	19 647,331	332 301,554	16,913	16,446	80	80	36 771	507,348	2 528,820	4,984	4,517
31	31	97 831	18 605,878	312 654,223	16,804	16,337	81	81	32 943	430,836	2 021,472	4,692	4,225
32	32	97 732	17 617,993	294 048,345	16,690	16,223	82	82	29 089	360,605	1 590,637	4,411	3,944
33	33	97 625	16 681,329	276 430,351	16,571	16,104	83	83	25 277	297,015	1 230,031	4,141	3,674
34	34	97 515	15 793,840	259 749,023	16,446	15,979	84	84	21 610	240,679	933,017	3,877	3,409
35	35	97 396	14 952,236	243 955,183	16,316	15,848	85	85	18 078	190,854	692,337	3,628	3,160
36	36	97 276	14 155,198	229 002,947	16,178	15,711	86	86	14 781	147,907	501,483	3,391	2,923
37	37	97 144	13 399,060	214 847,749	16,035	15,567	87	87	11 769	111,633	353,576	3,167	2,700
38	38	97 000	12 681,708	201 448,689	15,885	15,418	88	88	9 075	81,593	241,943	2,965	2,498
39	39	96 839	12 000,679	188 766,981	15,730	15,263	89	89	6 784	57,814	160,350	2,774	2,306
40	40	96 664	11 354,476	176 766,302	15,568	15,101	90	90	4 850	39,176	102,536	2,617	2,150
41	41	96 472	10 741,139	165 411,826	15,400	14,933	91	91	3 378	25,862	63,360	2,450	1,983
42	42	96 263	10 159,082	154 670,688	15,225	14,758	92	92	2 223	16,130	37,498	2,325	1,858
43	43	96 030	9 606,176	144 511,606	15,044	14,576	93	93	1 412	9,714	21,368	2,200	1,733
44	44	95 760	9 079,837	134 905,430	14,858	14,391	94	94	857	5,586	11,654	2,086	1,619
45	45	95 463	8 579,711	125 825,593	14,665	14,198	95	95	495	3,060	6,068	1,983	1,516
46	46	95 130	8 104,115	117 245,882	14,467	14,000	96	96	272	1,592	3,008	1,890	1,422
47	47	94 761	7 651,828	109 141,766	14,263	13,796	97	97	141	0,785	1,416	1,805	1,337
48	48	94 333	7 220,155	101 489,938	14,056	13,589	98	98	69	0,365	0,631	1,728	1,260
49	49	93 864	6 809,736	94 269,783	13,843	13,376	99	99	32	0,160	0,266	1,658	1,191
							100	100	14	0,066	0,106	1,594	1,127

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß   5,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	1	99 685	99 684,731	1 849 377,863	18,552	18,085	50	51	93 130	6 404,219	86 735,026	13,543	13,076
1	2	99 273	94 097,590	1 749 693,131	18,594	18,127	51	52	92 530	6 031,271	80 330,807	13,319	12,852
2	3	99 226	89 149,564	1 655 595,541	18,571	18,104	52	53	91 840	5 674,177	74 299,536	13,094	12,627
3	4	99 196	84 476,567	1 566 445,977	18,543	18,076	53	54	91 105	5 335,353	68 625,360	12,862	12,395
4	5	99 170	80 051,899	1 481 969,411	18,513	18,045	54	55	90 313	5 013,243	63 290,006	12,625	12,157
5	6	99 147	75 860,832	1 401 917,512	18,480	18,013	55	56	89 436	4 705,728	58 276,763	12,384	11,917
6	7	99 128	71 891,972	1 326 056,680	18,445	17,978	56	57	88 496	4 413,515	53 571,035	12,138	11,671
7	8	99 109	68 131,001	1 254 164,708	18,408	17,941	57	58	87 500	4 136,335	49 157,520	11,884	11,417
8	9	99 093	64 569,072	1 186 033,706	18,368	17,901	58	59	86 413	3 871,994	45 021,185	11,627	11,160
9	10	99 078	61 193,592	1 121 464,635	18,327	17,859	59	60	85 248	3 620,682	41 149,191	11,365	10,898
10	11	99 063	57 994,733	1 060 271,042	18,282	17,815	60	61	83 980	3 380,856	37 528,509	11,100	10,633
11	12	99 047	54 962,003	1 002 276,309	18,236	17,769	61	62	82 629	3 153,077	34 147,653	10,830	10,363
12	13	99 030	52 088,021	947 314,306	18,187	17,720	62	63	81 191	2 936,688	30 994,576	10,554	10,087
13	14	99 010	49 362,615	895 226,285	18,136	17,669	63	64	79 678	2 731,688	28 057,889	10,271	9,804
14	15	98 989	46 778,949	845 863,670	18,082	17,615	64	65	78 092	2 537,752	25 326,200	9,980	9,513
15	16	98 961	44 328,005	799 084,720	18,027	17,559	65	66	76 390	2 353,023	22 788,448	9,685	9,218
16	17	98 928	42 003,122	754 756,716	17,969	17,502	66	67	74 596	2 177,975	20 435,425	9,383	8,916
17	18	98 887	39 796,659	712 753,594	17,910	17,443	67	68	72 692	2 011,742	18 257,450	9,075	8,608
18	19	98 831	37 700,559	672 956,935	17,850	17,383	68	69	70 699	1 854,584	16 245,707	8,760	8,293
19	20	98 763	35 710,544	635 256,377	17,789	17,322	69	70	68 609	1 705,925	14 391,123	8,436	7,969
20	21	98 693	33 824,805	599 545,833	17,725	17,258	70	71	66 392	1 564,754	12 685,198	8,107	7,640
21	22	98 619	32 037,475	565 721,028	17,658	17,191	71	72	64 045	1 430,746	11 120,444	7,772	7,305
22	23	98 543	30 344,055	533 683,553	17,588	17,121	72	73	61 545	1 303,206	9 689,698	7,435	6,968
23	24	98 469	28 740,283	503 339,498	17,513	17,046	73	74	58 903	1 182,238	8 386,492	7,094	6,627
24	25	98 397	27 222,229	474 599,215	17,434	16,967	74	75	56 081	1 066,926	7 204,254	6,752	6,285
25	26	98 321	25 782,949	447 376,986	17,352	16,884	75	76	53 019	956,088	6 137,328	6,419	5,952
26	27	98 243	24 419,607	421 594,037	17,265	16,797	76	77	49 784	850,952	5 181,240	6,089	5,622
27	28	98 160	23 126,884	397 174,429	17,174	16,707	77	78	46 390	751,590	4 330,289	5,762	5,294
28	29	98 073	21 901,802	374 047,545	17,078	16,611	78	79	42 803	657,328	3 578,699	5,444	4,977
29	30	97 986	20 741,574	352 145,744	16,978	16,511	79	80	39 070	568,723	2 921,372	5,137	4,670
30	31	97 894	19 641,770	331 404,170	16,872	16,405	80	81	35 235	486,158	2 352,648	4,839	4,372
31	32	97 801	18 600,259	311 762,399	16,761	16,294	81	82	31 375	410,332	1 866,490	4,549	4,082
32	33	97 697	17 611,748	293 162,140	16,646	16,179	82	83	27 485	340,720	1 456,158	4,274	3,807
33	34	97 589	16 675,229	275 550,392	16,525	16,057	83	84	23 692	278,388	1 115,438	4,007	3,540
34	35	97 474	15 787,131	258 875,163	16,398	15,931	84	85	20 047	223,275	837,050	3,749	3,282
35	36	97 358	14 946,288	243 088,032	16,264	15,797	85	86	16 582	175,060	613,776	3,506	3,039
36	37	97 230	14 148,471	228 141,744	16,125	15,658	86	87	13 388	133,971	438,716	3,275	2,808
37	38	97 092	13 391,909	213 993,273	15,979	15,512	87	88	10 495	99,544	304,744	3,061	2,594
38	39	96 946	12 674,648	200 601,363	15,827	15,360	88	89	7 966	71,615	205,201	2,865	2,398
39	40	96 775	11 992,740	187 926,715	15,670	15,203	89	90	5 824	49,633	133,585	2,691	2,224
40	41	96 596	11 346,457	175 933,976	15,506	15,038	90	91	4 099	33,112	83,953	2,535	2,068
41	42	96 395	10 732,530	164 587,518	15,335	14,868	91	92	2 778	21,267	50,841	2,391	1,923
42	43	96 177	10 150,039	153 854,989	15,158	14,691	92	93	1 802	13,078	29,575	2,261	1,794
43	44	95 932	9 596,340	143 704,949	14,975	14,508	93	94	1 119	7,701	16,497	2,142	1,675
44	45	95 653	9 069,639	134 108,609	14,787	14,319	94	95	663	4,325	8,796	2,034	1,567
45	46	95 341	8 568,822	125 038,971	14,592	14,125	95	96	374	2,310	4,472	1,936	1,469
46	47	94 996	8 092,696	116 470,149	14,392	13,925	96	97	200	1,171	2,162	1,847	1,379
47	48	94 606	7 639,316	108 377,453	14,187	13,720	97	98	101	0,561	0,991	1,766	1,299
48	49	94 166	7 207,387	100 738,137	13,977	13,510	98	99	48	0,254	0,430	1,692	1,225
49	50	93 671	6 795,724	93 530,750	13,763	13,296	99	100	22	0,108	0,176	1,626	1,159

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß   5,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	2	99 658	99 658,418	1 848 181,939	18,545	18,078	50	52	92 902	6 388,550	85 952,374	13,454	12,987
1	3	99 258	94 083,575	1 748 523,521	18,585	18,118	51	53	92 276	6 014,712	79 563,825	13,228	12,761
2	4	99 215	89 139,603	1 654 439,946	18,560	18,093	52	54	91 564	5 657,117	73 549,112	13,001	12,534
3	5	99 184	84 466,499	1 565 300,343	18,532	18,064	53	55	90 815	5 318,327	67 891,995	12,766	12,298
4	6	99 160	80 043,807	1 480 833,844	18,500	18,033	54	56	89 993	4 995,480	62 573,668	12,526	12,059
5	7	99 138	75 854,226	1 400 790,037	18,467	18,000	55	57	89 099	4 687,978	57 578,188	12,282	11,815
6	8	99 119	71 885,802	1 324 935,811	18,431	17,964	56	58	88 142	4 395,876	52 890,210	12,032	11,565
7	9	99 101	68 125,984	1 253 050,010	18,393	17,926	57	59	87 113	4 118,084	48 494,335	11,776	11,309
8	10	99 086	64 564,618	1 184 924,026	18,353	17,885	58	60	86 005	3 853,710	44 376,250	11,515	11,048
9	11	99 071	61 189,249	1 120 359,408	18,310	17,843	59	61	84 789	3 601,169	40 522,540	11,253	10,785
10	12	99 055	57 990,096	1 059 170,159	18,265	17,797	60	62	83 497	3 361,427	36 921,371	10,984	10,517
11	13	99 039	54 957,579	1 001 180,063	18,217	17,750	61	63	82 108	3 133,188	33 559,944	10,711	10,244
12	14	99 021	52 083,355	946 222,485	18,167	17,700	62	64	80 644	2 916,901	30 426,756	10,431	9,964
13	15	99 000	49 357,265	894 139,129	18,116	17,648	63	65	79 092	2 711,612	27 509,855	10,145	9,678
14	16	98 976	46 773,065	844 781,864	18,061	17,594	64	66	77 482	2 517,932	24 798,243	9,849	9,381
15	17	98 946	44 321,184	798 008,799	18,005	17,538	65	67	75 736	2 332,895	22 280,310	9,550	9,083
16	18	98 913	41 996,381	753 687,615	17,946	17,479	66	68	73 915	2 158,085	19 947,416	9,243	8,776
17	19	98 864	39 787,569	711 691,234	17,887	17,420	67	69	71 986	1 992,207	17 789,330	8,929	8,462
18	20	98 810	37 692,772	671 903,666	17,826	17,359	68	70	69 948	1 834,886	15 797,123	8,609	8,142
19	21	98 741	35 702,617	634 210,894	17,764	17,297	69	71	67 813	1 686,128	13 962,237	8,281	7,813
20	22	98 672	33 817,726	598 508,277	17,698	17,231	70	72	65 537	1 544,605	12 276,109	7,948	7,481
21	23	98 597	32 030,288	564 690,551	17,630	17,163	71	73	63 118	1 410,032	10 731,505	7,611	7,144
22	24	98 521	30 337,119	532 660,264	17,558	17,091	72	74	60 544	1 282,015	9 321,473	7,271	6,804
23	25	98 449	28 734,474	502 323,144	17,482	17,014	73	75	57 807	1 160,239	8 039,458	6,929	6,462
24	26	98 376	27 216,241	473 588,671	17,401	16,934	74	76	54 878	1 044,032	6 879,219	6,589	6,122
25	27	98 297	25 776,847	446 372,430	17,317	16,850	75	77	51 721	932,671	5 835,187	6,256	5,789
26	28	98 217	24 413,047	420 595,583	17,228	16,761	76	78	48 404	827,360	4 902,516	5,925	5,458
27	29	98 135	23 121,036	396 182,536	17,135	16,668	77	79	44 902	727,488	4 075,156	5,602	5,134
28	30	98 045	21 895,518	373 061,500	17,038	16,571	78	80	41 249	633,463	3 347,669	5,285	4,818
29	31	97 958	20 735,703	351 165,982	16,935	16,468	79	81	37 438	544,970	2 714,206	4,980	4,513
30	32	97 864	19 635,838	330 430,279	16,828	16,361	80	82	33 558	463,021	2 169,236	4,685	4,218
31	33	97 767	18 593,666	310 794,441	16,715	16,248	81	83	29 645	387,705	1 706,215	4,401	3,934
32	34	97 661	17 605,309	292 200,775	16,597	16,130	82	84	25 762	319,353	1 318,510	4,129	3,662
33	35	97 548	16 668,146	274 595,467	16,474	16,007	83	85	21 979	258,256	999,157	3,869	3,402
34	36	97 435	15 780,851	257 927,320	16,344	15,877	84	86	18 388	204,798	740,901	3,618	3,151
35	37	97 311	14 939,186	242 146,469	16,209	15,742	85	87	15 020	158,565	536,103	3,381	2,914
36	38	97 178	14 140,920	227 207,283	16,067	15,600	86	88	11 938	119,463	377,538	3,160	2,693
37	39	97 038	13 384,454	213 066,363	15,919	15,452	87	89	9 211	87,371	258,075	2,954	2,487
38	40	96 882	12 666,263	199 681,909	15,765	15,298	88	90	6 838	61,481	170,704	2,777	2,309
39	41	96 707	11 984,270	187 015,646	15,605	15,138	89	91	4 923	41,950	109,223	2,604	2,136
40	42	96 518	11 337,363	175 031,376	15,438	14,971	90	92	3 371	27,228	67,273	2,471	2,004
41	43	96 309	10 722,977	163 694,013	15,266	14,799	91	93	2 252	17,242	40,045	2,322	1,855
42	44	96 078	10 139,646	152 971,036	15,086	14,619	92	94	1 429	10,367	22,803	2,200	1,732
43	45	95 824	9 585,562	142 831,390	14,901	14,433	93	95	867	5,961	12,436	2,086	1,619
44	46	95 532	9 058,127	133 245,828	14,710	14,243	94	96	501	3,265	6,474	1,983	1,516
45	47	95 207	8 556,747	124 187,701	14,513	14,046	95	97	275	1,699	3,210	1,890	1,422
46	48	94 841	8 079,463	115 630,954	14,312	13,845	96	98	143	0,837	1,511	1,805	1,338
47	49	94 439	7 625,807	107 551,490	14,104	13,636	97	99	70	0,390	0,674	1,728	1,261
48	50	93 973	7 192,557	99 925,684	13,893	13,426	98	100	33	0,171	0,284	1,658	1,191
49	51	93 465	6 780,753	92 733,127	13,676	13,209							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß   5,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	3	99 644	99 643,575	1 846 913,468	18,535	18,068	50	53	92 647	6 371,011	85 109,182	13,359	12,892
1	4	99 247	94 073,063	1 747 269,894	18,574	18,106	51	54	91 999	5 996,629	78 738,171	13,130	12,663
2	5	99 203	89 128,979	1 653 196,831	18,548	18,081	52	55	91 271	5 639,064	72 741,542	12,900	12,432
3	6	99 174	84 457,961	1 564 067,852	18,519	18,052	53	56	90 493	5 299,483	67 102,478	12,662	12,195
4	7	99 152	80 036,837	1 479 609,890	18,487	18,019	54	57	89 654	4 976,636	61 802,995	12,419	11,951
5	8	99 130	75 847,715	1 399 573,054	18,452	17,985	55	58	88 742	4 669,242	56 826,359	12,170	11,703
6	9	99 112	71 880,508	1 323 725,339	18,416	17,948	56	59	87 753	4 376,480	52 157,117	11,918	11,450
7	10	99 095	68 121,284	1 251 844,831	18,377	17,910	57	60	86 702	4 098,639	47 780,637	11,658	11,190
8	11	99 079	64 560,035	1 183 723,547	18,335	17,868	58	61	85 541	3 832,941	43 681,998	11,396	10,929
9	12	99 063	61 184,356	1 119 163,511	18,292	17,824	59	62	84 302	3 580,474	39 849,057	11,130	10,662
10	13	99 047	57 985,427	1 057 979,155	18,246	17,778	60	63	82 970	3 340,225	36 268,583	10,858	10,391
11	14	99 030	54 952,656	999 993,728	18,197	17,730	61	64	81 555	3 112,077	32 928,358	10,581	10,114
12	15	99 011	52 077,710	945 041,072	18,147	17,680	62	65	80 052	2 895,463	29 816,281	10,298	9,830
13	16	98 987	49 351,056	892 963,362	18,094	17,627	63	66	78 474	2 690,435	26 920,818	10,006	9,539
14	17	98 961	46 765,868	843 612,305	18,039	17,572	64	67	76 819	2 496,393	24 230,383	9,706	9,239
15	18	98 930	44 314,071	796 846,437	17,982	17,515	65	68	75 045	2 311,590	21 733,990	9,402	8,935
16	19	98 890	41 986,789	752 532,366	17,923	17,456	66	69	73 197	2 137,129	19 422,400	9,088	8,621
17	20	98 844	39 779,351	710 545,577	17,862	17,395	67	70	71 222	1 971,047	17 285,271	8,770	8,302
18	21	98 788	37 684,404	670 766,226	17,800	17,332	68	71	69 136	1 813,592	15 314,224	8,444	7,977
19	22	98 720	35 695,144	633 081,822	17,736	17,269	69	72	66 939	1 664,415	13 500,631	8,111	7,644
20	23	98 650	33 810,139	597 386,677	17,669	17,202	70	73	64 589	1 522,242	11 836,216	7,776	7,308
21	24	98 574	32 022,966	563 576,538	17,599	17,132	71	74	62 092	1 387,103	10 313,974	7,436	6,968
22	25	98 501	30 330,987	531 553,572	17,525	17,058	72	75	59 417	1 258,159	8 926,871	7,095	6,628
23	26	98 427	28 728,153	501 222,585	17,447	16,980	73	76	56 566	1 135,343	7 668,711	6,755	6,287
24	27	98 352	27 209,800	472 494,432	17,365	16,898	74	77	53 534	1 018,460	6 533,368	6,415	5,948
25	28	98 271	25 769,922	445 284,633	17,279	16,812	75	78	50 287	906,814	5 514,908	6,082	5,614
26	29	98 192	24 406,874	419 514,710	17,188	16,721	76	79	46 852	800,828	4 608,094	5,754	5,287
27	30	98 107	23 114,402	395 107,837	17,094	16,626	77	80	43 272	701,075	3 807,266	5,431	4,963
28	31	98 017	21 889,321	371 993,435	16,994	16,527	78	81	39 526	607,006	3 106,191	5,117	4,650
29	32	97 928	20 729,441	350 104,114	16,889	16,422	79	82	35 657	519,035	2 499,185	4,815	4,348
30	33	97 829	19 628,878	329 374,674	16,780	16,313	80	83	31 708	437,488	1 980,150	4,526	4,059
31	34	97 731	18 586,867	309 745,796	16,665	16,198	81	84	27 786	363,391	1 542,662	4,245	3,778
32	35	97 620	17 597,830	291 158,929	16,545	16,078	82	85	23 899	296,258	1 179,271	3,981	3,513
33	36	97 509	16 661,516	273 561,098	16,419	15,952	83	86	20 160	236,885	883,012	3,728	3,260
34	37	97 388	15 773,352	256 899,582	16,287	15,820	84	87	16 655	185,501	646,128	3,483	3,016
35	38	97 259	14 931,213	241 126,230	16,149	15,682	85	88	13 393	141,394	460,627	3,258	2,791
36	39	97 124	14 133,048	226 195,017	16,005	15,538	86	89	10 478	104,854	319,233	3,045	2,577
37	40	96 974	13 375,599	212 061,969	15,854	15,387	87	90	7 908	75,006	214,378	2,858	2,391
38	41	96 813	12 657,318	198 686,370	15,697	15,230	88	91	5 780	51,964	139,372	2,682	2,215
39	42	96 629	11 974,665	186 029,052	15,535	15,068	89	92	4 048	34,496	87,408	2,534	2,067
40	43	96 433	11 327,272	174 054,387	15,366	14,899	90	93	2 733	22,076	52,912	2,397	1,930
41	44	96 210	10 711,997	162 727,115	15,191	14,724	91	94	1 785	13,669	30,836	2,256	1,789
42	45	95 971	10 128,258	152 015,118	15,009	14,542	92	95	1 106	8,026	17,168	2,139	1,672
43	46	95 702	9 573,396	141 886,860	14,821	14,354	93	96	654	4,500	9,142	2,031	1,564
44	47	95 397	9 045,363	132 313,465	14,628	14,161	94	97	368	2,401	4,642	1,934	1,466
45	48	95 051	8 542,756	123 268,101	14,430	13,962	95	98	197	1,215	2,241	1,845	1,378
46	49	94 673	8 065,175	114 725,346	14,225	13,758	96	99	99	0,582	1,026	1,764	1,297
47	50	94 245	7 610,115	106 660,170	14,016	13,548	97	100	47	0,263	0,445	1,691	1,224
48	51	93 766	7 176,712	99 050,055	13,802	13,334							
49	52	93 236	6 764,161	91 873,343	13,582	13,115							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß   5,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	4	99 632	99 632,441	1 845 555,110	18,524	18,056	50	54	92 368	6 351,856	84 202,873	13,256	12,789
1	5	99 235	94 061,851	1 745 922,669	18,561	18,094	51	55	91 705	5 977,492	77 851,017	13,024	12,557
2	6	99 193	89 119,970	1 651 860,818	18,535	18,068	52	56	90 948	5 619,084	71 873,524	12,791	12,324
3	7	99 165	84 450,606	1 562 740,847	18,505	18,038	53	57	90 151	5 279,492	66 254,440	12,549	12,082
4	8	99 143	80 029,967	1 478 290,241	18,472	18,005	54	58	89 295	4 956,747	60 974,948	12,301	11,834
5	9	99 123	75 842,129	1 398 260,274	18,436	17,969	55	59	88 351	4 648,640	56 018,201	12,050	11,583
6	10	99 105	71 875,549	1 322 418,145	18,399	17,932	56	60	87 339	4 355,814	51 369,561	11,793	11,326
7	11	99 088	68 116,450	1 250 542,596	18,359	17,892	57	61	86 235	4 076,550	47 013,747	11,533	11,066
8	12	99 071	64 554,873	1 182 426,146	18,317	17,849	58	62	85 050	3 810,915	42 937,198	11,267	10,800
9	13	99 055	61 179,431	1 117 871,273	18,272	17,805	59	63	83 770	3 557,890	39 126,283	10,997	10,530
10	14	99 039	57 980,233	1 056 691,843	18,225	17,758	60	64	82 411	3 317,719	35 568,393	10,721	10,254
11	15	99 019	54 946,700	998 711,609	18,176	17,709	61	65	80 956	3 089,205	32 250,675	10,440	9,973
12	16	98 998	52 071,159	943 764,910	18,125	17,657	62	66	79 427	2 872,850	29 161,470	10,151	9,684
13	17	98 972	49 343,463	891 693,750	18,071	17,604	63	67	77 803	2 667,420	26 288,620	9,855	9,388
14	18	98 945	46 758,363	842 350,288	18,015	17,548	64	68	76 118	2 473,595	23 621,200	9,549	9,082
15	19	98 908	44 303,949	795 591,924	17,958	17,490	65	69	74 316	2 289,143	21 147,604	9,238	8,771
16	20	98 869	41 978,117	751 287,975	17,897	17,430	66	70	72 420	2 114,430	18 858,461	8,919	8,452
17	21	98 822	39 770,520	709 309,858	17,835	17,368	67	71	70 395	1 948,173	16 744,032	8,595	8,128
18	22	98 768	37 676,518	669 539,338	17,771	17,304	68	72	68 246	1 790,238	14 795,858	8,265	7,798
19	23	98 698	35 687,137	631 862,820	17,706	17,238	69	73	65 970	1 640,318	13 005,620	7,929	7,462
20	24	98 627	33 802,411	596 175,683	17,637	17,170	70	74	63 538	1 497,489	11 365,301	7,590	7,122
21	25	98 554	32 016,493	562 373,272	17,565	17,098	71	75	60 936	1 361,293	9 867,812	7,249	6,782
22	26	98 479	30 324,315	530 356,779	17,489	17,022	72	76	58 142	1 231,162	8 506,520	6,909	6,442
23	27	98 404	28 721,354	500 032,464	17,410	16,943	73	77	55 181	1 107,535	7 275,358	6,569	6,102
24	28	98 326	27 202,490	471 311,111	17,326	16,859	74	78	52 049	990,225	6 167,823	6,229	5,762
25	29	98 246	25 763,406	444 108,621	17,238	16,771	75	79	48 674	877,734	5 177,598	5,899	5,432
26	30	98 164	24 399,871	418 345,215	17,145	16,678	76	80	45 151	771,753	4 299,864	5,572	5,104
27	31	98 079	23 107,860	393 945,344	17,048	16,581	77	81	41 464	671,795	3 528,111	5,252	4,785
28	32	97 987	21 882,710	370 837,485	16,947	16,479	78	82	37 645	578,118	2 856,316	4,941	4,474
29	33	97 894	20 722,093	348 954,775	16,840	16,373	79	83	33 690	490,413	2 278,198	4,645	4,178
30	34	97 794	19 621,701	328 232,682	16,728	16,261	80	84	29 719	410,053	1 787,785	4,360	3,893
31	35	97 690	18 578,972	308 610,982	16,611	16,144	81	85	25 776	337,112	1 377,732	4,087	3,620
32	36	97 581	17 590,831	290 032,010	16,488	16,020	82	86	21 921	271,742	1 040,620	3,829	3,362
33	37	97 463	16 653,599	272 441,179	16,359	15,892	83	87	18 260	214,565	768,878	3,583	3,116
34	38	97 337	15 764,934	255 787,580	16,225	15,758	84	88	14 852	165,413	554,314	3,351	2,884
35	39	97 205	14 922,901	240 022,646	16,084	15,617	85	89	11 756	124,103	388,901	3,134	2,666
36	40	97 059	14 123,698	225 099,746	15,938	15,471	86	90	8 996	90,016	264,797	2,942	2,474
37	41	96 905	13 366,153	210 976,048	15,784	15,317	87	91	6 684	63,396	174,782	2,757	2,290
38	42	96 736	12 647,173	197 609,895	15,625	15,158	88	92	4 753	42,730	111,386	2,607	2,140
39	43	96 543	11 964,006	184 962,722	15,460	14,993	89	93	3 282	27,968	68,656	2,455	1,988
40	44	96 334	11 315,673	172 998,715	15,288	14,821	90	94	2 167	17,501	40,687	2,325	1,858
41	45	96 102	10 699,966	161 683,042	15,111	14,643	91	95	1 382	10,581	23,187	2,191	1,724
42	46	95 849	10 115,403	150 983,076	14,926	14,459	92	96	835	6,059	12,605	2,081	1,613
43	47	95 567	9 559,906	140 867,673	14,735	14,268	93	97	481	3,309	6,547	1,978	1,511
44	48	95 241	9 030,573	131 307,768	14,540	14,073	94	98	263	1,717	3,237	1,886	1,418
45	49	94 883	8 527,649	122 277,195	14,339	13,872	95	99	137	0,844	1,520	1,801	1,334
46	50	94 478	8 048,580	113 749,546	14,133	13,666	96	100	67	0,392	0,676	1,725	1,258
47	51	94 037	7 593,350	105 700,966	13,920	13,453							
48	52	93 536	7 159,152	98 107,616	13,704	13,237							
49	53	92 980	6 745,591	90 948,464	13,483	13,015							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß   5,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	5	99 621	99 620,567	1 844 096,881	18,511	18,044	50	55	92 074	6 331,586	83 230,606	13,145	12,678
1	6	99 225	94 052,344	1 744 476,314	18,548	18,081	51	56	91 380	5 956,313	76 899,020	12,911	12,443
2	7	99 184	89 112,209	1 650 423,970	18,521	18,054	52	57	90 605	5 597,888	70 942,707	12,673	12,206
3	8	99 157	84 443,358	1 561 311,761	18,489	18,022	53	58	89 791	5 258,393	65 344,819	12,427	11,960
4	9	99 136	80 024,073	1 476 868,403	18,455	17,988	54	59	88 901	4 934,876	60 086,426	12,176	11,709
5	10	99 116	75 836,897	1 396 844,330	18,419	17,952	55	60	87 934	4 626,689	55 151,550	11,920	11,453
6	11	99 098	71 870,448	1 321 007,432	18,380	17,913	56	61	86 868	4 332,339	50 524,862	11,662	11,195
7	12	99 080	68 111,003	1 249 136,984	18,340	17,873	57	62	85 739	4 053,123	46 192,523	11,397	10,930
8	13	99 064	64 549,676	1 181 025,982	18,296	17,829	58	63	84 513	3 786,877	42 139,400	11,128	10,661
9	14	99 046	61 173,950	1 116 476,306	18,251	17,784	59	64	83 205	3 533,917	38 352,523	10,853	10,386
10	15	99 028	57 973,949	1 055 302,355	18,203	17,736	60	65	81 806	3 293,335	34 818,606	10,572	10,105
11	16	99 007	54 939,788	997 328,406	18,153	17,686	61	66	80 323	3 065,079	31 525,271	10,285	9,818
12	17	98 983	52 063,147	942 388,618	18,101	17,634	62	67	78 747	2 848,275	28 460,192	9,992	9,525
13	18	98 956	49 335,544	890 325,472	18,046	17,579	63	68	77 092	2 643,060	25 611,917	9,690	9,223
14	19	98 922	46 747,683	840 989,927	17,990	17,523	64	69	75 379	2 449,575	22 968,856	9,377	8,909
15	20	98 887	44 294,799	794 242,244	17,931	17,464	65	70	73 527	2 264,829	20 519,281	9,060	8,593
16	21	98 848	41 968,798	749 947,445	17,869	17,402	66	71	71 579	2 089,892	18 254,452	8,735	8,267
17	22	98 801	39 762,197	707 978,647	17,805	17,338	67	72	69 489	1 923,086	16 164,560	8,406	7,938
18	23	98 746	37 668,066	668 216,450	17,740	17,272	68	73	67 258	1 764,320	14 241,474	8,072	7,605
19	24	98 675	35 678,979	630 548,384	17,673	17,206	69	74	64 897	1 613,645	12 477,154	7,732	7,265
20	25	98 607	33 795,578	594 869,405	17,602	17,135	70	75	62 356	1 469,624	10 863,509	7,392	6,925
21	26	98 533	32 009,450	561 073,827	17,528	17,061	71	76	59 629	1 332,082	9 393,885	7,052	6,585
22	27	98 456	30 317,138	529 064,376	17,451	16,984	72	77	56 718	1 201,007	8 061,803	6,713	6,245
23	28	98 377	28 713,638	498 747,238	17,370	16,903	73	78	53 651	1 076,830	6 860,795	6,371	5,904
24	29	98 301	27 195,611	470 033,601	17,283	16,816	74	79	50 380	958,470	5 783,965	6,035	5,567
25	30	98 218	25 756,014	442 837,990	17,194	16,726	75	80	46 907	845,867	4 825,495	5,705	5,238
26	31	98 136	24 392,965	417 081,976	17,098	16,631	76	81	43 265	739,520	3 979,628	5,381	4,914
27	32	98 049	23 100,880	392 689,011	16,999	16,532	77	82	39 491	639,824	3 240,108	5,064	4,597
28	33	97 953	21 874,953	369 588,130	16,895	16,428	78	83	35 569	546,238	2 600,284	4,760	4,293
29	34	97 858	20 714,516	347 713,178	16,786	16,319	79	84	31 578	459,659	2 054,046	4,469	4,001
30	35	97 752	19 613,366	326 998,662	16,672	16,205	80	85	27 570	380,400	1 594,387	4,191	3,724
31	36	97 651	18 571,582	307 385,296	16,551	16,084	81	86	23 643	309,215	1 213,988	3,926	3,459
32	37	97 535	17 582,471	288 813,714	16,426	15,959	82	87	19 855	246,137	904,773	3,676	3,209
33	38	97 411	16 644,711	271 231,243	16,295	15,828	83	88	16 283	191,329	658,636	3,442	2,975
34	39	97 282	15 756,158	254 586,532	16,158	15,691	84	89	13 036	145,185	467,306	3,219	2,752
35	40	97 141	14 913,028	238 830,374	16,015	15,548	85	90	10 092	106,541	322,122	3,023	2,556
36	41	96 991	14 113,724	223 917,346	15,865	15,398	86	91	7 603	76,082	215,581	2,834	2,366
37	42	96 828	13 355,440	209 803,622	15,709	15,242	87	92	5 496	52,131	139,499	2,676	2,209
38	43	96 650	12 635,916	196 448,182	15,547	15,080	88	93	3 853	34,645	87,368	2,522	2,055
39	44	96 445	11 951,756	183 812,266	15,380	14,912	89	94	2 602	22,172	52,723	2,378	1,911
40	45	96 226	11 302,964	171 860,510	15,205	14,738	90	95	1 677	13,548	30,552	2,255	1,788
41	46	95 980	10 686,385	160 557,546	15,024	14,557	91	96	1 043	7,988	17,004	2,129	1,661
42	47	95 714	10 101,149	149 871,161	14,837	14,370	92	97	614	4,455	9,016	2,024	1,557
43	48	95 411	9 544,274	139 770,012	14,644	14,177	93	98	344	2,367	4,561	1,927	1,460
44	49	95 072	9 014,603	130 225,738	14,446	13,979	94	99	183	1,193	2,194	1,839	1,372
45	50	94 688	8 510,102	121 211,135	14,243	13,776	95	100	92	0,569	1,001	1,759	1,292
46	51	94 270	8 030,849	112 701,033	14,034	13,566							
47	52	93 807	7 574,771	104 670,184	13,818	13,351							
48	53	93 279	7 139,497	97 095,413	13,600	13,133							
49	54	92 701	6 725,310	89 955,916	13,376	12,909							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß   5,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	6	99 610	99 610,498	1 842 533,108	18,497	18,030	50	56	91 747	6 309,152	82 189,012	13,027	12,560
1	7	99 217	94 044,153	1 742 922,610	18,533	18,066	51	57	91 036	5 933,845	75 879,860	12,788	12,320
2	8	99 176	89 104,561	1 648 878,457	18,505	18,038	52	58	90 243	5 575,515	69 946,016	12,545	12,078
3	9	99 150	84 437,139	1 559 773,896	18,473	18,005	53	59	89 395	5 235,191	64 370,500	12,296	11,829
4	10	99 129	80 018,553	1 475 336,757	18,437	17,970	54	60	88 482	4 911,573	59 135,309	12,040	11,573
5	11	99 109	75 831,515	1 395 318,204	18,400	17,933	55	61	87 460	4 601,754	54 223,736	11,783	11,316
6	12	99 090	71 864,701	1 319 486,689	18,361	17,894	56	62	86 369	4 307,442	49 621,982	11,520	11,053
7	13	99 072	68 105,520	1 247 621,988	18,319	17,852	57	63	85 198	4 027,557	45 314,540	11,251	10,784
8	14	99 055	64 543,894	1 179 516,469	18,275	17,807	58	64	83 944	3 761,361	41 286,983	10,977	10,509
9	15	99 036	61 167,320	1 114 972,575	18,228	17,761	59	65	82 594	3 507,945	37 525,621	10,697	10,230
10	16	99 015	57 966,656	1 053 805,255	18,180	17,712	60	66	81 167	3 267,615	34 017,676	10,411	9,943
11	17	98 991	54 931,334	995 838,598	18,129	17,662	61	67	79 636	3 038,859	30 750,062	10,119	9,652
12	18	98 967	52 054,792	940 907,264	18,075	17,608	62	68	78 028	2 822,264	27 711,202	9,819	9,352
13	19	98 933	49 324,276	888 852,472	18,021	17,553	63	69	76 344	2 617,395	24 888,939	9,509	9,042
14	20	98 902	46 738,028	839 528,196	17,962	17,495	64	70	74 578	2 423,557	22 271,544	9,190	8,722
15	21	98 865	44 284,966	792 790,168	17,902	17,435	65	71	72 673	2 238,546	19 847,987	8,866	8,399
16	22	98 827	41 960,014	748 505,202	17,839	17,371	66	72	70 657	2 062,980	17 609,441	8,536	8,069
17	23	98 779	39 753,277	706 545,188	17,773	17,306	67	73	68 483	1 895,245	15 546,461	8,203	7,736
18	24	98 723	37 659,455	666 791,911	17,706	17,239	68	74	66 164	1 735,630	13 651,216	7,865	7,398
19	25	98 656	35 671,767	629 132,455	17,637	17,170	69	75	63 690	1 583,619	11 915,586	7,524	7,057
20	26	98 586	33 788,144	593 460,688	17,564	17,097	70	76	61 018	1 438,089	10 331,967	7,185	6,717
21	27	98 509	32 001,875	559 672,544	17,489	17,022	71	77	58 168	1 299,456	8 893,878	6,844	6,377
22	28	98 430	30 308,993	527 670,669	17,410	16,943	72	78	55 146	1 167,711	7 594,422	6,504	6,036
23	29	98 352	28 706,377	497 361,676	17,326	16,859	73	79	51 930	1 042,298	6 426,712	6,166	5,699
24	30	98 273	27 187,808	468 655,299	17,238	16,771	74	80	48 551	923,672	5 384,413	5,829	5,362
25	31	98 190	25 748,724	441 467,491	17,145	16,678	75	81	44 948	810,539	4 460,741	5,503	5,036
26	32	98 106	24 385,598	415 718,767	17,048	16,581	76	82	41 206	704,326	3 650,203	5,183	4,715
27	33	98 015	23 092,692	391 333,169	16,946	16,479	77	83	37 313	604,541	2 945,876	4,873	4,406
28	34	97 917	21 866,954	368 240,478	16,840	16,373	78	84	33 339	511,983	2 341,335	4,573	4,106
29	35	97 816	20 705,717	346 373,523	16,728	16,261	79	85	29 294	426,418	1 829,353	4,290	3,823
30	36	97 713	19 605,564	325 667,806	16,611	16,144	80	86	25 288	348,920	1 402,935	4,021	3,554
31	37	97 604	18 562,757	306 062,242	16,488	16,021	81	87	21 416	280,080	1 054,015	3,763	3,296
32	38	97 483	17 573,088	287 499,485	16,360	15,893	82	88	17 705	219,483	773,935	3,526	3,059
33	39	97 357	16 635,444	269 926,397	16,226	15,759	83	89	14 292	167,932	554,452	3,302	2,834
34	40	97 218	15 745,734	253 290,953	16,086	15,619	84	90	11 191	124,639	386,520	3,101	2,634
35	41	97 072	14 902,496	237 545,219	15,940	15,473	85	91	8 530	90,049	261,881	2,908	2,441
36	42	96 913	14 102,411	222 642,722	15,788	15,320	86	92	6 252	62,563	171,833	2,747	2,279
37	43	96 741	13 343,553	208 540,311	15,629	15,161	87	93	4 456	42,267	109,270	2,585	2,118
38	44	96 551	12 622,977	195 196,758	15,464	14,996	88	94	3 055	27,464	67,003	2,440	1,972
39	45	96 336	11 938,332	182 573,781	15,293	14,826	89	95	2 014	17,164	39,539	2,304	1,836
40	46	96 103	11 288,618	170 635,449	15,116	14,649	90	96	1 266	10,228	22,375	2,188	1,721
41	47	95 845	10 671,327	159 346,831	14,932	14,465	91	97	767	5,874	12,148	2,068	1,601
42	48	95 557	10 084,633	148 675,504	14,743	14,276	92	98	439	3,186	6,274	1,969	1,502
43	49	95 242	9 527,396	138 590,871	14,547	14,079	93	99	239	1,644	3,087	1,877	1,410
44	50	94 877	8 996,054	129 063,476	14,347	13,879	94	100	123	0,804	1,443	1,794	1,327
45	51	94 480	8 491,354	120 067,421	14,140	13,673							
46	52	94 040	8 011,199	111 576,067	13,928	13,460							
47	53	93 549	7 553,975	103 564,868	13,710	13,243							
48	54	92 999	7 118,032	96 010,893	13,488	13,021							
49	55	92 405	6 703,848	88 892,861	13,260	12,793							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß   5,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	7	99 602	99 601,823	1 840 855,280	18,482	18,015	50	57	91 401	6 285,352	81 075,812	12,899	12,432
1	8	99 208	94 036,081	1 741 253,457	18,517	18,050	51	58	90 672	5 910,130	74 790,460	12,655	12,187
2	9	99 168	89 097,999	1 647 217,375	18,488	18,021	52	59	89 845	5 550,914	68 880,330	12,409	11,942
3	10	99 143	84 431,314	1 558 119,377	18,454	17,987	53	60	88 973	5 210,470	63 329,415	12,154	11,687
4	11	99 122	80 012,874	1 473 688,062	18,418	17,951	54	61	88 005	4 885,103	58 118,945	11,897	11,430
5	12	99 101	75 825,451	1 393 675,188	18,380	17,913	55	62	86 957	4 575,309	53 233,842	11,635	11,168
6	13	99 082	71 858,916	1 317 849,737	18,339	17,872	56	63	85 824	4 280,273	48 658,533	11,368	10,901
7	14	99 063	68 099,419	1 245 990,821	18,297	17,829	57	64	84 624	4 000,420	44 378,261	11,093	10,626
8	15	99 044	64 536,898	1 177 891,402	18,251	17,784	58	65	83 327	3 733,717	40 377,841	10,814	10,347
9	16	99 023	61 159,626	1 113 354,504	18,204	17,737	59	66	81 949	3 480,549	36 644,123	10,528	10,061
10	17	99 000	57 957,737	1 052 194,878	18,155	17,687	60	67	80 472	3 239,663	33 163,575	10,237	9,770
11	18	98 975	54 922,519	994 237,141	18,103	17,635	61	68	78 909	3 011,108	29 923,912	9,938	9,471
12	19	98 944	52 042,902	939 314,622	18,049	17,582	62	69	77 270	2 794,858	26 912,804	9,629	9,162
13	20	98 913	49 314,088	887 271,720	17,992	17,525	63	70	75 533	2 589,594	24 117,947	9,313	8,846
14	21	98 880	46 727,653	837 957,632	17,933	17,466	64	71	73 713	2 395,432	21 528,353	8,987	8,520
15	22	98 844	44 275,698	791 229,979	17,871	17,403	65	72	71 738	2 209,720	19 132,921	8,659	8,191
16	23	98 805	41 950,602	746 954,281	17,806	17,338	66	73	69 634	2 033,113	16 923,200	8,324	7,857
17	24	98 756	39 744,190	705 003,680	17,739	17,271	67	74	67 369	1 864,426	14 890,087	7,986	7,519
18	25	98 703	37 651,843	665 259,490	17,669	17,202	68	75	64 933	1 703,334	13 025,662	7,647	7,180
19	26	98 634	35 663,920	627 607,647	17,598	17,131	69	76	62 323	1 549,638	11 322,328	7,306	6,839
20	27	98 562	33 780,147	591 943,726	17,523	17,056	70	77	59 524	1 402,866	9 772,690	6,966	6,499
21	28	98 483	31 993,277	558 163,579	17,446	16,979	71	78	56 556	1 263,430	8 369,824	6,625	6,157
22	29	98 405	30 301,329	526 170,301	17,365	16,897	72	79	53 377	1 130,264	7 106,394	6,287	5,820
23	30	98 324	28 698,140	495 868,972	17,279	16,812	73	80	50 045	1 004,457	5 976,129	5,950	5,482
24	31	98 245	27 180,113	467 170,832	17,188	16,721	74	81	46 523	885,094	4 971,673	5,617	5,150
25	32	98 160	25 740,947	439 990,719	17,093	16,626	75	82	42 809	771,965	4 086,579	5,294	4,827
26	33	98 072	24 376,954	414 249,772	16,994	16,526	76	83	38 934	665,487	3 314,614	4,981	4,514
27	34	97 979	23 084,248	389 872,818	16,889	16,422	77	84	34 973	566,629	2 649,127	4,675	4,208
28	35	97 875	21 857,666	366 788,570	16,781	16,314	78	85	30 928	474,958	2 082,498	4,385	3,917
29	36	97 777	20 697,481	344 930,904	16,665	16,198	79	86	26 870	391,130	1 607,539	4,110	3,643
30	37	97 667	19 596,248	324 233,423	16,546	16,079	80	87	22 906	316,044	1 216,409	3,849	3,382
31	38	97 552	18 552,850	304 637,175	16,420	15,953	81	88	19 096	249,749	900,366	3,605	3,138
32	39	97 428	17 563,305	286 084,325	16,289	15,822	82	89	15 540	192,643	650,616	3,377	2,910
33	40	97 292	16 624,439	268 521,020	16,152	15,685	83	90	12 269	144,167	457,973	3,177	2,710
34	41	97 149	15 734,614	251 896,581	16,009	15,542	84	91	9 458	105,345	313,807	2,979	2,512
35	42	96 994	14 890,552	236 161,967	15,860	15,393	85	92	7 014	74,048	208,461	2,815	2,348
36	43	96 827	14 089,859	221 271,415	15,704	15,237	86	93	5 069	50,724	134,413	2,650	2,183
37	44	96 642	13 329,890	207 181,556	15,543	15,075	87	94	3 533	33,507	83,689	2,498	2,030
38	45	96 442	12 608,800	193 851,666	15,374	14,907	88	95	2 365	21,261	50,182	2,360	1,893
39	46	96 214	11 923,180	181 242,866	15,201	14,734	89	96	1 521	12,958	28,921	2,232	1,765
40	47	95 968	11 272,711	169 319,687	15,020	14,553	90	97	931	7,520	15,964	2,123	1,656
41	48	95 688	10 653,878	158 046,976	14,835	14,368	91	98	549	4,201	8,443	2,010	1,543
42	49	95 388	10 066,799	147 393,098	14,642	14,174	92	99	305	2,214	4,242	1,916	1,449
43	50	95 046	9 507,792	137 326,299	14,444	13,976	93	100	161	1,109	2,028	1,830	1,363
44	51	94 668	8 976,236	127 818,507	14,240	13,772							
45	52	94 248	8 470,577	118 842,271	14,030	13,563							
46	53	93 781	7 989,206	110 371,694	13,815	13,348							
47	54	93 268	7 531,264	102 382,489	13,594	13,127							
48	55	92 702	7 095,317	94 851,224	13,368	12,901							
49	56	92 077	6 680,096	87 755,908	13,137	12,670							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß   5,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	8	99 593	99 593,274	1 839 055,009	18,466	17,998	50	58	91 036	6 260,233	79 887,923	12,761	12,294
1	9	99 201	94 029,156	1 739 461,734	18,499	18,032	51	59	90 272	5 884,052	73 627,691	12,513	12,046
2	10	99 161	89 091,852	1 645 432,578	18,469	18,002	52	60	89 420	5 524,703	67 743,638	12,262	11,795
3	11	99 136	84 425,322	1 556 340,726	18,435	17,967	53	61	88 493	5 182,389	62 218,935	12,006	11,539
4	12	99 114	80 006,476	1 471 915,403	18,397	17,930	54	62	87 499	4 857,030	57 036,546	11,743	11,276
5	13	99 093	75 819,347	1 391 908,928	18,358	17,891	55	63	86 409	4 546,449	52 179,516	11,477	11,010
6	14	99 073	71 852,479	1 316 089,580	18,317	17,849	56	64	85 246	4 251,433	47 633,067	11,204	10,737
7	15	99 052	68 092,038	1 244 237,102	18,273	17,806	57	65	84 002	3 971,019	43 381,634	10,925	10,457
8	16	99 031	64 528,780	1 176 145,064	18,227	17,759	58	66	82 676	3 704,558	39 410,615	10,638	10,171
9	17	99 008	61 150,215	1 111 616,283	18,178	17,711	59	67	81 248	3 450,775	35 706,057	10,347	9,880
10	18	98 984	57 948,436	1 050 466,069	18,128	17,660	60	68	79 738	3 210,077	32 255,282	10,048	9,581
11	19	98 953	54 909,974	992 517,632	18,075	17,608	61	69	78 143	2 981,868	29 045,205	9,741	9,273
12	20	98 924	52 032,153	937 607,658	18,020	17,553	62	70	76 450	2 765,172	26 063,337	9,426	8,958
13	21	98 891	49 303,141	885 575,505	17,962	17,495	63	71	74 656	2 559,542	23 298,165	9,102	8,635
14	22	98 859	46 717,873	836 272,364	17,900	17,433	64	72	72 763	2 364,586	20 738,623	8,771	8,303
15	23	98 822	44 265,765	789 554,491	17,837	17,369	65	73	70 699	2 177,728	18 374,037	8,437	7,970
16	24	98 782	41 941,012	745 288,725	17,770	17,303	66	74	68 502	2 000,052	16 196,309	8,098	7,631
17	25	98 736	39 736,156	703 347,713	17,700	17,233	67	75	66 115	1 829,733	14 196,257	7,759	7,291
18	26	98 681	37 643,560	663 611,557	17,629	17,162	68	76	63 540	1 666,784	12 366,523	7,419	6,952
19	27	98 610	35 655,480	625 967,996	17,556	17,089	69	77	60 797	1 511,683	10 699,739	7,078	6,611
20	28	98 536	33 771,072	590 312,516	17,480	17,013	70	78	57 873	1 363,974	9 188,057	6,736	6,269
21	29	98 458	31 985,187	556 541,444	17,400	16,933	71	79	54 742	1 222,914	7 824,083	6,398	5,931
22	30	98 376	30 292,635	524 556,257	17,316	16,849	72	80	51 439	1 089,229	6 601,169	6,060	5,593
23	31	98 296	28 690,018	494 263,622	17,228	16,761	73	81	47 955	962,505	5 511,940	5,727	5,259
24	32	98 215	27 171,904	465 573,604	17,134	16,667	74	82	44 309	842,972	4 549,435	5,397	4,930
25	33	98 126	25 731,823	438 401,700	17,037	16,570	75	83	40 448	729,395	3 706,463	5,082	4,614
26	34	98 036	24 368,041	412 669,877	16,935	16,468	76	84	36 492	623,753	2 977,067	4,773	4,306
27	35	97 937	23 074,443	388 301,836	16,828	16,361	77	85	32 444	525,653	2 353,314	4,477	4,010
28	36	97 836	21 848,972	365 227,394	16,716	16,249	78	86	28 368	435,653	1 827,661	4,195	3,728
29	37	97 731	20 687,645	343 378,422	16,598	16,131	79	87	24 338	354,277	1 392,008	3,929	3,462
30	38	97 615	19 585,789	322 690,776	16,476	16,009	80	88	20 425	281,819	1 037,731	3,682	3,215
31	39	97 498	18 542,521	303 104,987	16,346	15,879	81	89	16 761	219,208	755,912	3,448	2,981
32	40	97 364	17 551,686	284 562,466	16,213	15,746	82	90	13 341	165,381	536,704	3,245	2,778
33	41	97 224	16 612,699	267 010,780	16,073	15,606	83	91	10 370	121,850	371,323	3,047	2,580
34	42	97 071	15 722,003	250 398,081	15,927	15,459	84	92	7 778	86,627	249,473	2,880	2,413
35	43	96 908	14 877,298	234 676,079	15,774	15,307	85	93	5 687	60,036	162,846	2,712	2,245
36	44	96 728	14 075,432	219 798,780	15,616	15,149	86	94	4 018	40,212	102,810	2,557	2,090
37	45	96 534	13 314,918	205 723,348	15,451	14,983	87	95	2 735	25,938	62,598	2,413	1,946
38	46	96 320	12 592,796	192 408,430	15,279	14,812	88	96	1 785	16,051	36,660	2,284	1,817
39	47	96 078	11 906,379	179 815,634	15,102	14,635	89	97	1 118	9,528	20,609	2,163	1,696
40	48	95 811	11 254,279	167 909,255	14,920	14,452	90	98	666	5,379	11,082	2,060	1,593
41	49	95 519	10 635,037	156 654,976	14,730	14,263	91	99	381	2,919	5,703	1,954	1,487
42	50	95 192	10 046,085	146 019,939	14,535	14,068	92	100	206	1,492	2,784	1,866	1,398
43	51	94 837	9 486,846	135 973,854	14,333	13,866							
44	52	94 436	8 954,273	126 487,008	14,126	13,659							
45	53	93 990	8 447,322	117 532,735	13,914	13,446							
46	54	93 499	7 965,186	109 085,413	13,695	13,228							
47	55	92 971	7 507,230	101 120,227	13,470	13,003							
48	56	92 374	7 070,177	93 612,997	13,241	12,773							
49	57	91 730	6 654,897	86 542,820	13,004	12,537							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß   5,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	9	99 586	99 585,940	1 837 124,953	18,448	17,980	50	59	90 634	6 232,611	78 622,215	12,615	12,147
1	10	99 194	94 022,670	1 737 539,013	18,480	18,013	51	60	89 846	5 856,268	72 389,604	12,361	11,894
2	11	99 154	89 085,529	1 643 516,343	18,449	17,982	52	61	88 939	5 494,928	66 533,337	12,108	11,641
3	12	99 128	84 418,571	1 554 430,814	18,413	17,946	53	62	87 985	5 152,608	61 038,408	11,846	11,379
4	13	99 106	80 000,035	1 470 012,243	18,375	17,908	54	63	86 947	4 826,393	55 885,801	11,579	11,112
5	14	99 084	75 812,556	1 390 012,208	18,335	17,868	55	64	85 827	4 515,816	51 059,407	11,307	10,840
6	15	99 063	71 844,691	1 314 199,652	18,292	17,825	56	65	84 619	4 220,187	46 543,591	11,029	10,562
7	16	99 040	68 083,473	1 242 354,961	18,248	17,780	57	66	83 346	3 940,006	42 323,404	10,742	10,275
8	17	99 016	64 518,851	1 174 271,489	18,200	17,733	58	67	81 969	3 672,868	38 383,398	10,451	9,983
9	18	98 992	61 140,402	1 109 752,638	18,151	17,684	59	68	80 506	3 419,261	34 710,530	10,151	9,684
10	19	98 962	57 935,200	1 048 612,236	18,100	17,633	60	69	78 963	3 178,905	31 291,269	9,843	9,376
11	20	98 932	54 898,633	990 677,035	18,046	17,578	61	70	77 313	2 950,196	28 112,363	9,529	9,062
12	21	98 902	52 020,603	935 778,402	17,989	17,521	62	71	75 562	2 733,083	25 162,167	9,207	8,739
13	22	98 870	49 292,822	883 757,799	17,929	17,462	63	72	73 695	2 526,583	22 429,084	8,877	8,410
14	23	98 837	46 707,393	834 464,977	17,866	17,399	64	73	71 710	2 330,352	19 902,502	8,541	8,073
15	24	98 800	44 255,647	787 757,584	17,800	17,333	65	74	69 549	2 142,316	17 572,150	8,202	7,735
16	25	98 762	41 932,535	743 501,937	17,731	17,264	66	75	67 227	1 962,836	15 429,834	7,861	7,394
17	26	98 715	39 727,415	701 569,403	17,660	17,192	67	76	64 697	1 790,471	13 466,998	7,521	7,054
18	27	98 658	37 634,651	661 841,987	17,586	17,119	68	77	61 984	1 625,960	11 676,527	7,181	6,714
19	28	98 584	35 645,901	624 207,336	17,511	17,044	69	78	59 111	1 469,773	10 050,567	6,838	6,371
20	29	98 511	33 762,533	588 561,435	17,432	16,965	70	79	56 017	1 320,233	8 580,794	6,499	6,032
21	30	98 430	31 976,010	554 798,902	17,350	16,883	71	80	52 755	1 178,515	7 260,560	6,161	5,694
22	31	98 349	30 284,061	522 822,892	17,264	16,797	72	81	49 291	1 043,737	6 082,046	5,827	5,360
23	32	98 267	28 681,353	492 538,831	17,173	16,706	73	82	45 673	916,699	5 038,309	5,496	5,029
24	33	98 180	27 162,271	463 857,478	17,077	16,610	74	83	41 866	796,487	4 121,610	5,175	4,708
25	34	98 090	25 722,414	436 695,206	16,977	16,510	75	84	37 911	683,654	3 325,122	4,864	4,397
26	35	97 994	24 357,690	410 972,792	16,872	16,405	76	85	33 853	578,646	2 641,469	4,565	4,098
27	36	97 898	23 065,265	386 615,102	16,762	16,295	77	86	29 759	482,153	2 062,823	4,278	3,811
28	37	97 790	21 838,589	363 549,837	16,647	16,180	78	87	25 695	394,605	1 580,670	4,006	3,539
29	38	97 679	20 676,605	341 711,248	16,526	16,059	79	88	21 702	315,911	1 186,065	3,754	3,287
30	39	97 560	19 574,886	321 034,644	16,400	15,933	80	89	17 927	247,356	870,153	3,518	3,051
31	40	97 433	18 530,254	301 459,758	16,269	15,801	81	90	14 389	188,187	622,798	3,309	2,842
32	41	97 295	17 539,290	282 929,503	16,131	15,664	82	91	11 276	139,780	434,611	3,109	2,642
33	42	97 146	16 599,384	265 390,213	15,988	15,521	83	92	8 527	100,199	294,830	2,942	2,475
34	43	96 985	15 708,009	248 790,829	15,838	15,371	84	93	6 306	70,235	194,631	2,771	2,304
35	44	96 809	14 862,065	233 082,821	15,683	15,216	85	94	4 508	47,594	124,396	2,614	2,147
36	45	96 619	14 059,623	218 220,756	15,521	15,054	86	95	3 111	31,129	76,803	2,467	2,000
37	46	96 411	13 298,018	204 161,133	15,353	14,886	87	96	2 065	19,582	45,674	2,332	1,865
38	47	96 184	12 575,052	190 863,115	15,178	14,711	88	97	1 313	11,802	26,092	2,211	1,744
39	48	95 921	11 886,910	178 288,063	14,999	14,532	89	98	800	6,814	14,290	2,097	1,630
40	49	95 642	11 234,377	166 401,152	14,812	14,345	90	99	463	3,737	7,476	2,000	1,533
41	50	95 322	10 613,154	155 166,776	14,620	14,153	91	100	257	1,968	3,739	1,900	1,433
42	51	94 982	10 023,953	144 553,622	14,421	13,954							
43	52	94 605	9 463,634	134 529,669	14,215	13,748							
44	53	94 177	8 929,690	125 066,035	14,006	13,538							
45	54	93 707	8 421,925	116 136,345	13,790	13,323							
46	55	93 201	7 939,767	107 714,420	13,566	13,099							
47	56	92 641	7 480,631	99 774,653	13,338	12,871							
48	57	92 025	7 043,507	92 294,022	13,103	12,636							
49	58	91 363	6 628,300	85 250,515	12,862	12,394							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß   5,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$
0	10	99 579	99 579,070	1 835 056,376	18,428	17,961	50	60	90 206	6 203,180	77 276,797	12,458	11,990
1	11	99 187	94 015,997	1 735 477,306	18,459	17,992	51	61	89 361	5 824,706	71 073,617	12,202	11,735
2	12	99 146	89 078,405	1 641 461,309	18,427	17,960	52	62	88 427	5 463,351	65 248,911	11,943	11,476
3	13	99 120	84 411,775	1 552 382,904	18,391	17,923	53	63	87 430	5 120,107	59 785,560	11,677	11,209
4	14	99 097	79 992,869	1 467 971,128	18,351	17,884	54	64	86 361	4 793,874	54 665,453	11,403	10,936
5	15	99 073	75 804,339	1 387 978,259	18,310	17,843	55	65	85 196	4 482,627	49 871,579	11,126	10,658
6	16	99 050	71 835,654	1 312 173,921	18,266	17,799	56	66	83 958	4 187,228	45 388,952	10,840	10,373
7	17	99 024	68 072,996	1 240 338,267	18,221	17,754	57	67	82 633	3 906,302	41 201,724	10,548	10,080
8	18	99 000	64 508,497	1 172 265,271	18,172	17,705	58	68	81 220	3 639,326	37 295,421	10,248	9,781
9	19	98 969	61 126,437	1 107 756,773	18,122	17,655	59	69	79 724	3 386,058	33 656,095	9,940	9,472
10	20	98 941	57 923,234	1 046 630,336	18,069	17,602	60	70	78 125	3 145,140	30 270,037	9,624	9,157
11	21	98 910	54 886,446	988 707,102	18,014	17,546	61	71	76 416	2 915,960	27 124,897	9,302	8,835
12	22	98 881	52 009,715	933 820,656	17,955	17,488	62	72	74 589	2 697,889	24 208,937	8,973	8,506
13	23	98 848	49 281,764	881 810,941	17,893	17,426	63	73	72 628	2 490,004	21 511,048	8,639	8,172
14	24	98 815	46 696,716	832 529,176	17,828	17,361	64	74	70 544	2 292,458	19 021,045	8,297	7,830
15	25	98 780	44 246,701	785 832,460	17,760	17,293	65	75	68 255	2 102,453	16 728,587	7,957	7,490
16	26	98 740	41 923,310	741 585,758	17,689	17,222	66	76	65 785	1 920,718	14 626,135	7,615	7,148
17	27	98 691	39 718,013	699 662,448	17,616	17,149	67	77	63 112	1 746,617	12 705,417	7,274	6,807
18	28	98 631	37 624,541	659 944,435	17,540	17,073	68	78	60 265	1 580,882	10 958,800	6,932	6,465
19	29	98 559	35 636,887	622 319,894	17,463	16,996	69	79	57 216	1 422,640	9 377,917	6,592	6,125
20	30	98 483	33 752,846	586 683,007	17,382	16,915	70	80	53 984	1 272,301	7 955,277	6,253	5,785
21	31	98 402	31 966,960	552 930,161	17,297	16,830	71	81	50 551	1 129,293	6 682,976	5,918	5,451
22	32	98 319	30 274,915	520 963,202	17,208	16,741	72	82	46 945	994,065	5 553,683	5,587	5,120
23	33	98 232	28 671,186	490 688,287	17,114	16,647	73	83	43 154	866,148	4 559,618	5,264	4,797
24	34	98 145	27 152,341	462 017,101	17,016	16,549	74	84	39 240	746,538	3 693,469	4,947	4,480
25	35	98 048	25 711,488	434 864,760	16,913	16,446	75	85	35 170	634,215	2 946,931	4,647	4,179
26	36	97 955	24 348,001	409 153,272	16,804	16,337	76	86	31 052	530,760	2 312,716	4,357	3,890
27	37	97 852	23 054,304	384 805,271	16,691	16,224	77	87	26 955	436,723	1 781,956	4,080	3,613
28	38	97 738	21 826,934	361 750,967	16,574	16,106	78	88	22 913	351,873	1 345,233	3,823	3,356
29	39	97 624	20 665,094	339 924,033	16,449	15,982	79	89	19 049	277,280	993,360	3,583	3,115
30	40	97 496	19 561,936	319 258,939	16,320	15,853	80	90	15 390	212,351	716,081	3,372	2,905
31	41	97 365	18 517,168	299 697,003	16,185	15,718	81	91	12 162	159,056	503,730	3,167	2,700
32	42	97 217	17 525,233	281 179,835	16,044	15,577	82	92	9 272	114,943	344,674	2,999	2,531
33	43	97 059	16 584,609	263 654,603	15,898	15,430	83	93	6 914	81,239	229,730	2,828	2,361
34	44	96 886	15 691,925	247 069,994	15,745	15,278	84	94	4 999	55,678	148,491	2,667	2,200
35	45	96 700	14 845,372	231 378,069	15,586	15,119	85	95	3 490	36,843	92,813	2,519	2,052
36	46	96 496	14 041,778	216 532,697	15,421	14,953	86	96	2 348	23,500	55,970	2,382	1,914
37	47	96 275	13 279,280	202 490,919	15,249	14,781	87	97	1 518	14,398	32,470	2,255	1,788
38	48	96 027	12 554,490	189 211,639	15,071	14,604	88	98	939	8,441	18,071	2,141	1,674
39	49	95 752	11 865,889	176 657,149	14,888	14,421	89	99	556	4,735	9,630	2,034	1,567
40	50	95 445	11 211,260	164 791,259	14,699	14,232	90	100	312	2,519	4,895	1,943	1,476
41	51	95 112	10 589,773	153 579,999	14,503	14,035							
42	52	94 750	9 999,427	142 990,226	14,300	13,833							
43	53	94 345	9 437,652	132 990,799	14,092	13,624							
44	54	93 894	8 902,843	123 553,147	13,878	13,411							
45	55	93 408	8 395,049	114 650,304	13,657	13,190							
46	56	92 871	7 911,635	106 255,255	13,430	12,963							
47	57	92 292	7 452,412	98 343,620	13,196	12,729							
48	58	91 657	7 015,357	90 891,208	12,956	12,489							
49	59	90 960	6 599,054	83 875,851	12,710	12,243							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß   5,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	11	99 572	99 572,003	1 832 841,002	18,407	17,940	50	61	89 720	6 169,749	75 849,100	12,294	11,827
1	12	99 179	94 008,479	1 733 268,999	18,437	17,970	51	62	88 848	5 791,233	69 679,351	12,032	11,565
2	13	99 139	89 071,235	1 639 260,520	18,404	17,937	52	63	87 870	5 428,890	63 888,118	11,768	11,301
3	14	99 111	84 404,214	1 550 189,285	18,366	17,899	53	64	86 841	5 085,608	58 459,228	11,495	11,028
4	15	99 086	79 984,199	1 465 785,072	18,326	17,859	54	65	85 727	4 758,642	53 373,620	11,216	10,749
5	16	99 061	75 794,803	1 385 800,873	18,284	17,816	55	66	84 530	4 447,619	48 614,978	10,931	10,463
6	17	99 035	71 824,600	1 310 006,070	18,239	17,772	56	67	83 240	4 151,409	44 167,359	10,639	10,172
7	18	99 008	68 062,073	1 238 181,470	18,192	17,725	57	68	81 879	3 870,629	40 015,950	10,338	9,871
8	19	98 978	64 493,763	1 170 119,397	18,143	17,676	58	69	80 431	3 603,986	36 145,321	10,029	9,562
9	20	98 949	61 113,812	1 105 625,634	18,091	17,624	59	70	78 877	3 350,093	32 541,335	9,714	9,246
10	21	98 919	57 910,376	1 044 511,822	18,037	17,570	60	71	77 218	3 108,642	29 191,242	9,390	8,923
11	22	98 890	54 874,959	986 601,446	17,979	17,512	61	72	75 431	2 878,410	26 082,600	9,061	8,594
12	23	98 859	51 998,048	931 726,487	17,918	17,451	62	73	73 509	2 658,829	23 204,190	8,727	8,260
13	24	98 825	49 270,500	879 728,439	17,855	17,388	63	74	71 447	2 449,513	20 545,361	8,388	7,920
14	25	98 795	46 687,277	830 457,939	17,788	17,320	64	75	69 231	2 249,801	18 095,848	8,043	7,576
15	26	98 758	44 236,968	783 770,662	17,718	17,250	65	76	66 791	2 057,338	15 846,047	7,702	7,235
16	27	98 717	41 913,389	739 533,694	17,644	17,177	66	77	64 174	1 873,674	13 788,708	7,359	6,892
17	28	98 665	39 707,343	697 620,306	17,569	17,102	67	78	61 362	1 698,195	11 915,035	7,016	6,549
18	29	98 607	37 615,027	657 912,963	17,491	17,024	68	79	58 333	1 530,186	10 216,840	6,677	6,210
19	30	98 531	35 626,662	620 297,936	17,411	16,944	69	80	55 138	1 370,990	8 686,654	6,336	5,869
20	31	98 455	33 743,292	584 671,274	17,327	16,860	70	81	51 729	1 219,163	7 315,664	6,001	5,533
21	32	98 372	31 957,305	550 927,981	17,240	16,772	71	82	48 145	1 075,550	6 096,501	5,668	5,201
22	33	98 284	30 264,183	518 970,676	17,148	16,681	72	83	44 357	939,248	5 020,951	5,346	4,879
23	34	98 196	28 660,703	488 706,493	17,051	16,584	73	84	40 448	811,831	4 081,703	5,028	4,561
24	35	98 103	27 140,807	460 045,791	16,950	16,483	74	85	36 403	692,552	3 269,873	4,721	4,254
25	36	98 009	25 701,261	432 904,984	16,844	16,377	75	86	32 259	581,731	2 577,321	4,430	3,963
26	37	97 909	24 336,431	407 203,722	16,732	16,265	76	87	28 126	480,751	1 995,590	4,151	3,684
27	38	97 799	23 042,000	382 867,291	16,616	16,149	77	88	24 036	389,430	1 514,839	3,890	3,423
28	39	97 683	21 814,783	359 825,291	16,495	16,027	78	89	20 111	308,843	1 125,410	3,644	3,177
29	40	97 560	20 651,423	338 010,509	16,367	15,900	79	90	16 353	238,040	816,567	3,430	2,963
30	41	97 427	19 548,121	317 359,086	16,235	15,768	80	91	13 008	179,480	578,527	3,223	2,756
31	42	97 287	18 502,326	297 810,965	16,096	15,629	81	92	10 001	130,794	399,047	3,051	2,584
32	43	97 131	17 509,634	279 308,639	15,952	15,485	82	93	7 518	93,193	268,253	2,878	2,411
33	44	96 960	16 567,627	261 799,005	15,802	15,335	83	94	5 481	64,402	175,060	2,718	2,251
34	45	96 777	15 674,300	245 231,378	15,645	15,178	84	95	3 870	43,102	110,658	2,567	2,100
35	46	96 577	14 826,530	229 557,078	15,483	15,016	85	96	2 635	27,815	67,556	2,429	1,962
36	47	96 360	14 021,992	214 730,548	15,314	14,847	86	97	1 727	17,280	39,742	2,300	1,833
37	48	96 118	13 257,567	200 708,556	15,139	14,672	87	98	1 086	10,298	22,462	2,181	1,714
38	49	95 857	12 532,288	187 450,989	14,957	14,490	88	99	652	5,865	12,164	2,074	1,607
39	50	95 555	11 841,473	174 918,701	14,772	14,305	89	100	375	3,192	6,299	1,974	1,506
40	51	95 235	11 186,562	163 077,227	14,578	14,111							
41	52	94 880	10 563,862	151 890,666	14,378	13,911							
42	53	94 490	9 971,974	141 326,803	14,172	13,705							
43	54	94 062	9 409,278	131 354,829	13,960	13,493							
44	55	93 594	8 874,432	121 945,551	13,741	13,274							
45	56	93 077	8 365,304	113 071,119	13,517	13,049							
46	57	92 521	7 881,791	104 705,815	13,285	12,817							
47	58	91 923	7 422,628	96 824,025	13,044	12,577							
48	59	91 253	6 984,403	89 401,396	12,800	12,333							
49	60	90 531	6 567,893	82 416,993	12,548	12,081							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß   5,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	12	99 564	99 564,040	1 830 470,937	18,385	17,918	50	62	89 205	6 134,293	74 338,882	12,119	11,651
1	13	99 171	94 000,911	1 730 906,896	18,414	17,947	51	63	88 287	5 754,704	68 204,589	11,852	11,385
2	14	99 130	89 063,256	1 636 905,985	18,379	17,912	52	64	87 278	5 392,311	62 449,885	11,581	11,114
3	15	99 100	84 395,066	1 547 842,729	18,340	17,873	53	65	86 202	5 048,232	57 057,574	11,302	10,835
4	16	99 074	79 974,138	1 463 447,664	18,299	17,832	54	66	85 057	4 721,477	52 009,342	11,015	10,548
5	17	99 046	75 783,140	1 383 473,526	18,256	17,789	55	67	83 807	4 409,573	47 287,865	10,724	10,257
6	18	99 019	71 813,074	1 307 690,386	18,210	17,742	56	68	82 480	4 113,497	42 878,292	10,424	9,957
7	19	98 986	68 046,526	1 235 877,311	18,162	17,695	57	69	81 084	3 833,043	38 764,795	10,113	9,646
8	20	98 957	64 480,443	1 167 830,785	18,111	17,644	58	70	79 577	3 565,706	34 931,752	9,797	9,329
9	21	98 927	61 100,245	1 103 350,342	18,058	17,591	59	71	77 962	3 311,216	31 366,046	9,473	9,005
10	22	98 899	57 898,256	1 042 250,097	18,001	17,534	60	72	76 224	3 068,611	28 054,830	9,143	8,675
11	23	98 868	54 862,649	984 351,841	17,942	17,475	61	73	74 339	2 836,737	24 986,218	8,808	8,341
12	24	98 836	51 986,162	929 489,192	17,880	17,412	62	74	72 314	2 615,594	22 149,481	8,468	8,001
13	25	98 806	49 260,540	877 503,030	17,814	17,346	63	75	70 118	2 403,934	19 533,887	8,126	7,659
14	26	98 773	46 677,007	828 242,490	17,744	17,277	64	76	67 746	2 201,525	17 129,954	7,781	7,314
15	27	98 735	44 226,498	781 565,483	17,672	17,205	65	77	65 155	2 006,948	14 928,429	7,438	6,971
16	28	98 691	41 902,129	737 338,984	17,597	17,130	66	78	62 394	1 821,729	12 921,481	7,093	6,626
17	29	98 640	39 697,302	695 436,856	17,518	17,051	67	79	59 395	1 643,736	11 099,752	6,753	6,286
18	30	98 578	37 604,234	655 739,554	17,438	16,971	68	80	56 215	1 474,631	9 456,016	6,412	5,945
19	31	98 503	35 616,579	618 135,320	17,355	16,888	69	81	52 835	1 313,730	7 981,384	6,075	5,608
20	32	98 425	33 733,101	582 518,741	17,268	16,801	70	82	49 267	1 161,142	6 667,655	5,742	5,275
21	33	98 337	31 945,977	548 785,640	17,179	16,711	71	83	45 491	1 016,240	5 506,512	5,419	4,951
22	34	98 248	30 253,117	516 839,663	17,084	16,617	72	84	41 575	880,346	4 490,273	5,101	4,633
23	35	98 154	28 648,529	486 586,545	16,985	16,518	73	85	37 523	753,123	3 609,926	4,793	4,326
24	36	98 064	27 130,012	457 938,017	16,879	16,412	74	86	33 390	635,240	2 856,804	4,497	4,030
25	37	97 962	25 689,042	430 808,005	16,770	16,303	75	87	29 220	526,918	2 221,564	4,216	3,749
26	38	97 856	24 323,443	405 118,958	16,655	16,188	76	88	25 080	428,689	1 694,645	3,953	3,486
27	39	97 745	23 029,172	380 795,515	16,535	16,068	77	89	21 097	341,807	1 265,956	3,704	3,237
28	40	97 619	21 800,351	357 766,343	16,411	15,944	78	90	17 265	265,136	924,149	3,486	3,018
29	41	97 491	20 636,838	335 965,991	16,280	15,813	79	91	13 822	201,192	659,012	3,276	2,808
30	42	97 349	19 532,453	315 329,153	16,144	15,677	80	92	10 697	147,589	457,820	3,102	2,635
31	43	97 200	18 485,858	295 796,700	16,001	15,534	81	93	8 108	106,044	310,231	2,925	2,458
32	44	97 031	17 491,705	277 310,842	15,854	15,387	82	94	5 960	73,879	204,187	2,764	2,297
33	45	96 851	16 549,019	259 819,138	15,700	15,233	83	95	4 243	49,855	130,308	2,614	2,147
34	46	96 654	15 654,406	243 270,118	15,540	15,073	84	96	2 922	32,539	80,453	2,472	2,005
35	47	96 441	14 805,638	227 615,712	15,374	14,906	85	97	1 937	20,452	47,914	2,343	1,876
36	48	96 203	13 999,064	212 810,075	15,202	14,735	86	98	1 235	12,359	27,462	2,222	1,755
37	49	95 948	13 234,122	198 811,010	15,023	14,555	87	99	754	7,155	15,103	2,111	1,644
38	50	95 660	12 506,501	185 576,889	14,838	14,371	88	100	440	3,954	7,948	2,010	1,543
39	51	95 344	11 815,387	173 070,387	14,648	14,181							
40	52	95 002	11 159,191	161 255,001	14,450	13,983							
41	53	94 619	10 534,861	150 095,810	14,248	13,780							
42	54	94 206	9 941,993	139 560,949	14,038	13,570							
43	55	93 761	9 379,251	129 618,956	13,820	13,353							
44	56	93 263	8 842,988	120 239,706	13,597	13,130							
45	57	92 726	8 333,748	111 396,717	13,367	12,900							
46	58	92 151	7 850,291	103 062,969	13,129	12,661							
47	59	91 517	7 389,877	95 212,679	12,884	12,417							
48	60	90 822	6 951,422	87 822,801	12,634	12,167							
49	61	90 043	6 532,497	80 871,379	12,380	11,913							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß   5,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	13	99 556	99 556,026	1 827 938,721	18,361	17,894	50	63	88 642	6 095,600	72 743,935	11,934	11,467
1	14	99 162	93 992,491	1 728 382,695	18,389	17,921	51	64	87 692	5 715,930	66 648,334	11,660	11,193
2	15	99 119	89 053,603	1 634 390,204	18,353	17,886	52	65	86 636	5 352,680	60 932,404	11,384	10,916
3	16	99 088	84 384,450	1 545 336,602	18,313	17,846	53	66	85 529	5 008,806	55 579,724	11,096	10,629
4	17	99 059	79 961,832	1 460 952,152	18,271	17,803	54	67	84 330	4 681,089	50 570,918	10,803	10,336
5	18	99 030	75 770,979	1 380 990,320	18,226	17,759	55	68	83 042	4 369,303	45 889,830	10,503	10,036
6	19	98 996	71 796,671	1 305 219,341	18,179	17,712	56	69	81 679	4 073,553	41 520,527	10,193	9,726
7	20	98 965	68 032,472	1 233 422,670	18,130	17,663	57	70	80 223	3 792,330	37 446,974	9,874	9,407
8	21	98 935	64 466,128	1 165 390,198	18,078	17,610	58	71	78 654	3 524,327	33 654,644	9,549	9,082
9	22	98 906	61 087,458	1 100 924,069	18,022	17,555	59	72	76 958	3 268,577	30 130,317	9,218	8,751
10	23	98 876	57 885,268	1 039 836,612	17,964	17,497	60	73	75 120	3 024,185	26 861,740	8,882	8,415
11	24	98 845	54 850,108	981 951,344	17,902	17,435	61	74	73 131	2 790,609	23 837,555	8,542	8,075
12	25	98 817	51 975,654	927 101,236	17,837	17,370	62	75	70 968	2 566,924	21 046,946	8,199	7,732
13	26	98 784	49 249,704	875 125,582	17,769	17,302	63	76	68 613	2 352,350	18 480,022	7,856	7,389
14	27	98 749	46 665,960	825 875,878	17,698	17,230	64	77	66 086	2 147,603	16 127,672	7,510	7,042
15	28	98 708	44 214,617	779 209,918	17,623	17,156	65	78	63 348	1 951,308	13 980,069	7,164	6,697
16	29	98 666	41 891,533	734 995,301	17,545	17,078	66	79	60 394	1 763,309	12 028,761	6,822	6,355
17	30	98 612	39 685,912	693 103,768	17,465	16,998	67	80	57 238	1 584,059	10 265,452	6,480	6,013
18	31	98 550	37 593,591	653 417,856	17,381	16,914	68	81	53 867	1 413,042	8 681,393	6,144	5,677
19	32	98 473	35 605,822	615 824,265	17,296	16,828	69	82	50 321	1 251,209	7 268,350	5,809	5,342
20	33	98 390	33 721,144	580 218,443	17,206	16,739	70	83	46 550	1 097,112	6 017,141	5,485	5,017
21	34	98 301	31 934,296	546 497,299	17,113	16,646	71	84	42 638	952,510	4 920,029	5,165	4,698
22	35	98 206	30 240,267	514 563,003	17,016	16,549	72	85	38 568	816,683	3 967,520	4,858	4,391
23	36	98 115	28 637,133	484 322,737	16,912	16,445	73	86	34 418	690,798	3 150,836	4,561	4,094
24	37	98 017	27 117,119	455 685,603	16,804	16,337	74	87	30 244	575,386	2 460,038	4,275	3,808
25	38	97 910	25 675,338	428 568,484	16,692	16,225	75	88	26 056	469,858	1 884,652	4,011	3,544
26	39	97 802	24 309,902	402 893,146	16,573	16,106	76	89	22 013	376,266	1 414,795	3,760	3,293
27	40	97 680	23 013,937	378 583,245	16,450	15,983	77	90	18 111	293,436	1 038,528	3,539	3,072
28	41	97 550	21 784,955	355 569,307	16,322	15,855	78	91	14 592	224,095	745,093	3,325	2,858
29	42	97 413	20 620,298	333 784,352	16,187	15,720	79	92	11 366	165,443	520,998	3,149	2,682
30	43	97 262	19 515,068	313 164,054	16,047	15,580	80	93	8 673	119,661	355,555	2,971	2,504
31	44	97 100	18 466,929	293 648,987	15,901	15,434	81	94	6 428	84,066	235,894	2,806	2,339
32	45	96 922	17 472,059	275 182,057	15,750	15,283	82	95	4 613	57,191	151,827	2,655	2,188
33	46	96 728	16 528,015	257 709,999	15,592	15,125	83	96	3 203	37,638	94,637	2,514	2,047
34	47	96 518	15 632,347	241 181,984	15,428	14,961	84	97	2 148	23,926	56,999	2,382	1,915
35	48	96 284	14 781,429	225 549,637	15,259	14,792	85	98	1 386	14,628	33,073	2,261	1,794
36	49	96 033	13 974,308	210 768,208	15,083	14,615	86	99	858	8,587	18,445	2,148	1,681
37	50	95 751	13 206,891	196 793,900	14,901	14,434	87	100	509	4,823	9,858	2,044	1,577
38	51	95 449	12 478,949	183 587,009	14,712	14,245							
39	52	95 111	11 786,477	171 108,060	14,517	14,050							
40	53	94 741	11 128,554	159 321,583	14,316	13,849							
41	54	94 335	10 503,187	148 193,029	14,109	13,642							
42	55	93 905	9 910,266	137 689,842	13,894	13,426							
43	56	93 429	9 346,018	127 779,575	13,672	13,205							
44	57	92 911	8 809,631	118 433,557	13,444	12,976							
45	58	92 355	8 300,442	109 623,926	13,207	12,740							
46	59	91 744	7 815,653	101 323,485	12,964	12,497							
47	60	91 085	7 354,982	93 507,832	12,714	12,246							
48	61	90 333	6 913,959	86 152,850	12,461	11,994							
49	62	89 525	6 494,956	79 238,891	12,200	11,733							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß   5,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	14	99 547	99 547,108	1 825 235,703	18,335	17,868	50	64	88 045	6 054,529	71 063,328	11,737	11,270
1	15	99 151	93 982,303	1 725 688,596	18,362	17,895	51	65	87 048	5 673,921	65 008,799	11,457	10,990
2	16	99 106	89 042,401	1 631 706,292	18,325	17,858	52	66	85 960	5 310,877	59 334,878	11,172	10,705
3	17	99 072	84 371,465	1 542 663,892	18,284	17,817	53	67	84 798	4 965,959	54 024,001	10,879	10,412
4	18	99 043	79 949,000	1 458 292,427	18,240	17,773	54	68	83 559	4 638,339	49 058,042	10,577	10,109
5	19	99 007	75 753,672	1 378 343,427	18,195	17,728	55	69	82 236	4 326,874	44 419,702	10,266	9,799
6	20	98 976	71 781,842	1 302 589,754	18,147	17,679	56	70	80 812	4 030,286	40 092,828	9,948	9,481
7	21	98 943	68 017,370	1 230 807,912	18,095	17,628	57	71	79 292	3 748,321	36 062,542	9,621	9,154
8	22	98 915	64 452,636	1 162 790,542	18,041	17,574	58	72	77 641	3 478,944	32 314,221	9,289	8,821
9	23	98 884	61 073,754	1 098 337,906	17,984	17,517	59	73	75 844	3 221,256	28 835,278	8,952	8,484
10	24	98 854	57 872,036	1 037 264,152	17,923	17,456	60	74	73 899	2 975,008	25 614,022	8,610	8,143
11	25	98 825	54 839,021	979 392,116	17,859	17,392	61	75	71 770	2 738,682	22 639,014	8,266	7,799
12	26	98 795	51 964,220	924 553,095	17,792	17,325	62	76	69 446	2 511,843	19 900,332	7,923	7,455
13	27	98 760	49 238,048	872 588,874	17,722	17,255	63	77	66 933	2 294,735	17 388,489	7,578	7,110
14	28	98 723	46 653,423	823 350,826	17,648	17,181	64	78	64 254	2 088,064	15 093,754	7,229	6,761
15	29	98 683	44 203,436	776 697,403	17,571	17,104	65	79	61 317	1 888,733	13 005,691	6,886	6,419
16	30	98 637	41 879,513	732 493,966	17,491	17,023	66	80	58 201	1 699,290	11 116,958	6,542	6,075
17	31	98 584	39 674,680	690 614,453	17,407	16,940	67	81	54 848	1 517,900	9 417,667	6,204	5,737
18	32	98 521	37 582,237	650 939,774	17,320	16,853	68	82	51 303	1 345,795	7 899,767	5,870	5,403
19	33	98 438	35 593,200	613 357,537	17,232	16,765	69	83	47 546	1 182,212	6 553,972	5,544	5,077
20	34	98 354	33 708,814	577 764,336	17,140	16,673	70	84	43 631	1 028,310	5 371,760	5,224	4,757
21	35	98 259	31 920,731	544 055,522	17,044	16,577	71	85	39 554	883,628	4 343,450	4,915	4,448
22	36	98 167	30 228,238	512 134,791	16,942	16,475	72	86	35 377	749,099	3 459,822	4,619	4,151
23	37	98 069	28 623,525	481 906,552	16,836	16,369	73	87	31 175	625,709	2 710,723	4,332	3,865
24	38	97 965	27 102,647	453 283,028	16,725	16,257	74	88	26 969	513,076	2 085,013	4,064	3,597
25	39	97 856	25 661,044	426 180,381	16,608	16,141	75	89	22 869	412,400	1 571,937	3,812	3,344
26	40	97 737	24 293,819	400 519,337	16,486	16,019	76	90	18 898	323,018	1 159,537	3,590	3,123
27	41	97 611	22 997,684	376 225,517	16,359	15,892	77	91	15 308	248,013	836,519	3,373	2,906
28	42	97 471	21 767,495	353 227,833	16,227	15,760	78	92	11 999	184,276	588,505	3,194	2,726
29	43	97 326	20 601,944	331 460,338	16,089	15,622	79	93	9 215	134,137	404,229	3,014	2,546
30	44	97 163	19 495,085	310 858,395	15,945	15,478	80	94	6 875	94,861	270,092	2,847	2,380
31	45	96 991	18 446,188	291 363,309	15,795	15,328	81	95	4 976	65,077	175,231	2,693	2,225
32	46	96 799	17 449,883	272 917,121	15,640	15,173	82	96	3 483	43,176	110,154	2,551	2,084
33	47	96 592	16 504,725	255 467,238	15,478	15,011	83	97	2 355	27,675	66,978	2,420	1,953
34	48	96 360	15 606,786	238 962,513	15,311	14,844	84	98	1 536	17,113	39,303	2,297	1,830
35	49	96 113	14 755,289	223 355,727	15,137	14,670	85	99	963	10,164	22,191	2,183	1,716
36	50	95 835	13 945,553	208 600,438	14,958	14,491	86	100	578	5,789	12,027	2,078	1,611
37	51	95 540	13 177,796	194 654,884	14,771	14,304							
38	52	95 215	12 448,416	181 477,089	14,578	14,111							
39	53	94 850	11 754,119	169 028,673	14,380	13,913							
40	54	94 456	11 095,096	157 274,554	14,175	13,708							
41	55	94 034	10 469,669	146 179,458	13,962	13,495							
42	56	93 572	9 875,152	135 709,789	13,743	13,275							
43	57	93 077	9 310,763	125 834,636	13,515	13,048							
44	58	92 539	8 774,422	116 523,873	13,280	12,813							
45	59	91 948	8 263,818	107 749,451	13,039	12,572							
46	60	91 311	7 778,747	99 485,633	12,789	12,322							
47	61	90 594	7 315,344	91 706,886	12,536	12,069							
48	62	89 814	6 874,226	84 391,542	12,277	11,809							
49	63	88 961	6 453,988	77 517,316	12,011	11,544							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß   5,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	15	99 536	99 536,318	1 822 353,748	18,308	17,841	50	65	87 398	6 010,032	69 295,276	11,530	11,063
1	16	99 139	93 970,481	1 722 817,430	18,334	17,866	51	66	86 368	5 629,609	63 285,245	11,241	10,774
2	17	99 091	89 028,699	1 628 846,949	18,296	17,829	52	67	85 224	5 265,446	57 655,636	10,950	10,483
3	18	99 057	84 357,926	1 539 818,250	18,253	17,786	53	68	84 023	4 920,609	52 390,190	10,647	10,180
4	19	99 020	79 930,739	1 455 460,324	18,209	17,742	54	69	82 748	4 593,298	47 469,582	10,335	9,867
5	20	98 987	75 738,026	1 375 529,585	18,162	17,694	55	70	81 362	4 280,916	42 876,283	10,016	9,548
6	21	98 954	71 765,908	1 299 791,559	18,112	17,644	56	71	79 874	3 983,515	38 595,367	9,689	9,222
7	22	98 923	68 003,134	1 228 025,651	18,058	17,591	57	72	78 271	3 700,053	34 611,852	9,354	8,887
8	23	98 892	64 438,178	1 160 022,517	18,002	17,535	58	73	76 517	3 428,576	30 911,799	9,016	8,549
9	24	98 862	61 059,793	1 095 584,339	17,943	17,476	59	74	74 611	3 168,874	27 483,222	8,673	8,206
10	25	98 834	57 860,338	1 034 524,545	17,880	17,412	60	75	72 523	2 919,650	24 314,348	8,328	7,861
11	26	98 803	54 826,958	976 664,207	17,814	17,346	61	76	70 230	2 679,916	21 394,698	7,983	7,516
12	27	98 771	51 951,922	921 837,250	17,744	17,277	62	77	67 745	2 450,321	18 714,782	7,638	7,171
13	28	98 734	49 224,820	869 885,328	17,672	17,204	63	78	65 077	2 231,116	16 264,461	7,290	6,823
14	29	98 698	46 641,626	820 660,507	17,595	17,128	64	79	62 194	2 021,103	14 033,345	6,943	6,476
15	30	98 655	44 190,754	774 018,881	17,515	17,048	65	80	59 091	1 820,161	12 012,242	6,600	6,132
16	31	98 609	41 867,660	729 828,128	17,432	16,965	66	81	55 770	1 628,319	10 192,081	6,259	5,792
17	32	98 554	39 662,697	687 960,468	17,345	16,878	67	82	52 237	1 445,663	8 563,762	5,924	5,457
18	33	98 486	37 568,915	648 297,771	17,256	16,789	68	83	48 474	1 271,582	7 118,100	5,598	5,131
19	34	98 402	35 580,186	610 728,856	17,165	16,698	69	84	44 564	1 108,073	5 846,517	5,276	4,809
20	35	98 312	33 694,495	575 148,669	17,070	16,602	70	85	40 476	953,947	4 738,444	4,967	4,500
21	36	98 220	31 908,035	541 454,174	16,969	16,502	71	86	36 281	810,504	3 784,497	4,669	4,202
22	37	98 121	30 213,873	509 546,139	16,865	16,397	72	87	32 043	678,517	2 973,993	4,383	3,916
23	38	98 016	28 608,249	479 332,266	16,755	16,288	73	88	27 799	557,950	2 295,476	4,114	3,647
24	39	97 910	27 087,559	450 724,017	16,640	16,172	74	89	23 671	450,334	1 737,526	3,858	3,391
25	40	97 791	25 644,068	423 636,458	16,520	16,053	75	90	19 633	354,038	1 287,192	3,636	3,169
26	41	97 668	24 276,662	397 992,390	16,394	15,927	76	91	15 973	273,016	933,153	3,418	2,951
27	42	97 533	22 979,252	373 715,728	16,263	15,796	77	92	12 588	203,945	660,137	3,237	2,770
28	43	97 385	21 748,120	350 736,476	16,127	15,660	78	93	9 729	149,406	456,192	3,053	2,586
29	44	97 226	20 580,849	328 988,357	15,985	15,518	79	94	7 305	106,337	306,786	2,885	2,418
30	45	97 053	19 473,189	308 407,508	15,838	15,370	80	95	5 322	73,434	200,449	2,730	2,262
31	46	96 868	18 422,776	288 934,319	15,684	15,216	81	96	3 757	49,130	127,016	2,585	2,118
32	47	96 663	17 425,294	270 511,543	15,524	15,057	82	97	2 561	31,747	77,886	2,453	1,986
33	48	96 434	16 477,738	253 086,249	15,359	14,892	83	98	1 685	19,794	46,139	2,331	1,864
34	49	96 190	15 579,187	236 608,511	15,187	14,720	84	99	1 068	11,890	26,345	2,216	1,749
35	50	95 916	14 724,928	221 029,324	15,011	14,543	85	100	649	6,851	14,455	2,110	1,643
36	51	95 624	13 914,831	206 304,396	14,826	14,359							
37	52	95 306	13 145,552	192 389,565	14,635	14,168							
38	53	94 954	12 414,241	179 244,012	14,439	13,971							
39	54	94 565	11 718,779	166 829,772	14,236	13,769							
40	55	94 155	11 059,689	155 110,993	14,025	13,558							
41	56	93 701	10 432,573	144 051,304	13,808	13,341							
42	57	93 219	9 837,901	133 618,730	13,582	13,115							
43	58	92 705	9 273,552	123 780,829	13,348	12,881							
44	59	92 131	8 735,707	114 507,277	13,108	12,641							
45	60	91 514	8 224,796	105 771,570	12,860	12,393							
46	61	90 819	7 736,825	97 546,774	12,608	12,141							
47	62	90 074	7 273,304	89 809,949	12,348	11,881							
48	63	89 247	6 830,866	82 536,645	12,083	11,616							
49	64	88 361	6 410,502	75 705,779	11,810	11,342							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß   5,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	16	99 524	99 523,797	1 819 285,373	18,280	17,813	50	66	86 715	5 963,094	67 439,090	11,309	10,842
1	17	99 124	93 956,022	1 719 761,576	18,304	17,837	51	67	85 629	5 581,452	61 475,996	11,014	10,547
2	18	99 075	89 014,413	1 625 805,554	18,265	17,797	52	68	84 446	5 217,360	55 894,545	10,713	10,246
3	19	99 034	84 338,657	1 536 791,141	18,222	17,754	53	69	83 207	4 872,826	50 677,185	10,400	9,933
4	20	99 000	79 914,230	1 452 452,484	18,175	17,708	54	70	81 869	4 544,511	45 804,358	10,079	9,612
5	21	98 965	75 721,213	1 372 538,254	18,126	17,659	55	71	80 418	4 231,238	41 259,848	9,751	9,284
6	22	98 933	71 750,888	1 296 817,041	18,074	17,607	56	72	78 845	3 932,219	37 028,610	9,417	8,950
7	23	98 901	67 987,879	1 225 066,153	18,019	17,552	57	73	77 137	3 646,485	33 096,391	9,076	8,609
8	24	98 870	64 423,448	1 157 078,274	17,961	17,493	58	74	75 272	3 372,824	29 449,907	8,732	8,264
9	25	98 842	61 047,451	1 092 654,825	17,898	17,431	59	75	73 222	3 109,909	26 077,083	8,385	7,918
10	26	98 812	57 847,610	1 031 607,374	17,833	17,366	60	76	70 967	2 857,001	22 967,174	8,039	7,572
11	27	98 780	54 813,982	973 759,764	17,765	17,298	61	77	68 510	2 614,277	20 110,173	7,692	7,225
12	28	98 745	51 937,965	918 945,782	17,693	17,226	62	78	65 867	2 382,389	17 495,896	7,344	6,877
13	29	98 709	49 212,373	867 007,817	17,618	17,150	63	79	62 990	2 159,568	15 113,507	6,998	6,531
14	30	98 670	46 628,244	817 795,444	17,539	17,071	64	80	59 936	1 947,725	12 953,939	6,651	6,184
15	31	98 627	44 178,246	771 167,200	17,456	16,989	65	81	56 623	1 744,141	11 006,214	6,310	5,843
16	32	98 580	41 855,015	726 988,954	17,369	16,902	66	82	53 116	1 550,826	9 262,073	5,972	5,505
17	33	98 519	39 648,638	685 133,939	17,280	16,813	67	83	49 357	1 365,942	7 711,247	5,645	5,178
18	34	98 450	37 555,178	645 485,302	17,188	16,720	68	84	45 434	1 191,839	6 345,304	5,324	4,857
19	35	98 360	35 565,073	607 930,123	17,093	16,626	69	85	41 342	1 027,942	5 153,465	5,013	4,546
20	36	98 273	33 681,093	572 365,051	16,994	16,526	70	86	37 126	875,004	4 125,523	4,715	4,248
21	37	98 174	31 892,872	538 683,958	16,890	16,423	71	87	32 863	734,136	3 250,519	4,428	3,960
22	38	98 068	30 197,749	506 791,086	16,782	16,315	72	88	28 573	605,039	2 516,383	4,159	3,692
23	39	97 962	28 592,322	476 593,337	16,669	16,201	73	89	24 399	489,720	1 911,344	3,903	3,436
24	40	97 846	27 069,639	448 001,015	16,550	16,083	74	90	20 321	386,604	1 421,623	3,677	3,210
25	41	97 722	25 625,957	420 931,376	16,426	15,959	75	91	16 594	299,235	1 035,019	3,459	2,992
26	42	97 590	24 257,205	395 305,419	16,296	15,829	76	92	13 134	224,505	735,785	3,277	2,810
27	43	97 446	22 958,798	371 048,214	16,161	15,694	77	93	10 206	165,353	511,280	3,092	2,625
28	44	97 285	21 725,851	348 089,416	16,022	15,555	78	94	7 713	118,441	345,927	2,921	2,453
29	45	97 117	20 557,733	326 363,565	15,875	15,408	79	95	5 655	82,317	227,485	2,764	2,296
30	46	96 930	19 448,473	305 805,831	15,724	15,257	80	96	4 018	55,438	145,168	2,619	2,151
31	47	96 732	18 396,816	286 357,358	15,566	15,098	81	97	2 762	36,125	89,730	2,484	2,017
32	48	96 505	17 396,802	267 960,542	15,403	14,936	82	98	1 832	22,706	53,605	2,361	1,894
33	49	96 263	16 448,598	250 563,741	15,233	14,766	83	99	1 170	13,753	30,898	2,247	1,779
34	50	95 992	15 547,130	234 115,143	15,058	14,591	84	100	720	8,015	17,145	2,139	1,672
35	51	95 704	14 692,489	218 568,012	14,876	14,409							
36	52	95 390	13 880,785	203 875,523	14,688	14,220							
37	53	95 044	13 109,463	189 994,739	14,493	14,026							
38	54	94 669	12 376,917	176 885,275	14,292	13,824							
39	55	94 263	11 681,382	164 508,359	14,083	13,616							
40	56	93 821	11 020,503	152 826,977	13,868	13,400							
41	57	93 347	10 393,220	141 806,474	13,644	13,177							
42	58	92 847	9 798,584	131 413,254	13,411	12,944							
43	59	92 296	9 232,634	121 614,671	13,172	12,705							
44	60	91 696	8 694,457	112 382,036	12,926	12,459							
45	61	91 020	8 180,470	103 687,580	12,675	12,208							
46	62	90 297	7 692,363	95 507,110	12,416	11,949							
47	63	89 505	7 227,427	87 814,747	12,150	11,683							
48	64	88 646	6 784,841	80 587,320	11,878	11,410							
49	65	87 712	6 363,389	73 802,479	11,598	11,131							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß 5,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	17	99 508	99 508,483	1 816 022,597	18,250	17,783	50	67	85 973	5 912,084	65 493,071	11,078	10,611
1	18	99 108	93 940,944	1 716 514,113	18,272	17,805	51	68	84 847	5 530,480	59 580,987	10,773	10,306
2	19	99 053	88 994,081	1 622 573,169	18,232	17,765	52	69	83 626	5 166,696	54 050,507	10,461	9,994
3	20	99 013	84 321,238	1 533 579,088	18,187	17,720	53	70	82 323	4 821,070	48 883,810	10,140	9,672
4	21	98 978	79 896,490	1 449 257,850	18,139	17,672	54	71	80 919	4 491,773	44 062,741	9,810	9,342
5	22	98 944	75 705,365	1 369 361,360	18,088	17,621	55	72	79 382	4 176,751	39 570,968	9,474	9,007
6	23	98 911	71 734,792	1 293 655,995	18,034	17,567	56	73	77 704	3 875,289	35 394,217	9,133	8,666
7	24	98 878	67 972,338	1 221 921,203	17,977	17,510	57	74	75 883	3 587,188	31 518,928	8,787	8,319
8	25	98 850	64 410,426	1 153 948,864	17,916	17,448	58	75	73 872	3 310,064	27 931,739	8,438	7,971
9	26	98 820	61 034,022	1 089 538,438	17,851	17,384	59	76	71 651	3 043,177	24 621,676	8,091	7,624
10	27	98 789	57 833,919	1 028 504,417	17,784	17,317	60	77	69 229	2 787,025	21 578,499	7,742	7,275
11	28	98 753	54 799,256	970 670,497	17,713	17,246	61	78	66 610	2 541,800	18 791,474	7,393	6,926
12	29	98 720	51 924,832	915 871,241	17,638	17,171	62	79	63 754	2 305,990	16 249,674	7,047	6,580
13	30	98 681	49 198,253	863 946,409	17,561	17,093	63	80	60 703	2 081,163	13 943,684	6,700	6,233
14	31	98 642	46 615,046	814 748,156	17,478	17,011	64	81	57 432	1 866,377	11 862,521	6,356	5,889
15	32	98 597	44 164,903	768 133,110	17,392	16,925	65	82	53 928	1 661,137	9 996,144	6,018	5,550
16	33	98 545	41 840,178	723 968,207	17,303	16,836	66	83	50 187	1 465,307	8 335,008	5,688	5,221
17	34	98 483	39 634,141	682 128,028	17,211	16,743	67	84	46 262	1 280,282	6 869,700	5,366	4,899
18	35	98 408	37 539,226	642 493,888	17,115	16,648	68	85	42 149	1 105,651	5 589,418	5,055	4,588
19	36	98 321	35 550,927	604 954,662	17,017	16,549	69	86	37 920	942,875	4 483,768	4,755	4,288
20	37	98 227	33 665,087	569 403,735	16,914	16,447	70	87	33 628	792,559	3 540,892	4,468	4,000
21	38	98 121	31 875,851	535 738,648	16,807	16,340	71	88	29 304	654,635	2 748,334	4,198	3,731
22	39	98 014	30 180,937	503 862,797	16,695	16,228	72	89	25 079	531,051	2 093,699	3,943	3,475
23	40	97 897	28 573,407	473 681,860	16,578	16,111	73	90	20 946	420,416	1 562,648	3,717	3,250
24	41	97 777	27 050,522	445 108,453	16,455	15,988	74	91	17 176	326,759	1 142,231	3,496	3,028
25	42	97 644	25 605,418	418 057,931	16,327	15,860	75	92	13 645	246,065	815,472	3,314	2,847
26	43	97 503	24 235,614	392 452,513	16,193	15,726	76	93	10 649	182,023	569,407	3,128	2,661
27	44	97 347	22 935,290	368 216,899	16,055	15,587	77	94	8 091	131,083	387,384	2,955	2,488
28	45	97 176	21 701,449	345 281,609	15,911	15,443	78	95	5 970	91,688	256,301	2,795	2,328
29	46	96 994	20 531,641	323 580,160	15,760	15,293	79	96	4 269	62,145	164,614	2,649	2,182
30	47	96 794	19 421,068	303 048,519	15,604	15,137	80	97	2 954	40,764	102,469	2,514	2,047
31	48	96 574	18 366,735	283 627,451	15,442	14,975	81	98	1 976	25,838	61,705	2,388	1,921
32	49	96 334	17 366,037	265 260,716	15,275	14,807	82	99	1 273	15,777	35,868	2,273	1,806
33	50	96 065	16 414,752	247 894,679	15,102	14,635	83	100	789	9,271	20,091	2,167	1,700
34	51	95 780	15 512,880	231 479,927	14,922	14,455							
35	52	95 470	14 656,539	215 967,046	14,735	14,268							
36	53	95 128	13 842,677	201 310,507	14,543	14,076							
37	54	94 759	13 070,049	187 467,830	14,343	13,876							
38	55	94 366	12 337,419	174 397,781	14,136	13,668							
39	56	93 929	11 639,993	162 060,362	13,923	13,456							
40	57	93 467	10 978,931	150 420,369	13,701	13,234							
41	58	92 974	10 351,682	139 441,438	13,470	13,003							
42	59	92 437	9 755,349	129 089,756	13,233	12,766							
43	60	91 860	9 189,038	119 334,407	12,987	12,519							
44	61	91 202	8 647,599	110 145,369	12,737	12,270							
45	62	90 497	8 133,459	101 497,770	12,479	12,012							
46	63	89 727	7 643,843	93 364,311	12,214	11,747							
47	64	88 902	7 178,730	85 720,468	11,941	11,474							
48	65	87 994	6 734,976	78 541,739	11,662	11,195							
49	66	87 027	6 313,692	71 806,763	11,373	10,906							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß   5,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	18	99 493	99 492,515	1 812 558,176	18,218	17,751	50	68	85 188	5 858,093	63 457,207	10,832	10,365
1	19	99 085	93 919,487	1 713 065,661	18,240	17,773	51	69	84 023	5 476,776	57 599,114	10,517	10,050
2	20	99 032	88 975,700	1 619 146,174	18,198	17,730	52	70	82 738	5 111,818	52 122,338	10,196	9,729
3	21	98 992	84 302,520	1 530 170,474	18,151	17,684	53	71	81 368	4 765,122	47 010,520	9,866	9,398
4	22	98 957	79 879,768	1 445 867,954	18,101	17,633	54	72	79 877	4 433,931	42 245,398	9,528	9,061
5	23	98 922	75 688,383	1 365 988,186	18,048	17,580	55	73	78 233	4 116,281	37 811,466	9,186	8,719
6	24	98 888	71 718,395	1 290 299,803	17,991	17,524	56	74	76 440	3 812,272	33 695,185	8,839	8,371
7	25	98 858	67 958,599	1 218 581,409	17,931	17,464	57	75	74 471	3 520,440	29 882,913	8,488	8,021
8	26	98 828	64 396,257	1 150 622,810	17,868	17,401	58	76	72 287	3 239,037	26 362,473	8,139	7,672
9	27	98 796	61 019,577	1 086 226,553	17,801	17,334	59	77	69 896	2 968,641	23 123,437	7,789	7,322
10	28	98 762	57 818,382	1 025 206,976	17,732	17,264	60	78	67 310	2 709,758	20 154,796	7,438	6,971
11	29	98 728	54 785,399	967 388,594	17,658	17,191	61	79	64 474	2 460,289	17 445,037	7,091	6,623
12	30	98 692	51 909,933	912 603,195	17,581	17,113	62	80	61 440	2 222,269	14 984,749	6,743	6,276
13	31	98 653	49 184,328	860 693,261	17,499	17,032	63	81	58 168	1 994,242	12 762,480	6,400	5,932
14	32	98 612	46 600,967	811 508,933	17,414	16,947	64	82	54 699	1 777,556	10 768,238	6,058	5,591
15	33	98 562	44 149,248	764 907,965	17,326	16,858	65	83	50 954	1 569,534	8 990,683	5,728	5,261
16	34	98 509	41 824,880	720 758,717	17,233	16,766	66	84	47 040	1 373,415	7 421,148	5,403	4,936
17	35	98 441	39 617,305	678 933,837	17,137	16,670	67	85	42 916	1 187,698	6 047,733	5,092	4,625
18	36	98 369	37 524,294	639 316,532	17,037	16,570	68	86	38 661	1 014,153	4 860,035	4,792	4,325
19	37	98 275	35 534,032	601 792,238	16,936	16,468	69	87	34 348	854,035	3 845,882	4,503	4,036
20	38	98 174	33 647,121	566 258,206	16,829	16,362	70	88	29 987	706,731	2 991,847	4,233	3,766
21	39	98 067	31 858,105	532 611,085	16,718	16,251	71	89	25 720	574,582	2 285,116	3,977	3,510
22	40	97 949	30 160,971	500 752,979	16,603	16,135	72	90	21 530	455,898	1 710,534	3,752	3,285
23	41	97 828	28 553,228	470 592,008	16,481	16,014	73	91	17 704	355,338	1 254,636	3,531	3,064
24	42	97 698	27 028,841	442 038,781	16,354	15,887	74	92	14 124	268,699	899,298	3,347	2,880
25	43	97 557	25 582,627	415 009,940	16,222	15,755	75	93	11 063	199,503	630,600	3,161	2,694
26	44	97 403	24 210,798	389 427,313	16,085	15,618	76	94	8 442	144,298	431,097	2,988	2,520
27	45	97 237	22 909,530	365 216,515	15,942	15,474	77	95	6 263	101,474	286,799	2,826	2,359
28	46	97 052	21 673,905	342 306,985	15,794	15,326	78	96	4 507	69,219	185,325	2,677	2,210
29	47	96 857	20 502,709	320 633,080	15,639	15,171	79	97	3 139	45,695	116,106	2,541	2,074
30	48	96 635	19 389,313	300 130,370	15,479	15,012	80	98	2 113	29,155	70,411	2,415	1,948
31	49	96 403	18 334,255	280 741,058	15,312	14,845	81	99	1 373	17,952	41,256	2,298	1,831
32	50	96 136	17 330,303	262 406,803	15,142	14,674	82	100	858	10,635	23,303	2,191	1,724
33	51	95 853	16 378,591	245 076,500	14,963	14,496							
34	52	95 546	15 474,923	228 697,909	14,779	14,311							
35	53	95 208	14 616,302	213 222,985	14,588	14,121							
36	54	94 842	13 801,058	198 606,684	14,391	13,923							
37	55	94 456	13 028,340	184 805,625	14,185	13,718							
38	56	94 032	12 293,706	171 777,286	13,973	13,506							
39	57	93 574	11 596,085	159 483,580	13,753	13,286							
40	58	93 093	10 935,053	147 887,496	13,524	13,057							
41	59	92 564	10 306,008	136 952,443	13,289	12,821							
42	60	92 001	9 709,284	126 646,435	13,044	12,577							
43	61	91 365	9 139,515	116 937,151	12,795	12,327							
44	62	90 678	8 597,904	107 797,636	12,538	12,070							
45	63	89 927	8 082,156	99 199,732	12,274	11,807							
46	64	89 123	7 592,340	91 117,576	12,001	11,534							
47	65	88 249	7 125,970	83 525,237	11,721	11,254							
48	66	87 307	6 682,377	76 399,267	11,433	10,966							
49	67	86 283	6 259,683	69 716,890	11,137	10,670							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß   5,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	19	99 470	99 469,790	1 808 882,230	18,185	17,718	50	69	84 361	5 801,208	61 330,381	10,572	10,105
1	20	99 065	93 900,089	1 709 412,440	18,205	17,737	51	70	83 131	5 418,604	55 529,174	10,248	9,781
2	21	99 010	88 955,948	1 615 512,351	18,161	17,694	52	71	81 778	5 052,497	50 110,570	9,918	9,451
3	22	98 971	84 284,876	1 526 556,403	18,112	17,645	53	72	80 320	4 703,761	45 058,073	9,579	9,112
4	23	98 935	79 861,849	1 442 271,527	18,060	17,592	54	73	78 721	4 369,738	40 354,312	9,235	8,768
5	24	98 899	75 671,082	1 362 409,678	18,004	17,537	55	74	76 961	4 049,346	35 984,574	8,887	8,419
6	25	98 868	71 703,898	1 286 738,596	17,945	17,478	56	75	75 018	3 741,335	31 935,228	8,536	8,069
7	26	98 836	67 943,649	1 215 034,699	17,883	17,416	57	76	72 873	3 444,898	28 193,893	8,184	7,717
8	27	98 805	64 381,017	1 147 091,050	17,817	17,350	58	77	70 516	3 159,703	24 748,995	7,833	7,366
9	28	98 770	61 003,184	1 082 710,033	17,748	17,281	59	78	67 958	2 886,339	21 589,291	7,480	7,013
10	29	98 737	57 803,762	1 021 706,849	17,675	17,208	60	79	65 151	2 622,861	18 702,952	7,131	6,664
11	30	98 700	54 769,680	963 903,087	17,599	17,132	61	80	62 133	2 370,966	16 080,091	6,782	6,315
12	31	98 664	51 895,241	909 133,407	17,519	17,051	62	81	58 874	2 129,454	13 709,125	6,438	5,971
13	32	98 623	49 169,473	857 238,166	17,434	16,967	63	82	55 400	1 899,335	11 579,671	6,097	5,630
14	33	98 577	46 584,449	808 068,692	17,346	16,879	64	83	51 683	1 679,534	9 680,336	5,764	5,297
15	34	98 526	44 133,105	761 484,244	17,254	16,787	65	84	47 759	1 471,106	8 000,802	5,439	4,971
16	35	98 467	41 807,114	717 351,138	17,159	16,691	66	85	43 638	1 274,096	6 529,696	5,125	4,658
17	36	98 402	39 601,547	675 544,024	17,059	16,591	67	86	39 365	1 089,410	5 255,600	4,824	4,357
18	37	98 322	37 506,462	635 942,477	16,956	16,488	68	87	35 018	918,597	4 166,190	4,535	4,068
19	38	98 222	35 515,068	598 436,015	16,850	16,383	69	88	30 628	761,550	3 247,593	4,264	3,797
20	39	98 119	33 628,389	562 920,946	16,739	16,272	70	89	26 320	620,307	2 486,043	4,008	3,541
21	40	98 002	31 837,029	529 292,557	16,625	16,158	71	90	22 080	493,269	1 865,736	3,782	3,315
22	41	97 880	30 139,671	497 455,528	16,505	16,038	72	91	18 197	385,327	1 372,467	3,562	3,095
23	42	97 749	28 530,342	467 315,857	16,380	15,912	73	92	14 558	292,199	987,140	3,378	2,911
24	43	97 611	27 004,783	438 785,515	16,248	15,781	74	93	11 451	217,854	694,941	3,190	2,723
25	44	97 457	25 556,432	411 780,732	16,113	15,645	75	94	8 770	158,155	477,087	3,017	2,549
26	45	97 294	24 183,606	386 224,300	15,971	15,503	76	95	6 535	111,704	318,932	2,855	2,388
27	46	97 114	22 880,452	362 040,694	15,823	15,356	77	96	4 728	76,607	207,228	2,705	2,238
28	47	96 916	21 643,364	339 160,242	15,670	15,203	78	97	3 314	50,896	130,621	2,566	2,099
29	48	96 699	20 469,185	317 516,878	15,512	15,045	79	98	2 245	32,682	79,724	2,439	1,972
30	49	96 464	19 355,024	297 047,693	15,347	14,880	80	99	1 468	20,257	47,042	2,322	1,855
31	50	96 204	18 296,529	277 692,669	15,177	14,710	81	100	925	12,101	26,785	2,213	1,746
32	51	95 924	17 292,125	259 396,140	15,001	14,534							
33	52	95 619	16 338,516	242 104,015	14,818	14,351							
34	53	95 284	15 432,439	225 765,499	14,629	14,162							
35	54	94 922	14 572,357	210 333,060	14,434	13,967							
36	55	94 539	13 757,016	195 760,703	14,230	13,763							
37	56	94 121	12 982,178	182 003,687	14,020	13,552							
38	57	93 677	12 247,331	169 021,509	13,801	13,333							
39	58	93 200	11 549,740	156 774,178	13,574	13,107							
40	59	92 683	10 886,804	145 224,438	13,339	12,872							
41	60	92 127	10 257,342	134 337,633	13,097	12,630							
42	61	91 505	9 656,957	124 080,291	12,849	12,382							
43	62	90 840	9 086,993	114 423,334	12,592	12,125							
44	63	90 106	8 543,671	105 336,341	12,329	11,862							
45	64	89 321	8 027,699	96 792,670	12,057	11,590							
46	65	88 468	7 536,540	88 764,970	11,778	11,311							
47	66	87 560	7 070,317	81 228,430	11,489	11,021							
48	67	86 560	6 625,214	74 158,113	11,193	10,726							
49	68	85 495	6 202,517	67 532,899	10,888	10,421							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß   5,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	20	99 449	99 449,245	1 804 990,834	18,150	17,683	50	70	83 465	5 739,590	59 111,356	10,299	9,832
1	21	99 043	93 879,244	1 705 541,588	18,167	17,700	51	71	82 166	5 355,722	53 371,766	9,965	9,498
2	22	98 989	88 937,331	1 611 662,344	18,121	17,654	52	72	80 724	4 987,435	48 016,044	9,627	9,160
3	23	98 949	84 265,968	1 522 725,013	18,070	17,603	53	73	79 157	4 635,661	43 028,609	9,282	8,815
4	24	98 912	79 843,594	1 438 459,045	18,016	17,549	54	74	77 440	4 298,681	38 392,947	8,931	8,464
5	25	98 879	75 655,786	1 358 615,451	17,958	17,491	55	75	75 529	3 973,997	34 094,267	8,579	8,112
6	26	98 847	71 688,124	1 282 959,665	17,896	17,429	56	76	73 408	3 661,054	30 120,269	8,227	7,760
7	27	98 813	67 927,569	1 211 271,541	17,832	17,365	57	77	71 088	3 360,523	26 459,215	7,874	7,406
8	28	98 778	64 363,721	1 143 343,972	17,764	17,297	58	78	68 561	3 072,105	23 098,692	7,519	7,052
9	29	98 745	60 987,758	1 078 980,251	17,692	17,225	59	79	65 779	2 793,779	20 026,587	7,168	6,701
10	30	98 709	57 787,177	1 017 992,492	17,616	17,149	60	80	62 786	2 527,636	17 232,808	6,818	6,351
11	31	98 672	54 754,178	960 205,316	17,537	17,069	61	81	59 538	2 271,941	14 705,173	6,473	6,005
12	32	98 634	51 879,568	905 451,137	17,453	16,986	62	82	56 072	2 028,113	12 433,232	6,130	5,663
13	33	98 588	49 152,044	853 571,570	17,366	16,899	63	83	52 345	1 794,598	10 405,119	5,798	5,331
14	34	98 541	46 567,416	804 419,526	17,274	16,807	64	84	48 442	1 574,207	8 610,521	5,470	5,003
15	35	98 484	44 114,359	757 852,110	17,179	16,712	65	85	44 305	1 364,722	7 036,314	5,156	4,689
16	36	98 428	41 790,485	713 737,751	17,079	16,612	66	86	40 027	1 168,659	5 671,591	4,853	4,386
17	37	98 355	39 582,728	671 947,266	16,976	16,509	67	87	35 656	986,763	4 502,933	4,563	4,096
18	38	98 269	37 486,446	632 364,538	16,869	16,402	68	88	31 226	819,120	3 516,170	4,293	3,825
19	39	98 167	35 495,297	594 878,092	16,759	16,292	69	89	26 883	668,422	2 697,050	4,035	3,568
20	40	98 055	33 606,142	559 382,796	16,645	16,178	70	90	22 595	532,523	2 028,627	3,809	3,342
21	41	97 933	31 814,545	525 776,654	16,526	16,059	71	91	18 663	416,913	1 496,104	3,589	3,121
22	42	97 801	30 115,514	493 962,108	16,402	15,935	72	92	14 964	316,860	1 079,191	3,406	2,939
23	43	97 662	28 504,948	463 846,594	16,272	15,805	73	93	11 803	236,907	762,332	3,218	2,751
24	44	97 511	26 977,131	435 341,647	16,137	15,670	74	94	9 078	172,703	525,424	3,042	2,575
25	45	97 347	25 527,728	408 364,515	15,997	15,530	75	95	6 789	122,431	352,721	2,881	2,414
26	46	97 170	24 152,911	382 836,787	15,851	15,383	76	96	4 934	84,330	230,290	2,731	2,264
27	47	96 977	22 848,211	358 683,876	15,699	15,231	77	97	3 477	56,329	145,960	2,591	2,124
28	48	96 757	21 607,975	335 835,665	15,542	15,075	78	98	2 370	36,403	89,631	2,462	1,995
29	49	96 528	20 432,987	314 227,690	15,378	14,911	79	99	1 560	22,708	53,228	2,344	1,877
30	50	96 266	19 315,198	293 794,703	15,211	14,743	80	100	990	13,655	30,520	2,235	1,768
31	51	95 992	18 256,222	274 479,505	15,035	14,568							
32	52	95 689	17 249,815	256 223,283	14,854	14,386							
33	53	95 356	16 293,661	238 973,468	14,667	14,199							
34	54	94 997	15 386,041	222 679,808	14,473	14,006							
35	55	94 619	14 525,854	207 293,767	14,271	13,803							
36	56	94 204	13 708,273	192 767,914	14,062	13,595							
37	57	93 766	12 933,206	179 059,641	13,845	13,378							
38	58	93 303	12 198,384	166 126,435	13,619	13,152							
39	59	92 789	11 498,779	153 928,051	13,386	12,919							
40	60	92 245	10 835,397	142 429,272	13,145	12,678							
41	61	91 630	10 202,062	131 593,875	12,899	12,432							
42	62	90 979	9 601,462	121 391,813	12,643	12,176							
43	63	90 267	9 029,675	111 790,351	12,380	11,913							
44	64	89 499	8 486,105	102 760,676	12,109	11,642							
45	65	88 664	7 968,700	94 274,571	11,831	11,363							
46	66	87 777	7 477,681	86 305,870	11,542	11,075							
47	67	86 811	7 009,836	78 828,190	11,245	10,778							
48	68	85 770	6 564,710	71 818,354	10,940	10,473							
49	69	84 664	6 142,287	65 253,643	10,624	10,156							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß   5,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	21	99 427	99 427,169	1 800 870,420	18,112	17,645	50	71	82 496	5 672,984	56 800,796	10,013	9,545
1	22	99 022	93 859,596	1 701 443,252	18,128	17,660	51	72	81 108	5 286,756	51 127,813	9,671	9,204
2	23	98 967	88 917,380	1 607 583,655	18,080	17,612	52	73	79 556	4 915,228	45 841,057	9,326	8,859
3	24	98 926	84 246,707	1 518 666,276	18,026	17,559	53	74	77 870	4 560,280	40 925,828	8,974	8,507
4	25	98 892	79 827,455	1 434 419,569	17,969	17,502	54	75	76 000	4 218,693	36 365,549	8,620	8,153
5	26	98 857	75 639,143	1 354 592,114	17,909	17,441	55	76	73 908	3 888,723	32 146,856	8,267	7,799
6	27	98 823	71 671,158	1 278 952,971	17,845	17,378	56	77	71 610	3 571,384	28 258,132	7,912	7,445
7	28	98 786	67 909,321	1 207 281,813	17,778	17,311	57	78	69 117	3 267,357	24 686,748	7,556	7,088
8	29	98 753	64 347,445	1 139 372,493	17,707	17,239	58	79	66 363	2 973,588	21 419,391	7,203	6,736
9	30	98 717	60 970,260	1 075 025,048	17,632	17,165	59	80	63 391	2 692,349	18 445,803	6,851	6,384
10	31	98 681	57 770,821	1 014 054,788	17,553	17,086	60	81	60 164	2 422,067	15 753,454	6,504	6,037
11	32	98 642	54 737,641	956 283,967	17,470	17,003	61	82	56 705	2 163,818	13 331,387	6,161	5,694
12	33	98 599	51 861,178	901 546,326	17,384	16,917	62	83	52 980	1 916,274	11 167,569	5,828	5,361
13	34	98 552	49 134,072	849 685,148	17,293	16,826	63	84	49 062	1 682,056	9 251,295	5,500	5,033
14	35	98 499	46 547,635	800 551,076	17,199	16,731	64	85	44 939	1 460,367	7 569,239	5,183	4,716
15	36	98 445	44 096,812	754 003,440	17,099	16,632	65	86	40 639	1 251,785	6 108,871	4,880	4,413
16	37	98 381	41 770,626	709 906,628	16,995	16,528	66	87	36 255	1 058,544	4 857,086	4,588	4,121
17	38	98 303	39 561,603	668 136,003	16,888	16,421	67	88	31 794	879,905	3 798,542	4,317	3,850
18	39	98 215	37 465,577	628 574,400	16,777	16,310	68	89	27 407	718,952	2 918,637	4,060	3,592
19	40	98 103	35 471,815	591 108,823	16,664	16,197	69	90	23 078	573,829	2 199,685	3,833	3,366
20	41	97 985	33 582,409	555 637,009	16,545	16,078	70	91	19 097	450,091	1 625,855	3,612	3,145
21	42	97 854	31 789,046	522 054,600	16,422	15,955	71	92	15 346	342,833	1 175,764	3,430	2,962
22	43	97 714	30 088,708	490 265,554	16,294	15,827	72	93	12 132	256,902	832,931	3,242	2,775
23	44	97 562	28 475,760	460 176,845	16,160	15,693	73	94	9 357	187,808	576,030	3,067	2,600
24	45	97 402	26 946,832	431 701,085	16,020	15,553	74	95	7 027	133,692	388,222	2,904	2,437
25	46	97 224	25 495,328	404 754,253	15,876	15,408	75	96	5 126	92,429	254,530	2,754	2,287
26	47	97 033	24 118,877	379 258,925	15,725	15,257	76	97	3 628	62,008	162,101	2,614	2,147
27	48	96 818	22 810,852	355 140,048	15,569	15,102	77	98	2 487	40,288	100,093	2,484	2,017
28	49	96 586	21 569,763	332 329,196	15,407	14,940	78	99	1 647	25,293	59,805	2,365	1,897
29	50	96 329	20 390,943	310 759,434	15,240	14,773	79	100	1 052	15,307	34,512	2,255	1,787
30	51	96 054	19 272,647	290 368,491	15,066	14,599							
31	52	95 758	18 211,553	271 095,844	14,886	14,419							
32	53	95 427	17 202,457	252 884,291	14,700	14,233							
33	54	95 070	16 244,673	235 681,834	14,508	14,041							
34	55	94 694	15 336,940	219 437,161	14,308	13,841							
35	56	94 284	14 474,386	204 100,221	14,101	13,634							
36	57	93 849	13 656,562	189 625,835	13,885	13,418							
37	58	93 392	12 881,518	175 969,273	13,661	13,193							
38	59	92 891	12 144,561	163 087,754	13,429	12,962							
39	60	92 351	11 444,482	150 943,194	13,189	12,722							
40	61	91 748	10 777,001	139 498,712	12,944	12,477							
41	62	91 104	10 143,434	128 721,711	12,690	12,223							
42	63	90 405	9 540,899	118 578,277	12,428	11,961							
43	64	89 659	8 968,834	109 037,378	12,157	11,690							
44	65	88 841	8 423,737	100 068,544	11,879	11,412							
45	66	87 972	7 906,466	91 644,807	11,591	11,124							
46	67	87 026	7 413,715	83 738,341	11,295	10,828							
47	68	86 018	6 945,820	76 324,626	10,989	10,521							
48	69	84 937	6 500,963	69 378,806	10,672	10,205							
49	70	83 765	6 077,047	62 877,843	10,347	9,880							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß   5,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	22	99 406	99 406,360	1 796 510,624	18,072	17,605	50	72	81 434	5 599,931	54 399,704	9,714	9,247
1	23	99 000	93 838,541	1 697 104,264	18,085	17,618	51	73	79 934	5 210,216	48 799,773	9,366	8,899
2	24	98 945	88 897,055	1 603 265,724	18,035	17,568	52	74	78 262	4 835,301	43 589,557	9,015	8,548
3	25	98 906	84 229,677	1 514 368,669	17,979	17,512	53	75	76 421	4 475,424	38 754,256	8,659	8,192
4	26	98 870	79 809,894	1 430 138,992	17,919	17,452	54	76	74 369	4 128,169	34 278,832	8,304	7,836
5	27	98 834	75 621,242	1 350 329,097	17,856	17,389	55	77	72 098	3 793,478	30 150,663	7,948	7,481
6	28	98 797	71 651,904	1 274 707,856	17,790	17,323	56	78	69 625	3 472,372	26 357,186	7,591	7,123
7	29	98 761	67 892,148	1 203 055,952	17,720	17,253	57	79	66 901	3 162,579	22 884,813	7,236	6,769
8	30	98 725	64 328,982	1 135 163,804	17,646	17,179	58	80	63 953	2 865,629	19 722,235	6,882	6,415
9	31	98 689	60 953,003	1 070 834,821	17,568	17,101	59	81	60 743	2 579,901	16 856,606	6,534	6,067
10	32	98 651	57 753,373	1 009 881,818	17,486	17,019	60	82	57 300	2 306,800	14 276,705	6,189	5,722
11	33	98 607	54 718,238	952 128,445	17,401	16,933	61	83	53 578	2 044,496	11 969,904	5,855	5,388
12	34	98 563	51 842,215	897 410,207	17,310	16,843	62	84	49 657	1 796,101	9 925,408	5,526	5,059
13	35	98 510	49 113,201	845 567,991	17,217	16,750	63	85	45 514	1 560,417	8 129,307	5,210	4,743
14	36	98 460	46 529,120	796 454,790	17,117	16,650	64	86	41 220	1 339,515	6 568,890	4,904	4,437
15	37	98 398	44 075,857	749 925,669	17,014	16,547	65	87	36 810	1 133,839	5 229,375	4,612	4,145
16	38	98 328	41 748,333	705 849,813	16,907	16,440	66	88	32 329	943,913	4 095,536	4,339	3,872
17	39	98 248	39 539,579	664 101,480	16,796	16,329	67	89	27 906	772,304	3 151,623	4,081	3,614
18	40	98 150	37 440,791	624 561,901	16,681	16,214	68	90	23 529	617,209	2 379,320	3,855	3,388
19	41	98 033	35 446,763	587 121,110	16,563	16,096	69	91	19 506	485,003	1 762,111	3,633	3,166
20	42	97 907	33 555,493	551 674,346	16,441	15,973	70	92	15 704	370,116	1 277,108	3,451	2,983
21	43	97 767	31 760,751	518 118,854	16,313	15,846	71	93	12 442	277,960	906,992	3,263	2,796
22	44	97 614	30 057,899	486 358,103	16,181	15,714	72	94	9 618	203,658	629,032	3,089	2,621
23	45	97 453	28 443,778	456 300,203	16,042	15,575	73	95	7 244	145,385	425,374	2,926	2,459
24	46	97 278	26 912,630	427 856,425	15,898	15,431	74	96	5 305	100,931	279,989	2,774	2,307
25	47	97 087	25 459,402	400 943,795	15,748	15,281	75	97	3 769	67,962	179,058	2,635	2,167
26	48	96 875	24 079,440	375 484,393	15,594	15,126	76	98	2 595	44,350	111,096	2,505	2,038
27	49	96 647	22 770,512	351 404,953	15,432	14,965	77	99	1 728	27,992	66,746	2,384	1,917
28	50	96 387	21 525,380	328 634,441	15,267	14,800	78	100	1 110	17,050	38,754	2,273	1,806
29	51	96 117	20 346,022	307 109,061	15,094	14,627							
30	52	95 819	19 225,490	286 763,040	14,916	14,449							
31	53	95 495	18 161,555	267 537,549	14,731	14,264							
32	54	95 140	17 150,737	249 375,994	14,540	14,073							
33	55	94 766	16 192,833	232 225,257	14,341	13,874							
34	56	94 358	15 282,599	216 032,424	14,136	13,669							
35	57	93 928	14 419,786	200 749,825	13,922	13,455							
36	58	93 474	13 601,983	186 330,039	13,699	13,232							
37	59	92 980	12 824,681	172 728,056	13,468	13,001							
38	60	92 453	12 087,214	159 903,376	13,229	12,762							
39	61	91 853	11 382,803	147 816,161	12,986	12,519							
40	62	91 221	10 715,068	136 433,358	12,733	12,266							
41	63	90 529	10 079,453	125 718,290	12,473	12,006							
42	64	89 796	9 476,614	115 638,837	12,203	11,735							
43	65	89 000	8 902,919	106 162,223	11,924	11,457							
44	66	88 147	8 357,949	97 259,305	11,637	11,170							
45	67	87 219	7 838,832	88 901,356	11,341	10,874							
46	68	86 231	7 346,011	81 062,524	11,035	10,568							
47	69	85 183	6 878,372	73 716,513	10,717	10,250							
48	70	84 035	6 431,913	66 838,141	10,392	9,924							
49	71	82 793	6 006,524	60 406,228	10,057	9,590							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß   5,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	23	99 384	99 384,060	1 791 897,556	18,030	17,563	50	73	80 255	5 518,857	51 910,707	9,406	8,939
1	24	98 977	93 817,091	1 692 513,496	18,041	17,573	51	74	78 634	5 125,491	46 391,849	9,051	8,584
2	25	98 925	88 879,085	1 598 696,406	17,987	17,520	52	75	76 806	4 745,328	41 266,358	8,696	8,229
3	26	98 884	84 211,149	1 509 817,320	17,929	17,462	53	76	74 781	4 379,391	36 521,030	8,339	7,872
4	27	98 847	79 791,006	1 425 606,172	17,867	17,400	54	77	72 547	4 027,058	32 141,639	7,981	7,514
5	28	98 807	75 600,926	1 345 815,166	17,802	17,334	55	78	70 099	3 688,308	28 114,581	7,623	7,155
6	29	98 772	71 633,785	1 270 214,239	17,732	17,265	56	79	67 392	3 361,019	24 426,273	7,268	6,800
7	30	98 733	67 872,669	1 198 580,454	17,659	17,192	57	80	64 472	3 047,758	21 065,253	6,912	6,445
8	31	98 697	64 310,775	1 130 707,786	17,582	17,115	58	81	61 282	2 745,944	18 017,495	6,561	6,094
9	32	98 659	60 934,594	1 066 397,011	17,501	17,033	59	82	57 852	2 457,123	15 271,551	6,215	5,748
10	33	98 616	57 732,901	1 005 462,417	17,416	16,949	60	83	54 141	2 179,593	12 814,428	5,879	5,412
11	34	98 571	54 698,231	947 729,516	17,327	16,859	61	84	50 218	1 916,283	10 634,835	5,550	5,083
12	35	98 521	51 820,194	893 031,284	17,233	16,766	62	85	46 066	1 666,215	8 718,552	5,233	4,765
13	36	98 471	49 093,666	841 211,090	17,135	16,668	63	86	41 748	1 431,285	7 052,337	4,927	4,460
14	37	98 413	46 507,009	792 117,424	17,032	16,565	64	87	37 336	1 213,302	5 621,052	4,633	4,166
15	38	98 346	44 052,334	745 610,415	16,926	16,458	65	88	32 823	1 011,054	4 407,750	4,360	3,892
16	39	98 274	41 725,091	701 558,081	16,814	16,347	66	89	28 376	828,485	3 396,696	4,100	3,633
17	40	98 183	39 513,421	659 832,989	16,699	16,232	67	90	23 957	663,010	2 568,212	3,874	3,406
18	41	98 080	37 414,350	620 319,568	16,580	16,113	68	91	19 887	521,667	1 905,202	3,652	3,185
19	42	97 955	35 418,353	582 905,218	16,458	15,991	69	92	16 040	398,825	1 383,535	3,469	3,002
20	43	97 820	33 525,625	547 486,865	16,330	15,863	70	93	12 732	300,080	984,710	3,281	2,814
21	44	97 667	31 728,230	513 961,240	16,199	15,732	71	94	9 864	220,352	684,630	3,107	2,640
22	45	97 505	30 024,140	482 233,010	16,062	15,594	72	95	7 445	157,655	464,278	2,945	2,478
23	46	97 329	28 407,676	452 208,870	15,919	15,451	73	96	5 468	109,758	306,622	2,794	2,326
24	47	97 141	26 874,707	423 801,194	15,770	15,302	74	97	3 901	74,214	196,865	2,653	2,185
25	48	96 928	25 417,773	396 926,487	15,616	15,149	75	98	2 696	48,609	122,651	2,523	2,056
26	49	96 703	24 036,857	371 508,714	15,456	14,989	76	99	1 803	30,815	74,042	2,403	1,936
27	50	96 448	22 723,659	347 471,857	15,291	14,824	77	100	1 165	18,870	43,228	2,291	1,824
28	51	96 175	21 477,959	324 748,199	15,120	14,653							
29	52	95 882	20 296,239	303 270,239	14,942	14,475							
30	53	95 556	19 172,709	282 974,000	14,759	14,292							
31	54	95 208	18 106,952	263 801,291	14,569	14,102							
32	55	94 836	17 096,006	245 694,339	14,371	13,904							
33	56	94 431	16 135,459	228 598,333	14,167	13,700							
34	57	94 003	15 224,950	212 462,875	13,955	13,488							
35	58	93 553	14 362,156	197 237,925	13,733	13,266							
36	59	93 062	13 541,967	182 875,769	13,504	13,037							
37	60	92 541	12 764,122	169 333,802	13,266	12,799							
38	61	91 954	12 022,072	156 569,679	13,024	12,556							
39	62	91 326	11 317,390	144 547,608	12,772	12,305							
40	63	90 645	10 647,482	133 230,218	12,513	12,046							
41	64	89 919	10 011,539	122 582,737	12,244	11,777							
42	65	89 136	9 406,966	112 571,198	11,967	11,500							
43	66	88 305	8 833,388	103 164,232	11,679	11,212							
44	67	87 393	8 286,453	94 330,844	11,384	10,917							
45	68	86 423	7 767,245	86 044,390	11,078	10,611							
46	69	85 394	7 274,676	78 277,145	10,760	10,293							
47	70	84 278	6 805,313	71 002,469	10,433	9,966							
48	71	83 059	6 357,272	64 197,156	10,098	9,631							
49	72	81 727	5 929,177	57 839,884	9,755	9,288							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß   5,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	24	99 361	99 361,342	1 787 019,493	17,985	17,518	50	74	78 950	5 429,114	49 338,274	9,088	8,621
1	25	98 957	93 798,127	1 687 658,150	17,992	17,525	51	75	77 171	5 030,118	43 909,160	8,729	8,262
2	26	98 903	88 859,534	1 593 860,023	17,937	17,470	52	76	75 158	4 643,503	38 879,041	8,373	7,906
3	27	98 861	84 191,219	1 505 000,489	17,876	17,409	53	77	72 950	4 272,127	34 235,538	8,014	7,547
4	28	98 821	79 769,570	1 420 809,271	17,811	17,344	54	78	70 536	3 915,413	29 963,411	7,653	7,185
5	29	98 782	75 581,809	1 341 039,700	17,743	17,276	55	79	67 851	3 570,031	26 047,998	7,296	6,829
6	30	98 743	71 613,232	1 265 457,892	17,671	17,204	56	80	64 945	3 238,995	22 477,967	6,940	6,473
7	31	98 705	67 853,459	1 193 844,660	17,594	17,127	57	81	61 779	2 920,467	19 238,972	6,588	6,120
8	32	98 667	64 291,352	1 125 991,201	17,514	17,047	58	82	58 366	2 615,264	16 318,506	6,240	5,773
9	33	98 624	60 912,994	1 061 699,850	17,430	16,963	59	83	54 662	2 321,626	13 703,242	5,902	5,435
10	34	98 580	57 711,792	1 000 786,855	17,341	16,874	60	84	50 745	2 042,908	11 381,615	5,571	5,104
11	35	98 529	54 674,997	943 075,064	17,249	16,782	61	85	46 586	1 777,705	9 338,708	5,253	4,786
12	36	98 482	51 799,582	888 400,067	17,151	16,684	62	86	42 254	1 528,328	7 561,003	4,947	4,480
13	37	98 424	49 070,336	836 600,484	17,049	16,582	63	87	37 814	1 296,425	6 032,675	4,653	4,186
14	38	98 361	46 482,189	787 530,148	16,943	16,475	64	88	33 293	1 081,912	4 736,249	4,378	3,910
15	39	98 291	44 027,809	741 047,959	16,831	16,364	65	89	28 810	887,415	3 654,337	4,118	3,651
16	40	98 209	41 697,488	697 020,149	16,716	16,249	66	90	24 360	711,240	2 766,922	3,890	3,423
17	41	98 114	39 485,516	655 322,661	16,597	16,129	67	91	20 249	560,379	2 055,683	3,668	3,201
18	42	98 002	37 384,362	615 837,145	16,473	16,006	68	92	16 353	428,974	1 495,304	3,486	3,019
19	43	97 867	35 386,828	578 452,783	16,347	15,879	69	93	13 005	323,357	1 066,330	3,298	2,831
20	44	97 719	33 491,297	543 065,956	16,215	15,748	70	94	10 094	237,888	742,973	3,123	2,656
21	45	97 557	31 692,594	509 574,658	16,079	15,611	71	95	7 636	170,578	505,085	2,961	2,494
22	46	97 381	29 986,032	477 882,064	15,937	15,470	72	96	5 621	119,021	334,507	2,810	2,343
23	47	97 192	28 367,646	447 896,032	15,789	15,322	73	97	4 021	80,705	215,486	2,670	2,203
24	48	96 982	26 830,764	419 528,386	15,636	15,169	74	98	2 790	53,080	134,781	2,539	2,072
25	49	96 757	25 372,823	392 697,622	15,477	15,010	75	99	1 873	33,774	81,701	2,419	1,952
26	50	96 504	23 987,397	367 324,798	15,313	14,846	76	100	1 215	20,772	47,928	2,307	1,840
27	51	96 236	22 673,598	343 337,401	15,143	14,675							
28	52	95 940	21 425,407	320 663,802	14,967	14,499							
29	53	95 619	20 240,518	299 238,395	14,784	14,317							
30	54	95 269	19 115,066	278 997,877	14,596	14,129							
31	55	94 904	18 049,169	259 882,811	14,399	13,931							
32	56	94 500	17 035,432	241 833,642	14,196	13,729							
33	57	94 074	16 074,592	224 798,211	13,985	13,518							
34	58	93 627	15 164,102	208 723,618	13,764	13,297							
35	59	93 140	14 298,786	193 559,516	13,537	13,070							
36	60	92 622	13 478,021	179 260,730	13,300	12,833							
37	61	92 042	12 695,332	165 782,709	13,059	12,591							
38	62	91 426	11 952,984	153 087,377	12,807	12,340							
39	63	90 749	11 246,003	141 134,392	12,550	12,083							
40	64	90 035	10 575,740	129 888,389	12,282	11,815							
41	65	89 258	9 937,960	119 312,648	12,006	11,539							
42	66	88 440	9 333,499	109 374,689	11,719	11,251							
43	67	87 549	8 757,825	100 041,190	11,423	10,956							
44	68	86 595	8 210,779	91 283,365	11,118	10,650							
45	69	85 583	7 691,821	83 072,586	10,800	10,333							
46	70	84 487	7 197,408	75 380,765	10,473	10,006							
47	71	83 300	6 726,339	68 183,357	10,137	9,670							
48	72	81 990	6 275,409	61 457,018	9,793	9,326							
49	73	80 544	5 843,336	55 181,610	9,444	8,976							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß   5,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	25	99 341	99 341,258	1 781 862,956	17,937	17,470	50	75	77 481	5 328,092	46 687,842	8,763	8,295
1	26	98 935	93 777,493	1 682 521,698	17,942	17,474	51	76	75 515	4 922,183	41 359,751	8,403	7,936
2	27	98 879	88 838,504	1 588 744,205	17,884	17,416	52	77	73 317	4 529,770	36 437,568	8,044	7,577
3	28	98 834	84 168,601	1 499 905,701	17,820	17,353	53	78	70 927	4 153,688	31 907,798	7,682	7,215
4	29	98 796	79 749,399	1 415 737,100	17,752	17,285	54	79	68 274	3 789,853	27 754,110	7,323	6,856
5	30	98 754	75 560,123	1 335 987,702	17,681	17,214	55	80	65 388	3 440,418	23 964,257	6,966	6,498
6	31	98 715	71 592,963	1 260 427,579	17,605	17,138	56	81	62 233	3 103,716	20 523,840	6,613	6,145
7	32	98 675	67 832,965	1 188 834,616	17,526	17,059	57	82	58 839	2 781,481	17 420,123	6,263	5,796
8	33	98 632	64 268,562	1 121 001,651	17,442	16,975	58	83	55 147	2 471,047	14 638,643	5,924	5,457
9	34	98 588	60 890,722	1 056 733,088	17,355	16,887	59	84	51 234	2 176,034	12 167,596	5,592	5,124
10	35	98 538	57 687,277	995 842,366	17,263	16,796	60	85	47 076	1 895,173	9 991,562	5,272	4,805
11	36	98 490	54 653,250	938 155,089	17,166	16,698	61	86	42 731	1 630,592	8 096,389	4,965	4,498
12	37	98 435	51 774,967	883 501,839	17,064	16,597	62	87	38 273	1 384,325	6 465,797	4,671	4,204
13	38	98 371	49 044,148	831 726,873	16,959	16,492	63	88	33 719	1 156,033	5 081,472	4,396	3,928
14	39	98 306	46 456,312	782 682,724	16,848	16,381	64	89	29 221	949,608	3 925,439	4,134	3,667
15	40	98 226	43 998,683	736 226,413	16,733	16,266	65	90	24 733	761,830	2 975,831	3,906	3,439
16	41	98 139	41 668,040	692 227,730	16,613	16,146	66	91	20 589	601,143	2 214,000	3,683	3,216
17	42	98 035	39 453,868	650 559,689	16,489	16,022	67	92	16 651	460,807	1 612,857	3,500	3,033
18	43	97 915	37 351,087	611 105,821	16,361	15,894	68	93	13 259	347,801	1 152,050	3,312	2,845
19	44	97 767	35 350,594	573 754,734	16,230	15,763	69	94	10 309	256,340	804,249	3,137	2,670
20	45	97 610	33 453,681	538 404,141	16,094	15,627	70	95	7 814	184,153	547,909	2,975	2,508
21	46	97 433	31 652,369	504 950,459	15,953	15,486	71	96	5 765	128,778	363,756	2,825	2,357
22	47	97 244	29 943,778	473 298,090	15,806	15,339	72	97	4 133	87,516	234,978	2,685	2,218
23	48	97 033	28 321,262	443 354,312	15,654	15,187	73	98	2 876	57,722	147,463	2,555	2,088
24	49	96 811	26 783,316	415 033,050	15,496	15,029	74	99	1 939	36,880	89,741	2,433	1,966
25	50	96 557	25 320,615	388 249,734	15,333	14,866	75	100	1 263	22,767	52,860	2,322	1,855
26	51	96 292	23 934,553	362 929,119	15,163	14,696							
27	52	96 000	22 618,121	338 994,566	14,988	14,521							
28	53	95 676	21 366,586	316 376,445	14,807	14,340							
29	54	95 331	20 179,664	295 009,859	14,619	14,152							
30	55	94 965	19 054,065	274 830,194	14,424	13,957							
31	56	94 568	17 985,217	255 776,129	14,221	13,754							
32	57	94 144	16 971,171	237 790,911	14,011	13,544							
33	58	93 698	16 010,349	220 819,741	13,792	13,325							
34	59	93 214	15 097,194	204 809,392	13,566	13,099							
35	60	92 700	14 231,267	189 712,198	13,331	12,863							
36	61	92 123	13 405,383	175 480,931	13,090	12,623							
37	62	91 513	12 622,376	162 075,548	12,840	12,373							
38	63	90 849	11 877,589	149 453,172	12,583	12,116							
39	64	90 138	11 170,229	137 575,583	12,316	11,849							
40	65	89 373	10 498,015	126 405,353	12,041	11,574							
41	66	88 561	9 860,346	115 907,339	11,755	11,288							
42	67	87 683	9 253,658	106 046,993	11,460	10,993							
43	68	86 750	8 677,846	96 793,335	11,154	10,687							
44	69	85 754	8 131,047	88 115,489	10,837	10,370							
45	70	84 674	7 610,122	79 984,442	10,510	10,043							
46	71	83 506	7 113,884	72 374,321	10,174	9,706							
47	72	82 227	6 639,723	65 260,436	9,829	9,362							
48	73	80 803	6 184,555	58 620,714	9,479	9,011							
49	74	79 234	5 748,316	52 436,159	9,122	8,655							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß   5,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	49	93 528	6 431,593	88 130,922	13,703	13,236
1	0	99 613	94 420,112	1 752 107,659	18,557	18,089	51	50	92 962	6 059,413	81 699,329	13,483	13,016
2	1	99 267	89 186,386	1 657 687,547	18,587	18,120	52	51	92 318	5 703,753	75 639,916	13,261	12,794
3	2	99 222	84 498,592	1 568 501,161	18,562	18,095	53	52	91 632	5 366,175	69 936,162	13,033	12,566
4	3	99 193	80 070,387	1 484 002,569	18,534	18,067	54	53	90 876	5 044,459	64 569,988	12,800	12,333
5	4	99 169	75 877,544	1 403 932,182	18,503	18,035	55	54	90 041	4 737,580	59 525,529	12,565	12,097
6	5	99 146	71 905,501	1 328 054,638	18,469	18,002	56	55	89 147	4 445,979	54 787,949	12,323	11,856
7	6	99 126	68 142,784	1 256 149,137	18,434	17,967	57	56	88 183	4 168,658	50 341,970	12,076	11,609
8	7	99 109	64 579,370	1 188 006,353	18,396	17,929	58	57	87 144	3 904,760	46 173,312	11,825	11,358
9	8	99 092	61 202,321	1 123 426,983	18,356	17,889	59	58	86 032	3 653,983	42 268,553	11,568	11,101
10	9	99 077	58 002,851	1 062 224,662	18,313	17,846	60	59	84 835	3 415,302	38 614,570	11,306	10,839
11	10	99 062	54 970,300	1 004 221,811	18,268	17,801	61	60	83 557	3 188,485	35 199,267	11,039	10,572
12	11	99 046	52 096,381	949 251,511	18,221	17,754	62	61	82 179	2 972,410	32 010,782	10,769	10,302
13	12	99 027	49 371,012	897 155,131	18,172	17,705	63	62	80 727	2 767,677	29 038,372	10,492	10,025
14	13	99 008	46 788,211	847 784,119	18,120	17,652	64	63	79 204	2 573,883	26 270,695	10,207	9,739
15	14	98 984	44 338,387	800 995,908	18,066	17,598	65	64	77 561	2 389,103	23 696,812	9,919	9,452
16	15	98 956	42 014,871	756 657,521	18,009	17,542	66	65	75 832	2 214,059	21 307,709	9,624	9,157
17	16	98 918	39 809,172	714 642,650	17,952	17,485	67	66	73 995	2 047,801	19 093,650	9,324	8,857
18	17	98 869	37 715,224	674 833,478	17,893	17,426	68	67	72 050	1 890,030	17 045,849	9,019	8,552
19	18	98 806	35 726,081	637 118,254	17,833	17,366	69	68	70 025	1 741,146	15 155,819	8,705	8,237
20	19	98 735	33 839,305	601 392,173	17,772	17,305	70	69	67 893	1 600,122	13 414,672	8,384	7,916
21	20	98 661	32 051,296	567 552,869	17,708	17,240	71	70	65 643	1 466,428	11 814,551	8,057	7,590
22	21	98 586	30 357,217	535 501,572	17,640	17,173	72	71	63 263	1 339,601	10 348,123	7,725	7,258
23	22	98 513	28 753,304	505 144,355	17,568	17,101	73	72	60 756	1 219,435	9 008,522	7,387	6,920
24	23	98 440	27 233,958	476 391,051	17,493	17,025	74	73	58 089	1 105,126	7 789,087	7,048	6,581
25	24	98 362	25 793,836	449 157,093	17,413	16,946	75	74	55 209	995,579	6 683,961	6,714	6,246
26	25	98 288	24 430,762	423 363,257	17,329	16,862	76	75	52 153	891,446	5 688,382	6,381	5,914
27	26	98 209	23 138,575	398 932,494	17,241	16,774	77	76	48 910	792,430	4 796,937	6,053	5,586
28	27	98 124	21 913,229	375 793,920	17,149	16,682	78	77	45 482	698,469	4 004,507	5,733	5,266
29	28	98 039	20 752,775	353 880,691	17,052	16,585	79	78	41 885	609,701	3 306,038	5,422	4,955
30	29	97 949	19 652,970	333 127,917	16,951	16,483	80	79	38 156	526,461	2 696,337	5,122	4,654
31	30	97 859	18 611,146	313 474,947	16,843	16,376	81	80	34 379	449,614	2 169,875	4,826	4,359
32	31	97 761	17 623,316	294 863,801	16,731	16,264	82	81	30 543	378,624	1 720,261	4,543	4,076
33	32	97 660	16 687,244	277 240,485	16,614	16,147	83	82	26 753	314,349	1 341,637	4,268	3,801
34	33	97 551	15 799,617	260 553,241	16,491	16,024	84	83	23 055	256,783	1 027,288	4,001	3,533
35	34	97 438	14 958,590	244 753,624	16,362	15,895	85	84	19 488	205,732	770,505	3,745	3,278
36	35	97 314	14 160,830	229 795,035	16,228	15,760	86	85	16 114	161,252	564,774	3,502	3,035
37	36	97 190	13 405,431	215 634,204	16,086	15,618	87	86	12 994	123,245	403,522	3,274	2,807
38	37	97 052	12 688,480	202 228,774	15,938	15,471	88	87	10 178	91,502	280,277	3,063	2,596
39	38	96 893	12 007,364	189 540,294	15,785	15,318	89	88	7 730	65,869	188,775	2,866	2,399
40	39	96 728	11 361,993	177 532,931	15,625	15,158	90	89	5 649	45,634	122,906	2,693	2,226
41	40	96 540	10 748,730	166 170,938	15,460	14,992	91	90	3 996	30,598	77,272	2,525	2,058
42	41	96 340	10 167,231	155 422,208	15,287	14,819	92	91	2 703	19,615	46,673	2,379	1,912
43	42	96 115	9 614,734	145 254,977	15,108	14,640	93	92	1 742	11,981	27,058	2,258	1,791
44	43	95 859	9 089,143	135 640,243	14,923	14,456	94	93	1 081	7,047	15,077	2,139	1,672
45	44	95 570	8 589,358	126 551,100	14,733	14,266	95	94	640	3,953	8,030	2,032	1,564
46	45	95 251	8 114,415	117 961,742	14,537	14,070	96	95	360	2,109	4,077	1,934	1,466
47	46	94 895	7 662,625	109 847,327	14,335	13,868	97	96	192	1,067	1,969	1,845	1,377
48	47	94 488	7 231,981	102 184,702	14,130	13,662	98	97	97	0,511	0,901	1,764	1,297
49	48	94 031	6 821,799	94 952,721	13,919	13,452	99	98	46	0,231	0,390	1,691	1,224
							100	99	21	0,098	0,159	1,624	1,157

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß   5,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	48	93 694	6 442,987	88 750,105	13,775	13,307
1							51	49	93 154	6 071,907	82 307,118	13,555	13,088
2	0	99 581	89 468,452	1 658 903,010	18,542	18,075	52	50	92 522	5 716,347	76 235,211	13,336	12,869
3	1	99 248	84 520,903	1 569 434,559	18,569	18,101	53	51	91 856	5 379,337	70 518,864	13,109	12,642
4	2	99 208	80 082,314	1 484 913,656	18,542	18,075	54	52	91 126	5 058,346	65 139,527	12,878	12,410
5	3	99 180	75 886,023	1 404 831,342	18,512	18,045	55	53	90 313	4 751,866	60 081,182	12,644	12,177
6	4	99 158	71 914,072	1 328 945,319	18,480	18,012	56	54	89 432	4 460,213	55 329,315	12,405	11,938
7	5	99 136	68 149,672	1 257 031,247	18,445	17,978	57	55	88 497	4 183,480	50 869,102	12,160	11,692
8	6	99 118	64 584,995	1 188 881,575	18,408	17,941	58	56	87 474	3 919,545	46 685,622	11,911	11,444
9	7	99 101	61 207,574	1 124 296,580	18,369	17,901	59	57	86 378	3 668,645	42 766,077	11,657	11,190
10	8	99 085	58 007,123	1 063 089,006	18,327	17,860	60	58	85 211	3 430,439	39 097,432	11,397	10,930
11	9	99 068	54 974,092	1 005 081,883	18,283	17,816	61	59	83 954	3 203,612	35 666,994	11,133	10,666
12	10	99 053	52 100,078	950 107,791	18,236	17,769	62	60	82 624	2 988,517	32 463,381	10,863	10,396
13	11	99 035	49 374,960	898 007,713	18,188	17,720	63	61	81 194	2 783,674	29 474,864	10,588	10,121
14	12	99 016	46 791,978	848 632,753	18,136	17,669	64	62	79 707	2 590,221	26 691,191	10,305	9,837
15	13	98 993	44 342,359	801 840,774	18,083	17,616	65	63	78 087	2 405,310	24 100,969	10,020	9,553
16	14	98 967	42 019,425	757 498,415	18,027	17,560	66	64	76 393	2 230,451	21 695,660	9,727	9,260
17	15	98 930	39 814,180	715 478,990	17,970	17,503	67	65	74 577	2 063,920	19 465,209	9,431	8,964
18	16	98 884	37 721,028	675 664,811	17,912	17,445	68	66	72 672	1 906,338	17 401,288	9,128	8,661
19	17	98 822	35 731,815	637 943,782	17,854	17,386	69	67	70 671	1 757,194	15 494,951	8,818	8,351
20	18	98 757	33 847,036	602 211,967	17,792	17,325	70	68	68 559	1 615,812	13 737,757	8,502	8,035
21	19	98 682	32 057,917	568 364,931	17,729	17,262	71	69	66 347	1 482,171	12 121,945	8,179	7,711
22	20	98 608	30 363,958	536 307,014	17,663	17,195	72	70	64 006	1 355,329	10 639,774	7,850	7,383
23	21	98 534	28 759,323	505 943,056	17,592	17,125	73	71	61 548	1 235,343	9 284,445	7,516	7,048
24	22	98 462	27 240,069	477 183,733	17,518	17,051	74	72	58 942	1 121,360	8 049,102	7,178	6,711
25	23	98 385	25 799,734	449 943,664	17,440	16,973	75	73	56 122	1 012,036	6 927,742	6,845	6,378
26	24	98 308	24 435,702	424 143,931	17,358	16,890	76	74	53 142	908,348	5 915,706	6,513	6,045
27	25	98 231	23 143,666	399 708,229	17,271	16,804	77	75	49 983	809,806	5 007,358	6,183	5,716
28	26	98 147	21 918,416	376 564,563	17,180	16,713	78	76	46 624	716,006	4 197,552	5,862	5,395
29	27	98 065	20 758,351	354 646,147	17,085	16,617	79	77	43 080	627,086	3 481,546	5,552	5,085
30	28	97 974	19 657,941	333 887,796	16,985	16,518	80	78	39 420	543,903	2 854,459	5,248	4,781
31	29	97 887	18 616,487	314 229,855	16,879	16,412	81	79	35 674	466,553	2 310,556	4,952	4,485
32	30	97 789	17 628,305	295 613,368	16,769	16,302	82	80	31 874	395,127	1 844,003	4,667	4,200
33	31	97 689	16 692,285	277 985,063	16,654	16,186	83	81	28 089	330,057	1 448,876	4,390	3,923
34	32	97 585	15 805,219	261 292,777	16,532	16,065	84	82	24 401	271,769	1 118,820	4,117	3,650
35	33	97 473	14 964,061	245 487,558	16,405	15,938	85	83	20 792	219,497	847,051	3,859	3,392
36	34	97 356	14 166,848	230 523,497	16,272	15,805	86	84	17 371	173,822	627,554	3,610	3,143
37	35	97 229	13 410,765	216 356,649	16,133	15,666	87	85	14 166	134,364	453,732	3,377	2,910
38	36	97 098	12 694,512	202 945,884	15,987	15,520	88	86	11 236	101,020	319,368	3,161	2,694
39	37	96 945	12 013,775	190 251,372	15,836	15,369	89	87	8 668	73,869	218,348	2,956	2,489
40	38	96 782	11 368,321	178 237,597	15,678	15,211	90	88	6 437	51,992	144,479	2,779	2,312
41	39	96 604	10 755,845	166 869,275	15,514	15,047	91	89	4 655	35,642	92,487	2,595	2,128
42	40	96 408	10 174,416	156 113,430	15,344	14,877	92	90	3 198	23,208	56,845	2,449	1,982
43	41	96 193	9 622,446	145 939,014	15,167	14,699	93	91	2 118	14,570	33,637	2,309	1,841
44	42	95 944	9 097,241	136 316,567	14,984	14,517	94	92	1 333	8,692	19,067	2,194	1,727
45	43	95 668	8 598,162	127 219,327	14,796	14,329	95	93	807	4,986	10,375	2,081	1,614
46	44	95 358	8 123,539	118 621,164	14,602	14,135	96	94	465	2,724	5,389	1,978	1,511
47	45	95 016	7 672,363	110 497,626	14,402	13,935	97	95	255	1,414	2,665	1,885	1,418
48	46	94 621	7 242,186	102 825,262	14,198	13,731	98	96	132	0,695	1,252	1,801	1,334
49	47	94 185	6 832,972	95 583,077	13,989	13,521	99	97	65	0,323	0,557	1,724	1,257
							100	98	30	0,141	0,234	1,655	1,188

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß   5,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	47	93 847	6 453,539	89 320,983	13,841	13,373
1							51	48	93 319	6 082,664	82 867,443	13,624	13,156
2							52	49	92 713	5 728,133	76 784,780	13,405	12,938
3	0	99 562	84 788,213	1 570 559,742	18,523	18,056	53	50	92 059	5 391,214	71 056,647	13,180	12,713
4	1	99 234	80 103,459	1 485 771,529	18,548	18,081	54	51	91 349	5 070,753	65 665,433	12,950	12,483
5	2	99 195	75 897,327	1 405 668,070	18,521	18,053	55	52	90 561	4 764,948	60 594,680	12,717	12,250
6	3	99 169	71 922,108	1 329 770,743	18,489	18,022	56	53	89 702	4 473,663	55 829,732	12,480	12,012
7	4	99 148	68 157,795	1 257 848,635	18,455	17,988	57	54	88 780	4 196,873	51 356,069	12,237	11,770
8	5	99 128	64 591,523	1 189 690,840	18,419	17,951	58	55	87 785	3 933,482	47 159,196	11,989	11,522
9	6	99 109	61 212,905	1 125 099,316	18,380	17,913	59	56	86 705	3 682,536	43 225,714	11,738	11,271
10	7	99 093	58 012,102	1 063 886,411	18,339	17,872	60	57	85 553	3 444,204	39 543,178	11,481	11,014
11	8	99 076	54 978,141	1 005 874,309	18,296	17,829	61	58	84 326	3 217,810	36 098,974	11,218	10,751
12	9	99 060	52 103,672	950 896,168	18,250	17,783	62	59	83 016	3 002,695	32 881,164	10,951	10,483
13	10	99 042	49 378,465	898 792,496	18,202	17,735	63	60	81 634	2 798,757	29 878,468	10,676	10,208
14	11	99 024	46 795,720	849 414,031	18,152	17,684	64	61	80 167	2 605,193	27 079,711	10,395	9,927
15	12	99 001	44 345,929	802 618,311	18,099	17,632	65	62	78 583	2 420,578	24 474,518	10,111	9,644
16	13	98 976	42 023,189	758 272,382	18,044	17,577	66	63	76 911	2 245,582	22 053,940	9,821	9,354
17	14	98 941	39 818,496	716 249,193	17,988	17,521	67	64	75 130	2 079,201	19 808,359	9,527	9,060
18	15	98 897	37 725,774	676 430,697	17,930	17,463	68	65	73 244	1 921,343	17 729,158	9,227	8,760
19	16	98 837	35 737,314	638 704,923	17,872	17,405	69	66	71 280	1 772,355	15 807,815	8,919	8,452
20	17	98 773	33 852,468	602 967,609	17,812	17,344	70	67	69 191	1 630,704	14 035,460	8,607	8,140
21	18	98 704	32 065,242	569 115,141	17,749	17,281	71	68	66 998	1 496,704	12 404,756	8,288	7,821
22	19	98 628	30 370,230	537 049,900	17,683	17,216	72	69	64 693	1 369,880	10 908,051	7,963	7,496
23	20	98 556	28 765,709	506 679,669	17,614	17,147	73	70	62 271	1 249,847	9 538,172	7,631	7,164
24	21	98 482	27 245,771	477 913,960	17,541	17,074	74	71	59 711	1 135,989	8 288,325	7,296	6,829
25	22	98 407	25 805,522	450 668,189	17,464	16,997	75	72	56 946	1 026,903	7 152,336	6,965	6,498
26	23	98 330	24 441,289	424 862,667	17,383	16,916	76	73	54 021	923,363	6 125,433	6,634	6,167
27	24	98 251	23 148,345	400 421,378	17,298	16,831	77	74	50 930	825,161	5 202,070	6,304	5,837
28	25	98 169	21 923,239	377 273,033	17,209	16,742	78	75	47 646	731,707	4 376,910	5,982	5,515
29	26	98 088	20 763,265	355 349,795	17,114	16,647	79	76	44 161	642,831	3 645,203	5,671	5,203
30	27	98 001	19 663,223	334 586,530	17,016	16,549	80	77	40 544	559,412	3 002,371	5,367	4,900
31	28	97 912	18 621,196	314 923,306	16,912	16,445	81	78	36 856	482,010	2 442,959	5,068	4,601
32	29	97 817	17 633,365	296 302,110	16,803	16,336	82	79	33 075	410,013	1 960,949	4,783	4,315
33	30	97 717	16 697,011	278 668,745	16,690	16,223	83	80	29 314	344,442	1 550,936	4,503	4,036
34	31	97 615	15 809,994	261 971,734	16,570	16,103	84	81	25 620	285,349	1 206,494	4,228	3,761
35	32	97 508	14 969,367	246 161,740	16,444	15,977	85	82	22 005	232,307	921,145	3,965	3,498
36	33	97 391	14 172,030	231 192,373	16,313	15,846	86	83	18 533	185,452	688,838	3,714	3,247
37	34	97 270	13 416,464	217 020,343	16,176	15,708	87	84	15 270	144,838	503,386	3,476	3,008
38	35	97 136	12 699,564	203 603,879	16,032	15,565	88	85	12 250	110,135	358,548	3,256	2,788
39	36	96 991	12 019,487	190 904,316	15,883	15,416	89	86	9 570	81,553	248,413	3,046	2,579
40	37	96 834	11 374,392	178 884,829	15,727	15,260	90	87	7 218	58,306	166,860	2,862	2,395
41	38	96 658	10 761,837	167 510,437	15,565	15,098	91	88	5 304	40,608	108,554	2,673	2,206
42	39	96 472	10 181,152	156 748,600	15,396	14,929	92	89	3 725	27,033	67,946	2,513	2,046
43	40	96 260	9 629,247	146 567,449	15,221	14,754	93	90	2 506	17,239	40,913	2,373	1,906
44	41	96 021	9 104,538	136 938,202	15,041	14,573	94	91	1 621	10,570	23,674	2,240	1,773
45	42	95 753	8 605,822	127 833,664	14,854	14,387	95	92	995	6,150	13,105	2,131	1,664
46	43	95 456	8 131,865	119 227,842	14,662	14,195	96	93	587	3,436	6,955	2,024	1,557
47	44	95 122	7 680,990	111 095,976	14,464	13,997	97	94	329	1,826	3,519	1,927	1,460
48	45	94 741	7 251,389	103 414,986	14,261	13,794	98	95	175	0,921	1,693	1,839	1,372
49	46	94 318	6 842,614	96 163,597	14,054	13,586	99	96	88	0,439	0,772	1,759	1,292
							100	97	42	0,198	0,333	1,686	1,219

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß   5,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	46	93 980	6 462,646	89 846,202	13,902	13,435
1							51	47	93 472	6 092,626	83 383,556	13,686	13,219
2							52	48	92 877	5 738,281	77 290,931	13,469	13,002
3							53	49	92 249	5 402,330	71 552,650	13,245	12,778
4	0	99 548	80 356,799	1 486 812,756	18,503	18,035	54	50	91 551	5 081,948	66 150,320	13,017	12,550
5	1	99 221	75 917,366	1 406 455,957	18,526	18,059	55	51	90 784	4 776,635	61 068,372	12,785	12,318
6	2	99 184	71 932,822	1 330 538,590	18,497	18,030	56	52	89 949	4 485,979	56 291,736	12,548	12,081
7	3	99 159	68 165,411	1 258 605,768	18,464	17,997	57	53	89 048	4 209,530	51 805,758	12,307	11,840
8	4	99 140	64 599,222	1 190 440,357	18,428	17,961	58	54	88 066	3 946,075	47 596,228	12,062	11,594
9	5	99 119	61 219,093	1 125 841,135	18,390	17,923	59	55	87 013	3 695,630	43 650,153	11,811	11,344
10	6	99 102	58 017,154	1 064 622,042	18,350	17,883	60	56	85 877	3 457,245	39 954,523	11,557	11,090
11	7	99 084	54 982,860	1 006 604,887	18,308	17,840	61	57	84 664	3 230,722	36 497,278	11,297	10,830
12	8	99 067	52 107,510	951 622,027	18,263	17,795	62	58	83 384	3 016,003	33 266,556	11,030	10,563
13	9	99 049	49 381,871	899 514,517	18,215	17,748	63	59	82 021	2 812,036	30 250,553	10,758	10,290
14	10	99 031	46 799,042	850 132,646	18,166	17,698	64	60	80 602	2 619,309	27 438,517	10,475	10,008
15	11	99 009	44 349,475	803 333,605	18,114	17,647	65	61	79 037	2 434,569	24 819,208	10,194	9,727
16	12	98 984	42 026,573	758 984,129	18,060	17,592	66	62	77 400	2 259,836	22 384,639	9,905	9,438
17	13	98 950	39 822,063	716 957,557	18,004	17,537	67	63	75 639	2 093,305	20 124,803	9,614	9,147
18	14	98 908	37 729,863	677 135,494	17,947	17,480	68	64	73 786	1 935,568	18 031,498	9,316	8,849
19	15	98 849	35 741,810	639 405,631	17,890	17,422	69	65	71 842	1 786,306	16 095,930	9,011	8,544
20	16	98 788	33 857,678	603 663,821	17,829	17,362	70	66	69 788	1 644,774	14 309,624	8,700	8,233
21	17	98 720	32 070,388	569 806,143	17,767	17,300	71	67	67 615	1 510,499	12 664,850	8,385	7,917
22	18	98 651	30 377,169	537 735,755	17,702	17,235	72	68	65 328	1 383,312	11 154,351	8,064	7,596
23	19	98 576	28 771,652	507 358,586	17,634	17,167	73	69	62 940	1 263,265	9 771,039	7,735	7,268
24	20	98 504	27 251,821	478 586,935	17,562	17,094	74	70	60 412	1 149,326	8 507,774	7,402	6,935
25	21	98 427	25 810,924	451 335,114	17,486	17,019	75	71	57 689	1 040,299	7 358,448	7,073	6,606
26	22	98 353	24 446,773	425 524,190	17,406	16,939	76	72	54 814	936,927	6 318,149	6,743	6,276
27	23	98 273	23 153,637	401 077,417	17,322	16,855	77	73	51 772	838,800	5 381,221	6,415	5,948
28	24	98 189	21 927,671	377 923,780	17,235	16,768	78	74	48 550	745,581	4 542,421	6,092	5,625
29	25	98 110	20 767,834	355 996,109	17,142	16,675	79	75	45 130	656,928	3 796,840	5,780	5,313
30	26	98 024	19 667,878	335 228,275	17,044	16,577	80	76	41 562	573,458	3 139,913	5,475	5,008
31	27	97 938	18 626,200	315 560,397	16,942	16,475	81	77	37 907	495,754	2 566,455	5,177	4,710
32	28	97 842	17 637,825	296 934,197	16,835	16,368	82	78	34 171	423,597	2 070,700	4,888	4,421
33	29	97 745	16 701,803	279 296,372	16,723	16,255	83	79	30 418	357,419	1 647,104	4,608	4,141
34	30	97 642	15 814,470	262 594,569	16,605	16,138	84	80	26 737	297,786	1 289,685	4,331	3,864
35	31	97 537	14 973,890	246 780,099	16,481	16,014	85	81	23 105	243,915	991,899	4,067	3,599
36	32	97 426	14 177,055	231 806,209	16,351	15,884	86	82	19 614	196,275	747,984	3,811	3,344
37	33	97 306	13 421,371	217 629,153	16,215	15,748	87	83	16 292	154,529	551,709	3,570	3,103
38	34	97 178	12 704,960	204 207,782	16,073	15,606	88	84	13 205	118,720	397,179	3,346	2,878
39	35	97 030	12 024,270	191 502,822	15,926	15,459	89	85	10 433	88,911	278,459	3,132	2,665
40	36	96 880	11 379,800	179 478,552	15,772	15,304	90	86	7 969	64,371	189,549	2,945	2,477
41	37	96 709	10 767,583	168 098,753	15,612	15,144	91	87	5 948	45,540	125,178	2,749	2,282
42	38	96 525	10 186,823	157 331,170	15,445	14,977	92	88	4 244	30,800	79,638	2,586	2,118
43	39	96 324	9 635,621	147 144,347	15,271	14,804	93	89	2 919	20,080	48,838	2,432	1,965
44	40	96 089	9 110,972	137 508,726	15,093	14,625	94	90	1 918	12,506	28,758	2,300	1,832
45	41	95 830	8 612,725	128 397,753	14,908	14,441	95	91	1 210	7,479	16,252	2,173	1,706
46	42	95 541	8 139,110	119 785,028	14,717	14,250	96	92	723	4,238	8,774	2,070	1,603
47	43	95 220	7 688,863	111 645,918	14,520	14,053	97	93	415	2,303	4,536	1,969	1,502
48	44	94 848	7 259,543	103 957,055	14,320	13,853	98	94	226	1,189	2,232	1,877	1,410
49	45	94 437	6 851,310	96 697,512	14,114	13,647	99	95	117	0,582	1,043	1,794	1,327
							100	96	57	0,269	0,462	1,718	1,251

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß   5,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	45	94 099	6 470,859	90 328,839	13,959	13,492
1							51	46	93 604	6 101,223	83 857,980	13,744	13,277
2							52	47	93 029	5 747,679	77 756,757	13,528	13,061
3							53	48	92 412	5 411,900	72 009,078	13,306	12,839
4							54	49	91 740	5 092,427	66 597,178	13,078	12,611
5	0	99 535	76 157,467	1 407 419,221	18,480	18,013	55	50	90 984	4 787,181	61 504,751	12,848	12,381
6	1	99 210	71 951,815	1 331 261,754	18,502	18,035	56	51	90 169	4 496,982	56 717,570	12,612	12,145
7	2	99 174	68 175,566	1 259 309,939	18,472	18,004	57	52	89 293	4 221,118	52 220,588	12,371	11,904
8	3	99 151	64 606,441	1 191 134,373	18,437	17,970	58	53	88 332	3 957,975	47 999,469	12,127	11,660
9	4	99 131	61 226,390	1 126 527,932	18,399	17,932	59	54	87 291	3 707,462	44 041,495	11,879	11,412
10	5	99 112	58 023,019	1 065 301,543	18,360	17,893	60	55	86 183	3 469,538	40 334,033	11,625	11,158
11	6	99 093	54 987,649	1 007 278,523	18,318	17,851	61	56	84 985	3 242,955	36 864,495	11,368	10,900
12	7	99 076	52 111,983	952 290,875	18,274	17,807	62	57	83 719	3 028,105	33 621,540	11,103	10,636
13	8	99 056	49 385,508	900 178,892	18,228	17,760	63	58	82 385	2 824,498	30 593,435	10,831	10,364
14	9	99 038	46 802,270	850 793,384	18,178	17,711	64	59	80 984	2 631,736	27 768,936	10,552	10,084
15	10	99 016	44 352,623	803 991,114	18,127	17,660	65	60	79 466	2 447,761	25 137,200	10,269	9,802
16	11	98 992	42 029,934	759 638,491	18,074	17,607	66	61	77 847	2 272,897	22 689,440	9,983	9,515
17	12	98 958	39 825,269	717 608,557	18,019	17,552	67	62	76 119	2 106,593	20 416,542	9,692	9,225
18	13	98 916	37 733,243	677 783,288	17,962	17,495	68	63	74 287	1 948,698	18 309,949	9,396	8,929
19	14	98 860	35 745,685	640 050,045	17,906	17,438	69	64	72 373	1 799,531	16 361,251	9,092	8,625
20	15	98 801	33 861,937	604 304,361	17,846	17,379	70	65	70 337	1 657,721	14 561,720	8,784	8,317
21	16	98 735	32 075,323	570 442,423	17,784	17,317	71	66	68 199	1 523,532	12 903,999	8,470	8,003
22	17	98 667	30 382,044	538 367,100	17,720	17,253	72	67	65 930	1 396,062	11 380,467	8,152	7,685
23	18	98 599	28 778,225	507 985,056	17,652	17,185	73	68	63 557	1 275,652	9 984,406	7,827	7,360
24	19	98 525	27 257,450	479 206,831	17,581	17,114	74	69	61 061	1 161,665	8 708,754	7,497	7,030
25	20	98 449	25 816,655	451 949,380	17,506	17,039	75	70	58 366	1 052,513	7 547,089	7,171	6,703
26	21	98 373	24 451,890	426 132,725	17,427	16,960	76	71	55 529	949,150	6 494,575	6,843	6,375
27	22	98 295	23 158,832	401 680,835	17,345	16,877	77	72	52 533	851,123	5 545,426	6,515	6,048
28	23	98 211	21 932,684	378 522,002	17,258	16,791	78	73	49 352	757,905	4 694,303	6,194	5,727
29	24	98 130	20 772,032	356 589,318	17,167	16,700	79	74	45 985	669,383	3 936,398	5,881	5,413
30	25	98 045	19 672,206	335 817,285	17,071	16,603	80	75	42 474	586,033	3 267,015	5,575	5,108
31	26	97 961	18 630,609	316 145,080	16,969	16,502	81	76	38 858	508,202	2 680,982	5,275	4,808
32	27	97 868	17 642,565	297 514,471	16,863	16,396	82	77	35 145	435,675	2 172,780	4,987	4,520
33	28	97 770	16 706,028	279 871,906	16,753	16,286	83	78	31 426	369,260	1 737,105	4,704	4,237
34	29	97 670	15 819,009	263 165,878	16,636	16,169	84	79	27 744	309,005	1 367,845	4,427	3,959
35	30	97 565	14 978,129	247 346,869	16,514	16,047	85	80	24 112	254,546	1 058,840	4,160	3,693
36	31	97 455	14 181,338	232 368,740	16,386	15,918	86	81	20 595	206,083	804,294	3,903	3,436
37	32	97 340	13 426,130	218 187,402	16,251	15,784	87	82	17 243	163,548	598,211	3,658	3,191
38	33	97 213	12 709,607	204 761,272	16,111	15,644	88	83	14 089	126,663	434,663	3,432	2,964
39	34	97 071	12 029,379	192 051,664	15,965	15,498	89	84	11 247	95,841	308,000	3,214	2,746
40	35	96 918	11 384,328	180 022,285	15,813	15,346	90	85	8 688	70,179	212,158	3,023	2,556
41	36	96 755	10 772,702	168 637,957	15,654	15,187	91	86	6 567	50,277	141,980	2,824	2,357
42	37	96 577	10 192,262	157 865,255	15,489	15,022	92	87	4 759	34,540	91,703	2,655	2,188
43	38	96 378	9 640,989	147 672,993	15,317	14,850	93	88	3 326	22,878	57,162	2,499	2,031
44	39	96 152	9 117,004	138 032,004	15,140	14,673	94	89	2 234	14,567	34,285	2,354	1,886
45	40	95 898	8 618,812	128 915,000	14,957	14,490	95	90	1 432	8,848	19,718	2,228	1,761
46	41	95 618	8 145,638	120 296,188	14,768	14,301	96	91	880	5,154	10,869	2,109	1,642
47	42	95 305	7 695,713	112 150,550	14,573	14,106	97	92	512	2,841	5,715	2,012	1,545
48	43	94 945	7 266,984	104 454,837	14,374	13,907	98	93	285	1,500	2,874	1,916	1,449
49	44	94 544	6 859,014	97 187,853	14,169	13,702	99	94	151	0,751	1,374	1,829	1,362
							100	95	75	0,356	0,623	1,751	1,283

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß   5,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	44	94 205	6 478,135	90 771,759	14,012	13,545
1							51	45	93 723	6 108,977	84 293,624	13,798	13,331
2							52	46	93 161	5 755,789	78 184,647	13,584	13,116
3							53	47	92 564	5 420,764	72 428,858	13,361	12,894
4							54	48	91 902	5 101,448	67 008,094	13,135	12,668
5							55	49	91 172	4 797,052	61 906,646	12,905	12,438
6	0	99 524	72 179,374	1 332 152,731	18,456	17,989	56	50	90 368	4 506,911	57 109,594	12,672	12,204
7	1	99 200	68 193,566	1 259 973,358	18,476	18,009	57	51	89 512	4 231,472	52 602,683	12,431	11,964
8	2	99 165	64 616,065	1 191 779,791	18,444	17,977	58	52	88 575	3 968,871	48 371,211	12,188	11,720
9	3	99 142	61 233,232	1 127 163,726	18,408	17,941	59	53	87 555	3 718,642	44 402,340	11,940	11,473
10	4	99 124	58 029,935	1 065 930,495	18,369	17,901	60	54	86 458	3 480,646	40 683,699	11,689	11,221
11	5	99 103	54 993,207	1 007 900,560	18,328	17,861	61	55	85 287	3 254,486	37 203,053	11,431	10,964
12	6	99 084	52 116,521	952 907,352	18,284	17,817	62	56	84 036	3 039,571	33 948,566	11,169	10,702
13	7	99 065	49 389,747	900 790,831	18,238	17,771	63	57	82 715	2 835,832	30 908,995	10,899	10,432
14	8	99 045	46 805,717	851 401,084	18,190	17,723	64	58	81 343	2 643,400	28 073,164	10,620	10,153
15	9	99 023	44 355,683	804 595,367	18,140	17,672	65	59	79 843	2 459,374	25 429,764	10,340	9,873
16	10	98 999	42 032,917	760 239,684	18,087	17,620	66	60	78 269	2 285,213	22 970,390	10,052	9,585
17	11	98 966	39 828,454	718 206,767	18,033	17,565	67	61	76 559	2 118,769	20 685,177	9,763	9,296
18	12	98 924	37 736,281	678 378,314	17,977	17,510	68	62	74 758	1 961,068	18 566,408	9,467	9,000
19	13	98 869	35 748,887	640 642,033	17,921	17,453	69	63	72 864	1 811,738	16 605,340	9,165	8,698
20	14	98 812	33 865,608	604 893,146	17,862	17,394	70	64	70 858	1 669,994	14 793,602	8,858	8,391
21	15	98 748	32 079,359	571 027,538	17,800	17,333	71	65	68 736	1 535,524	13 123,607	8,547	8,079
22	16	98 682	30 386,720	538 948,179	17,736	17,269	72	66	66 499	1 408,107	11 588,083	8,230	7,762
23	17	98 614	28 782,844	508 561,459	17,669	17,202	73	67	64 143	1 287,409	10 179,976	7,907	7,440
24	18	98 547	27 263,678	479 778,615	17,598	17,131	74	68	61 660	1 173,056	8 892,567	7,581	7,113
25	19	98 469	25 821,989	452 514,938	17,524	17,057	75	69	58 993	1 063,813	7 719,511	7,256	6,789
26	20	98 395	24 457,320	426 692,949	17,446	16,979	76	70	56 181	960,294	6 655,699	6,931	6,464
27	21	98 316	23 163,680	402 235,629	17,365	16,898	77	71	53 218	862,226	5 695,405	6,605	6,138
28	22	98 233	21 937,606	379 071,949	17,280	16,812	78	72	50 077	769,039	4 833,179	6,285	5,818
29	23	98 152	20 776,782	357 134,343	17,189	16,722	79	73	46 745	680,448	4 064,140	5,973	5,506
30	24	98 065	19 676,183	336 357,562	17,095	16,627	80	74	43 279	597,144	3 383,692	5,666	5,199
31	25	97 983	18 634,709	316 681,379	16,994	16,527	81	75	39 711	519,346	2 786,548	5,365	4,898
32	26	97 891	17 646,741	298 046,670	16,890	16,422	82	76	36 027	446,614	2 267,202	5,076	4,609
33	27	97 796	16 710,517	280 399,930	16,780	16,313	83	77	32 322	379,790	1 820,588	4,794	4,326
34	28	97 695	15 823,010	263 689,412	16,665	16,198	84	78	28 663	319,243	1 440,799	4,513	4,046
35	29	97 593	14 982,428	247 866,402	16,544	16,077	85	79	25 020	264,136	1 121,556	4,246	3,779
36	30	97 483	14 185,353	232 883,974	16,417	15,950	86	80	21 492	215,065	857,420	3,987	3,520
37	31	97 370	13 430,186	218 698,621	16,284	15,817	87	81	18 104	171,720	642,355	3,741	3,274
38	32	97 248	12 714,114	205 268,435	16,145	15,678	88	82	14 911	134,056	470,635	3,511	3,044
39	33	97 106	12 033,779	192 554,321	16,001	15,534	89	83	11 999	102,254	336,580	3,292	2,824
40	34	96 959	11 389,166	180 520,541	15,850	15,383	90	84	9 365	75,649	234,326	3,098	2,630
41	35	96 794	10 776,989	169 131,376	15,694	15,227	91	85	7 159	54,813	158,676	2,895	2,428
42	36	96 623	10 197,108	158 354,387	15,529	15,062	92	86	5 254	38,133	103,863	2,724	2,257
43	37	96 429	9 646,137	148 157,279	15,359	14,892	93	87	3 730	25,656	65,730	2,562	2,095
44	38	96 206	9 122,082	138 511,142	15,184	14,717	94	88	2 545	16,597	40,074	2,415	1,947
45	39	95 961	8 624,518	129 389,060	15,002	14,535	95	89	1 668	10,307	23,477	2,278	1,811
46	40	95 685	8 151,395	120 764,542	14,815	14,348	96	90	1 041	6,098	13,171	2,160	1,693
47	41	95 381	7 701,886	112 613,147	14,622	14,154	97	91	622	3,455	7,073	2,047	1,580
48	42	95 030	7 273,458	104 911,261	14,424	13,957	98	92	352	1,850	3,618	1,955	1,488
49	43	94 641	6 866,044	97 637,803	14,220	13,753	99	93	190	0,948	1,768	1,865	1,398
							100	94	97	0,460	0,820	1,783	1,316

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß   5,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$\ddot{a}_{xy}^{(12)}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$\ddot{a}_{xy}^{(12)}$
0							50	43	94 301	6 484,775	91 177,953	14,060	13,593
1							51	44	93 828	6 115,846	84 693,178	13,848	13,381
2							52	45	93 279	5 763,104	78 577,332	13,635	13,167
3							53	46	92 694	5 428,413	72 814,228	13,414	12,946
4							54	47	92 053	5 109,804	67 385,815	13,188	12,720
5							55	48	91 333	4 805,550	62 276,011	12,959	12,492
6							56	49	90 555	4 516,204	57 470,461	12,725	12,258
7	0	99 513	68 409,239	1 260 797,394	18,430	17,963	57	50	89 710	4 240,814	52 954,257	12,487	12,020
8	1	99 192	64 633,126	1 192 388,155	18,449	17,981	58	51	88 792	3 978,606	48 713,443	12,244	11,777
9	2	99 157	61 242,353	1 127 755,029	18,415	17,947	59	52	87 796	3 728,879	44 734,838	11,997	11,530
10	3	99 135	58 036,420	1 066 512,676	18,377	17,909	60	53	86 719	3 491,142	41 005,959	11,746	11,279
11	4	99 115	54 999,762	1 008 476,256	18,336	17,869	61	54	85 560	3 264,906	37 514,817	11,490	11,023
12	5	99 094	52 121,789	953 476,494	18,293	17,826	62	55	84 335	3 050,379	34 249,911	11,228	10,761
13	6	99 073	49 394,049	901 354,705	18,248	17,781	63	56	83 028	2 846,570	31 199,532	10,960	10,493
14	7	99 054	46 809,735	851 960,656	18,201	17,733	64	57	81 669	2 654,007	28 352,963	10,683	10,216
15	8	99 030	44 358,950	805 150,921	18,151	17,684	65	58	80 196	2 470,273	25 698,956	10,403	9,936
16	9	99 005	42 035,816	760 791,971	18,099	17,631	66	59	78 640	2 296,055	23 228,683	10,117	9,650
17	10	98 973	39 831,280	718 756,155	18,045	17,578	67	60	76 974	2 130,250	20 932,627	9,826	9,359
18	11	98 932	37 739,299	678 924,875	17,990	17,523	68	61	75 190	1 972,403	18 802,378	9,533	9,066
19	12	98 877	35 751,765	641 185,576	17,934	17,467	69	62	73 327	1 823,239	16 829,975	9,231	8,764
20	13	98 820	33 868,642	605 433,811	17,876	17,409	70	63	71 338	1 681,323	15 006,736	8,926	8,458
21	14	98 758	32 082,836	571 565,169	17,815	17,348	71	64	69 244	1 546,893	13 325,413	8,614	8,147
22	15	98 694	30 390,543	539 482,333	17,752	17,284	72	65	67 022	1 419,191	11 778,521	8,299	7,832
23	16	98 630	28 787,273	509 091,790	17,685	17,217	73	66	64 696	1 298,517	10 359,330	7,978	7,511
24	17	98 563	27 268,053	480 304,517	17,614	17,147	74	67	62 228	1 183,868	9 060,813	7,654	7,186
25	18	98 492	25 827,888	453 036,463	17,541	17,073	75	68	59 571	1 074,244	7 876,946	7,333	6,865
26	19	98 415	24 462,372	427 208,575	17,464	16,997	76	69	56 784	970,603	6 802,702	7,009	6,542
27	20	98 338	23 168,824	402 746,203	17,383	16,916	77	70	53 843	872,349	5 832,099	6,686	6,218
28	21	98 254	21 942,198	379 577,380	17,299	16,832	78	71	50 730	779,071	4 959,750	6,366	5,899
29	22	98 174	20 781,444	357 635,182	17,209	16,742	79	72	47 432	690,444	4 180,678	6,055	5,588
30	23	98 088	19 680,682	336 853,738	17,116	16,649	80	73	43 994	607,015	3 490,234	5,750	5,283
31	24	98 002	18 638,476	317 173,057	17,017	16,550	81	74	40 463	529,193	2 883,219	5,448	4,981
32	25	97 913	17 650,624	298 534,581	16,914	16,446	82	75	36 818	456,407	2 354,026	5,158	4,691
33	26	97 819	16 714,473	280 883,957	16,805	16,338	83	76	33 133	389,325	1 897,619	4,874	4,407
34	27	97 721	15 827,262	264 169,484	16,691	16,224	84	77	29 481	328,346	1 508,294	4,594	4,126
35	28	97 618	14 986,218	248 342,222	16,571	16,104	85	78	25 849	272,887	1 179,948	4,324	3,857
36	29	97 511	14 189,424	233 356,005	16,446	15,979	86	79	22 302	223,167	907,061	4,064	3,597
37	30	97 397	13 433,989	219 166,580	16,314	15,847	87	80	18 894	179,205	683,894	3,816	3,349
38	31	97 277	12 717,955	205 732,591	16,177	15,709	88	81	15 656	140,754	504,689	3,586	3,118
39	32	97 141	12 038,047	193 014,636	16,034	15,567	89	82	12 699	108,222	363,935	3,363	2,896
40	33	96 995	11 393,331	180 976,590	15,884	15,417	90	83	9 992	80,711	255,713	3,168	2,701
41	34	96 835	10 781,569	169 583,258	15,729	15,262	91	84	7 717	59,086	175,002	2,962	2,495
42	35	96 661	10 201,166	158 801,689	15,567	15,100	92	85	5 729	41,574	115,917	2,788	2,321
43	36	96 475	9 650,723	148 600,524	15,398	14,931	93	86	4 118	28,325	74,343	2,625	2,157
44	37	96 257	9 126,953	138 949,801	15,224	14,757	94	87	2 854	18,612	46,018	2,472	2,005
45	38	96 015	8 629,322	129 822,848	15,044	14,577	95	88	1 900	11,743	27,406	2,334	1,867
46	39	95 749	8 156,791	121 193,526	14,858	14,391	96	89	1 212	7,103	15,663	2,205	1,738
47	40	95 449	7 707,329	113 036,735	14,666	14,199	97	90	736	4,088	8,560	2,094	1,627
48	41	95 106	7 279,292	105 329,406	14,470	14,003	98	91	427	2,250	4,472	1,988	1,521
49	42	94 725	6 872,161	98 050,114	14,268	13,801	99	92	234	1,169	2,222	1,901	1,434
							100	93	123	0,580	1,054	1,816	1,349

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß   5,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	42	94 385	6 490,552	91 549,982	14,105	13,638
1							51	43	93 924	6 122,114	85 059,430	13,894	13,427
2							52	44	93 384	5 769,584	78 937,316	13,682	13,214
3							53	45	92 812	5 435,312	73 167,732	13,462	12,994
4							54	46	92 183	5 117,014	67 732,420	13,237	12,770
5							55	47	91 483	4 813,421	62 615,406	13,009	12,541
6							56	48	90 715	4 524,204	57 801,985	12,776	12,309
7							57	49	89 895	4 249,558	53 277,781	12,537	12,070
8	0	99 505	64 837,538	1 193 150,274	18,402	17,935	58	50	88 988	3 987,390	49 028,222	12,296	11,829
9	1	99 183	61 258,523	1 128 312,736	18,419	17,952	59	51	88 011	3 738,025	45 040,833	12,049	11,582
10	2	99 149	58 045,065	1 067 054,212	18,383	17,916	60	52	86 958	3 500,753	41 302,807	11,798	11,331
11	3	99 126	55 005,908	1 009 009,147	18,344	17,876	61	53	85 818	3 274,751	37 802,055	11,543	11,076
12	4	99 106	52 128,002	954 003,239	18,301	17,834	62	54	84 605	3 060,144	34 527,303	11,283	10,816
13	5	99 083	49 399,042	901 875,237	18,257	17,790	63	55	83 324	2 856,691	31 467,159	11,015	10,548
14	6	99 062	46 813,812	852 476,195	18,210	17,743	64	56	81 979	2 664,056	28 610,468	10,739	10,272
15	7	99 039	44 362,757	805 662,384	18,161	17,694	65	57	80 518	2 480,186	25 946,412	10,461	9,994
16	8	99 013	42 038,912	761 299,626	18,109	17,642	66	58	78 989	2 306,231	23 466,226	10,175	9,708
17	9	98 980	39 834,028	719 260,714	18,056	17,589	67	59	77 339	2 140,356	21 159,995	9,886	9,419
18	10	98 939	37 741,977	679 426,686	18,002	17,535	68	60	75 598	1 983,091	19 019,638	9,591	9,124
19	11	98 885	35 754,624	641 684,708	17,947	17,480	69	61	73 751	1 833,777	17 036,548	9,290	8,823
20	12	98 828	33 871,368	605 930,084	17,889	17,422	70	62	71 791	1 691,995	15 202,771	8,985	8,518
21	13	98 767	32 085,710	572 058,716	17,829	17,362	71	63	69 714	1 557,386	13 510,776	8,675	8,208
22	14	98 705	30 393,837	539 973,006	17,766	17,299	72	64	67 518	1 429,698	11 953,390	8,361	7,894
23	15	98 642	28 790,895	509 579,168	17,699	17,232	73	65	65 205	1 308,738	10 523,692	8,041	7,574
24	16	98 578	27 272,250	480 788,273	17,629	17,162	74	66	62 765	1 194,082	9 214,954	7,717	7,250
25	17	98 508	25 832,033	453 516,024	17,556	17,089	75	67	60 120	1 084,145	8 020,872	7,398	6,931
26	18	98 438	24 467,961	427 683,990	17,479	17,012	76	68	57 341	980,120	6 936,727	7,077	6,610
27	19	98 358	23 173,610	403 216,029	17,400	16,933	77	69	54 421	881,714	5 956,606	6,756	6,289
28	20	98 276	21 947,070	380 042,420	17,316	16,849	78	70	51 326	788,219	5 074,892	6,438	5,971
29	21	98 195	20 785,794	358 095,350	17,228	16,761	79	71	48 051	699,451	4 286,674	6,129	5,661
30	22	98 110	19 685,097	337 309,556	17,135	16,668	80	72	44 641	615,932	3 587,223	5,824	5,357
31	23	98 025	18 642,737	317 624,458	17,037	16,570	81	73	41 132	537,940	2 971,290	5,523	5,056
32	24	97 932	17 654,192	298 981,721	16,935	16,468	82	74	37 516	465,061	2 433,350	5,232	4,765
33	25	97 841	16 718,150	281 327,529	16,828	16,360	83	75	33 860	397,863	1 968,289	4,947	4,480
34	26	97 744	15 831,009	264 609,378	16,715	16,247	84	76	30 221	336,590	1 570,426	4,666	4,199
35	27	97 644	14 990,245	248 778,370	16,596	16,129	85	77	26 586	280,668	1 233,837	4,396	3,929
36	28	97 536	14 193,013	233 788,125	16,472	16,005	86	78	23 041	230,561	953,169	4,134	3,667
37	29	97 425	13 437,844	219 595,111	16,342	15,874	87	79	19 605	185,956	722,608	3,886	3,419
38	30	97 305	12 721,556	206 157,267	16,205	15,738	88	80	16 338	146,889	536,652	3,653	3,186
39	31	97 170	12 041,683	193 435,711	16,064	15,597	89	81	13 334	113,629	389,763	3,430	2,963
40	32	97 029	11 397,371	181 394,028	15,915	15,448	90	82	10 575	85,421	276,133	3,233	2,765
41	33	96 871	10 785,512	169 996,656	15,762	15,294	91	83	8 233	63,039	190,712	3,025	2,558
42	34	96 702	10 205,501	159 211,144	15,601	15,133	92	84	6 175	44,814	127,673	2,849	2,382
43	35	96 514	9 654,563	149 005,643	15,434	14,967	93	85	4 489	30,881	82,858	2,683	2,216
44	36	96 303	9 131,292	139 351,080	15,261	14,794	94	86	3 151	20,548	51,978	2,530	2,062
45	37	96 066	8 633,930	130 219,788	15,082	14,615	95	87	2 131	13,169	31,430	2,387	1,919
46	38	95 802	8 161,335	121 585,858	14,898	14,431	96	88	1 381	8,093	18,261	2,256	1,789
47	39	95 512	7 712,431	113 424,524	14,707	14,240	97	89	858	4,762	10,168	2,135	1,668
48	40	95 173	7 284,437	105 712,092	14,512	14,045	98	90	506	2,662	5,406	2,031	1,564
49	41	94 801	6 877,673	98 427,656	14,311	13,844	99	91	285	1,421	2,745	1,931	1,464
							100	92	151	0,715	1,323	1,850	1,382

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß   5,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$(12)\,ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$(12)\,ä_{xy}$
0							50	41	94 461	6 495,758	91 890,510	14,146	13,679
1							51	42	94 008	6 127,568	85 394,751	13,936	13,469
2							52	43	93 480	5 775,498	79 267,183	13,725	13,258
3							53	44	92 917	5 441,423	73 491,685	13,506	13,039
4							54	45	92 300	5 123,517	68 050,262	13,282	12,815
5							55	46	91 612	4 820,213	62 926,745	13,055	12,588
6							56	47	90 864	4 531,614	58 106,532	12,822	12,355
7							57	48	90 054	4 257,087	53 574,918	12,585	12,118
8							58	49	89 171	3 995,611	49 317,831	12,343	11,876
9	0	99 497	61 452,263	1 129 017,632	18,372	17,905	59	50	88 205	3 746,278	45 322,220	12,098	11,631
10	1	99 176	58 060,391	1 067 565,369	18,387	17,920	60	51	87 171	3 509,339	41 575,941	11,847	11,380
11	2	99 140	55 014,102	1 009 504,978	18,350	17,883	61	52	86 054	3 283,766	38 066,602	11,592	11,125
12	3	99 117	52 133,827	954 490,876	18,308	17,841	62	53	84 860	3 069,373	34 782,835	11,332	10,865
13	4	99 095	49 404,930	902 357,049	18,265	17,797	63	54	83 590	2 865,837	31 713,463	11,066	10,599
14	5	99 072	46 818,544	852 952,119	18,218	17,751	64	55	82 270	2 673,529	28 847,626	10,790	10,323
15	6	99 047	44 366,621	806 133,575	18,170	17,703	65	56	80 823	2 489,577	26 174,097	10,513	10,046
16	7	99 021	42 042,521	761 766,954	18,119	17,652	66	57	79 306	2 315,485	23 684,520	10,229	9,762
17	8	98 987	39 836,962	719 724,433	18,067	17,600	67	58	77 682	2 149,842	21 369,035	9,940	9,473
18	9	98 946	37 744,581	679 887,471	18,013	17,546	68	59	75 957	1 992,499	19 219,193	9,646	9,179
19	10	98 892	35 757,162	642 142,890	17,958	17,491	69	60	74 150	1 843,713	17 226,694	9,343	8,876
20	11	98 836	33 874,077	606 385,728	17,901	17,434	70	61	72 206	1 701,775	15 382,981	9,039	8,572
21	12	98 775	32 088,293	572 511,651	17,842	17,375	71	62	70 157	1 567,272	13 681,206	8,729	8,262
22	13	98 714	30 396,560	540 423,357	17,779	17,312	72	63	67 976	1 439,397	12 113,934	8,416	7,949
23	14	98 653	28 794,016	510 026,797	17,713	17,246	73	64	65 688	1 318,428	10 674,537	8,096	7,629
24	15	98 590	27 275,681	481 232,782	17,643	17,176	74	65	63 259	1 203,481	9 356,110	7,774	7,307
25	16	98 523	25 836,009	453 957,101	17,571	17,104	75	66	60 639	1 093,499	8 152,629	7,456	6,988
26	17	98 454	24 471,888	428 121,092	17,494	17,027	76	67	57 870	989,154	7 059,130	7,137	6,669
27	18	98 381	23 178,904	403 649,204	17,415	16,947	77	68	54 955	890,360	6 069,976	6,817	6,350
28	19	98 296	21 951,604	380 470,300	17,332	16,865	78	69	51 877	796,680	5 179,616	6,501	6,034
29	20	98 216	20 790,409	358 518,696	17,244	16,777	79	70	48 615	707,663	4 382,936	6,194	5,726
30	21	98 130	19 689,218	337 728,287	17,153	16,686	80	71	45 223	623,967	3 675,272	5,890	5,423
31	22	98 047	18 646,921	318 039,069	17,056	16,589	81	72	41 737	545,843	3 051,305	5,590	5,123
32	23	97 955	17 658,229	299 392,148	16,955	16,488	82	73	38 136	472,749	2 505,462	5,300	4,833
33	24	97 860	16 721,530	281 733,920	16,849	16,381	83	74	34 502	405,406	2 032,714	5,014	4,547
34	25	97 766	15 834,492	265 012,389	16,736	16,269	84	75	30 884	343,970	1 627,307	4,731	4,264
35	26	97 667	14 993,793	249 177,897	16,619	16,152	85	76	27 253	287,715	1 283,337	4,460	3,993
36	27	97 562	14 196,827	234 184,104	16,496	16,028	86	77	23 698	237,135	995,622	4,199	3,731
37	28	97 450	13 441,243	219 987,277	16,367	15,899	87	78	20 255	192,117	758,487	3,948	3,481
38	29	97 333	12 725,207	206 546,033	16,231	15,764	88	79	16 954	152,423	566,370	3,716	3,249
39	30	97 198	12 045,093	193 820,826	16,091	15,624	89	80	13 915	118,582	413,947	3,491	3,024
40	31	97 059	11 400,815	181 775,734	15,944	15,477	90	81	11 104	89,690	295,365	3,293	2,826
41	32	96 905	10 789,337	170 374,919	15,791	15,324	91	82	8 714	66,718	205,675	3,083	2,616
42	33	96 738	10 209,233	159 585,582	15,631	15,164	92	83	6 588	47,813	138,957	2,906	2,439
43	34	96 555	9 658,666	149 376,349	15,466	14,998	93	84	4 839	33,288	91,144	2,738	2,271
44	35	96 341	9 134,926	139 717,683	15,295	14,828	94	85	3 436	22,402	57,856	2,583	2,115
45	36	96 112	8 638,034	130 582,757	15,117	14,650	95	86	2 352	14,539	35,454	2,439	1,971
46	37	95 853	8 165,693	121 944,723	14,934	14,467	96	87	1 549	9,075	20,915	2,305	1,837
47	38	95 565	7 716,727	113 779,030	14,744	14,277	97	88	977	5,425	11,840	2,182	1,715
48	39	95 236	7 289,259	106 062,303	14,550	14,083	98	89	589	3,101	6,415	2,069	1,602
49	40	94 868	6 882,534	98 773,044	14,351	13,884	99	90	337	1,682	3,314	1,971	1,504
							100	91	184	0,870	1,633	1,877	1,409

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß   5,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	40	94 528	6 500,349	92 201,941	14,184	13,717
1							51	41	94 083	6 132,484	85 701,592	13,975	13,508
2							52	42	93 563	5 780,643	79 569,108	13,765	13,298
3							53	43	93 012	5 447,001	73 788,465	13,547	13,079
4							54	44	92 404	5 129,278	68 341,464	13,324	12,857
5							55	45	91 728	4 826,339	63 212,186	13,097	12,630
6							56	46	90 992	4 538,009	58 385,848	12,866	12,399
7							57	47	90 201	4 264,059	53 847,839	12,628	12,161
8							58	48	89 329	4 002,690	49 583,780	12,388	11,920
9							59	49	88 387	3 754,003	45 581,090	12,142	11,675
10	0	99 489	58 244,016	1 068 217,419	18,340	17,873	60	50	87 364	3 517,088	41 827,088	11,893	11,425
11	1	99 167	55 028,628	1 009 973,403	18,354	17,886	61	51	86 265	3 291,821	38 310,000	11,638	11,171
12	2	99 132	52 141,593	954 944,775	18,314	17,847	62	52	85 093	3 077,822	35 018,179	11,378	10,910
13	3	99 106	49 410,451	902 803,182	18,272	17,804	63	53	83 842	2 874,479	31 940,357	11,112	10,645
14	4	99 084	46 824,124	853 392,732	18,225	17,758	64	54	82 534	2 682,088	29 065,878	10,837	10,370
15	5	99 057	44 371,106	806 568,607	18,178	17,711	65	55	81 110	2 498,429	26 383,790	10,560	10,093
16	6	99 030	42 046,183	762 197,501	18,128	17,660	66	56	79 606	2 324,253	23 885,361	10,277	9,809
17	7	98 995	39 840,382	720 151,319	18,076	17,609	67	57	77 994	2 158,469	21 561,108	9,989	9,522
18	8	98 953	37 747,361	680 310,937	18,023	17,556	68	58	76 293	2 001,330	19 402,639	9,695	9,228
19	9	98 899	35 759,629	642 563,576	17,969	17,502	69	59	74 502	1 852,461	17 401,310	9,394	8,926
20	10	98 843	33 876,481	606 803,947	17,912	17,445	70	60	72 597	1 710,996	15 548,849	9,088	8,620
21	11	98 783	32 090,860	572 927,466	17,853	17,386	71	61	70 562	1 576,330	13 837,853	8,779	8,311
22	12	98 722	30 399,007	540 836,607	17,791	17,324	72	62	68 408	1 448,533	12 261,523	8,465	7,998
23	13	98 661	28 796,595	510 437,599	17,726	17,258	73	63	66 134	1 327,371	10 812,989	8,146	7,679
24	14	98 601	27 278,638	481 641,004	17,656	17,189	74	64	63 727	1 212,391	9 485,618	7,824	7,357
25	15	98 535	25 839,259	454 362,367	17,584	17,117	75	65	61 116	1 102,106	8 273,227	7,507	7,040
26	16	98 469	24 475,654	428 523,107	17,508	17,041	76	66	58 369	997,688	7 171,120	7,188	6,721
27	17	98 396	23 182,624	404 047,454	17,429	16,962	77	67	55 461	898,566	6 173,432	6,870	6,403
28	18	98 318	21 956,619	380 864,829	17,346	16,879	78	68	52 386	804,493	5 274,866	6,557	6,090
29	19	98 237	20 794,704	358 908,210	17,260	16,792	79	69	49 137	715,260	4 470,373	6,250	5,783
30	20	98 152	19 693,590	338 113,506	17,169	16,702	80	70	45 754	631,293	3 755,113	5,948	5,481
31	21	98 067	18 650,824	318 419,916	17,073	16,606	81	71	42 281	552,963	3 123,820	5,649	5,182
32	22	97 977	17 662,191	299 769,092	16,972	16,505	82	72	38 696	479,693	2 570,856	5,359	4,892
33	23	97 883	16 725,354	282 106,902	16,867	16,400	83	73	35 072	412,108	2 091,163	5,074	4,607
34	24	97 786	15 837,693	265 381,548	16,756	16,289	84	74	31 469	350,492	1 679,055	4,791	4,323
35	25	97 688	14 997,092	249 543,855	16,639	16,172	85	75	27 851	294,024	1 328,563	4,519	4,051
36	26	97 585	14 200,188	234 546,762	16,517	16,050	86	76	24 293	243,089	1 034,539	4,256	3,789
37	27	97 476	13 444,855	220 346,574	16,389	15,922	87	77	20 832	197,595	791,450	4,005	3,538
38	28	97 357	12 728,145	206 901,719	16,255	15,788	88	78	17 515	157,473	593,855	3,771	3,304
39	29	97 226	12 048,550	194 173,293	16,116	15,649	89	79	14 439	123,049	436,382	3,546	3,079
40	30	97 086	11 404,043	182 124,744	15,970	15,503	90	80	11 588	93,599	313,333	3,348	2,880
41	31	96 934	10 792,596	170 720,701	15,818	15,351	91	81	9 149	70,052	219,733	3,137	2,670
42	32	96 772	10 212,854	159 928,105	15,659	15,192	92	82	6 973	50,603	149,682	2,958	2,491
43	33	96 590	9 662,199	149 715,251	15,495	15,028	93	83	5 163	35,515	99,078	2,790	2,323
44	34	96 382	9 138,808	140 053,053	15,325	14,858	94	84	3 704	24,148	63,563	2,632	2,165
45	35	96 150	8 641,472	130 914,245	15,150	14,682	95	85	2 565	15,850	39,415	2,487	2,019
46	36	95 899	8 169,575	122 272,773	14,967	14,500	96	86	1 710	10,020	23,564	2,352	1,885
47	37	95 616	7 720,848	114 103,198	14,779	14,311	97	87	1 096	6,084	13,545	2,226	1,759
48	38	95 289	7 293,319	106 382,350	14,586	14,119	98	88	671	3,533	7,461	2,112	1,645
49	39	94 931	6 887,090	99 089,031	14,388	13,920	99	89	393	1,959	3,928	2,005	1,538
							100	90	218	1,029	1,969	1,913	1,446

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß   5,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	39	94 590	6 504,652	92 486,806	14,219	13,751
1							51	40	94 150	6 136,818	85 982,154	14,011	13,544
2							52	41	93 638	5 785,280	79 845,337	13,801	13,334
3							53	42	93 095	5 451,853	74 060,057	13,584	13,117
4							54	43	92 498	5 134,535	68 608,203	13,362	12,895
5							55	44	91 831	4 831,766	63 473,668	13,137	12,670
6							56	45	91 108	4 543,776	58 641,902	12,906	12,439
7							57	46	90 329	4 270,076	54 098,126	12,669	12,202
8							58	47	89 476	4 009,245	49 828,051	12,428	11,961
9							59	48	88 544	3 760,653	45 818,805	12,184	11,717
10							60	49	87 544	3 524,339	42 058,152	11,934	11,466
11	0	99 480	55 202,664	1 010 576,674	18,307	17,839	61	50	86 456	3 299,089	38 533,813	11,680	11,213
12	1	99 158	52 155,360	955 374,009	18,318	17,851	62	51	85 302	3 085,372	35 234,724	11,420	10,953
13	2	99 121	49 417,811	903 218,649	18,277	17,810	63	52	84 073	2 882,392	32 149,352	11,154	10,687
14	3	99 095	46 829,357	853 800,838	18,232	17,765	64	53	82 782	2 690,176	29 266,960	10,879	10,412
15	4	99 069	44 376,395	806 971,481	18,185	17,718	65	54	81 370	2 506,428	26 576,784	10,603	10,136
16	5	99 040	42 050,433	762 595,086	18,135	17,668	66	55	79 889	2 332,517	24 070,356	10,319	9,852
17	6	99 004	39 843,852	720 544,654	18,084	17,617	67	56	78 289	2 166,642	21 737,839	10,033	9,566
18	7	98 962	37 750,601	680 700,802	18,032	17,564	68	57	76 599	2 009,360	19 571,197	9,740	9,273
19	8	98 906	35 762,262	642 950,201	17,978	17,511	69	58	74 832	1 860,670	17 561,837	9,438	8,971
20	9	98 850	33 878,818	607 187,939	17,922	17,455	70	59	72 942	1 719,114	15 701,167	9,133	8,666
21	10	98 790	32 093,137	573 309,120	17,864	17,397	71	60	70 945	1 584,872	13 982,053	8,822	8,355
22	11	98 730	30 401,438	541 215,983	17,802	17,335	72	61	68 803	1 456,906	12 397,181	8,509	8,042
23	12	98 669	28 798,914	510 814,545	17,737	17,270	73	62	66 553	1 335,797	10 940,275	8,190	7,723
24	13	98 610	27 281,081	482 015,631	17,668	17,201	74	63	64 160	1 220,616	9 604,478	7,869	7,401
25	14	98 546	25 842,060	454 734,550	17,597	17,129	75	64	61 569	1 110,266	8 383,863	7,551	7,084
26	15	98 481	24 478,733	428 892,490	17,521	17,054	76	65	58 828	1 005,541	7 273,596	7,234	6,766
27	16	98 411	23 186,192	404 413,757	17,442	16,975	77	66	55 940	906,319	6 268,055	6,916	6,449
28	17	98 334	21 960,143	381 227,565	17,360	16,893	78	67	52 869	811,907	5 361,736	6,604	6,137
29	18	98 259	20 799,455	359 267,422	17,273	16,806	79	68	49 619	722,274	4 549,829	6,299	5,832
30	19	98 172	19 697,658	338 467,967	17,183	16,716	80	69	46 245	638,071	3 827,555	5,999	5,531
31	20	98 089	18 654,965	318 770,309	17,088	16,621	81	70	42 777	559,456	3 189,484	5,701	5,234
32	21	97 997	17 665,888	300 115,343	16,988	16,521	82	71	39 201	485,951	2 630,028	5,412	4,945
33	22	97 905	16 729,106	282 449,455	16,884	16,417	83	72	35 588	418,162	2 144,077	5,127	4,660
34	23	97 808	15 841,314	265 720,349	16,774	16,307	84	73	31 989	356,286	1 725,916	4,844	4,377
35	24	97 708	15 000,124	249 879,035	16,658	16,191	85	74	28 379	299,599	1 369,630	4,572	4,104
36	25	97 606	14 203,313	234 878,910	16,537	16,070	86	75	24 825	248,420	1 070,031	4,307	3,840
37	26	97 499	13 448,038	220 675,598	16,410	15,942	87	76	21 355	202,556	821,611	4,056	3,589
38	27	97 383	12 731,846	207 227,560	16,276	15,809	88	77	18 015	161,963	619,055	3,822	3,355
39	28	97 250	12 051,597	194 495,714	16,139	15,671	89	78	14 918	127,126	457,092	3,596	3,128
40	29	97 114	11 407,316	182 444,117	15,994	15,526	90	79	12 024	97,125	329,966	3,397	2,930
41	30	96 962	10 795,652	171 036,801	15,843	15,376	91	80	9 548	73,105	232,841	3,185	2,718
42	31	96 801	10 215,939	160 241,149	15,685	15,218	92	81	7 321	53,132	159,735	3,006	2,539
43	32	96 624	9 665,625	150 025,210	15,522	15,054	93	82	5 464	37,588	106,603	2,836	2,369
44	33	96 418	9 142,151	140 359,585	15,353	14,886	94	83	3 951	25,764	69,016	2,679	2,212
45	34	96 191	8 645,144	131 217,435	15,178	14,711	95	84	2 765	17,086	43,251	2,531	2,064
46	35	95 937	8 172,826	122 572,291	14,998	14,530	96	85	1 865	10,923	26,165	2,395	1,928
47	36	95 661	7 724,519	114 399,465	14,810	14,343	97	86	1 210	6,717	15,242	2,269	1,802
48	37	95 340	7 297,214	106 674,947	14,619	14,151	98	87	753	3,962	8,525	2,152	1,685
49	38	94 983	6 890,927	99 377,733	14,422	13,954	99	88	447	2,232	4,564	2,045	1,578
							100	89	254	1,199	2,332	1,945	1,478

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß   5,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	38	94 643	6 508,275	92 747,026	14,251	13,783
1							51	39	94 212	6 140,880	86 238,750	14,043	13,576
2							52	40	93 704	5 789,369	80 097,870	13,835	13,368
3							53	41	93 169	5 456,227	74 308,502	13,619	13,152
4							54	42	92 581	5 139,110	68 852,275	13,398	12,931
5							55	43	91 926	4 836,718	63 713,165	13,173	12,706
6							56	44	91 210	4 548,885	58 876,447	12,943	12,476
7							57	45	90 443	4 275,502	54 327,562	12,707	12,240
8							58	46	89 602	4 014,903	50 052,060	12,467	11,999
9							59	47	88 689	3 766,812	46 037,157	12,222	11,755
10							60	48	87 699	3 530,583	42 270,345	11,973	11,505
11							61	49	86 634	3 305,891	38 739,762	11,718	11,251
12	0	99 472	52 320,310	955 932,269	18,271	17,804	62	50	85 490	3 092,184	35 433,871	11,459	10,992
13	1	99 147	49 430,859	903 611,959	18,280	17,813	63	51	84 280	2 889,462	32 341,687	11,193	10,726
14	2	99 110	46 836,333	854 181,100	18,238	17,770	64	52	83 010	2 697,582	29 452,225	10,918	10,451
15	3	99 080	44 381,353	807 344,768	18,191	17,724	65	53	81 616	2 513,986	26 754,643	10,642	10,175
16	4	99 052	42 055,445	762 963,414	18,142	17,675	66	54	80 145	2 339,985	24 240,657	10,359	9,892
17	5	99 014	39 847,879	720 907,969	18,092	17,624	67	55	78 568	2 174,346	21 900,672	10,072	9,605
18	6	98 971	37 753,889	681 060,090	18,039	17,572	68	56	76 889	2 016,969	19 726,326	9,780	9,313
19	7	98 914	35 765,332	643 306,201	17,987	17,520	69	57	75 133	1 868,137	17 709,358	9,480	9,013
20	8	98 857	33 881,314	607 540,869	17,931	17,464	70	58	73 265	1 726,733	15 841,221	9,174	8,707
21	9	98 797	32 095,351	573 659,555	17,874	17,406	71	59	71 281	1 592,391	14 114,489	8,864	8,397
22	10	98 737	30 403,596	541 564,204	17,813	17,345	72	60	69 176	1 464,800	12 522,097	8,549	8,081
23	11	98 677	28 801,217	511 160,608	17,748	17,281	73	61	66 938	1 343,518	11 057,297	8,230	7,763
24	12	98 618	27 283,278	482 359,391	17,680	17,212	74	62	64 567	1 228,364	9 713,779	7,908	7,441
25	13	98 555	25 844,375	455 076,114	17,608	17,141	75	63	61 987	1 117,798	8 485,416	7,591	7,124
26	14	98 492	24 481,387	429 231,739	17,533	17,066	76	64	59 264	1 012,986	7 367,618	7,273	6,806
27	15	98 424	23 189,109	404 750,352	17,454	16,987	77	65	56 380	913,453	6 354,632	6,957	6,490
28	16	98 349	21 963,522	381 561,243	17,372	16,905	78	66	53 325	818,912	5 441,179	6,644	6,177
29	17	98 275	20 802,793	359 597,720	17,286	16,819	79	67	50 076	728,931	4 622,266	6,341	5,874
30	18	98 195	19 702,159	338 794,927	17,196	16,729	80	68	46 699	644,327	3 893,335	6,042	5,575
31	19	98 109	18 658,819	319 092,769	17,101	16,634	81	69	43 237	565,462	3 249,008	5,746	5,279
32	20	98 019	17 669,811	300 433,950	17,003	16,535	82	70	39 661	491,657	2 683,546	5,458	4,991
33	21	97 925	16 732,608	282 764,139	16,899	16,432	83	71	36 052	423,617	2 191,890	5,174	4,707
34	22	97 830	15 844,869	266 031,531	16,790	16,323	84	72	32 459	361,520	1 768,273	4,891	4,424
35	23	97 731	15 003,554	250 186,662	16,675	16,208	85	73	28 848	304,551	1 406,753	4,619	4,152
36	24	97 626	14 206,184	235 183,108	16,555	16,088	86	74	25 296	253,130	1 102,202	4,354	3,887
37	25	97 520	13 450,997	220 976,924	16,428	15,961	87	75	21 824	206,998	849,072	4,102	3,635
38	26	97 406	12 734,860	207 525,927	16,296	15,829	88	76	18 467	166,029	642,074	3,867	3,400
39	27	97 276	12 054,836	194 791,067	16,159	15,692	89	77	15 343	130,751	476,045	3,641	3,174
40	28	97 139	11 410,201	182 736,232	16,015	15,548	90	78	12 423	100,343	345,294	3,441	2,974
41	29	96 989	10 798,750	171 326,031	15,865	15,398	91	79	9 908	75,859	244,950	3,229	2,762
42	30	96 829	10 218,831	160 527,281	15,709	15,242	92	80	7 640	55,448	169,091	3,050	2,582
43	31	96 653	9 668,545	150 308,449	15,546	15,079	93	81	5 737	39,466	113,643	2,880	2,412
44	32	96 452	9 145,392	140 639,904	15,378	14,911	94	82	4 182	27,268	74,177	2,720	2,253
45	33	96 226	8 648,306	131 494,512	15,205	14,737	95	83	2 950	18,229	46,910	2,573	2,106
46	34	95 978	8 176,299	122 846,206	15,025	14,557	96	84	2 010	11,775	28,680	2,436	1,969
47	35	95 700	7 727,592	114 669,907	14,839	14,372	97	85	1 319	7,323	16,905	2,309	1,841
48	36	95 385	7 300,683	106 942,315	14,648	14,181	98	86	831	4,374	9,583	2,191	1,724
49	37	95 034	6 894,606	99 641,632	14,452	13,985	99	87	502	2,503	5,209	2,081	1,614
							100	88	289	1,366	2,706	1,981	1,514

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß   5,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	37	94 694	6 511,751	92 984,865	14,280	13,812
1							51	38	94 264	6 144,301	86 473,115	14,074	13,607
2							52	39	93 766	5 793,201	80 328,814	13,866	13,399
3							53	40	93 235	5 460,083	74 535,613	13,651	13,184
4							54	41	92 655	5 143,232	69 075,530	13,430	12,963
5							55	42	92 007	4 841,027	63 932,298	13,206	12,739
6							56	43	91 304	4 553,547	59 091,271	12,977	12,510
7							57	44	90 545	4 280,310	54 537,724	12,742	12,274
8							58	45	89 716	4 020,005	50 257,414	12,502	12,035
9							59	46	88 814	3 772,128	46 237,409	12,258	11,790
10							60	47	87 843	3 536,365	42 465,281	12,008	11,541
11							61	48	86 788	3 311,748	38 928,916	11,755	11,288
12							62	49	85 667	3 098,560	35 617,168	11,495	11,028
13	0	99 461	49 587,192	904 128,690	18,233	17,766	63	50	84 466	2 895,842	32 518,608	11,229	10,762
14	1	99 136	46 848,699	854 541,498	18,240	17,773	64	51	83 214	2 704,199	29 622,767	10,954	10,487
15	2	99 095	44 387,965	807 692,799	18,196	17,729	65	52	81 840	2 520,907	26 918,568	10,678	10,211
16	3	99 063	42 060,144	763 304,834	18,148	17,681	66	53	80 386	2 347,041	24 397,661	10,395	9,928
17	4	99 026	39 852,629	721 244,689	18,098	17,631	67	54	78 819	2 181,307	22 050,620	10,109	9,642
18	5	98 981	37 757,705	681 392,061	18,046	17,579	68	55	77 163	2 024,140	19 869,314	9,816	9,349
19	6	98 923	35 768,447	643 634,355	17,994	17,527	69	56	75 417	1 875,210	17 845,173	9,516	9,049
20	7	98 866	33 884,222	607 865,908	17,939	17,472	70	57	73 559	1 733,661	15 969,963	9,212	8,745
21	8	98 804	32 097,715	573 981,686	17,882	17,415	71	58	71 597	1 599,448	14 236,301	8,901	8,434
22	9	98 744	30 405,694	541 883,971	17,822	17,355	72	59	69 504	1 471,750	12 636,853	8,586	8,119
23	10	98 684	28 803,261	511 478,278	17,758	17,290	73	60	67 301	1 350,798	11 165,103	8,266	7,798
24	11	98 626	27 285,460	482 675,017	17,690	17,223	74	61	64 940	1 235,464	9 814,305	7,944	7,477
25	12	98 563	25 846,456	455 389,557	17,619	17,152	75	62	62 380	1 124,893	8 578,842	7,626	7,159
26	13	98 501	24 483,580	429 543,102	17,544	17,077	76	63	59 666	1 019,858	7 453,949	7,309	6,842
27	14	98 435	23 191,623	405 059,522	17,466	16,999	77	64	56 798	920,216	6 434,091	6,992	6,525
28	15	98 362	21 966,286	381 867,899	17,384	16,917	78	65	53 745	825,358	5 513,875	6,681	6,213
29	16	98 290	20 805,995	359 901,613	17,298	16,831	79	66	50 508	735,220	4 688,516	6,377	5,910
30	17	98 210	19 705,321	339 095,619	17,208	16,741	80	67	47 129	650,266	3 953,296	6,080	5,612
31	18	98 132	18 663,082	319 390,298	17,113	16,646	81	68	43 661	571,007	3 303,030	5,785	5,317
32	19	98 039	17 673,461	300 727,216	17,016	16,549	82	69	40 087	496,935	2 732,024	5,498	5,031
33	20	97 947	16 736,324	283 053,756	16,913	16,445	83	70	36 475	428,590	2 235,089	5,215	4,748
34	21	97 851	15 848,186	266 317,432	16,804	16,337	84	71	32 883	366,236	1 806,499	4,933	4,465
35	22	97 752	15 006,920	250 469,246	16,690	16,223	85	72	29 272	309,025	1 440,263	4,661	4,193
36	23	97 648	14 209,432	235 462,326	16,571	16,104	86	73	25 714	257,314	1 131,237	4,396	3,929
37	24	97 540	13 453,716	221 252,894	16,445	15,978	87	74	22 238	210,923	873,923	4,143	3,676
38	25	97 428	12 737,662	207 799,177	16,314	15,847	88	75	18 872	169,670	663,001	3,908	3,440
39	26	97 299	12 057,689	195 061,515	16,177	15,710	89	76	15 728	134,034	493,330	3,681	3,213
40	27	97 165	11 413,267	183 003,826	16,034	15,567	90	77	12 777	103,204	359,297	3,481	3,014
41	28	97 014	10 801,482	171 590,559	15,886	15,419	91	78	10 236	78,373	256,092	3,268	2,800
42	29	96 857	10 221,764	160 789,077	15,730	15,263	92	79	7 928	57,537	177,720	3,089	2,622
43	30	96 681	9 671,282	150 567,313	15,568	15,101	93	80	5 987	41,186	120,183	2,918	2,451
44	31	96 481	9 148,155	140 896,031	15,402	14,934	94	81	4 391	28,630	78,997	2,759	2,292
45	32	96 260	8 651,373	131 747,876	15,229	14,761	95	82	3 122	19,293	50,366	2,611	2,143
46	33	96 013	8 179,289	123 096,503	15,050	14,583	96	83	2 144	12,563	31,073	2,473	2,006
47	34	95 740	7 730,876	114 917,214	14,865	14,398	97	84	1 422	7,894	18,510	2,345	1,878
48	35	95 423	7 303,588	107 186,337	14,676	14,209	98	85	906	4,769	10,617	2,226	1,759
49	36	95 079	6 897,884	99 882,749	14,480	14,013	99	86	554	2,763	5,848	2,117	1,649
							100	87	324	1,532	3,085	2,014	1,547

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß   5,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	36	94 739	6 514,847	93 202,154	14,306	13,839
1							51	37	94 315	6 147,582	86 687,307	14,101	13,634
2							52	38	93 818	5 796,428	80 539,725	13,895	13,428
3							53	39	93 297	5 463,697	74 743,297	13,680	13,213
4							54	40	92 720	5 146,867	69 279,600	13,461	12,993
5							55	41	92 081	4 844,910	64 132,733	13,237	12,770
6							56	42	91 385	4 557,604	59 287,823	13,009	12,541
7							57	43	90 638	4 284,697	54 730,219	12,773	12,306
8							58	44	89 817	4 024,525	50 445,522	12,535	12,067
9							59	45	88 927	3 776,921	46 420,997	12,291	11,824
10							60	46	87 966	3 541,356	42 644,075	12,042	11,575
11							61	47	86 930	3 317,172	39 102,719	11,788	11,321
12							62	48	85 819	3 104,049	35 785,548	11,529	11,061
13							63	49	84 640	2 901,813	32 681,499	11,262	10,795
14	0	99 450	46 996,865	855 019,913	18,193	17,726	64	50	83 398	2 710,169	29 779,686	10,988	10,521
15	1	99 121	44 399,685	808 023,047	18,199	17,732	65	51	82 041	2 527,090	27 069,517	10,712	10,245
16	2	99 077	42 066,410	763 623,363	18,153	17,686	66	52	80 608	2 353,502	24 542,427	10,428	9,961
17	3	99 037	39 857,082	721 556,953	18,104	17,636	67	53	79 057	2 187,885	22 188,925	10,142	9,675
18	4	98 992	37 762,206	681 699,871	18,052	17,585	68	54	77 410	2 030,621	20 001,040	9,850	9,383
19	5	98 933	35 772,063	643 937,665	18,001	17,534	69	55	75 685	1 881,878	17 970,420	9,549	9,082
20	6	98 875	33 887,173	608 165,602	17,947	17,480	70	56	73 838	1 740,226	16 088,542	9,245	8,778
21	7	98 813	32 100,470	574 278,429	17,890	17,423	71	57	71 884	1 605,866	14 348,316	8,935	8,468
22	8	98 751	30 407,933	542 177,959	17,830	17,363	72	58	69 812	1 478,272	12 742,449	8,620	8,153
23	9	98 691	28 805,248	511 770,026	17,767	17,299	73	59	67 620	1 357,206	11 264,177	8,300	7,832
24	10	98 633	27 287,396	482 964,778	17,699	17,232	74	60	65 292	1 242,158	9 906,970	7,976	7,508
25	11	98 571	25 848,605	455 677,382	17,629	17,162	75	61	62 741	1 131,395	8 664,812	7,659	7,191
26	12	98 509	24 485,551	429 828,859	17,554	17,087	76	62	60 045	1 026,332	7 533,417	7,340	6,873
27	13	98 443	23 193,700	405 343,308	17,476	17,009	77	63	57 183	926,458	6 507,086	7,024	6,556
28	14	98 372	21 968,667	382 149,608	17,395	16,928	78	64	54 142	831,469	5 580,627	6,712	6,245
29	15	98 302	20 808,612	360 180,941	17,309	16,842	79	65	50 906	741,007	4 749,158	6,409	5,942
30	16	98 225	19 708,353	339 372,329	17,220	16,753	80	66	47 536	655,876	4 008,151	6,111	5,644
31	17	98 148	18 666,077	319 663,976	17,125	16,658	81	67	44 063	576,269	3 352,275	5,817	5,350
32	18	98 062	17 677,499	300 997,898	17,027	16,560	82	68	40 480	501,808	2 776,005	5,532	5,065
33	19	97 967	16 739,781	283 320,400	16,925	16,458	83	69	36 867	433,191	2 274,198	5,250	4,783
34	20	97 872	15 851,705	266 580,619	16,817	16,350	84	70	33 269	370,536	1 841,006	4,968	4,501
35	21	97 773	15 010,062	250 728,914	16,704	16,237	85	71	29 654	313,057	1 470,470	4,697	4,230
36	22	97 670	14 212,621	235 718,852	16,585	16,118	86	72	26 092	261,094	1 157,414	4,433	3,966
37	23	97 562	13 456,792	221 506,232	16,461	15,993	87	73	22 605	214,409	896,319	4,180	3,713
38	24	97 448	12 740,237	208 049,440	16,330	15,863	88	74	19 230	172,887	681,910	3,944	3,477
39	25	97 321	12 060,342	195 309,202	16,194	15,727	89	75	16 073	136,973	509,023	3,716	3,249
40	26	97 188	11 415,969	183 248,860	16,052	15,585	90	76	13 098	105,796	372,050	3,517	3,050
41	27	97 040	10 804,384	171 832,891	15,904	15,437	91	77	10 528	80,607	266,254	3,303	2,836
42	28	96 881	10 224,350	161 028,507	15,750	15,282	92	78	8 191	59,443	185,647	3,123	2,656
43	29	96 708	9 674,058	150 804,157	15,589	15,121	93	79	6 213	42,738	126,204	2,953	2,486
44	30	96 508	9 150,745	141 130,099	15,423	14,956	94	80	4 582	29,878	83,466	2,794	2,326
45	31	96 289	8 653,986	131 979,354	15,251	14,784	95	81	3 278	20,257	53,588	2,645	2,178
46	32	96 047	8 182,190	123 325,368	15,072	14,605	96	82	2 270	13,296	33,331	2,507	2,040
47	33	95 775	7 733,704	115 143,178	14,888	14,421	97	83	1 517	8,422	20,035	2,379	1,912
48	34	95 464	7 306,692	107 409,474	14,700	14,233	98	84	977	5,140	11,613	2,259	1,792
49	35	95 117	6 900,629	100 102,782	14,506	14,039	99	85	604	3,012	6,473	2,149	1,682
							100	86	358	1,691	3,461	2,046	1,579

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß   5,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	35	94 776	6 517,439	93 400,415	14,331	13,864
1							51	36	94 360	6 150,504	86 882,976	14,126	13,659
2							52	37	93 869	5 799,523	80 732,471	13,921	13,453
3							53	38	93 349	5 466,741	74 932,948	13,707	13,240
4							54	39	92 782	5 150,274	69 466,207	13,488	13,021
5							55	40	92 146	4 848,334	64 315,934	13,266	12,798
6							56	41	91 458	4 561,260	59 467,599	13,038	12,570
7							57	42	90 719	4 288,514	54 906,340	12,803	12,336
8							58	43	89 909	4 028,650	50 617,825	12,564	12,097
9							59	44	89 027	3 781,168	46 589,175	12,321	11,854
10							60	45	88 078	3 545,856	42 808,006	12,073	11,605
11							61	46	87 052	3 321,852	39 262,150	11,819	11,352
12							62	47	85 959	3 109,133	35 940,298	11,560	11,092
13							63	48	84 790	2 906,953	32 831,165	11,294	10,827
14							64	49	83 570	2 715,757	29 924,212	11,019	10,552
15	0	99 435	44 540,106	808 466,103	18,151	17,684	65	50	82 222	2 532,670	27 208,455	10,743	10,276
16	1	99 104	42 077,517	763 925,997	18,155	17,688	66	51	80 805	2 359,275	24 675,785	10,459	9,992
17	2	99 052	39 863,019	721 848,480	18,108	17,641	67	52	79 274	2 193,908	22 316,510	10,172	9,705
18	3	99 003	37 766,426	681 985,461	18,058	17,591	68	53	77 643	2 036,742	20 122,602	9,880	9,413
19	4	98 945	35 776,326	644 219,035	18,007	17,540	69	54	75 928	1 887,903	18 085,858	9,580	9,113
20	5	98 885	33 890,598	608 442,709	17,953	17,486	70	55	74 100	1 746,414	16 197,955	9,275	8,808
21	6	98 821	32 103,266	574 552,110	17,897	17,430	71	56	72 156	1 611,947	14 451,542	8,965	8,498
22	7	98 759	30 410,543	542 448,844	17,838	17,370	72	57	70 092	1 484,204	12 839,595	8,651	8,184
23	8	98 698	28 807,370	512 038,301	17,775	17,307	73	58	67 920	1 363,221	11 355,391	8,330	7,863
24	9	98 640	27 289,279	483 230,932	17,708	17,241	74	59	65 602	1 248,051	9 992,169	8,006	7,539
25	10	98 578	25 850,357	455 941,653	17,638	17,171	75	60	63 081	1 137,525	8 744,118	7,687	7,220
26	11	98 516	24 487,509	430 091,296	17,564	17,097	76	61	60 392	1 032,264	7 606,592	7,369	6,902
27	12	98 451	23 195,568	405 603,787	17,486	17,019	77	62	57 546	932,339	6 574,329	7,051	6,584
28	13	98 381	21 970,635	382 408,219	17,405	16,938	78	63	54 510	837,109	5 641,989	6,740	6,273
29	14	98 313	20 810,868	360 437,584	17,320	16,852	79	64	51 283	746,494	4 804,880	6,437	5,969
30	15	98 238	19 710,833	339 626,717	17,230	16,763	80	65	47 910	661,039	4 058,386	6,139	5,672
31	16	98 163	18 668,950	319 915,884	17,136	16,669	81	66	44 443	581,241	3 397,347	5,845	5,378
32	17	98 077	17 680,336	301 246,934	17,039	16,571	82	67	40 853	506,433	2 816,106	5,561	5,093
33	18	97 990	16 743,606	283 566,598	16,936	16,469	83	68	37 228	437,439	2 309,673	5,280	4,813
34	19	97 892	15 854,979	266 822,993	16,829	16,362	84	69	33 626	374,514	1 872,234	4,999	4,532
35	20	97 795	15 013,395	250 968,013	16,716	16,249	85	70	30 002	316,732	1 497,720	4,729	4,261
36	21	97 691	14 215,596	235 954,619	16,598	16,131	86	71	26 432	264,500	1 180,988	4,465	3,998
37	22	97 584	13 459,812	221 739,023	16,474	16,007	87	72	22 937	217,559	916,488	4,213	3,745
38	23	97 470	12 743,150	208 279,211	16,344	15,877	88	73	19 548	175,745	698,929	3,977	3,510
39	24	97 340	12 062,781	195 536,061	16,210	15,743	89	74	16 378	139,570	523,184	3,749	3,281
40	25	97 209	11 418,481	183 473,281	16,068	15,601	90	75	13 385	108,116	383,614	3,548	3,081
41	26	97 063	10 806,942	172 054,800	15,921	15,454	91	76	10 792	82,631	275,498	3,334	2,867
42	27	96 907	10 227,097	161 247,858	15,767	15,300	92	77	8 424	61,138	192,867	3,155	2,687
43	28	96 733	9 676,505	151 020,761	15,607	15,140	93	78	6 419	44,154	131,729	2,983	2,516
44	29	96 536	9 153,372	141 344,256	15,442	14,975	94	79	4 755	31,004	87,575	2,825	2,357
45	30	96 316	8 656,436	132 190,885	15,271	14,804	95	80	3 420	21,140	56,572	2,676	2,209
46	31	96 076	8 184,662	123 534,448	15,093	14,626	96	81	2 383	13,960	35,431	2,538	2,071
47	32	95 809	7 736,446	115 349,787	14,910	14,443	97	82	1 605	8,913	21,471	2,409	1,942
48	33	95 499	7 309,364	107 613,340	14,723	14,255	98	83	1 042	5,484	12,558	2,290	1,823
49	34	95 158	6 903,561	100 303,976	14,529	14,062	99	84	651	3,247	7,074	2,178	1,711
							100	85	390	1,844	3,826	2,075	1,608

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß   5,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16	0	99 417	42 210,594	764 336,415	18,108	17,641
17	1	99 078	39 873,545	722 125,821	18,110	17,643
18	2	99 018	37 772,052	682 252,276	18,062	17,595
19	3	98 956	35 780,324	644 480,225	18,012	17,545
20	4	98 896	33 894,638	608 699,900	17,959	17,491
21	5	98 831	32 106,511	574 805,262	17,903	17,436
22	6	98 768	30 413,192	542 698,751	17,844	17,377
23	7	98 707	28 809,842	512 285,560	17,782	17,314
24	8	98 647	27 291,288	483 475,717	17,715	17,248
25	9	98 584	25 852,141	456 184,429	17,646	17,179
26	10	98 523	24 489,247	430 332,288	17,572	17,105
27	11	98 459	23 197,423	405 843,041	17,495	17,028
28	12	98 389	21 972,404	382 645,618	17,415	16,948
29	13	98 322	20 812,732	360 673,215	17,329	16,862
30	14	98 248	19 712,969	339 860,483	17,240	16,773
31	15	98 175	18 671,298	320 147,513	17,147	16,679
32	16	98 093	17 683,057	301 476,215	17,049	16,582
33	17	98 005	16 746,293	283 793,158	16,947	16,479
34	18	97 915	15 858,602	267 046,865	16,839	16,372
35	19	97 815	15 016,496	251 188,264	16,727	16,260
36	20	97 712	14 218,752	236 171,768	16,610	16,143
37	21	97 605	13 462,629	221 953,016	16,487	16,019
38	22	97 492	12 746,009	208 490,386	16,357	15,890
39	23	97 363	12 065,539	195 744,377	16,223	15,756
40	24	97 229	11 420,789	183 678,838	16,083	15,616
41	25	97 084	10 809,320	172 258,049	15,936	15,469
42	26	96 930	10 229,518	161 448,729	15,783	15,315
43	27	96 759	9 679,105	151 219,211	15,623	15,156
44	28	96 560	9 155,687	141 540,106	15,459	14,992
45	29	96 344	8 658,921	132 384,420	15,289	14,822
46	30	96 103	8 186,979	123 725,499	15,112	14,645
47	31	95 838	7 738,784	115 538,520	14,930	14,463
48	32	95 533	7 311,956	107 799,736	14,743	14,276
49	33	95 192	6 906,086	100 487,780	14,551	14,083

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
50	34	94 817	6 520,209	93 581,694	14,353	13,885
51	35	94 397	6 152,952	87 061,485	14,150	13,682
52	36	93 913	5 802,281	80 908,533	13,944	13,477
53	37	93 399	5 469,660	75 106,253	13,731	13,264
54	38	92 834	5 153,143	69 636,593	13,513	13,046
55	39	92 207	4 851,544	64 483,450	13,291	12,824
56	40	91 523	4 564,483	59 631,906	13,064	12,597
57	41	90 792	4 291,954	55 067,423	12,830	12,363
58	42	89 989	4 032,239	50 775,469	12,592	12,125
59	43	89 118	3 785,044	46 743,229	12,349	11,882
60	44	88 177	3 549,843	42 958,185	12,101	11,634
61	45	87 163	3 326,074	39 408,342	11,848	11,381
62	46	86 080	3 113,520	36 082,268	11,589	11,122
63	47	84 929	2 911,714	32 968,748	11,323	10,856
64	48	83 718	2 720,568	30 057,034	11,048	10,581
65	49	82 392	2 537,892	27 336,466	10,771	10,304
66	50	80 984	2 364,484	24 798,574	10,488	10,021
67	51	79 469	2 199,289	22 434,090	10,201	9,733
68	52	77 857	2 042,351	20 234,801	9,908	9,440
69	53	76 157	1 893,596	18 192,450	9,607	9,140
70	54	74 337	1 752,005	16 298,854	9,303	8,836
71	55	72 413	1 617,679	14 546,849	8,992	8,525
72	56	70 358	1 489,824	12 929,170	8,678	8,211
73	57	68 192	1 368,691	11 439,346	8,358	7,891
74	58	65 892	1 253,583	10 070,655	8,033	7,566
75	59	63 380	1 142,922	8 817,072	7,714	7,247
76	60	60 719	1 037,857	7 674,150	7,394	6,927
77	61	57 878	937,728	6 636,293	7,077	6,610
78	62	54 856	842,423	5 698,565	6,764	6,297
79	63	51 631	751,558	4 856,142	6,461	5,994
80	64	48 264	665,933	4 104,584	6,164	5,696
81	65	44 793	585,817	3 438,651	5,870	5,403
82	66	41 205	510,802	2 852,834	5,585	5,118
83	67	37 571	441,471	2 342,032	5,305	4,838
84	68	33 956	378,186	1 900,561	5,025	4,558
85	69	30 324	320,133	1 522,375	4,755	4,288
86	70	26 743	267,606	1 202,243	4,493	4,025
87	71	23 236	220,397	934,637	4,241	3,774
88	72	19 835	178,327	714,240	4,005	3,538
89	73	16 649	141,877	535,913	3,777	3,310
90	74	13 639	110,165	394,036	3,577	3,110
91	75	11 029	84,443	283,870	3,362	2,894
92	76	8 636	62,673	199,427	3,182	2,715
93	77	6 602	45,413	136,754	3,011	2,544
94	78	4 912	32,031	91,341	2,852	2,384
95	79	3 549	21,936	59,310	2,704	2,237
96	80	2 487	14,569	37,374	2,565	2,098
97	81	1 685	9,359	22,805	2,437	1,970
98	82	1 103	5,804	13,447	2,317	1,849
99	83	694	3,465	7,642	2,206	1,739
100	84	420	1,987	4,178	2,102	1,635

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß   5,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	33	94 851	6 522,593	93 747,288	14,373	13,906
1							51	34	94 437	6 155,566	87 224,694	14,170	13,703
2							52	35	93 951	5 804,590	81 069,128	13,966	13,499
3							53	36	93 443	5 472,260	75 264,538	13,754	13,287
4							54	37	92 883	5 155,894	69 792,278	13,536	13,069
5							55	38	92 259	4 854,246	64 636,384	13,315	12,848
6							56	39	91 583	4 567,505	59 782,138	13,089	12,621
7							57	40	90 856	4 294,988	55 214,633	12,856	12,388
8							58	41	90 061	4 035,474	50 919,645	12,618	12,151
9							59	42	89 198	3 788,416	46 884,171	12,376	11,908
10							60	43	88 268	3 553,482	43 095,755	12,128	11,661
11							61	44	87 261	3 329,814	39 542,274	11,875	11,408
12							62	45	86 190	3 117,477	36 212,460	11,616	11,149
13							63	46	85 048	2 915,823	33 094,983	11,350	10,883
14							64	47	83 855	2 725,024	30 179,160	11,075	10,608
15							65	48	82 538	2 542,388	27 454,136	10,799	10,331
16							66	49	81 151	2 369,359	24 911,748	10,514	10,047
17	0	99 391	39 999,651	722 506,095	18,063	17,596	67	50	79 644	2 204,145	22 542,389	10,227	9,760
18	1	99 044	37 782,025	682 506,444	18,064	17,597	68	51	78 048	2 047,361	20 338,244	9,934	9,467
19	2	98 970	35 785,654	644 724,420	18,016	17,549	69	52	76 366	1 898,809	18 290,883	9,633	9,166
20	3	98 907	33 898,426	608 938,765	17,964	17,496	70	53	74 562	1 757,288	16 392,075	9,328	8,861
21	4	98 843	32 110,338	575 040,340	17,908	17,441	71	54	72 645	1 622,858	14 634,786	9,018	8,551
22	5	98 778	30 416,266	542 930,002	17,850	17,383	72	55	70 608	1 495,121	13 011,929	8,703	8,236
23	6	98 715	28 812,351	512 513,736	17,788	17,321	73	56	68 450	1 373,874	11 516,807	8,383	7,916
24	7	98 655	27 293,631	483 701,384	17,722	17,255	74	57	66 157	1 258,613	10 142,933	8,059	7,592
25	8	98 592	25 854,045	456 407,753	17,653	17,186	75	58	63 661	1 147,988	8 884,321	7,739	7,272
26	9	98 530	24 490,936	430 553,708	17,580	17,113	76	59	61 007	1 042,781	7 736,333	7,419	6,952
27	10	98 466	23 199,069	406 062,772	17,503	17,036	77	60	58 192	942,809	6 693,552	7,100	6,632
28	11	98 397	21 974,161	382 863,703	17,423	16,956	78	61	55 173	847,292	5 750,743	6,787	6,320
29	12	98 330	20 814,408	360 889,542	17,338	16,871	79	62	51 958	756,328	4 903,450	6,483	6,016
30	13	98 257	19 714,735	340 075,134	17,250	16,783	80	63	48 592	670,451	4 147,122	6,186	5,718
31	14	98 186	18 673,322	320 360,399	17,156	16,689	81	64	45 125	590,154	3 476,672	5,891	5,424
32	15	98 105	17 685,281	301 687,077	17,059	16,591	82	65	41 530	514,823	2 886,518	5,607	5,140
33	16	98 020	16 748,870	284 001,795	16,956	16,489	83	66	37 895	445,280	2 371,695	5,326	4,859
34	17	97 931	15 861,147	267 252,925	16,850	16,382	84	67	34 269	381,672	1 926,415	5,047	4,580
35	18	97 837	15 019,927	251 391,778	16,737	16,270	85	68	30 622	323,272	1 544,743	4,778	4,311
36	19	97 733	14 221,689	236 371,852	16,621	16,153	86	69	27 030	270,479	1 221,471	4,516	4,049
37	20	97 626	13 465,619	222 150,162	16,498	16,030	87	70	23 509	222,985	950,993	4,265	3,798
38	21	97 512	12 748,678	208 684,544	16,369	15,902	88	71	20 094	180,653	728,008	4,030	3,563
39	22	97 385	12 068,246	195 935,866	16,236	15,768	89	72	16 893	143,961	547,355	3,802	3,335
40	23	97 251	11 423,400	183 867,620	16,096	15,629	90	73	13 864	111,986	403,394	3,602	3,135
41	24	97 104	10 811,505	172 444,220	15,950	15,483	91	74	11 238	86,044	291,407	3,387	2,920
42	25	96 951	10 231,769	161 632,715	15,797	15,330	92	75	8 825	64,047	205,363	3,206	2,739
43	26	96 782	9 681,396	151 400,946	15,638	15,171	93	76	6 767	46,553	141,316	3,036	2,568
44	27	96 586	9 158,147	141 719,549	15,475	15,008	94	77	5 053	32,944	94,763	2,876	2,409
45	28	96 368	8 661,111	132 561,402	15,305	14,838	95	78	3 667	22,663	61,818	2,728	2,261
46	29	96 131	8 189,329	123 900,291	15,129	14,662	96	79	2 581	15,118	39,155	2,590	2,123
47	30	95 865	7 740,975	115 710,963	14,948	14,481	97	80	1 759	9,766	24,037	2,461	1,994
48	31	95 561	7 314,165	107 969,988	14,762	14,295	98	81	1 158	6,094	14,271	2,342	1,874
49	32	95 226	6 908,535	100 655,823	14,570	14,103	99	82	735	3,667	8,177	2,230	1,763
							100	83	448	2,120	4,510	2,127	1,660

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß   5,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	32	94 885	6 524,906	93 898,668	14,391	13,924
1							51	33	94 472	6 157,818	87 373,762	14,189	13,722
2							52	34	93 990	5 807,056	81 215,944	13,986	13,519
3							53	35	93 480	5 474,438	75 408,887	13,775	13,308
4							54	36	92 927	5 158,346	69 934,450	13,558	13,090
5							55	37	92 308	4 856,838	64 776,104	13,337	12,870
6							56	38	91 634	4 570,049	59 919,266	13,111	12,644
7							57	39	90 916	4 297,831	55 349,217	12,878	12,411
8							58	40	90 125	4 038,326	51 051,386	12,642	12,175
9							59	41	89 269	3 791,455	47 013,060	12,400	11,933
10							60	42	88 346	3 556,647	43 221,605	12,152	11,685
11							61	43	87 350	3 333,227	39 664,958	11,900	11,433
12							62	44	86 287	3 120,982	36 331,731	11,641	11,174
13							63	45	85 156	2 919,529	33 210,749	11,375	10,908
14							64	46	83 973	2 728,869	30 291,220	11,100	10,633
15							65	47	82 673	2 546,552	27 562,351	10,823	10,356
16							66	48	81 295	2 373,557	25 015,799	10,539	10,072
17							67	49	79 809	2 208,689	22 642,243	10,251	9,784
18	0	99 358	37 901,516	682 858,869	18,017	17,549	68	50	78 220	2 051,881	20 433,553	9,958	9,491
19	1	98 997	35 795,103	644 957,353	18,018	17,551	69	51	76 553	1 903,466	18 381,672	9,657	9,190
20	2	98 922	33 903,475	609 162,250	17,968	17,500	70	52	74 767	1 762,126	16 478,206	9,351	8,884
21	3	98 854	32 113,926	575 258,775	17,913	17,446	71	53	72 864	1 627,752	14 716,080	9,041	8,574
22	4	98 790	30 419,891	543 144,849	17,855	17,388	72	54	70 834	1 499,908	13 088,329	8,726	8,259
23	5	98 725	28 815,264	512 724,957	17,794	17,326	73	55	68 694	1 378,759	11 588,421	8,405	7,938
24	6	98 664	27 296,008	483 909,693	17,728	17,261	74	56	66 407	1 263,378	10 209,661	8,081	7,614
25	7	98 600	25 856,264	456 613,685	17,660	17,193	75	57	63 916	1 152,594	8 946,283	7,762	7,295
26	8	98 537	24 492,740	430 757,421	17,587	17,120	76	58	61 277	1 047,403	7 793,689	7,441	6,974
27	9	98 473	23 200,670	406 264,681	17,511	17,044	77	59	58 468	947,282	6 746,286	7,122	6,655
28	10	98 404	21 975,720	383 064,011	17,431	16,964	78	60	55 472	851,883	5 799,004	6,807	6,340
29	11	98 338	20 816,072	361 088,291	17,347	16,879	79	61	52 259	760,700	4 947,121	6,503	6,036
30	12	98 265	19 716,322	340 272,218	17,258	16,791	80	62	48 900	674,706	4 186,421	6,205	5,738
31	13	98 194	18 674,995	320 555,896	17,165	16,698	81	63	45 431	594,157	3 511,715	5,910	5,443
32	14	98 116	17 687,198	301 880,901	17,068	16,601	82	64	41 837	518,634	2 917,557	5,625	5,158
33	15	98 033	16 750,977	284 193,702	16,966	16,499	83	65	38 194	448,785	2 398,923	5,345	4,878
34	16	97 946	15 863,588	267 442,725	16,859	16,392	84	66	34 564	384,965	1 950,138	5,066	4,599
35	17	97 853	15 022,338	251 579,137	16,747	16,280	85	67	30 904	326,251	1 565,173	4,797	4,330
36	18	97 755	14 224,939	236 556,800	16,630	16,163	86	68	27 295	273,131	1 238,922	4,536	4,069
37	19	97 647	13 468,400	222 331,861	16,508	16,040	87	69	23 762	225,379	965,791	4,285	3,818
38	20	97 534	12 751,508	208 863,461	16,380	15,912	88	70	20 330	182,774	740,412	4,051	3,584
39	21	97 405	12 070,772	196 111,953	16,247	15,780	89	71	17 114	145,839	557,638	3,824	3,356
40	22	97 273	11 425,964	184 041,181	16,107	15,640	90	72	14 068	113,632	411,799	3,624	3,157
41	23	97 126	10 813,977	172 615,217	15,962	15,495	91	73	11 424	87,467	298,167	3,409	2,942
42	24	96 971	10 233,838	161 801,240	15,810	15,343	92	74	8 993	65,262	210,701	3,229	2,761
43	25	96 803	9 683,526	151 567,402	15,652	15,185	93	75	6 916	47,574	145,439	3,057	2,590
44	26	96 609	9 160,315	141 883,876	15,489	15,022	94	76	5 179	33,771	97,865	2,898	2,431
45	27	96 394	8 663,438	132 723,561	15,320	14,853	95	77	3 772	23,309	64,094	2,750	2,283
46	28	96 155	8 191,400	124 060,122	15,145	14,678	96	78	2 666	15,619	40,784	2,611	2,144
47	29	95 893	7 743,196	115 868,723	14,964	14,497	97	79	1 825	10,134	25,166	2,483	2,016
48	30	95 589	7 316,236	108 125,526	14,779	14,312	98	80	1 208	6,360	15,031	2,363	1,896
49	31	95 255	6 910,622	100 809,290	14,588	14,120	99	81	772	3,850	8,671	2,252	1,785
							100	82	475	2,244	4,821	2,148	1,681

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß   5,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	31	94 914	6 526,878	94 036,892	14,408	13,940
1							51	32	94 505	6 160,002	87 510,015	14,206	13,739
2							52	33	94 025	5 809,180	81 350,013	14,004	13,537
3							53	34	93 520	5 476,764	75 540,833	13,793	13,326
4							54	35	92 964	5 160,398	70 064,069	13,577	13,110
5							55	36	92 352	4 859,147	64 903,671	13,357	12,890
6							56	37	91 683	4 572,489	60 044,523	13,132	12,665
7							57	38	90 966	4 300,225	55 472,034	12,900	12,433
8							58	39	90 184	4 040,999	51 171,809	12,663	12,196
9							59	40	89 332	3 794,134	47 130,810	12,422	11,955
10							60	41	88 417	3 559,500	43 336,676	12,175	11,708
11							61	42	87 428	3 336,196	39 777,175	11,923	11,456
12							62	43	86 375	3 124,181	36 440,979	11,664	11,197
13							63	44	85 252	2 922,811	33 316,798	11,399	10,932
14							64	45	84 080	2 732,337	30 393,987	11,124	10,657
15							65	46	82 789	2 550,145	27 661,649	10,847	10,380
16							66	47	81 428	2 377,444	25 111,504	10,562	10,095
17							67	48	79 950	2 212,602	22 734,060	10,275	9,808
18							68	49	78 382	2 056,112	20 521,458	9,981	9,514
19	0	99 310	35 908,311	645 284,031	17,970	17,503	69	50	76 722	1 907,669	18 465,346	9,680	9,212
20	1	98 948	33 912,427	609 375,721	17,969	17,502	70	51	74 950	1 766,448	16 557,677	9,373	8,906
21	2	98 869	32 118,710	575 463,294	17,917	17,450	71	52	73 065	1 632,233	14 791,229	9,062	8,595
22	3	98 801	30 423,291	543 344,584	17,859	17,392	72	53	71 048	1 504,431	13 158,997	8,747	8,280
23	4	98 737	28 818,699	512 921,293	17,798	17,331	73	54	68 914	1 383,173	11 654,566	8,426	7,959
24	5	98 674	27 298,767	484 102,594	17,733	17,266	74	55	66 643	1 267,871	10 271,392	8,101	7,634
25	6	98 609	25 858,516	456 803,827	17,666	17,198	75	56	64 158	1 156,958	9 003,522	7,782	7,315
26	7	98 546	24 494,843	430 945,311	17,593	17,126	76	57	61 523	1 051,605	7 846,563	7,462	6,994
27	8	98 480	23 202,378	406 450,468	17,518	17,050	77	58	58 727	951,481	6 794,958	7,141	6,674
28	9	98 411	21 977,236	383 248,090	17,438	16,971	78	59	55 735	855,925	5 843,477	6,827	6,360
29	10	98 345	20 817,550	361 270,854	17,354	16,887	79	60	52 542	764,822	4 987,552	6,521	6,054
30	11	98 273	19 717,899	340 453,304	17,266	16,799	80	61	49 183	678,606	4 222,731	6,223	5,755
31	12	98 202	18 676,499	320 735,405	17,173	16,706	81	62	45 719	597,929	3 544,125	5,927	5,460
32	13	98 124	17 688,783	302 058,906	17,076	16,609	82	63	42 121	522,153	2 946,196	5,642	5,175
33	14	98 043	16 752,793	284 370,123	16,974	16,507	83	64	38 477	452,108	2 424,043	5,362	4,894
34	15	97 958	15 865,584	267 617,330	16,868	16,401	84	65	34 836	387,995	1 971,936	5,082	4,615
35	16	97 868	15 024,649	251 751,747	16,756	16,289	85	66	31 170	329,066	1 583,940	4,813	4,346
36	17	97 771	14 227,222	236 727,097	16,639	16,172	86	67	27 547	275,648	1 254,874	4,552	4,085
37	18	97 669	13 471,477	222 499,876	16,516	16,049	87	68	23 995	227,589	979,226	4,303	3,835
38	19	97 554	12 754,143	209 028,398	16,389	15,922	88	69	20 548	184,736	751,638	4,069	3,602
39	20	97 427	12 073,452	196 274,256	16,257	15,789	89	70	17 315	147,552	566,901	3,842	3,375
40	21	97 293	11 428,355	184 200,803	16,118	15,651	90	71	14 251	115,114	419,350	3,643	3,176
41	22	97 148	10 816,403	172 772,448	15,973	15,506	91	72	11 592	88,752	304,236	3,428	2,961
42	23	96 993	10 236,177	161 956,044	15,822	15,355	92	73	9 141	66,340	215,484	3,248	2,781
43	24	96 823	9 685,484	151 719,867	15,665	15,197	93	74	7 047	48,476	149,144	3,077	2,609
44	25	96 630	9 162,331	142 034,383	15,502	15,035	94	75	5 293	34,512	100,668	2,917	2,450
45	26	96 417	8 665,489	132 872,052	15,333	14,866	95	76	3 866	23,895	66,156	2,769	2,301
46	27	96 181	8 193,601	124 206,563	15,159	14,692	96	77	2 742	16,064	42,261	2,631	2,164
47	28	95 917	7 745,155	116 012,962	14,979	14,512	97	78	1 886	10,470	26,197	2,502	2,035
48	29	95 616	7 318,336	108 267,807	14,794	14,327	98	79	1 254	6,599	15,727	2,383	1,916
49	30	95 282	6 912,579	100 949,471	14,604	14,137	99	80	805	4,018	9,128	2,272	1,805
							100	81	498	2,356	5,110	2,168	1,701

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß   5,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	30	94 940	6 528,725	94 163,123	14,423	13,956
1							51	31	94 534	6 161,863	87 634,397	14,222	13,755
2							52	32	94 058	5 811,240	81 472,535	14,020	13,553
3							53	33	93 554	5 478,767	75 661,294	13,810	13,343
4							54	34	93 004	5 162,591	70 182,527	13,594	13,127
5							55	35	92 389	4 861,081	65 019,936	13,376	12,908
6							56	36	91 727	4 574,663	60 158,855	13,150	12,683
7							57	37	91 015	4 302,521	55 584,192	12,919	12,452
8							58	38	90 235	4 043,250	51 281,671	12,683	12,216
9							59	39	89 391	3 796,646	47 238,421	12,442	11,975
10							60	40	88 480	3 562,016	43 441,775	12,196	11,729
11							61	41	87 498	3 338,873	39 879,759	11,944	11,477
12							62	42	86 452	3 126,964	36 540,886	11,686	11,219
13							63	43	85 340	2 925,807	33 413,922	11,420	10,953
14							64	44	84 174	2 735,409	30 488,115	11,146	10,679
15							65	45	82 895	2 553,386	27 752,705	10,869	10,402
16							66	46	81 543	2 380,799	25 199,319	10,584	10,117
17							67	47	80 081	2 216,226	22 818,520	10,296	9,829
18							68	48	78 520	2 059,754	20 602,294	10,002	9,535
19							69	49	76 881	1 911,602	18 542,540	9,700	9,233
20	0	99 261	34 019,680	609 678,600	17,921	17,454	70	50	75 116	1 770,348	16 630,938	9,394	8,927
21	1	98 895	32 127,191	575 658,920	17,918	17,451	71	51	73 244	1 636,236	14 860,590	9,082	8,615
22	2	98 815	30 427,823	543 531,729	17,863	17,396	72	52	71 243	1 508,573	13 224,354	8,766	8,299
23	3	98 748	28 821,919	513 103,907	17,803	17,335	73	53	69 122	1 387,344	11 715,781	8,445	7,978
24	4	98 686	27 302,021	484 281,988	17,738	17,271	74	54	66 857	1 271,930	10 328,437	8,120	7,653
25	5	98 619	25 861,130	456 979,967	17,671	17,203	75	55	64 386	1 161,072	9 056,507	7,800	7,333
26	6	98 554	24 496,976	431 118,837	17,599	17,132	76	56	61 756	1 055,587	7 895,435	7,480	7,012
27	7	98 489	23 204,370	406 621,861	17,524	17,056	77	57	58 963	955,299	6 839,847	7,160	6,693
28	8	98 418	21 978,855	383 417,491	17,445	16,978	78	58	55 982	859,718	5 884,549	6,845	6,378
29	9	98 351	20 818,986	361 438,636	17,361	16,894	79	59	52 791	768,450	5 024,830	6,539	6,072
30	10	98 280	19 719,299	340 619,650	17,273	16,806	80	60	49 449	682,283	4 256,380	6,238	5,771
31	11	98 210	18 677,992	320 900,351	17,181	16,713	81	61	45 983	601,385	3 574,097	5,943	5,476
32	12	98 132	17 690,207	302 222,359	17,084	16,617	82	62	42 388	525,467	2 972,712	5,657	5,190
33	13	98 052	16 754,294	284 532,152	16,983	16,515	83	63	38 738	455,174	2 447,245	5,376	4,909
34	14	97 969	15 867,303	267 777,858	16,876	16,409	84	64	35 094	390,868	1 992,071	5,097	4,629
35	15	97 880	15 026,540	251 910,555	16,764	16,297	85	65	31 416	331,656	1 601,203	4,828	4,361
36	16	97 786	14 229,411	236 884,015	16,647	16,180	86	66	27 784	278,027	1 269,547	4,566	4,099
37	17	97 685	13 473,639	222 654,604	16,525	16,058	87	67	24 216	229,686	991,520	4,317	3,850
38	18	97 576	12 757,056	209 180,964	16,397	15,930	88	68	20 749	186,548	761,834	4,084	3,617
39	19	97 447	12 075,946	196 423,908	16,266	15,799	89	69	17 501	149,136	575,286	3,857	3,390
40	20	97 315	11 430,893	184 347,961	16,127	15,660	90	70	14 418	116,465	426,150	3,659	3,192
41	21	97 168	10 818,668	172 917,069	15,983	15,516	91	71	11 743	89,909	309,685	3,444	2,977
42	22	97 015	10 238,474	162 098,401	15,832	15,365	92	72	9 275	67,315	219,776	3,265	2,798
43	23	96 845	9 687,699	151 859,927	15,676	15,208	93	73	7 163	49,277	152,461	3,094	2,627
44	24	96 650	9 164,183	142 172,228	15,514	15,047	94	74	5 393	35,166	103,184	2,934	2,467
45	25	96 438	8 667,396	133 008,045	15,346	14,879	95	75	3 951	24,419	68,017	2,785	2,318
46	26	96 203	8 195,541	124 340,649	15,172	14,705	96	76	2 811	16,467	43,598	2,648	2,180
47	27	95 943	7 747,236	116 145,108	14,992	14,525	97	77	1 939	10,769	27,131	2,519	2,052
48	28	95 640	7 320,187	108 397,872	14,808	14,341	98	78	1 295	6,818	16,363	2,400	1,933
49	29	95 309	6 914,563	101 077,686	14,618	14,151	99	79	836	4,169	9,544	2,289	1,822
							100	80	520	2,459	5,375	2,186	1,719

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß   5,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	29	94 968	6 530,599	94 278,554	14,436	13,969
1							51	30	94 561	6 163,607	87 747,955	14,236	13,769
2							52	31	94 087	5 812,996	81 584,348	14,035	13,568
3							53	32	93 587	5 480,710	75 771,352	13,825	13,358
4							54	33	93 038	5 164,479	70 290,642	13,610	13,143
5							55	34	92 428	4 863,147	65 126,163	13,392	12,925
6							56	35	91 763	4 576,484	60 263,016	13,168	12,701
7							57	36	91 058	4 304,567	55 686,532	12,937	12,469
8							58	37	90 283	4 045,409	51 381,966	12,701	12,234
9							59	38	89 441	3 798,761	47 336,557	12,461	11,994
10							60	39	88 538	3 564,374	43 537,796	12,215	11,748
11							61	40	87 560	3 341,232	39 973,422	11,964	11,496
12							62	41	86 521	3 129,473	36 632,190	11,706	11,238
13							63	42	85 416	2 928,414	33 502,717	11,441	10,973
14							64	43	84 261	2 738,213	30 574,303	11,166	10,699
15							65	44	82 988	2 556,257	27 836,090	10,889	10,422
16							66	45	81 646	2 383,824	25 279,833	10,605	10,138
17							67	46	80 194	2 219,353	22 896,008	10,317	9,849
18							68	47	78 649	2 063,128	20 676,655	10,022	9,555
19							69	48	77 017	1 914,989	18 613,527	9,720	9,253
20							70	49	75 271	1 773,998	16 698,539	9,413	8,946
21	0	99 208	32 228,798	575 939,788	17,870	17,403	71	50	73 405	1 639,849	14 924,540	9,101	8,634
22	1	98 842	30 435,857	543 710,990	17,864	17,397	72	51	71 418	1 512,273	13 284,692	8,785	8,317
23	2	98 763	28 826,212	513 275,134	17,806	17,339	73	52	69 312	1 391,164	11 772,419	8,462	7,995
24	3	98 697	27 305,072	484 448,921	17,742	17,275	74	53	67 058	1 275,765	10 381,255	8,137	7,670
25	4	98 630	25 864,212	457 143,849	17,675	17,208	75	54	64 592	1 164,789	9 105,490	7,817	7,350
26	5	98 564	24 499,452	431 279,637	17,604	17,136	76	55	61 976	1 059,341	7 940,700	7,496	7,029
27	6	98 497	23 206,391	406 780,184	17,529	17,062	77	56	59 186	958,916	6 881,360	7,176	6,709
28	7	98 426	21 980,742	383 573,794	17,450	16,983	78	57	56 207	863,168	5 922,444	6,861	6,394
29	8	98 359	20 820,519	361 593,052	17,367	16,900	79	58	53 025	771,856	5 059,276	6,555	6,088
30	9	98 287	19 720,659	340 772,533	17,280	16,813	80	59	49 684	685,520	4 287,420	6,254	5,787
31	10	98 217	18 679,318	321 051,874	17,188	16,720	81	60	46 233	604,643	3 601,900	5,957	5,490
32	11	98 140	17 691,622	302 372,556	17,091	16,624	82	61	42 633	528,504	2 997,256	5,671	5,204
33	12	98 060	16 755,643	284 680,934	16,990	16,523	83	62	38 983	458,064	2 468,752	5,390	4,922
34	13	97 977	15 868,725	267 925,291	16,884	16,417	84	63	35 332	393,519	2 010,688	5,110	4,642
35	14	97 891	15 028,168	252 056,566	16,772	16,305	85	64	31 648	334,112	1 617,169	4,840	4,373
36	15	97 798	14 231,201	237 028,398	16,656	16,188	86	65	28 003	280,215	1 283,057	4,579	4,112
37	16	97 700	13 475,713	222 797,197	16,533	16,066	87	66	24 425	231,668	1 002,842	4,329	3,862
38	17	97 592	12 759,104	209 321,484	16,406	15,938	88	67	20 941	188,267	771,174	4,096	3,629
39	18	97 469	12 078,705	196 562,380	16,273	15,806	89	68	17 672	150,598	582,907	3,871	3,403
40	19	97 335	11 433,254	184 483,674	16,136	15,669	90	69	14 573	117,716	432,309	3,672	3,205
41	20	97 190	10 821,070	173 050,420	15,992	15,525	91	70	11 881	90,965	314,593	3,458	2,991
42	21	97 035	10 240,617	162 229,350	15,842	15,375	92	71	9 396	68,193	223,628	3,279	2,812
43	22	96 867	9 689,872	151 988,733	15,685	15,218	93	72	7 269	50,001	155,435	3,109	2,641
44	23	96 672	9 166,278	142 298,860	15,524	15,057	94	73	5 483	35,748	105,434	2,949	2,482
45	24	96 458	8 669,148	133 132,582	15,357	14,890	95	74	4 026	24,882	69,687	2,801	2,334
46	25	96 225	8 197,344	124 463,434	15,183	14,716	96	75	2 873	16,828	44,805	2,662	2,195
47	26	95 966	7 749,070	116 266,090	15,004	14,537	97	76	1 988	11,039	27,976	2,534	2,067
48	27	95 666	7 322,154	108 517,020	14,820	14,353	98	77	1 332	7,013	16,937	2,415	1,948
49	28	95 333	6 916,312	101 194,866	14,631	14,164	99	78	863	4,307	9,925	2,304	1,837
							100	79	540	2,552	5,618	2,201	1,734

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß   5,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	28	94 992	6 532,251	94 384,023	14,449	13,982
1							51	29	94 588	6 165,376	87 851,772	14,249	13,782
2							52	30	94 113	5 814,642	81 686,396	14,048	13,581
3							53	31	93 616	5 482,366	75 871,754	13,839	13,372
4							54	32	93 071	5 166,311	70 389,388	13,625	13,158
5							55	33	92 462	4 864,925	65 223,078	13,407	12,940
6							56	34	91 802	4 578,429	60 358,152	13,183	12,716
7							57	35	91 095	4 306,279	55 779,724	12,953	12,486
8							58	36	90 326	4 047,332	51 473,444	12,718	12,251
9							59	37	89 489	3 800,789	47 426,112	12,478	12,011
10							60	38	88 588	3 566,359	43 625,323	12,232	11,765
11							61	39	87 618	3 343,444	40 058,963	11,981	11,514
12							62	40	86 583	3 131,684	36 715,519	11,724	11,257
13							63	41	85 484	2 930,763	33 583,835	11,459	10,992
14							64	42	84 336	2 740,653	30 653,072	11,185	10,717
15							65	43	83 073	2 558,877	27 912,420	10,908	10,441
16							66	44	81 738	2 386,505	25 353,542	10,624	10,157
17							67	45	80 296	2 222,174	22 967,037	10,335	9,868
18							68	46	78 760	2 066,039	20 744,864	10,041	9,574
19							69	47	77 143	1 918,125	18 678,825	9,738	9,271
20							70	48	75 404	1 777,141	16 760,699	9,431	8,964
21							71	49	73 557	1 643,230	14 983,558	9,118	8,651
22	0	99 154	30 532,115	543 971,497	17,816	17,349	72	50	71 576	1 515,612	13 340,328	8,802	8,335
23	1	98 789	28 833,823	513 439,382	17,807	17,340	73	51	69 482	1 394,576	11 824,717	8,479	8,012
24	2	98 711	27 309,140	484 605,559	17,745	17,278	74	52	67 243	1 279,277	10 430,141	8,153	7,686
25	3	98 641	25 867,103	457 296,419	17,679	17,212	75	53	64 787	1 168,302	9 150,863	7,833	7,365
26	4	98 576	24 502,372	431 429,316	17,608	17,140	76	54	62 174	1 062,732	7 982,562	7,511	7,044
27	5	98 507	23 208,737	406 926,944	17,533	17,066	77	55	59 397	962,325	6 919,829	7,191	6,724
28	6	98 435	21 982,656	383 718,207	17,455	16,988	78	56	56 419	866,437	5 957,504	6,876	6,409
29	7	98 367	20 822,306	361 735,551	17,373	16,905	79	57	53 238	774,953	5 091,067	6,570	6,102
30	8	98 294	19 722,112	340 913,245	17,286	16,819	80	58	49 904	688,558	4 316,114	6,268	5,801
31	9	98 224	18 680,607	321 191,133	17,194	16,727	81	59	46 452	607,512	3 627,556	5,971	5,504
32	10	98 147	17 692,877	302 510,527	17,098	16,631	82	60	42 864	531,368	3 020,044	5,684	5,216
33	11	98 068	16 756,983	284 817,649	16,997	16,530	83	61	39 209	460,711	2 488,676	5,402	4,935
34	12	97 985	15 870,002	268 060,667	16,891	16,424	84	62	35 557	396,017	2 027,965	5,121	4,654
35	13	97 900	15 029,515	252 190,664	16,780	16,313	85	63	31 863	336,378	1 631,947	4,852	4,384
36	14	97 809	14 232,744	237 161,150	16,663	16,196	86	64	28 210	282,290	1 295,569	4,590	4,122
37	15	97 712	13 477,408	222 928,406	16,541	16,074	87	65	24 617	233,491	1 013,280	4,340	3,872
38	16	97 607	12 761,067	209 450,997	16,413	15,946	88	66	21 121	189,892	779,788	4,106	3,639
39	17	97 485	12 080,644	196 689,930	16,281	15,814	89	67	17 835	151,986	589,897	3,881	3,414
40	18	97 357	11 435,866	184 609,286	16,143	15,676	90	68	14 716	118,870	437,910	3,684	3,217
41	19	97 210	10 823,305	173 173,419	16,000	15,533	91	69	12 008	91,941	319,040	3,470	3,003
42	20	97 057	10 242,891	162 350,114	15,850	15,383	92	70	9 507	68,994	227,099	3,292	2,824
43	21	96 887	9 691,901	152 107,223	15,694	15,227	93	71	7 364	50,653	158,105	3,121	2,654
44	22	96 694	9 168,335	142 415,322	15,533	15,066	94	72	5 563	36,273	107,452	2,962	2,495
45	23	96 480	8 671,130	133 246,987	15,367	14,900	95	73	4 092	25,293	71,179	2,814	2,347
46	24	96 244	8 199,001	124 575,857	15,194	14,727	96	74	2 927	17,147	45,886	2,676	2,209
47	25	95 987	7 750,775	116 376,855	15,015	14,548	97	75	2 032	11,281	28,739	2,547	2,080
48	26	95 688	7 323,887	108 626,080	14,832	14,365	98	76	1 366	7,189	17,457	2,428	1,961
49	27	95 359	6 918,170	101 302,193	14,643	14,176	99	77	888	4,430	10,269	2,318	1,851
							100	78	557	2,636	5,839	2,215	1,748

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß   5,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	27	95 017	6 534,006	94 480,603	14,460	13,993
1							51	28	94 612	6 166,936	87 946,597	14,261	13,794
2							52	29	94 140	5 816,310	81 779,662	14,060	13,593
3							53	30	93 642	5 483,918	75 963,351	13,852	13,385
4							54	31	93 099	5 167,872	70 479,433	13,638	13,171
5							55	32	92 494	4 866,651	65 311,562	13,420	12,953
6							56	33	91 836	4 580,103	60 444,911	13,197	12,730
7							57	34	91 133	4 308,109	55 864,808	12,967	12,500
8							58	35	90 362	4 048,943	51 556,698	12,733	12,266
9							59	36	89 531	3 802,596	47 507,756	12,494	12,026
10							60	37	88 635	3 568,264	43 705,159	12,248	11,781
11							61	38	87 667	3 345,306	40 136,896	11,998	11,531
12							62	39	86 640	3 133,757	36 791,589	11,740	11,273
13							63	40	85 545	2 932,834	33 657,832	11,476	11,009
14							64	41	84 403	2 742,851	30 724,998	11,202	10,735
15							65	42	83 147	2 561,157	27 982,147	10,926	10,458
16							66	43	81 822	2 388,951	25 420,990	10,641	10,174
17							67	44	80 386	2 224,672	23 032,039	10,353	9,886
18							68	45	78 860	2 068,665	20 807,366	10,058	9,591
19							69	46	77 252	1 920,832	18 738,702	9,756	9,288
20							70	47	75 527	1 780,052	16 817,870	9,448	8,981
21							71	48	73 687	1 646,141	15 037,818	9,135	8,668
22							72	49	71 723	1 518,737	13 391,677	8,818	8,350
23	0	99 101	28 925,015	513 681,048	17,759	17,292	73	50	69 635	1 397,655	11 872,940	8,495	8,028
24	1	98 737	27 316,350	484 756,033	17,746	17,279	74	51	67 408	1 282,415	10 475,286	8,168	7,701
25	2	98 656	25 870,956	457 439,683	17,682	17,214	75	52	64 966	1 171,518	9 192,870	7,847	7,380
26	3	98 587	24 505,110	431 568,727	17,611	17,144	76	53	62 362	1 065,937	8 021,352	7,525	7,058
27	4	98 519	23 211,503	407 063,617	17,537	17,070	77	54	59 587	965,406	6 955,415	7,205	6,737
28	5	98 445	21 984,878	383 852,114	17,460	16,993	78	55	56 620	869,517	5 990,009	6,889	6,422
29	6	98 376	20 824,120	361 867,235	17,377	16,910	79	56	53 439	777,887	5 120,492	6,583	6,115
30	7	98 302	19 723,804	341 043,115	17,291	16,824	80	57	50 104	691,321	4 342,604	6,282	5,814
31	8	98 231	18 681,983	321 319,311	17,199	16,732	81	58	46 658	610,204	3 651,283	5,984	5,517
32	9	98 154	17 694,098	302 637,329	17,104	16,637	82	59	43 068	533,889	3 041,079	5,696	5,229
33	10	98 075	16 758,172	284 943,231	17,003	16,536	83	60	39 421	463,208	2 507,189	5,413	4,945
34	11	97 993	15 871,272	268 185,059	16,898	16,430	84	61	35 762	398,306	2 043,982	5,132	4,664
35	12	97 908	15 030,725	252 313,787	16,787	16,319	85	62	32 065	338,513	1 645,676	4,861	4,394
36	13	97 817	14 234,019	237 283,062	16,670	16,203	86	63	28 402	284,205	1 307,162	4,599	4,132
37	14	97 722	13 478,869	223 049,043	16,548	16,081	87	64	24 799	235,220	1 022,958	4,349	3,882
38	15	97 619	12 762,673	209 570,174	16,421	15,953	88	65	21 288	191,386	787,737	4,116	3,649
39	16	97 500	12 082,503	196 807,501	16,289	15,821	89	66	17 989	153,297	596,351	3,890	3,423
40	17	97 373	11 437,702	184 724,998	16,151	15,683	90	67	14 852	119,966	443,054	3,693	3,226
41	18	97 232	10 825,778	173 287,296	16,007	15,540	91	68	12 126	92,843	323,088	3,480	3,013
42	19	97 077	10 245,007	162 461,518	15,858	15,390	92	69	9 609	69,734	230,245	3,302	2,835
43	20	96 908	9 694,053	152 216,511	15,702	15,235	93	70	7 450	51,248	160,511	3,132	2,665
44	21	96 714	9 170,254	142 522,458	15,542	15,075	94	71	5 636	36,746	109,263	2,973	2,506
45	22	96 501	8 673,076	133 352,204	15,375	14,908	95	72	4 153	25,665	72,517	2,826	2,358
46	23	96 266	8 200,876	124 679,128	15,203	14,736	96	73	2 975	17,431	46,852	2,688	2,221
47	24	96 006	7 752,342	116 478,252	15,025	14,558	97	74	2 070	11,495	29,421	2,559	2,092
48	25	95 710	7 325,499	108 725,910	14,842	14,375	98	75	1 396	7,346	17,926	2,440	1,973
49	26	95 382	6 919,808	101 400,411	14,654	14,186	99	76	910	4,541	10,580	2,330	1,862
							100	77	573	2,711	6,038	2,227	1,760

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß   5,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	26	95 040	6 535,553	94 568,963	14,470	14,003
1							51	27	94 637	6 168,593	88 033,410	14,271	13,804
2							52	28	94 164	5 817,782	81 864,817	14,071	13,604
3							53	29	93 669	5 485,492	76 047,035	13,863	13,396
4							54	30	93 125	5 169,335	70 561,544	13,650	13,183
5							55	31	92 522	4 868,121	65 392,209	13,433	12,966
6							56	32	91 869	4 581,727	60 524,088	13,210	12,743
7							57	33	91 167	4 309,685	55 942,361	12,981	12,513
8							58	34	90 400	4 050,663	51 632,676	12,747	12,280
9							59	35	89 567	3 804,109	47 582,012	12,508	12,041
10							60	36	88 677	3 569,960	43 777,903	12,263	11,796
11							61	37	87 714	3 347,093	40 207,943	12,013	11,546
12							62	38	86 688	3 135,503	36 860,850	11,756	11,289
13							63	39	85 601	2 934,776	33 725,347	11,492	11,024
14							64	40	84 463	2 744,789	30 790,571	11,218	10,751
15							65	41	83 214	2 563,211	28 045,782	10,942	10,474
16							66	42	81 895	2 391,079	25 482,571	10,657	10,190
17							67	43	80 468	2 226,953	23 091,491	10,369	9,902
18							68	44	78 949	2 070,991	20 864,538	10,075	9,607
19							69	45	77 350	1 923,273	18 793,548	9,772	9,304
20							70	46	75 634	1 782,563	16 870,275	9,464	8,997
21							71	47	73 808	1 648,837	15 087,711	9,151	8,683
22							72	48	71 850	1 521,427	13 438,874	8,833	8,366
23							73	49	69 779	1 400,537	11 917,447	8,509	8,042
24	0	99 050	27 402,742	484 980,260	17,698	17,231	74	50	67 557	1 285,247	10 516,910	8,183	7,716
25	1	98 682	25 877,787	457 577,518	17,682	17,215	75	51	65 125	1 174,392	9 231,664	7,861	7,394
26	2	98 602	24 508,761	431 699,731	17,614	17,147	76	52	62 533	1 068,871	8 057,272	7,538	7,071
27	3	98 530	23 214,097	407 190,970	17,541	17,073	77	53	59 766	968,318	6 988,401	7,217	6,750
28	4	98 457	21 987,499	383 976,873	17,463	16,996	78	54	56 801	872,301	6 020,083	6,901	6,434
29	5	98 386	20 826,225	361 989,375	17,381	16,914	79	55	53 629	780,653	5 147,782	6,594	6,127
30	6	98 311	19 725,522	341 163,150	17,296	16,828	80	56	50 294	693,939	4 367,129	6,293	5,826
31	7	98 240	18 683,586	321 437,628	17,204	16,737	81	57	46 845	612,653	3 673,190	5,996	5,528
32	8	98 161	17 695,401	302 754,042	17,109	16,642	82	58	43 259	536,255	3 060,537	5,707	5,240
33	9	98 082	16 759,328	285 058,640	17,009	16,542	83	59	39 608	465,405	2 524,282	5,424	4,957
34	10	98 000	15 872,398	268 299,312	16,904	16,436	84	60	35 956	400,464	2 058,876	5,141	4,674
35	11	97 915	15 031,927	252 426,914	16,793	16,326	85	61	32 251	340,470	1 658,412	4,871	4,404
36	12	97 825	14 235,165	237 394,988	16,677	16,209	86	62	28 582	286,009	1 317,942	4,608	4,141
37	13	97 731	13 480,077	223 159,823	16,555	16,088	87	63	24 967	236,816	1 031,933	4,358	3,890
38	14	97 630	12 764,056	209 679,746	16,427	15,960	88	64	21 445	192,803	795,117	4,124	3,657
39	15	97 512	12 084,023	196 915,690	16,296	15,828	89	65	18 130	154,504	602,314	3,898	3,431
40	16	97 388	11 439,462	184 831,666	16,157	15,690	90	66	14 980	121,001	447,810	3,701	3,234
41	17	97 248	10 827,516	173 392,204	16,014	15,547	91	67	12 238	93,699	326,809	3,488	3,021
42	18	97 099	10 247,348	162 564,689	15,864	15,397	92	68	9 703	70,418	233,111	3,310	2,843
43	19	96 928	9 696,055	152 317,341	15,709	15,242	93	69	7 530	51,798	162,693	3,141	2,674
44	20	96 736	9 172,290	142 621,285	15,549	15,082	94	70	5 702	37,177	110,894	2,983	2,516
45	21	96 522	8 674,892	133 448,995	15,383	14,916	95	71	4 207	25,999	73,717	2,835	2,368
46	22	96 288	8 202,716	124 774,104	15,211	14,744	96	72	3 019	17,687	47,717	2,698	2,231
47	23	96 028	7 754,115	116 571,388	15,033	14,566	97	73	2 104	11,685	30,030	2,570	2,103
48	24	95 729	7 326,980	108 817,273	14,852	14,384	98	74	1 422	7,486	18,345	2,451	1,984
49	25	95 403	6 921,331	101 490,293	14,663	14,196	99	75	930	4,641	10,860	2,340	1,873
							100	76	588	2,779	6,219	2,237	1,770

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß   5,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	25	95 061	6 536,991	94 649,800	14,479	14,012
1							51	26	94 660	6 170,053	88 112,808	14,281	13,814
2							52	27	94 189	5 819,345	81 942,755	14,081	13,614
3							53	28	93 693	5 486,879	76 123,411	13,874	13,407
4							54	29	93 152	5 170,818	70 636,531	13,661	13,193
5							55	30	92 549	4 869,499	65 465,713	13,444	12,977
6							56	31	91 896	4 583,111	60 596,214	13,222	12,754
7							57	32	91 199	4 311,213	56 013,102	12,992	12,525
8							58	33	90 433	4 052,145	51 701,889	12,759	12,292
9							59	34	89 605	3 805,726	47 649,744	12,521	12,053
10							60	35	88 712	3 571,381	43 844,018	12,276	11,809
11							61	36	87 755	3 348,684	40 272,637	12,026	11,559
12							62	37	86 734	3 137,177	36 923,953	11,770	11,303
13							63	38	85 649	2 936,410	33 786,776	11,506	11,039
14							64	39	84 519	2 746,607	30 850,366	11,232	10,765
15							65	40	83 272	2 565,023	28 103,759	10,957	10,489
16							66	41	81 960	2 392,997	25 538,736	10,672	10,205
17							67	42	80 540	2 228,937	23 145,739	10,384	9,917
18							68	43	79 030	2 073,113	20 916,802	10,090	9,622
19							69	44	77 437	1 925,435	18 843,689	9,787	9,320
20							70	45	75 730	1 784,829	16 918,254	9,479	9,012
21							71	46	73 912	1 651,164	15 133,425	9,165	8,698
22							72	47	71 968	1 523,919	13 482,261	8,847	8,380
23							73	48	69 903	1 403,018	11 958,342	8,523	8,056
24							74	49	67 696	1 287,897	10 555,324	8,196	7,729
25	0	98 994	25 959,629	457 785,597	17,635	17,167	75	50	65 269	1 176,984	9 267,427	7,874	7,407
26	1	98 628	24 515,232	431 825,968	17,615	17,147	76	51	62 687	1 071,493	8 090,443	7,551	7,083
27	2	98 545	23 217,555	407 310,736	17,543	17,076	77	52	59 931	970,983	7 018,950	7,229	6,762
28	3	98 468	21 989,956	384 093,181	17,467	17,000	78	53	56 973	874,932	6 047,967	6,913	6,445
29	4	98 397	20 828,707	362 103,225	17,385	16,918	79	54	53 801	783,153	5 173,035	6,605	6,138
30	5	98 321	19 727,516	341 274,518	17,299	16,832	80	55	50 473	696,406	4 389,882	6,304	5,836
31	6	98 248	18 685,213	321 547,002	17,209	16,741	81	56	47 022	614,973	3 693,476	6,006	5,539
32	7	98 169	17 696,920	302 861,788	17,114	16,647	82	57	43 432	538,407	3 078,503	5,718	5,251
33	8	98 089	16 760,562	285 164,868	17,014	16,547	83	58	39 784	467,468	2 540,096	5,434	4,967
34	9	98 007	15 873,493	268 404,306	16,909	16,442	84	59	36 127	402,364	2 072,628	5,151	4,684
35	10	97 922	15 032,994	252 530,813	16,798	16,331	85	60	32 425	342,315	1 670,264	4,879	4,412
36	11	97 833	14 236,303	237 497,819	16,683	16,215	86	61	28 747	287,662	1 327,949	4,616	4,149
37	12	97 739	13 481,162	223 261,516	16,561	16,094	87	62	25 126	238,319	1 040,287	4,365	3,898
38	13	97 638	12 765,200	209 780,354	16,434	15,967	88	63	21 591	194,111	801,968	4,131	3,664
39	14	97 522	12 085,333	197 015,154	16,302	15,835	89	64	18 265	155,648	607,857	3,905	3,438
40	15	97 400	11 440,901	184 929,821	16,164	15,697	90	65	15 098	121,953	452,209	3,708	3,241
41	16	97 263	10 829,182	173 488,920	16,021	15,553	91	66	12 344	94,507	330,256	3,495	3,027
42	17	97 115	10 248,992	162 659,738	15,871	15,404	92	67	9 793	71,067	235,749	3,317	2,850
43	18	96 951	9 698,271	152 410,745	15,715	15,248	93	68	7 604	52,306	164,682	3,148	2,681
44	19	96 756	9 174,185	142 712,475	15,556	15,089	94	69	5 763	37,577	112,375	2,991	2,523
45	20	96 543	8 676,818	133 538,290	15,390	14,923	95	70	4 256	26,305	74,799	2,844	2,376
46	21	96 308	8 204,433	124 861,472	15,219	14,752	96	71	3 059	17,918	48,494	2,706	2,239
47	22	96 050	7 755,854	116 657,039	15,041	14,574	97	72	2 135	11,857	30,576	2,579	2,112
48	23	95 751	7 328,655	108 901,184	14,860	14,392	98	73	1 446	7,609	18,720	2,460	1,993
49	24	95 422	6 922,730	101 572,529	14,672	14,205	99	74	948	4,729	11,110	2,349	1,882
							100	75	601	2,840	6,382	2,247	1,779

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß   5,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	0	100 000	100 000,000	1 780 919,275	17,809	17,342	50	50	93 336	5 702,013	75 890,931	13,309	12,842
1	1	99 299	93 899,923	1 680 919,275	17,901	17,434	51	51	92 757	5 358,571	70 188,919	13,098	12,631
2	2	99 240	88 741,768	1 587 019,352	17,884	17,416	52	52	92 093	5 030,894	64 830,347	12,886	12,419
3	3	99 207	83 888,231	1 498 277,583	17,860	17,393	53	53	91 380	4 720,536	59 799,454	12,668	12,200
4	4	99 182	79 307,039	1 414 389,353	17,834	17,367	54	54	90 602	4 425,878	55 078,918	12,445	11,977
5	5	99 157	74 975,940	1 335 082,314	17,807	17,339	55	55	89 754	4 146,035	50 653,040	12,217	11,750
6	6	99 136	70 884,409	1 260 106,374	17,777	17,309	56	56	88 831	3 880,276	46 507,005	11,985	11,518
7	7	99 117	67 017,255	1 189 221,965	17,745	17,277	57	57	87 851	3 628,805	42 626,729	11,747	11,279
8	8	99 101	63 362,630	1 122 204,711	17,711	17,243	58	58	86 796	3 390,283	38 997,924	11,503	11,035
9	9	99 085	59 907,978	1 058 842,080	17,674	17,207	59	59	85 653	3 163,727	35 607,641	11,255	10,787
10	10	99 070	56 642,213	998 934,103	17,636	17,168	60	60	84 435	2 949,162	32 443,914	11,001	10,533
11	11	99 055	53 553,789	942 291,889	17,595	17,128	61	61	83 107	2 744,951	29 494,752	10,745	10,278
12	12	99 038	50 633,485	888 738,100	17,552	17,085	62	62	81 707	2 551,967	26 749,801	10,482	10,014
13	13	99 019	47 871,182	838 104,615	17,507	17,040	63	63	80 218	2 369,237	24 197,835	10,213	9,746
14	14	98 999	45 259,183	790 233,433	17,460	16,993	64	64	78 670	2 197,182	21 828,597	9,935	9,467
15	15	98 974	42 787,220	744 974,250	17,411	16,944	65	65	76 991	2 033,372	19 631,415	9,655	9,187
16	16	98 944	40 448,436	702 187,030	17,360	16,892	66	66	75 240	1 879,064	17 598,044	9,365	8,898
17	17	98 903	38 233,295	661 738,594	17,308	16,840	67	67	73 362	1 732,552	15 718,980	9,073	8,605
18	18	98 853	36 136,368	623 505,299	17,254	16,787	68	68	71 392	1 594,359	13 986,428	8,772	8,305
19	19	98 783	34 147,252	587 368,931	17,201	16,733	69	69	69 345	1 464,439	12 392,069	8,462	7,994
20	20	98 714	32 268,100	553 221,679	17,145	16,677	70	70	67 172	1 341,409	10 927,630	8,146	7,679
21	21	98 639	30 490,387	520 953,579	17,086	16,618	71	71	64 881	1 225,206	9 586,221	7,824	7,357
22	22	98 566	28 810,905	490 463,192	17,024	16,556	72	72	62 449	1 115,159	8 361,014	7,498	7,030
23	23	98 491	27 223,769	461 652,287	16,958	16,490	73	73	59 876	1 011,084	7 245,855	7,166	6,699
24	24	98 417	25 724,177	434 428,519	16,888	16,420	74	74	57 144	912,485	6 234,772	6,833	6,365
25	25	98 342	24 306,937	408 704,342	16,814	16,347	75	75	54 182	818,134	5 322,287	6,505	6,038
26	26	98 266	22 967,602	384 397,405	16,737	16,269	76	76	51 034	728,707	4 504,152	6,181	5,713
27	27	98 186	21 701,016	361 429,803	16,655	16,187	77	77	47 712	644,231	3 775,446	5,860	5,393
28	28	98 098	20 502,557	339 728,788	16,570	16,102	78	78	44 221	564,624	3 131,215	5,546	5,078
29	29	98 014	19 371,210	319 226,231	16,479	16,012	79	79	40 542	489,504	2 566,591	5,243	4,776
30	30	97 921	18 300,631	299 855,021	16,385	15,917	80	80	36 771	419,829	2 077,086	4,947	4,480
31	31	97 831	17 289,593	281 554,389	16,285	15,817	81	81	32 943	355,673	1 657,258	4,659	4,192
32	32	97 732	16 332,893	264 264,797	16,180	15,712	82	82	29 089	296,991	1 301,585	4,383	3,915
33	33	97 625	15 427,992	247 931,904	16,070	15,603	83	83	25 277	244,040	1 004,594	4,117	3,649
34	34	97 515	14 572,651	232 503,912	15,955	15,487	84	84	21 610	197,285	760,554	3,855	3,388
35	35	97 396	13 763,506	217 931,261	15,834	15,366	85	85	18 078	156,073	563,269	3,609	3,141
36	36	97 276	12 999,030	204 167,755	15,706	15,239	86	86	14 781	120,667	407,196	3,375	2,907
37	37	97 144	12 275,563	191 168,725	15,573	15,106	87	87	11 769	90,858	286,529	3,154	2,686
38	38	97 000	11 590,894	178 893,162	15,434	14,966	88	88	9 075	66,252	195,671	2,953	2,486
39	39	96 839	10 942,513	167 302,268	15,289	14,822	89	89	6 784	46,833	129,419	2,763	2,296
40	40	96 664	10 328,814	156 359,755	15,138	14,671	90	90	4 850	31,660	82,587	2,609	2,141
41	41	96 472	9 747,781	146 030,941	14,981	14,513	91	91	3 378	20,851	50,927	2,442	1,975
42	42	96 263	9 197,758	136 283,161	14,817	14,349	92	92	2 223	12,974	30,076	2,318	1,851
43	43	96 030	8 676,611	127 085,403	14,647	14,179	93	93	1 412	7,795	17,103	2,194	1,727
44	44	95 760	8 181,816	118 408,792	14,472	14,005	94	94	857	4,472	9,308	2,081	1,614
45	45	95 463	7 712,877	110 226,975	14,291	13,824	95	95	495	2,444	4,836	1,979	1,511
46	46	95 130	7 268,110	102 514,098	14,105	13,637	96	96	272	1,268	2,392	1,886	1,418
47	47	94 761	6 846,256	95 245,988	13,912	13,445	97	97	141	0,624	1,124	1,801	1,334
48	48	94 333	6 444,757	88 399,733	13,717	13,249	98	98	69	0,290	0,500	1,725	1,257
49	49	93 864	6 064,044	81 954,975	13,515	13,047	99	99	32	0,127	0,210	1,655	1,188
							100	100	14	0,052	0,083	1,592	1,125

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß   5,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	1	99 685	99 684,731	1 779 634,592	17,853	17,385	50	51	93 130	5 689,451	75 276,439	13,231	12,763
1	2	99 273	93 875,137	1 679 949,861	17,896	17,428	51	52	92 530	5 345,460	69 586,988	13,018	12,550
2	3	99 226	88 728,551	1 586 074,723	17,876	17,408	52	53	91 840	5 017,082	64 241,528	12,805	12,337
3	4	99 196	83 878,857	1 497 346,172	17,851	17,384	53	54	91 105	4 706,343	59 224,445	12,584	12,116
4	5	99 170	79 297,587	1 413 467,315	17,825	17,357	54	55	90 313	4 411,754	54 518,102	12,357	11,890
5	6	99 147	74 968,362	1 334 169,728	17,796	17,329	55	56	89 436	4 131,345	50 106,348	12,128	11,661
6	7	99 128	70 878,236	1 259 201,366	17,766	17,298	56	57	88 496	3 865,639	45 975,003	11,893	11,426
7	8	99 109	67 011,503	1 188 323,131	17,733	17,266	57	58	87 500	3 614,302	42 109,365	11,651	11,183
8	9	99 093	63 357,964	1 121 311,628	17,698	17,230	58	59	86 413	3 375,324	38 495,062	11,405	10,937
9	10	99 078	59 903,845	1 057 953,664	17,661	17,193	59	60	85 248	3 148,787	35 119,738	11,153	10,686
10	11	99 063	56 638,193	998 049,819	17,621	17,154	60	61	83 980	2 933,268	31 970,951	10,899	10,432
11	12	99 047	53 549,506	941 411,626	17,580	17,113	61	62	82 629	2 729,176	29 037,683	10,640	10,172
12	13	99 030	50 629,409	887 862,119	17,536	17,069	62	63	81 191	2 535,870	26 308,506	10,375	9,907
13	14	99 010	47 866,894	837 232,710	17,491	17,023	63	64	79 678	2 353,274	23 772,637	10,102	9,634
14	15	98 989	45 254,277	789 365,816	17,443	16,975	64	65	78 092	2 181,034	21 419,363	9,821	9,353
15	16	98 961	42 781,838	744 111,538	17,393	16,926	65	66	76 390	2 017,491	19 238,329	9,536	9,068
16	17	98 928	40 442,212	701 329,701	17,342	16,874	66	67	74 596	1 862,990	17 220,838	9,244	8,776
17	18	98 887	38 227,160	660 887,488	17,288	16,821	67	68	72 692	1 716,730	15 357,848	8,946	8,478
18	19	98 831	36 128,114	622 660,329	17,235	16,767	68	69	70 699	1 578,877	13 641,118	8,640	8,172
19	20	98 763	34 140,199	586 532,215	17,180	16,713	69	70	68 609	1 448,884	12 062,241	8,325	7,858
20	21	98 693	32 260,937	552 392,015	17,123	16,655	70	71	66 392	1 325,843	10 613,357	8,005	7,537
21	22	98 619	30 484,005	520 131,079	17,062	16,595	71	72	64 045	1 209,429	9 287,514	7,679	7,212
22	23	98 543	28 804,442	489 647,073	16,999	16,531	72	73	61 545	1 099,014	8 078,085	7,350	6,883
23	24	98 469	27 217,546	460 842,632	16,932	16,464	73	74	58 903	994,642	6 979,071	7,017	6,549
24	25	98 397	25 718,977	433 625,086	16,860	16,393	74	75	56 081	895,506	5 984,429	6,683	6,215
25	26	98 321	24 301,590	407 906,109	16,785	16,318	75	76	53 019	800,579	5 088,923	6,357	5,889
26	27	98 243	22 962,166	383 604,519	16,706	16,238	76	77	49 784	710,859	4 288,344	6,033	5,565
27	28	98 160	21 695,186	360 642,353	16,623	16,156	77	78	46 390	626,370	3 577,486	5,711	5,244
28	29	98 073	20 497,372	338 947,167	16,536	16,069	78	79	42 803	546,518	2 951,115	5,400	4,932
29	30	97 986	19 365,652	318 449,795	16,444	15,976	79	80	39 070	471,732	2 404,597	5,097	4,630
30	31	97 894	18 295,452	299 084,143	16,347	15,880	80	81	35 235	402,294	1 932,865	4,805	4,337
31	32	97 801	17 284,371	280 788,691	16,245	15,778	81	82	31 375	338,746	1 530,571	4,518	4,051
32	33	97 697	16 327,103	263 504,320	16,139	15,671	82	83	27 485	280,613	1 191,824	4,247	3,780
33	34	97 589	15 422,351	247 177,217	16,027	15,560	83	84	23 692	228,736	911,211	3,984	3,516
34	35	97 474	14 566,461	231 754,866	15,910	15,443	84	85	20 047	183,018	682,475	3,729	3,261
35	36	97 358	13 758,031	217 188,405	15,786	15,319	85	86	16 582	143,157	499,457	3,489	3,021
36	37	97 230	12 992,853	203 430,374	15,657	15,190	86	87	13 388	109,298	356,300	3,260	2,792
37	38	97 092	12 269,012	190 437,521	15,522	15,054	87	88	10 495	81,019	247,002	3,049	2,581
38	39	96 946	11 584,441	178 168,509	15,380	14,912	88	89	7 966	58,150	165,984	2,854	2,387
39	40	96 775	10 935,274	166 584,068	15,234	14,766	89	90	5 824	40,205	107,834	2,682	2,215
40	41	96 596	10 321,519	155 648,794	15,080	14,612	90	91	4 099	26,759	67,628	2,527	2,060
41	42	96 395	9 739,968	145 327,275	14,921	14,453	91	92	2 778	17,146	40,870	2,384	1,916
42	43	96 177	9 189,571	135 587,307	14,754	14,287	92	93	1 802	10,519	23,724	2,255	1,788
43	44	95 932	8 667,727	126 397,736	14,583	14,115	93	94	1 119	6,179	13,205	2,137	1,669
44	45	95 653	8 172,627	117 730,009	14,405	13,938	94	95	663	3,462	7,026	2,029	1,562
45	46	95 341	7 703,088	109 557,383	14,223	13,755	95	96	374	1,845	3,564	1,932	1,464
46	47	94 996	7 257,868	101 854,295	14,034	13,566	96	97	200	0,933	1,719	1,843	1,376
47	48	94 606	6 835,061	94 596,427	13,840	13,372	97	98	101	0,446	0,786	1,763	1,295
48	49	94 166	6 433,360	87 761,365	13,642	13,174	98	99	48	0,201	0,340	1,690	1,222
49	50	93 671	6 051,566	81 328,005	13,439	12,972	99	100	22	0,086	0,139	1,623	1,156

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß   5,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	2	99 658	99 658,418	1 778 581,924	17,847	17,379	50	52	92 902	5 675,530	74 612,858	13,146	12,679
1	3	99 258	93 861,155	1 678 923,506	17,887	17,420	51	53	92 276	5 330,785	68 937,328	12,932	12,464
2	4	99 215	88 718,637	1 585 062,350	17,866	17,399	52	54	91 564	5 001,998	63 606,543	12,716	12,249
3	5	99 184	83 868,861	1 496 343,713	17,841	17,374	53	55	90 815	4 691,324	58 604,545	12,492	12,025
4	6	99 160	79 289,572	1 412 474,853	17,814	17,347	54	56	89 993	4 396,122	53 913,221	12,264	11,796
5	7	99 138	74 961,833	1 333 185,281	17,785	17,317	55	57	89 099	4 115,761	49 517,099	12,031	11,564
6	8	99 119	70 872,152	1 258 223,448	17,753	17,286	56	58	88 142	3 850,190	45 401,338	11,792	11,324
7	9	99 101	67 006,568	1 187 351,296	17,720	17,252	57	59	87 113	3 598,355	41 551,148	11,547	11,080
8	10	99 086	63 353,593	1 120 344,728	17,684	17,216	58	60	86 005	3 359,386	37 952,794	11,298	10,830
9	11	99 071	59 899,594	1 056 991,135	17,646	17,178	59	61	84 789	3 131,818	34 593,408	11,046	10,578
10	12	99 055	56 633,664	997 091,541	17,606	17,138	60	62	83 497	2 916,411	31 461,590	10,788	10,320
11	13	99 039	53 545,196	940 457,877	17,564	17,096	61	63	82 108	2 711,962	28 545,179	10,526	10,058
12	14	99 021	50 624,874	886 912,681	17,519	17,052	62	64	80 644	2 518,783	25 833,217	10,256	9,789
13	15	99 000	47 861,706	836 287,807	17,473	17,005	63	65	79 092	2 335,978	23 314,434	9,981	9,513
14	16	98 976	45 248,585	788 426,101	17,424	16,957	64	66	77 482	2 164,001	20 978,455	9,694	9,227
15	17	98 946	42 775,255	743 177,516	17,374	16,906	65	67	75 736	2 000,233	18 814,455	9,406	8,939
16	18	98 913	40 435,722	700 402,261	17,321	16,854	66	68	73 915	1 845,976	16 814,222	9,109	8,641
17	19	98 864	38 218,428	659 966,539	17,268	16,801	67	69	71 986	1 700,059	14 968,245	8,805	8,337
18	20	98 810	36 120,652	621 748,111	17,213	16,746	68	70	69 948	1 562,107	13 268,186	8,494	8,026
19	21	98 741	34 132,621	585 627,459	17,157	16,690	69	71	67 813	1 432,070	11 706,079	8,174	7,707
20	22	98 672	32 254,185	551 494,838	17,098	16,631	70	72	65 537	1 308,770	10 274,009	7,850	7,383
21	23	98 597	30 477,167	519 240,653	17,037	16,569	71	73	63 118	1 191,919	8 965,239	7,522	7,054
22	24	98 521	28 797,857	488 763,486	16,972	16,505	72	74	60 544	1 081,143	7 773,320	7,190	6,722
23	25	98 449	27 212,044	459 965,629	16,903	16,435	73	75	57 807	976,135	6 692,177	6,856	6,388
24	26	98 376	25 713,319	432 753,585	16,830	16,362	74	76	54 878	876,290	5 716,043	6,523	6,055
25	27	98 297	24 295,838	407 040,265	16,753	16,286	75	77	51 721	780,970	4 839,753	6,197	5,730
26	28	98 217	22 955,997	382 744,427	16,673	16,205	76	78	48 404	691,151	4 058,782	5,872	5,405
27	29	98 135	21 689,700	359 788,430	16,588	16,120	77	79	44 902	606,284	3 367,631	5,555	5,087
28	30	98 045	20 491,491	338 098,730	16,499	16,032	78	80	41 249	526,676	2 761,348	5,243	4,775
29	31	97 958	19 360,171	317 607,239	16,405	15,938	79	81	37 438	452,030	2 234,672	4,944	4,476
30	32	97 864	18 289,926	298 247,068	16,307	15,839	80	82	33 558	383,149	1 782,641	4,653	4,185
31	33	97 767	17 278,244	279 957,142	16,203	15,735	81	83	29 645	320,066	1 399,492	4,373	3,905
32	34	97 661	16 321,134	262 678,898	16,094	15,627	82	84	25 762	263,016	1 079,426	4,104	3,636
33	35	97 548	15 415,800	246 357,764	15,981	15,513	83	85	21 979	212,194	816,410	3,847	3,380
34	36	97 435	14 560,667	230 941,964	15,861	15,393	84	86	18 388	167,873	604,216	3,599	3,132
35	37	97 311	13 751,493	216 381,297	15,735	15,268	85	87	15 020	129,669	436,343	3,365	2,897
36	38	97 178	12 985,919	202 629,804	15,604	15,136	86	88	11 938	97,462	306,675	3,147	2,679
37	39	97 038	12 262,182	189 643,885	15,466	14,998	87	89	9 211	71,111	209,213	2,942	2,474
38	40	96 882	11 576,777	177 381,704	15,322	14,855	88	90	6 838	49,921	138,102	2,766	2,299
39	41	96 707	10 927,551	165 804,927	15,173	14,706	89	91	4 923	33,982	88,181	2,595	2,127
40	42	96 518	10 313,246	154 877,375	15,017	14,550	90	92	3 371	22,004	54,200	2,463	1,996
41	43	96 309	9 731,299	144 564,129	14,856	14,388	91	93	2 252	13,901	32,195	2,316	1,848
42	44	96 078	9 180,161	134 832,830	14,687	14,220	92	94	1 429	8,339	18,294	2,194	1,726
43	45	95 824	8 657,992	125 652,669	14,513	14,045	93	95	867	4,783	9,955	2,081	1,614
44	46	95 532	8 162,254	116 994,677	14,334	13,866	94	96	501	2,614	5,172	1,979	1,511
45	47	95 207	7 692,233	108 832,423	14,148	13,681	95	97	275	1,357	2,558	1,886	1,418
46	48	94 841	7 246,001	101 140,190	13,958	13,490	96	98	143	0,667	1,202	1,802	1,334
47	49	94 439	6 822,974	93 894,189	13,761	13,294	97	99	70	0,310	0,535	1,725	1,257
48	50	93 973	6 420,122	87 071,215	13,562	13,095	98	100	33	0,136	0,225	1,656	1,188
49	51	93 465	6 038,235	80 651,093	13,357	12,889							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß   5,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	3	99 644	99 643,575	1 777 467,899	17,838	17,371	50	53	92 647	5 659,949	73 897,653	13,056	12,589
1	4	99 247	93 850,668	1 677 824,324	17,878	17,410	51	54	91 999	5 314,757	68 237,704	12,839	12,372
2	5	99 203	88 708,064	1 583 973,656	17,856	17,388	52	55	91 271	4 986,036	62 922,947	12,620	12,152
3	6	99 174	83 860,384	1 495 265,592	17,830	17,363	53	56	90 493	4 674,702	57 936,911	12,394	11,926
4	7	99 152	79 282,667	1 411 405,209	17,802	17,335	54	57	89 654	4 379,539	53 262,209	12,162	11,694
5	8	99 130	74 955,399	1 332 122,542	17,772	17,305	55	58	88 742	4 099,312	48 882,670	11,925	11,457
6	9	99 112	70 866,933	1 257 167,143	17,740	17,272	56	59	87 753	3 833,201	44 783,358	11,683	11,215
7	10	99 095	67 001,945	1 186 300,210	17,705	17,238	57	60	86 702	3 581,363	40 950,157	11,434	10,967
8	11	99 079	63 349,097	1 119 298,265	17,669	17,201	58	61	85 541	3 341,281	37 368,793	11,184	10,716
9	12	99 063	59 894,804	1 055 949,168	17,630	17,162	59	62	84 302	3 113,820	34 027,512	10,928	10,460
10	13	99 047	56 629,105	996 054,364	17,589	17,122	60	63	82 970	2 898,015	30 913,692	10,667	10,200
11	14	99 030	53 540,399	939 425,259	17,546	17,079	61	64	81 555	2 693,689	28 015,677	10,400	9,933
12	15	99 011	50 619,387	885 884,860	17,501	17,033	62	65	80 052	2 500,272	25 321,988	10,128	9,660
13	16	98 987	47 855,685	835 265,472	17,454	16,986	63	66	78 474	2 317,735	22 821,716	9,847	9,379
14	17	98 961	45 241,622	787 409,787	17,405	16,937	64	67	76 819	2 145,489	20 503,982	9,557	9,089
15	18	98 930	42 768,390	742 168,165	17,353	16,886	65	68	75 045	1 981,966	18 358,492	9,263	8,795
16	19	98 890	40 426,486	699 399,774	17,301	16,833	66	69	73 197	1 828,051	16 376,526	8,958	8,491
17	20	98 844	38 210,535	658 973,288	17,246	16,778	67	70	71 222	1 682,002	14 548,475	8,649	8,182
18	21	98 788	36 112,634	620 762,753	17,190	16,722	68	71	69 136	1 543,979	12 866,473	8,333	7,866
19	22	98 720	34 125,477	584 650,120	17,132	16,665	69	72	66 939	1 413,629	11 322,494	8,010	7,542
20	23	98 650	32 246,949	550 524,643	17,072	16,605	70	73	64 589	1 289,822	9 908,865	7,682	7,215
21	24	98 574	30 470,200	518 277,693	17,009	16,542	71	74	62 092	1 172,537	8 619,043	7,351	6,883
22	25	98 501	28 792,036	487 807,493	16,942	16,475	72	75	59 417	1 061,025	7 446,506	7,018	6,551
23	26	98 427	27 206,058	459 015,457	16,872	16,404	73	76	56 566	955,189	6 385,481	6,685	6,217
24	27	98 352	25 707,234	431 809,398	16,797	16,330	74	77	53 534	854,827	5 430,292	6,353	5,885
25	28	98 271	24 289,311	406 102,165	16,719	16,252	75	78	50 287	759,319	4 575,465	6,026	5,558
26	29	98 192	22 950,192	381 812,853	16,637	16,169	76	79	46 852	668,987	3 816,146	5,704	5,237
27	30	98 107	21 683,476	358 862,661	16,550	16,082	77	80	43 272	584,272	3 147,159	5,386	4,919
28	31	98 017	20 485,691	337 179,185	16,459	15,992	78	81	39 526	504,679	2 562,887	5,078	4,611
29	32	97 928	19 354,324	316 693,493	16,363	15,895	79	82	35 657	430,518	2 058,208	4,781	4,313
30	33	97 829	18 283,443	297 339,169	16,263	15,795	80	83	31 708	362,021	1 627,690	4,496	4,029
31	34	97 731	17 271,927	279 055,727	16,157	15,689	81	84	27 786	299,994	1 265,669	4,219	3,751
32	35	97 620	16 314,201	261 783,800	16,046	15,579	82	85	23 899	243,995	965,675	3,958	3,490
33	36	97 509	15 409,668	245 469,599	15,930	15,462	83	86	20 160	194,634	721,679	3,708	3,240
34	37	97 388	14 553,748	230 059,931	15,808	15,340	84	87	16 655	152,055	527,045	3,466	2,999
35	38	97 259	13 744,154	215 506,183	15,680	15,212	85	88	13 393	115,627	374,990	3,243	2,776
36	39	97 124	12 978,689	201 762,029	15,546	15,078	86	89	10 478	85,543	259,363	3,032	2,564
37	40	96 974	12 254,070	188 783,340	15,406	14,938	87	90	7 908	61,048	173,820	2,847	2,380
38	41	96 813	11 568,601	176 529,270	15,259	14,792	88	91	5 780	42,193	112,772	2,673	2,205
39	42	96 629	10 918,793	164 960,669	15,108	14,640	89	92	4 048	27,944	70,579	2,526	2,058
40	43	96 433	10 304,067	154 041,876	14,950	14,482	90	93	2 733	17,840	42,635	2,390	1,922
41	44	96 210	9 721,334	143 737,809	14,786	14,318	91	94	1 785	11,020	24,795	2,250	1,782
42	45	95 971	9 169,851	134 016,475	14,615	14,147	92	95	1 106	6,455	13,775	2,134	1,666
43	46	95 702	8 647,003	124 846,624	14,438	13,971	93	96	654	3,611	7,319	2,027	1,559
44	47	95 397	8 150,752	116 199,622	14,256	13,789	94	97	368	1,922	3,708	1,930	1,462
45	48	95 051	7 679,656	108 048,869	14,069	13,602	95	98	197	0,970	1,786	1,841	1,374
46	49	94 673	7 233,186	100 369,214	13,876	13,409	96	99	99	0,463	0,816	1,761	1,294
47	50	94 245	6 808,935	93 136,027	13,679	13,211	97	100	47	0,209	0,353	1,688	1,221
48	51	93 766	6 405,979	86 327,092	13,476	13,008							
49	52	93 236	6 023,460	79 921,113	13,268	12,801							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß   5,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 632	99 632,441	1 776 275,789	17,828	17,361	50	54	92 368	5 642,932	73 128,567	12,959	12,492
1	5	99 235	93 839,483	1 676 643,347	17,867	17,400	51	55	91 705	5 297,797	67 485,635	12,738	12,271
2	6	99 193	88 699,097	1 582 803,864	17,845	17,377	52	56	90 948	4 968,369	62 187,838	12,517	12,049
3	7	99 165	83 853,080	1 494 104,767	17,818	17,351	53	57	90 151	4 657,068	57 219,469	12,287	11,819
4	8	99 143	79 275,862	1 410 251,687	17,789	17,322	54	58	89 295	4 362,036	52 562,401	12,050	11,582
5	9	99 123	74 949,879	1 330 975,825	17,758	17,291	55	59	88 351	4 081,224	48 200,365	11,810	11,343
6	10	99 105	70 862,044	1 256 025,946	17,725	17,257	56	60	87 339	3 815,101	44 119,140	11,564	11,097
7	11	99 088	66 997,190	1 185 163,901	17,690	17,222	57	61	86 235	3 562,062	40 304,040	11,315	10,847
8	12	99 071	63 344,031	1 118 166,711	17,652	17,185	58	62	85 050	3 322,080	36 741,978	11,060	10,592
9	13	99 055	59 889,982	1 054 822,680	17,613	17,145	59	63	83 770	3 094,179	33 419,898	10,801	10,333
10	14	99 039	56 624,033	994 932,698	17,571	17,103	60	64	82 411	2 878,489	30 325,719	10,535	10,068
11	15	99 019	53 534,596	938 308,665	17,527	17,060	61	65	80 956	2 673,892	27 447,230	10,265	9,797
12	16	98 998	50 613,020	884 774,069	17,481	17,014	62	66	79 427	2 480,745	24 773,338	9,986	9,519
13	17	98 972	47 848,322	834 161,049	17,433	16,966	63	67	77 803	2 297,908	22 292,593	9,701	9,234
14	18	98 945	45 234,362	786 312,728	17,383	16,916	64	68	76 118	2 125,896	19 994,685	9,405	8,938
15	19	98 908	42 758,622	741 078,365	17,332	16,864	65	69	74 316	1 962,720	17 868,789	9,104	8,637
16	20	98 869	40 418,137	698 319,744	17,277	16,810	66	70	72 420	1 808,634	15 906,068	8,795	8,327
17	21	98 822	38 202,052	657 901,607	17,222	16,754	67	71	70 395	1 662,483	14 097,434	8,480	8,012
18	22	98 768	36 105,076	619 699,555	17,164	16,696	68	72	68 246	1 524,097	12 434,951	8,159	7,691
19	23	98 698	34 117,822	583 594,479	17,105	16,638	69	73	65 970	1 393,163	10 910,854	7,832	7,364
20	24	98 627	32 239,578	549 476,657	17,044	16,576	70	74	63 538	1 268,848	9 517,691	7,501	7,033
21	25	98 554	30 464,041	517 237,079	16,979	16,511	71	75	60 936	1 150,719	8 248,844	7,168	6,701
22	26	98 479	28 785,703	486 773,038	16,910	16,443	72	76	58 142	1 038,258	7 098,125	6,837	6,369
23	27	98 404	27 199,619	457 987,335	16,838	16,370	73	77	55 181	931,793	6 059,867	6,503	6,036
24	28	98 326	25 700,328	430 787,716	16,762	16,294	74	78	52 049	831,128	5 128,073	6,170	5,702
25	29	98 246	24 283,169	405 087,388	16,682	16,214	75	79	48 674	734,969	4 296,945	5,846	5,379
26	30	98 164	22 943,607	380 804,219	16,597	16,130	76	80	45 151	644,699	3 561,976	5,525	5,057
27	31	98 079	21 677,339	357 860,612	16,509	16,041	77	81	41 464	559,870	2 917,277	5,211	4,743
28	32	97 987	20 479,504	336 183,272	16,416	15,948	78	82	37 645	480,661	2 357,408	4,905	4,437
29	33	97 894	19 347,463	315 703,768	16,318	15,850	79	83	33 690	406,777	1 876,746	4,614	4,146
30	34	97 794	18 276,758	296 356,305	16,215	15,747	80	84	29 719	339,318	1 469,969	4,332	3,865
31	35	97 690	17 264,590	278 079,547	16,107	15,639	81	85	25 776	278,300	1 130,652	4,063	3,595
32	36	97 581	16 307,712	260 814,957	15,993	15,526	82	86	21 921	223,804	852,351	3,808	3,341
33	37	97 463	15 402,345	244 507,245	15,875	15,407	83	87	18 260	176,295	628,548	3,565	3,098
34	38	97 337	14 545,981	229 104,900	15,750	15,283	84	88	14 852	135,589	452,252	3,335	2,868
35	39	97 205	13 736,503	214 558,920	15,620	15,152	85	89	11 756	101,487	316,663	3,120	2,653
36	40	97 059	12 970,103	200 822,417	15,483	15,016	86	90	8 996	73,437	215,176	2,930	2,462
37	41	96 905	12 245,415	187 852,314	15,341	14,873	87	91	6 684	51,598	141,739	2,747	2,279
38	42	96 736	11 559,329	175 606,899	15,192	14,724	88	92	4 753	34,696	90,141	2,598	2,130
39	43	96 543	10 909,074	164 047,569	15,038	14,570	89	93	3 282	22,656	55,445	2,447	1,980
40	44	96 334	10 293,516	153 138,495	14,877	14,410	90	94	2 167	14,143	32,789	2,318	1,851
41	45	96 102	9 710,416	142 844,979	14,710	14,243	91	95	1 382	8,531	18,646	2,186	1,718
42	46	95 849	9 158,212	133 134,563	14,537	14,070	92	96	835	4,873	10,115	2,076	1,608
43	47	95 567	8 634,818	123 976,351	14,358	13,890	93	97	481	2,655	5,242	1,974	1,507
44	48	95 241	8 137,425	115 341,533	14,174	13,707	94	98	263	1,374	2,587	1,882	1,414
45	49	94 883	7 666,075	107 204,108	13,984	13,517	95	99	137	0,674	1,212	1,798	1,331
46	50	94 478	7 218,303	99 538,034	13,790	13,322	96	100	67	0,312	0,538	1,722	1,254
47	51	94 037	6 793,935	92 319,730	13,589	13,121							
48	52	93 536	6 390,305	85 525,796	13,384	12,916							
49	53	92 980	6 006,924	79 135,491	13,174	12,706							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß   5,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	5	99 621	99 620,567	1 774 996,205	17,818	17,350	50	55	92 074	5 624,924	72 303,091	12,854	12,386
1	6	99 225	93 829,998	1 675 375,638	17,855	17,388	51	56	91 380	5 279,026	66 678,167	12,631	12,163
2	7	99 184	88 691,373	1 581 545,640	17,832	17,364	52	57	90 605	4 949,628	61 399,141	12,405	11,937
3	8	99 157	83 845,884	1 492 854,267	17,805	17,337	53	58	89 791	4 638,456	56 449,514	12,170	11,702
4	9	99 136	79 270,024	1 409 008,383	17,775	17,307	54	59	88 901	4 342,789	51 811,058	11,930	11,463
5	10	99 116	74 944,709	1 329 738,360	17,743	17,275	55	60	87 934	4 061,953	47 468,268	11,686	11,218
6	11	99 098	70 857,015	1 254 793,651	17,709	17,241	56	61	86 868	3 794,540	43 406,316	11,439	10,972
7	12	99 080	66 991,833	1 183 936,636	17,673	17,205	57	62	85 739	3 541,592	39 611,776	11,185	10,717
8	13	99 064	63 338,932	1 116 944,803	17,634	17,167	58	63	84 513	3 301,125	36 070,184	10,927	10,459
9	14	99 046	59 884,617	1 053 605,871	17,594	17,126	59	64	83 205	3 073,331	32 769,059	10,662	10,195
10	15	99 028	56 617,895	993 721,254	17,551	17,084	60	65	81 806	2 857,334	29 695,728	10,393	9,925
11	16	99 007	53 527,862	937 103,358	17,507	17,039	61	66	80 323	2 653,009	26 838,394	10,116	9,649
12	17	98 983	50 605,232	883 575,497	17,460	16,993	62	67	78 747	2 459,524	24 185,385	9,833	9,366
13	18	98 956	47 840,643	832 970,265	17,411	16,944	63	68	77 092	2 276,923	21 725,861	9,542	9,074
14	19	98 922	45 224,030	785 129,621	17,361	16,893	64	69	75 379	2 105,252	19 448,938	9,238	8,771
15	20	98 887	42 749,790	739 905,591	17,308	16,840	65	70	73 527	1 941,873	17 343,685	8,931	8,464
16	21	98 848	40 409,164	697 155,801	17,252	16,785	66	71	71 579	1 787,645	15 401,812	8,616	8,148
17	22	98 801	38 194,057	656 746,636	17,195	16,727	67	72	69 489	1 641,075	13 614,167	8,296	7,828
18	23	98 746	36 096,976	618 552,579	17,136	16,668	68	73	67 258	1 502,031	11 973,092	7,971	7,504
19	24	98 675	34 110,023	582 455,603	17,076	16,608	69	74	64 897	1 370,508	10 471,061	7,640	7,173
20	25	98 607	32 233,061	548 345,580	17,012	16,544	70	75	62 356	1 245,237	9 100,552	7,308	6,841
21	26	98 533	30 457,340	516 112,519	16,945	16,478	71	76	59 629	1 126,027	7 855,315	6,976	6,509
22	27	98 456	28 778,890	485 655,179	16,875	16,408	72	77	56 718	1 012,828	6 729,287	6,644	6,176
23	28	98 377	27 192,312	456 876,289	16,802	16,334	73	78	53 651	905,961	5 716,460	6,310	5,842
24	29	98 301	25 693,829	429 683,977	16,723	16,256	74	79	50 380	804,475	4 810,499	5,980	5,512
25	30	98 218	24 276,202	403 990,148	16,641	16,174	75	80	46 907	708,285	4 006,023	5,656	5,188
26	31	98 136	22 937,114	379 713,946	16,555	16,087	76	81	43 265	617,772	3 297,738	5,338	4,871
27	32	98 049	21 670,792	356 776,833	16,463	15,996	77	82	39 491	533,225	2 679,966	5,026	4,558
28	33	97 953	20 472,245	335 106,040	16,369	15,901	78	83	35 569	454,156	2 146,740	4,727	4,259
29	34	97 858	19 340,389	314 633,796	16,268	15,801	79	84	31 578	381,268	1 692,585	4,439	3,972
30	35	97 752	18 268,994	295 293,406	16,164	15,696	80	85	27 570	314,780	1 311,317	4,166	3,698
31	36	97 651	17 257,723	277 024,412	16,052	15,585	81	86	23 643	255,270	996,538	3,904	3,436
32	37	97 535	16 299,962	259 766,689	15,937	15,469	82	87	19 855	202,716	741,268	3,657	3,189
33	38	97 411	15 394,125	243 466,727	15,816	15,348	83	88	16 283	157,204	538,552	3,426	2,958
34	39	97 282	14 537,883	228 072,602	15,688	15,221	84	89	13 036	119,008	381,348	3,204	2,737
35	40	97 141	13 727,415	213 534,720	15,555	15,088	85	90	10 092	87,125	262,340	3,011	2,543
36	41	96 991	12 960,943	199 807,304	15,416	14,949	86	91	7 603	62,070	175,215	2,823	2,355
37	42	96 828	12 235,601	186 846,361	15,271	14,803	87	92	5 496	42,430	113,145	2,667	2,199
38	43	96 650	11 549,040	174 610,760	15,119	14,651	88	93	3 853	28,131	70,715	2,514	2,046
39	44	96 445	10 897,904	163 061,720	14,963	14,495	89	94	2 602	17,960	42,585	2,371	1,903
40	45	96 226	10 281,955	152 163,816	14,799	14,332	90	95	1 677	10,948	24,624	2,249	1,782
41	46	95 980	9 698,091	141 881,861	14,630	14,162	91	96	1 043	6,440	13,676	2,123	1,656
42	47	95 714	9 145,307	132 183,770	14,454	13,986	92	97	614	3,583	7,236	2,019	1,552
43	48	95 411	8 620,699	123 038,463	14,272	13,805	93	98	344	1,899	3,652	1,923	1,456
44	49	95 072	8 123,034	114 417,764	14,086	13,618	94	99	183	0,955	1,753	1,836	1,368
45	50	94 688	7 650,301	106 294,729	13,894	13,427	95	100	92	0,454	0,798	1,756	1,289
46	51	94 270	7 202,401	98 644,429	13,696	13,228							
47	52	93 807	6 777,311	91 442,027	13,492	13,025							
48	53	93 279	6 372,761	84 664,716	13,285	12,818							
49	54	92 701	5 988,864	78 291,955	13,073	12,605							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß   5,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	6	99 610	99 610,498	1 773 624,058	17,806	17,338	50	56	91 747	5 604,994	71 418,227	12,742	12,274
1	7	99 217	93 821,826	1 674 013,560	17,842	17,375	51	57	91 036	5 259,112	65 813,233	12,514	12,047
2	8	99 176	88 683,761	1 580 191,733	17,818	17,351	52	58	90 243	4 929,846	60 554,121	12,283	11,816
3	9	99 150	83 839,709	1 491 507,973	17,790	17,322	53	59	89 395	4 617,990	55 624,275	12,045	11,578
4	10	99 129	79 264,555	1 407 668,264	17,759	17,292	54	60	88 482	4 322,282	51 006,285	11,801	11,333
5	11	99 109	74 939,390	1 328 403,709	17,726	17,259	55	61	87 460	4 040,061	46 684,003	11,555	11,088
6	12	99 090	70 851,349	1 253 464,319	17,691	17,224	56	62	86 369	3 772,734	42 643,941	11,303	10,836
7	13	99 072	66 986,440	1 182 612,970	17,655	17,187	57	63	85 198	3 519,253	38 871,208	11,045	10,578
8	14	99 055	63 333,258	1 115 626,530	17,615	17,148	58	64	83 944	3 278,883	35 351,955	10,782	10,314
9	15	99 036	59 878,127	1 052 293,272	17,574	17,106	59	65	82 594	3 050,744	32 073,072	10,513	10,046
10	16	99 015	56 610,773	992 415,145	17,530	17,063	60	66	81 167	2 835,018	29 022,328	10,237	9,770
11	17	98 991	53 519,625	935 804,372	17,485	17,018	61	67	79 636	2 630,315	26 187,310	9,956	9,488
12	18	98 967	50 597,111	882 284,747	17,437	16,970	62	68	78 028	2 437,063	23 556,995	9,666	9,199
13	19	98 933	47 829,716	831 687,635	17,389	16,921	63	69	76 344	2 254,813	21 119,932	9,367	8,899
14	20	98 902	45 214,690	783 857,919	17,336	16,869	64	70	74 578	2 082,891	18 865,120	9,057	8,590
15	21	98 865	42 740,300	738 643,230	17,282	16,815	65	71	72 673	1 919,338	16 782,228	8,744	8,276
16	22	98 827	40 400,707	695 902,929	17,225	16,757	66	72	70 657	1 764,626	14 862,890	8,423	7,955
17	23	98 779	38 185,489	655 502,222	17,166	16,699	67	73	68 483	1 617,316	13 098,265	8,099	7,631
18	24	98 723	36 088,725	617 316,733	17,106	16,638	68	74	66 164	1 477,601	11 480,949	7,770	7,302
19	25	98 656	34 103,128	581 228,008	17,043	16,576	69	75	63 690	1 345,007	10 003,342	7,437	6,970
20	26	98 586	32 225,971	547 124,880	16,978	16,510	70	76	61 018	1 218,517	8 658,335	7,106	6,638
21	27	98 509	30 450,132	514 898,910	16,910	16,442	71	77	58 168	1 098,448	7 439,818	6,773	6,305
22	28	98 430	28 771,159	484 448,778	16,838	16,370	72	78	55 146	984,749	6 341,371	6,440	5,972
23	29	98 352	27 185,436	455 677,619	16,762	16,294	73	79	51 930	876,908	5 356,622	6,109	5,641
24	30	98 273	25 686,457	428 492,183	16,682	16,214	74	80	48 551	775,268	4 479,714	5,778	5,311
25	31	98 190	24 269,331	402 805,727	16,597	16,130	75	81	44 948	678,703	3 704,446	5,458	4,991
26	32	98 106	22 930,186	378 536,396	16,508	16,041	76	82	41 206	588,372	3 025,742	5,143	4,675
27	33	98 015	21 663,111	355 606,210	16,415	15,948	77	83	37 313	503,821	2 437,370	4,838	4,370
28	34	97 917	20 464,759	333 943,099	16,318	15,850	78	84	33 339	425,675	1 933,549	4,542	4,075
29	35	97 816	19 332,174	313 478,340	16,215	15,748	79	85	29 294	353,696	1 507,874	4,263	3,796
30	36	97 713	18 261,728	294 146,166	16,107	15,640	80	86	25 288	288,730	1 154,178	3,997	3,530
31	37	97 604	17 249,522	275 884,438	15,994	15,526	81	87	21 416	231,217	865,448	3,743	3,275
32	38	97 483	16 291,263	258 634,916	15,876	15,408	82	88	17 705	180,764	634,231	3,509	3,041
33	39	97 357	15 385,555	242 343,653	15,751	15,284	83	89	14 292	137,980	453,467	3,286	2,819
34	40	97 218	14 528,265	226 958,098	15,622	15,154	84	90	11 191	102,166	315,487	3,088	2,620
35	41	97 072	13 717,720	212 429,833	15,486	15,018	85	91	8 530	73,638	213,320	2,897	2,429
36	42	96 913	12 950,555	198 712,113	15,344	14,876	86	92	6 252	51,041	139,682	2,737	2,269
37	43	96 741	12 224,710	185 761,558	15,196	14,728	87	93	4 456	34,401	88,641	2,577	2,109
38	44	96 551	11 537,215	173 536,847	15,041	14,574	88	94	3 055	22,301	54,241	2,432	1,965
39	45	96 336	10 885,664	161 999,633	14,882	14,414	89	95	2 014	13,903	31,940	2,297	1,830
40	46	96 103	10 268,905	151 113,969	14,716	14,248	90	96	1 266	8,265	18,037	2,182	1,715
41	47	95 845	9 684,425	140 845,064	14,543	14,076	91	97	767	4,736	9,771	2,063	1,596
42	48	95 557	9 130,353	131 160,639	14,365	13,898	92	98	439	2,563	5,036	1,965	1,497
43	49	95 242	8 605,454	122 030,285	14,181	13,713	93	99	239	1,320	2,473	1,874	1,406
44	50	94 877	8 106,320	113 424,831	13,992	13,525	94	100	123	0,644	1,153	1,791	1,324
45	51	94 480	7 633,447	105 318,511	13,797	13,329							
46	52	94 040	7 184,778	97 685,064	13,596	13,129							
47	53	93 549	6 758,705	90 500,286	13,390	12,923							
48	54	92 999	6 353,601	83 741,580	13,180	12,713							
49	55	92 405	5 969,752	77 387,979	12,963	12,496							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß   5,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	7	99 602	99 601,823	1 772 151,402	17,792	17,325	50	57	91 401	5 583,851	70 471,925	12,621	12,153
1	8	99 208	93 813,774	1 672 549,579	17,828	17,361	51	58	90 672	5 238,094	64 888,074	12,388	11,920
2	9	99 168	88 677,229	1 578 735,805	17,803	17,336	52	59	89 845	4 908,094	59 649,980	12,153	11,686
3	10	99 143	83 833,925	1 490 058,576	17,774	17,306	53	60	88 973	4 596,183	54 741,886	11,910	11,443
4	11	99 122	79 258,930	1 406 224,650	17,742	17,275	54	61	88 005	4 298,988	50 145,703	11,665	11,197
5	12	99 101	74 933,397	1 326 965,720	17,709	17,241	55	62	86 957	4 016,844	45 846,714	11,414	10,946
6	13	99 082	70 845,645	1 252 032,323	17,673	17,205	56	63	85 824	3 748,937	41 829,870	11,158	10,690
7	14	99 063	66 980,439	1 181 186,678	17,635	17,167	57	64	84 624	3 495,541	38 080,933	10,894	10,427
8	15	99 044	63 326,394	1 114 206,239	17,595	17,127	58	65	83 327	3 254,785	34 585,393	10,626	10,158
9	16	99 023	59 870,595	1 050 879,845	17,553	17,085	59	66	81 949	3 026,918	31 330,608	10,351	9,883
10	17	99 000	56 602,062	991 009,250	17,508	17,041	60	67	80 472	2 810,767	28 303,690	10,070	9,602
11	18	98 975	53 511,037	934 407,188	17,462	16,994	61	68	78 909	2 606,294	25 492,923	9,781	9,314
12	19	98 944	50 585,554	880 896,151	17,414	16,946	62	69	77 270	2 413,398	22 886,629	9,483	9,016
13	20	98 913	47 819,837	830 310,597	17,363	16,896	63	70	75 533	2 230,863	20 473,232	9,177	8,710
14	21	98 880	45 204,652	782 490,759	17,310	16,842	64	71	73 713	2 058,720	18 242,369	8,861	8,393
15	22	98 844	42 731,355	737 286,107	17,254	16,786	65	72	71 738	1 894,623	16 183,649	8,542	8,074
16	23	98 805	40 391,644	694 554,752	17,196	16,728	66	73	69 634	1 739,078	14 289,026	8,216	7,749
17	24	98 756	38 176,760	654 163,108	17,135	16,668	67	74	67 369	1 591,016	12 549,948	7,888	7,420
18	25	98 703	36 081,430	615 986,347	17,072	16,605	68	75	64 933	1 450,112	10 958,932	7,557	7,090
19	26	98 634	34 095,626	579 904,917	17,008	16,541	69	76	62 323	1 316,146	9 508,820	7,225	6,757
20	27	98 562	32 218,344	545 809,291	16,941	16,473	70	77	59 524	1 188,672	8 192,675	6,892	6,425
21	28	98 483	30 441,951	513 590,947	16,871	16,404	71	78	56 556	1 067,995	7 004,002	6,558	6,091
22	29	98 405	28 763,883	483 148,996	16,797	16,329	72	79	53 377	953,169	5 936,008	6,228	5,760
23	30	98 324	27 177,636	454 385,113	16,719	16,252	73	80	50 045	845,071	4 982,838	5,896	5,429
24	31	98 245	25 679,187	427 207,477	16,636	16,169	74	81	46 523	742,889	4 137,767	5,570	5,102
25	32	98 160	24 262,001	401 528,290	16,550	16,082	75	82	42 809	646,404	3 394,878	5,252	4,784
26	33	98 072	22 922,058	377 266,289	16,459	15,991	76	83	38 934	555,927	2 748,475	4,944	4,476
27	34	97 979	21 655,190	354 344,231	16,363	15,895	77	84	34 973	472,226	2 192,548	4,643	4,175
28	35	97 875	20 456,066	332 689,041	16,264	15,796	78	85	30 928	394,892	1 720,322	4,356	3,889
29	36	97 777	19 324,484	312 232,975	16,157	15,690	79	86	26 870	324,426	1 325,430	4,085	3,618
30	37	97 667	18 253,049	292 908,490	16,047	15,580	80	87	22 906	261,525	1 001,004	3,828	3,360
31	38	97 552	17 240,316	274 655,441	15,931	15,463	81	88	19 096	206,178	739,479	3,587	3,119
32	39	97 428	16 282,194	257 415,125	15,810	15,342	82	89	15 540	158,659	533,301	3,361	2,894
33	40	97 292	15 375,377	241 132,932	15,683	15,215	83	90	12 269	118,454	374,642	3,163	2,695
34	41	97 149	14 518,005	225 757,555	15,550	15,083	84	91	9 458	86,352	256,188	2,967	2,499
35	42	96 994	13 706,726	211 239,550	15,411	14,944	85	92	7 014	60,554	169,837	2,805	2,337
36	43	96 827	12 939,028	197 532,824	15,266	14,799	86	93	5 069	41,382	109,283	2,641	2,173
37	44	96 642	12 212,193	184 593,796	15,116	14,648	87	94	3 533	27,271	67,901	2,490	2,022
38	45	96 442	11 524,257	172 381,603	14,958	14,491	88	95	2 365	17,263	40,629	2,354	1,886
39	46	96 214	10 871,848	160 857,347	14,796	14,328	89	96	1 521	10,496	23,366	2,226	1,759
40	47	95 968	10 254,435	149 985,499	14,626	14,159	90	97	931	6,078	12,870	2,118	1,650
41	48	95 688	9 668,590	139 731,064	14,452	13,984	91	98	549	3,387	6,792	2,005	1,538
42	49	95 388	9 114,207	130 062,474	14,270	13,803	92	99	305	1,781	3,405	1,912	1,445
43	50	95 046	8 587,747	120 948,267	14,084	13,616	93	100	161	0,890	1,625	1,826	1,359
44	51	94 668	8 088,462	112 360,520	13,891	13,424							
45	52	94 248	7 614,770	104 272,058	13,693	13,226							
46	53	93 781	7 165,054	96 657,289	13,490	13,023							
47	54	93 268	6 738,385	89 492,235	13,281	12,813							
48	55	92 702	6 333,325	82 753,850	13,066	12,599							
49	56	92 077	5 948,600	76 420,525	12,847	12,379							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß   5,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	8	99 593	99 593,274	1 770 570,396	17,778	17,310	50	58	91 036	5 561,535	69 461,400	12,490	12,022
1	9	99 201	93 806,865	1 670 977,121	17,813	17,345	51	59	90 272	5 214,982	63 899,865	12,253	11,786
2	10	99 161	88 671,112	1 577 170,256	17,787	17,319	52	60	89 420	4 884,918	58 684,884	12,013	11,546
3	11	99 136	83 827,975	1 488 499,144	17,757	17,289	53	61	88 493	4 571,413	53 799,966	11,769	11,301
4	12	99 114	79 252,592	1 404 671,169	17,724	17,256	54	62	87 499	4 274,283	49 228,553	11,517	11,050
5	13	99 093	74 927,365	1 325 418,577	17,689	17,222	55	63	86 409	3 991,508	44 954,269	11,262	10,795
6	14	99 073	70 839,299	1 250 491,212	17,653	17,185	56	64	85 246	3 723,677	40 962,762	11,001	10,533
7	15	99 052	66 973,180	1 179 651,913	17,614	17,146	57	65	84 002	3 469,850	37 239,085	10,732	10,265
8	16	99 031	63 318,428	1 112 678,733	17,573	17,105	58	66	82 676	3 229,365	33 769,235	10,457	9,989
9	17	99 008	59 861,382	1 049 360,305	17,530	17,062	59	67	81 248	3 001,025	30 539,869	10,176	9,709
10	18	98 984	56 592,979	989 498,923	17,484	17,017	60	68	79 738	2 785,098	27 538,844	9,888	9,420
11	19	98 953	53 498,814	932 905,944	17,438	16,970	61	69	78 143	2 580,985	24 753,746	9,591	9,123
12	20	98 924	50 575,106	879 407,129	17,388	16,921	62	70	76 450	2 387,764	22 172,761	9,286	8,818
13	21	98 891	47 809,222	828 832,023	17,336	16,869	63	71	74 656	2 204,975	19 784,998	8,973	8,505
14	22	98 859	45 195,192	781 022,801	17,281	16,814	64	72	72 763	2 032,209	17 580,023	8,651	8,183
15	23	98 822	42 721,769	735 827,610	17,224	16,756	65	73	70 699	1 867,193	15 547,814	8,327	7,859
16	24	98 782	40 382,411	693 105,840	17,164	16,696	66	74	68 502	1 710,798	13 680,621	7,997	7,529
17	25	98 736	38 169,043	652 723,429	17,101	16,633	67	75	66 115	1 561,412	11 969,823	7,666	7,198
18	26	98 681	36 073,493	614 554,386	17,036	16,569	68	76	63 540	1 418,995	10 408,411	7,335	6,867
19	27	98 610	34 087,557	578 480,893	16,970	16,503	69	77	60 797	1 283,909	8 989,416	7,002	6,534
20	28	98 536	32 209,689	544 393,336	16,902	16,434	70	78	57 873	1 155,718	7 705,506	6,667	6,200
21	29	98 458	30 434,253	512 183,647	16,829	16,362	71	79	54 742	1 033,746	6 549,788	6,336	5,868
22	30	98 376	28 755,630	481 749,394	16,753	16,286	72	80	51 439	918,564	5 516,042	6,005	5,537
23	31	98 296	27 169,944	452 993,764	16,673	16,205	73	81	47 955	809,776	4 597,479	5,677	5,210
24	32	98 215	25 671,431	425 823,820	16,587	16,120	74	82	44 309	707,534	3 787,702	5,353	4,886
25	33	98 126	24 253,401	400 152,389	16,499	16,031	75	83	40 448	610,758	3 080,168	5,043	4,576
26	34	98 036	22 913,677	375 898,988	16,405	15,937	76	84	36 492	521,064	2 469,410	4,739	4,272
27	35	97 937	21 645,991	352 985,311	16,307	15,840	77	85	32 444	438,076	1 948,346	4,448	3,980
28	36	97 836	20 447,930	331 339,320	16,204	15,736	78	86	28 368	362,213	1 510,270	4,170	3,702
29	37	97 731	19 315,301	310 891,390	16,096	15,628	79	87	24 338	293,858	1 148,057	3,907	3,439
30	38	97 615	18 243,308	291 576,089	15,983	15,515	80	88	20 425	233,204	854,199	3,663	3,195
31	39	97 498	17 230,718	273 332,781	15,863	15,396	81	89	16 761	180,965	620,995	3,432	2,964
32	40	97 364	16 271,422	256 102,063	15,739	15,272	82	90	13 341	136,206	440,030	3,231	2,763
33	41	97 224	15 364,518	239 830,641	15,609	15,142	83	91	10 370	100,117	303,824	3,035	2,567
34	42	97 071	14 506,369	224 466,123	15,474	15,006	84	92	7 778	71,008	203,706	2,869	2,401
35	43	96 908	13 694,526	209 959,754	15,332	14,864	85	93	5 687	49,095	132,698	2,703	2,235
36	44	96 728	12 925,779	196 265,229	15,184	14,716	86	94	4 018	32,806	83,603	2,548	2,081
37	45	96 534	12 198,476	183 339,449	15,030	14,562	87	95	2 735	21,111	50,797	2,406	1,939
38	46	96 320	11 509,630	171 140,973	14,869	14,402	88	96	1 785	13,033	29,686	2,278	1,810
39	47	96 078	10 856,528	159 631,343	14,704	14,236	89	97	1 118	7,718	16,653	2,158	1,690
40	48	95 811	10 237,667	148 774,815	14,532	14,065	90	98	666	4,347	8,935	2,056	1,588
41	49	95 519	9 651,492	138 537,147	14,354	13,886	91	99	381	2,353	4,588	1,950	1,482
42	50	95 192	9 095,453	128 885,656	14,170	13,703	92	100	206	1,200	2,235	1,862	1,394
43	51	94 837	8 568,828	119 790,202	13,980	13,512							
44	52	94 436	8 068,671	111 221,374	13,784	13,317							
45	53	93 990	7 593,864	103 152,703	13,584	13,116							
46	54	93 499	7 143,512	95 558,839	13,377	12,909							
47	55	92 971	6 716,881	88 415,327	13,163	12,696							
48	56	92 374	6 310,885	81 698,446	12,946	12,478							
49	57	91 730	5 926,161	75 387,561	12,721	12,254							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß   5,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	9	99 586	99 585,940	1 768 874,226	17,762	17,295	50	59	90 634	5 536,996	68 383,803	12,350	11,883
1	10	99 194	93 800,394	1 669 288,286	17,796	17,329	51	60	89 846	5 190,357	62 846,807	12,108	11,641
2	11	99 154	88 664,819	1 575 487,892	17,769	17,301	52	61	88 939	4 858,591	57 656,451	11,867	11,399
3	12	99 128	83 821,272	1 486 823,073	17,738	17,270	53	62	87 985	4 545,142	52 797,859	11,616	11,149
4	13	99 106	79 246,212	1 403 001,801	17,704	17,237	54	63	86 947	4 247,322	48 252,717	11,361	10,893
5	14	99 084	74 920,653	1 323 755,589	17,669	17,201	55	64	85 827	3 964,613	44 005,394	11,100	10,632
6	15	99 063	70 831,621	1 248 834,936	17,631	17,163	56	65	84 619	3 696,310	40 040,781	10,833	10,365
7	16	99 040	66 964,755	1 178 003,315	17,591	17,124	57	66	83 346	3 442,751	36 344,471	10,557	10,089
8	17	99 016	63 308,685	1 111 038,560	17,550	17,082	58	67	81 969	3 201,741	32 901,720	10,276	9,809
9	18	98 992	59 851,776	1 047 729,875	17,505	17,038	59	68	80 506	2 973,618	29 699,979	9,988	9,520
10	19	98 962	56 580,053	987 878,098	17,460	16,992	60	69	78 963	2 758,053	26 726,360	9,690	9,223
11	20	98 932	53 487,765	931 298,046	17,411	16,944	61	70	77 313	2 553,571	23 968,308	9,386	8,919
12	21	98 902	50 563,879	877 810,281	17,360	16,893	62	71	75 562	2 360,054	21 414,736	9,074	8,606
13	22	98 870	47 799,216	827 246,402	17,307	16,839	63	72	73 695	2 176,581	19 054,682	8,754	8,287
14	23	98 837	45 185,053	779 447,186	17,250	16,783	64	73	71 710	2 002,788	16 878,101	8,427	7,960
15	24	98 800	42 712,004	734 262,133	17,191	16,723	65	74	69 549	1 836,830	14 875,314	8,098	7,631
16	25	98 762	40 374,248	691 550,129	17,128	16,661	66	75	67 227	1 678,965	13 038,484	7,766	7,298
17	26	98 715	38 160,647	651 175,881	17,064	16,596	67	76	64 697	1 527,907	11 359,519	7,435	6,967
18	27	98 658	36 064,956	613 015,233	16,998	16,530	68	77	61 984	1 384,240	9 831,612	7,103	6,635
19	28	98 584	34 078,399	576 950,278	16,930	16,463	69	78	59 111	1 248,315	8 447,372	6,767	6,299
20	29	98 511	32 201,544	542 871,879	16,859	16,391	70	79	56 017	1 118,656	7 199,057	6,435	5,968
21	30	98 430	30 425,521	510 670,335	16,784	16,317	71	80	52 755	996,215	6 080,401	6,104	5,636
22	31	98 349	28 747,491	480 244,814	16,706	16,238	72	81	49 291	880,199	5 084,187	5,776	5,309
23	32	98 267	27 161,738	451 497,322	16,623	16,155	73	82	45 673	771,239	4 203,987	5,451	4,983
24	33	98 180	25 662,331	424 335,584	16,535	16,068	74	83	41 866	668,518	3 432,748	5,135	4,667
25	34	98 090	24 244,533	398 673,253	16,444	15,976	75	84	37 911	572,457	2 764,231	4,829	4,361
26	35	97 994	22 903,944	374 428,721	16,348	15,880	76	85	33 853	483,383	2 191,774	4,534	4,067
27	36	97 898	21 637,381	351 524,777	16,246	15,779	77	86	29 759	401,823	1 708,391	4,252	3,784
28	37	97 790	20 438,213	329 887,396	16,141	15,673	78	87	25 695	328,084	1 306,568	3,982	3,515
29	38	97 679	19 304,993	309 449,183	16,029	15,562	79	88	21 702	262,035	978,484	3,734	3,267
30	39	97 560	18 233,152	290 144,190	15,913	15,445	80	89	17 927	204,686	716,449	3,500	3,033
31	40	97 433	17 219,319	271 911,038	15,791	15,323	81	90	14 389	155,356	511,762	3,294	2,827
32	41	97 295	16 259,931	254 691,719	15,664	15,196	82	91	11 276	115,122	356,406	3,096	2,628
33	42	97 146	15 352,204	238 431,788	15,531	15,063	83	92	8 527	82,328	241,285	2,931	2,463
34	43	96 985	14 493,457	223 079,585	15,392	14,924	84	93	6 306	57,571	158,957	2,761	2,293
35	44	96 809	13 680,503	208 586,128	15,247	14,779	85	94	4 508	38,920	101,385	2,605	2,137
36	45	96 619	12 911,262	194 905,625	15,096	14,628	86	95	3 111	25,396	62,465	2,460	1,992
37	46	96 411	12 182,994	181 994,363	14,938	14,471	87	96	2 065	15,938	37,069	2,326	1,858
38	47	96 184	11 493,412	169 811,369	14,775	14,307	88	97	1 313	9,583	21,132	2,205	1,738
39	48	95 921	10 838,776	158 317,958	14,607	14,139	89	98	800	5,520	11,549	2,092	1,625
40	49	95 642	10 219,563	147 479,182	14,431	13,963	90	99	463	3,020	6,029	1,996	1,528
41	50	95 322	9 631,632	137 259,619	14,251	13,783	91	100	257	1,586	3,008	1,896	1,429
42	51	94 982	9 075,416	127 627,986	14,063	13,595							
43	52	94 605	8 547,862	118 552,570	13,869	13,402							
44	53	94 177	8 046,519	110 004,708	13,671	13,204							
45	54	93 707	7 571,033	101 958,189	13,467	12,999							
46	55	93 201	7 120,715	94 387,156	13,255	12,788							
47	56	92 641	6 693,082	87 266,441	13,038	12,571							
48	57	92 025	6 287,079	80 573,359	12,816	12,348							
49	58	91 363	5 902,476	74 286,279	12,586	12,118							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß   5,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	10	99 579	99 579,070	1 767 054,663	17,745	17,278	50	60	90 206	5 510,850	67 237,366	12,201	11,733
1	11	99 187	93 793,737	1 667 475,593	17,778	17,311	51	61	89 361	5 162,384	61 726,516	11,957	11,489
2	12	99 146	88 657,729	1 573 681,856	17,750	17,283	52	62	88 427	4 830,671	56 564,132	11,709	11,242
3	13	99 120	83 814,524	1 485 024,127	17,718	17,250	53	63	87 430	4 516,473	51 733,462	11,454	10,987
4	14	99 097	79 239,113	1 401 209,603	17,683	17,216	54	64	86 361	4 218,705	47 216,988	11,192	10,725
5	15	99 073	74 912,533	1 321 970,490	17,647	17,179	55	65	85 196	3 935,476	42 998,284	10,926	10,458
6	16	99 050	70 822,711	1 247 057,957	17,608	17,141	56	66	83 958	3 667,442	39 062,808	10,651	10,184
7	17	99 024	66 954,451	1 176 235,245	17,568	17,100	57	67	82 633	3 413,301	35 395,366	10,370	9,902
8	18	99 000	63 298,526	1 109 280,795	17,525	17,057	58	68	81 220	3 172,501	31 982,064	10,081	9,613
9	19	98 969	59 838,105	1 045 982,269	17,480	17,013	59	69	79 724	2 944,743	28 809,563	9,783	9,316
10	20	98 941	56 568,367	986 144,164	17,433	16,965	60	70	78 125	2 728,758	25 864,820	9,479	9,011
11	21	98 910	53 475,891	929 575,797	17,383	16,916	61	71	76 416	2 523,938	23 136,062	9,167	8,699
12	22	98 881	50 553,296	876 099,906	17,330	16,863	62	72	74 589	2 329,663	20 612,124	8,848	8,380
13	23	98 848	47 788,493	825 546,609	17,275	16,807	63	73	72 628	2 145,069	18 282,461	8,523	8,055
14	24	98 815	45 174,725	777 758,116	17,217	16,749	64	74	70 544	1 970,220	16 137,392	8,191	7,723
15	25	98 780	42 703,370	732 583,391	17,155	16,688	65	75	68 255	1 802,651	14 167,172	7,859	7,391
16	26	98 740	40 365,367	689 880,021	17,091	16,623	66	76	65 785	1 642,938	12 364,521	7,526	7,058
17	27	98 691	38 151,616	649 514,654	17,025	16,557	67	77	63 112	1 490,484	10 721,584	7,193	6,726
18	28	98 631	36 055,267	611 363,039	16,956	16,489	68	78	60 265	1 345,864	9 231,100	6,859	6,391
19	29	98 559	34 069,782	575 307,772	16,886	16,419	69	79	57 216	1 208,283	7 885,236	6,526	6,058
20	30	98 483	32 192,304	541 237,990	16,813	16,345	70	80	53 984	1 078,042	6 676,952	6,194	5,726
21	31	98 402	30 416,910	509 045,686	16,736	16,268	71	81	50 551	954,607	5 598,910	5,865	5,398
22	32	98 319	28 738,809	478 628,776	16,654	16,187	72	82	46 945	838,310	4 644,303	5,540	5,072
23	33	98 232	27 152,110	449 889,967	16,569	16,102	73	83	43 154	728,709	3 805,992	5,223	4,755
24	34	98 145	25 652,948	422 737,857	16,479	16,012	74	84	39 240	626,594	3 077,283	4,911	4,444
25	35	98 048	24 234,234	397 084,909	16,385	15,918	75	85	35 170	531,059	2 450,689	4,615	4,147
26	36	97 955	22 894,833	372 850,675	16,285	15,818	76	86	31 052	443,381	1 919,630	4,330	3,862
27	37	97 852	21 627,099	349 955,841	16,181	15,714	77	87	26 955	363,962	1 476,249	4,056	3,588
28	38	97 738	20 427,305	328 328,742	16,073	15,605	78	88	22 913	292,555	1 112,287	3,802	3,334
29	39	97 624	19 294,246	307 901,437	15,958	15,491	79	89	19 049	229,992	819,732	3,564	3,097
30	40	97 496	18 221,089	288 607,191	15,839	15,372	80	90	15 390	175,720	589,740	3,356	2,889
31	41	97 365	17 207,158	270 386,102	15,714	15,246	81	91	12 162	131,307	414,020	3,153	2,685
32	42	97 217	16 246,898	253 178,944	15,583	15,116	82	92	9 272	94,666	282,713	2,986	2,519
33	43	97 059	15 338,539	236 932,045	15,447	14,979	83	93	6 914	66,749	188,046	2,817	2,350
34	44	96 886	14 478,616	221 593,506	15,305	14,837	84	94	4 999	45,640	121,297	2,658	2,190
35	45	96 700	13 665,138	207 114,890	15,156	14,689	85	95	3 490	30,129	75,657	2,511	2,044
36	46	96 496	12 894,874	193 449,752	15,002	14,534	86	96	2 348	19,172	45,528	2,375	1,907
37	47	96 275	12 165,827	180 554,878	14,841	14,374	87	97	1 518	11,719	26,356	2,249	1,781
38	48	96 027	11 474,618	168 389,051	14,675	14,207	88	98	939	6,854	14,637	2,136	1,668
39	49	95 752	10 819,609	156 914,433	14,503	14,035	89	99	556	3,835	7,783	2,029	1,562
40	50	95 445	10 198,535	146 094,824	14,325	13,858	90	100	312	2,036	3,948	1,939	1,472
41	51	95 112	9 610,414	135 896,290	14,141	13,673							
42	52	94 750	9 053,210	126 285,876	13,949	13,482							
43	53	94 345	8 524,395	117 232,665	13,753	13,285							
44	54	93 894	8 022,327	108 708,270	13,551	13,083							
45	55	93 408	7 546,872	100 685,943	13,341	12,874							
46	56	92 871	7 095,485	93 139,071	13,127	12,659							
47	57	92 292	6 667,834	86 043,586	12,904	12,437							
48	58	91 657	6 261,953	79 375,751	12,676	12,208							
49	59	90 960	5 876,433	73 113,799	12,442	11,974							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß 5,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	11	99 572	99 572,003	1 765 103,920	17,727	17,259	50	61	89 720	5 481,150	66 019,697	12,045	11,577
1	12	99 179	93 786,236	1 665 531,917	17,759	17,291	51	62	88 848	5 132,717	60 538,547	11,795	11,327
2	13	99 139	88 650,592	1 571 745,681	17,730	17,262	52	63	87 870	4 800,200	55 405,830	11,542	11,075
3	14	99 111	83 807,017	1 483 095,089	17,697	17,229	53	64	86 841	4 486,042	50 605,629	11,281	10,813
4	15	99 086	79 230,525	1 399 288,073	17,661	17,193	54	65	85 727	4 187,700	46 119,587	11,013	10,546
5	16	99 061	74 903,110	1 320 057,548	17,624	17,156	55	66	84 530	3 904,740	41 931,888	10,739	10,271
6	17	99 035	70 811,814	1 245 154,438	17,584	17,116	56	67	83 240	3 636,070	38 027,148	10,458	9,991
7	18	99 008	66 943,707	1 174 342,624	17,542	17,075	57	68	81 879	3 382,130	34 391,077	10,168	9,701
8	19	98 978	63 284,068	1 107 398,918	17,499	17,031	58	69	80 431	3 141,694	31 008,948	9,870	9,403
9	20	98 949	59 825,746	1 044 114,850	17,453	16,985	59	70	78 877	2 913,465	27 867,253	9,565	9,097
10	21	98 919	56 555,809	984 289,104	17,404	16,936	60	71	77 218	2 697,092	24 953,788	9,252	8,785
11	22	98 890	53 464,699	927 733,295	17,352	16,885	61	72	75 431	2 491,436	22 256,696	8,933	8,466
12	23	98 859	50 541,956	874 268,595	17,298	16,830	62	73	73 509	2 295,935	19 765,260	8,609	8,141
13	24	98 825	47 777,569	823 726,640	17,241	16,773	63	74	71 447	2 110,187	17 469,325	8,279	7,811
14	25	98 795	45 165,593	775 949,070	17,180	16,713	64	75	69 231	1 933,559	15 359,137	7,943	7,476
15	26	98 758	42 693,976	730 783,477	17,117	16,649	65	76	66 791	1 763,970	13 425,578	7,611	7,143
16	27	98 717	40 355,814	688 089,501	17,051	16,583	66	77	64 174	1 602,697	11 661,609	7,276	6,809
17	28	98 665	38 141,366	647 733,687	16,982	16,515	67	78	61 362	1 449,162	10 058,911	6,941	6,474
18	29	98 607	36 046,149	609 592,320	16,911	16,444	68	79	58 333	1 302,705	8 609,749	6,609	6,142
19	30	98 531	34 060,006	573 546,171	16,839	16,372	69	80	55 138	1 164,416	7 307,044	6,275	5,808
20	31	98 455	32 183,193	539 486,165	16,763	16,295	70	81	51 729	1 033,017	6 142,629	5,946	5,479
21	32	98 372	30 407,723	507 302,972	16,683	16,216	71	82	48 145	909,177	5 109,612	5,620	5,152
22	33	98 284	28 728,622	476 895,249	16,600	16,132	72	83	44 357	792,082	4 200,434	5,303	4,835
23	34	98 196	27 142,182	448 166,627	16,512	16,044	73	84	40 448	683,011	3 408,352	4,990	4,523
24	35	98 103	25 642,051	421 024,445	16,419	15,952	74	85	36 403	581,281	2 725,341	4,689	4,221
25	36	98 009	24 224,595	395 382,393	16,322	15,854	75	86	32 259	487,111	2 144,060	4,402	3,934
26	37	97 909	22 883,954	371 157,798	16,219	15,752	76	87	28 126	401,604	1 656,948	4,126	3,658
27	38	97 799	21 615,557	348 273,845	16,112	15,645	77	88	24 036	324,548	1 255,344	3,868	3,400
28	39	97 683	20 415,933	326 658,288	16,000	15,533	78	89	20 111	256,779	930,796	3,625	3,157
29	40	97 560	19 281,481	306 242,355	15,883	15,415	79	90	16 353	197,444	674,016	3,414	2,946
30	41	97 427	18 208,221	286 960,873	15,760	15,292	80	91	13 008	148,519	476,572	3,209	2,741
31	42	97 287	17 193,367	268 752,652	15,631	15,164	81	92	10 001	107,976	328,053	3,038	2,571
32	43	97 131	16 232,437	251 559,285	15,497	15,030	82	93	7 518	76,753	220,077	2,867	2,400
33	44	96 960	15 322,833	235 326,848	15,358	14,890	83	94	5 481	52,915	143,324	2,709	2,241
34	45	96 777	14 462,355	220 004,015	15,212	14,745	84	95	3 870	35,330	90,409	2,559	2,091
35	46	96 577	13 647,794	205 541,660	15,060	14,593	85	96	2 635	22,746	55,079	2,421	1,954
36	47	96 360	12 876,704	191 893,867	14,902	14,435	86	97	1 727	14,097	32,333	2,294	1,826
37	48	96 118	12 145,934	179 017,162	14,739	14,271	87	98	1 086	8,382	18,236	2,176	1,708
38	49	95 857	11 454,326	166 871,228	14,568	14,101	88	99	652	4,762	9,854	2,069	1,602
39	50	95 555	10 797,346	155 416,902	14,394	13,926	89	100	375	2,585	5,092	1,969	1,502
40	51	95 235	10 176,067	144 619,556	14,212	13,744							
41	52	94 880	9 586,899	134 443,489	14,024	13,556							
42	53	94 490	9 028,356	124 856,590	13,829	13,362							
43	54	94 062	8 498,766	115 828,234	13,629	13,161							
44	55	93 594	7 996,726	107 329,468	13,422	12,954							
45	56	93 077	7 520,132	99 332,742	13,209	12,741							
46	57	92 521	7 068,719	91 812,609	12,989	12,521							
47	58	91 923	6 641,186	84 743,890	12,760	12,293							
48	59	91 253	6 234,323	78 102,704	12,528	12,060							
49	60	90 531	5 848,684	71 868,381	12,288	11,820							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß   5,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	12	99 564	99 564,040	1 763 014,577	17,707	17,240	50	62	89 205	5 449,651	64 730,454	11,878	11,410
1	13	99 171	93 778,687	1 663 450,537	17,738	17,270	51	63	88 287	5 100,342	59 280,802	11,623	11,155
2	14	99 130	88 642,651	1 569 671,850	17,708	17,240	52	64	87 278	4 767,857	54 180,461	11,364	10,896
3	15	99 100	83 797,933	1 481 029,199	17,674	17,206	53	65	86 202	4 453,072	49 412,603	11,096	10,629
4	16	99 074	79 220,558	1 397 231,266	17,637	17,170	54	66	85 057	4 154,994	44 959,531	10,821	10,353
5	17	99 046	74 891,584	1 318 010,708	17,599	17,131	55	67	83 807	3 871,338	40 804,537	10,540	10,073
6	18	99 019	70 800,450	1 243 119,124	17,558	17,090	56	68	82 480	3 602,864	36 933,199	10,251	9,783
7	19	98 986	66 928,416	1 172 318,674	17,516	17,048	57	69	81 084	3 349,287	33 330,335	9,951	9,484
8	20	98 957	63 270,997	1 105 390,258	17,471	17,003	58	70	79 577	3 108,325	29 981,047	9,645	9,178
9	21	98 927	59 812,466	1 042 119,261	17,423	16,956	59	71	77 962	2 879,655	26 872,723	9,332	8,864
10	22	98 899	56 543,973	982 306,795	17,372	16,905	60	72	76 224	2 662,361	23 993,067	9,012	8,544
11	23	98 868	53 452,705	925 762,822	17,319	16,852	61	73	74 339	2 455,366	21 330,707	8,687	8,220
12	24	98 836	50 530,403	872 310,117	17,263	16,795	62	74	72 314	2 258,601	18 875,341	8,357	7,890
13	25	98 806	47 767,912	821 779,714	17,204	16,736	63	75	70 118	2 070,922	16 616,740	8,024	7,556
14	26	98 773	45 155,658	774 011,802	17,141	16,673	64	76	67 746	1 892,069	14 545,818	7,688	7,220
15	27	98 735	42 683,872	728 856,145	17,076	16,608	65	77	65 155	1 720,765	12 653,749	7,354	6,886
16	28	98 691	40 344,972	686 172,273	17,008	16,540	66	78	62 394	1 558,265	10 932,984	7,016	6,549
17	29	98 640	38 131,722	645 827,300	16,937	16,469	67	79	59 395	1 402,690	9 374,719	6,683	6,216
18	30	98 578	36 035,807	607 695,579	16,864	16,396	68	80	56 215	1 255,409	7 972,029	6,350	5,883
19	31	98 503	34 050,366	571 659,772	16,789	16,321	69	81	52 835	1 115,783	6 716,620	6,020	5,552
20	32	98 425	32 173,473	537 609,405	16,710	16,242	70	82	49 267	983,856	5 600,837	5,693	5,225
21	33	98 337	30 396,944	505 435,932	16,628	16,160	71	83	45 491	859,041	4 616,982	5,375	4,907
22	34	98 248	28 718,118	475 038,988	16,541	16,074	72	84	41 575	742,410	3 757,941	5,062	4,594
23	35	98 154	27 130,653	446 320,870	16,451	15,983	73	85	37 523	633,618	3 015,531	4,759	4,292
24	36	98 064	25 631,852	419 190,218	16,354	15,887	74	86	33 390	533,178	2 381,913	4,467	4,000
25	37	97 962	24 213,083	393 558,366	16,254	15,786	75	87	29 220	441,214	1 848,735	4,190	3,723
26	38	97 856	22 871,741	369 345,282	16,149	15,681	76	88	25 080	358,114	1 407,520	3,930	3,463
27	39	97 745	21 603,523	346 473,542	16,038	15,570	77	89	21 097	284,860	1 049,407	3,684	3,216
28	40	97 619	20 402,427	324 870,018	15,923	15,456	78	90	17 265	220,441	764,546	3,468	3,001
29	41	97 491	19 267,864	304 467,592	15,802	15,334	79	91	13 822	166,881	544,105	3,260	2,793
30	42	97 349	18 193,627	285 199,727	15,676	15,208	80	92	10 697	122,129	377,225	3,089	2,621
31	43	97 200	17 178,063	267 006,100	15,543	15,076	81	93	8 108	87,544	255,096	2,914	2,446
32	44	97 031	16 215,816	249 828,036	15,406	14,939	82	94	5 960	60,846	167,552	2,754	2,286
33	45	96 851	15 305,623	233 612,220	15,263	14,796	83	95	4 243	40,963	106,706	2,605	2,137
34	46	96 654	14 443,999	218 306,597	15,114	14,646	84	96	2 922	26,673	65,743	2,465	1,997
35	47	96 441	13 628,562	203 862,598	14,958	14,491	85	97	1 937	16,725	39,071	2,336	1,869
36	48	96 203	12 855,649	190 234,036	14,798	14,330	86	98	1 235	10,083	22,346	2,216	1,749
37	49	95 948	12 124,455	177 378,387	14,630	14,162	87	99	754	5,824	12,263	2,106	1,638
38	50	95 660	11 430,757	165 253,932	14,457	13,989	88	100	440	3,210	6,439	2,006	1,538
39	51	95 344	10 773,559	153 823,175	14,278	13,810							
40	52	95 002	10 151,168	143 049,616	14,092	13,624							
41	53	94 619	9 560,580	132 898,447	13,901	13,433							
42	54	94 206	9 001,212	123 337,867	13,702	13,235							
43	55	93 761	8 471,645	114 336,656	13,496	13,029							
44	56	93 263	7 968,393	105 865,011	13,286	12,818							
45	57	92 726	7 491,765	97 896,618	13,067	12,600							
46	58	92 151	7 040,469	90 404,854	12,841	12,373							
47	59	91 517	6 611,883	83 364,385	12,608	12,141							
48	60	90 822	6 204,884	76 752,502	12,370	11,902							
49	61	90 043	5 817,164	70 547,617	12,127	11,660							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß   5,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	13	99 556	99 556,026	1 760 779,634	17,686	17,219	50	63	88 642	5 415,277	63 367,528	11,702	11,234
1	14	99 162	93 770,286	1 661 223,608	17,716	17,248	51	64	87 692	5 065,976	57 952,252	11,440	10,972
2	15	99 119	88 633,043	1 567 453,322	17,685	17,217	52	65	86 636	4 732,816	52 886,275	11,174	10,707
3	16	99 088	83 787,392	1 478 820,279	17,650	17,182	53	66	85 529	4 418,294	48 153,459	10,899	10,431
4	17	99 059	79 208,369	1 395 032,887	17,612	17,145	54	67	84 330	4 119,451	43 735,165	10,617	10,149
5	18	99 030	74 879,566	1 315 824,518	17,573	17,105	55	68	83 042	3 835,984	39 615,713	10,327	9,860
6	19	98 996	70 784,279	1 240 944,952	17,531	17,064	56	69	81 679	3 567,878	35 779,730	10,028	9,561
7	20	98 965	66 914,593	1 170 160,673	17,487	17,020	57	70	80 223	3 313,713	32 211,851	9,721	9,253
8	21	98 935	63 256,951	1 103 246,081	17,441	16,973	58	71	78 654	3 072,254	28 898,139	9,406	8,939
9	22	98 906	59 799,947	1 039 989,129	17,391	16,924	59	72	76 958	2 842,573	25 825,885	9,085	8,618
10	23	98 876	56 531,288	980 189,182	17,339	16,871	60	73	75 120	2 623,816	22 983,312	8,759	8,292
11	24	98 845	53 440,487	923 657,894	17,284	16,816	61	74	73 131	2 415,439	20 359,496	8,429	7,961
12	25	98 817	50 520,189	870 217,407	17,225	16,758	62	75	70 968	2 216,574	17 944,057	8,095	7,628
13	26	98 784	47 757,404	819 697,218	17,164	16,696	63	76	68 613	2 026,484	15 727,483	7,761	7,293
14	27	98 749	45 144,971	771 939,814	17,099	16,632	64	77	66 086	1 845,727	13 700,999	7,423	6,956
15	28	98 708	42 672,405	726 794,843	17,032	16,564	65	78	63 348	1 673,059	11 855,272	7,086	6,618
16	29	98 666	40 334,770	684 122,438	16,961	16,494	66	79	60 394	1 508,294	10 182,213	6,751	6,283
17	30	98 612	38 120,781	643 787,668	16,888	16,421	67	80	57 238	1 351,764	8 673,919	6,417	5,949
18	31	98 550	36 025,608	605 666,887	16,812	16,345	68	81	53 867	1 202,976	7 322,155	6,087	5,619
19	32	98 473	34 040,082	569 641,279	16,734	16,267	69	82	50 321	1 062,683	6 119,179	5,758	5,291
20	33	98 390	32 162,068	535 601,197	16,653	16,186	70	83	46 550	929,601	5 056,497	5,439	4,972
21	34	98 301	30 385,830	503 439,129	16,568	16,101	71	84	42 638	805,169	4 126,895	5,125	4,658
22	35	98 206	28 705,919	473 053,298	16,479	16,012	72	85	38 568	688,722	3 321,726	4,823	4,355
23	36	98 115	27 119,861	444 347,380	16,385	15,917	73	86	34 418	581,184	2 633,004	4,530	4,063
24	37	98 017	25 619,671	417 227,518	16,285	15,818	74	87	30 244	482,940	2 051,821	4,249	3,781
25	38	97 910	24 200,161	391 607,847	16,182	15,714	75	88	26 056	393,435	1 568,880	3,988	3,520
26	39	97 802	22 859,008	367 407,686	16,073	15,605	76	89	22 013	314,321	1 175,446	3,740	3,272
27	40	97 680	21 589,231	344 548,678	15,959	15,492	77	90	18 111	244,548	861,125	3,521	3,054
28	41	97 550	20 388,018	322 959,447	15,841	15,373	78	91	14 592	186,318	616,577	3,309	2,842
29	42	97 413	19 252,421	302 571,429	15,716	15,248	79	92	11 366	137,228	430,259	3,135	2,668
30	43	97 262	18 177,434	283 319,007	15,586	15,119	80	93	8 673	99,019	293,031	2,959	2,492
31	44	97 100	17 160,474	265 141,574	15,451	14,983	81	94	6 428	69,400	194,012	2,796	2,328
32	45	96 922	16 197,603	247 981,100	15,310	14,842	82	95	4 613	47,102	124,612	2,646	2,178
33	46	96 728	15 286,197	231 783,496	15,163	14,695	83	96	3 203	30,925	77,510	2,506	2,039
34	47	96 518	14 423,645	216 497,299	15,010	14,542	84	97	2 148	19,612	46,585	2,375	1,908
35	48	96 284	13 606,278	202 073,654	14,852	14,384	85	98	1 386	11,962	26,973	2,255	1,787
36	49	96 033	12 832,915	188 467,376	14,686	14,219	86	99	858	7,006	15,011	2,143	1,675
37	50	95 751	12 099,507	175 634,461	14,516	14,048	87	100	509	3,926	8,005	2,039	1,572
38	51	95 449	11 405,575	163 534,954	14,338	13,871							
39	52	95 111	10 747,198	152 129,379	14,155	13,688							
40	53	94 741	10 123,300	141 382,180	13,966	13,498							
41	54	94 335	9 531,835	131 258,881	13,771	13,303							
42	55	93 905	8 972,487	121 727,045	13,567	13,099							
43	56	93 429	8 441,628	112 754,558	13,357	12,889							
44	57	92 911	7 938,334	104 312,930	13,140	12,673							
45	58	92 355	7 461,824	96 374,596	12,916	12,448							
46	59	91 744	7 009,404	88 912,772	12,685	12,217							
47	60	91 085	6 580,662	81 903,368	12,446	11,978							
48	61	90 333	6 171,444	75 322,707	12,205	11,737							
49	62	89 525	5 783,734	69 151,263	11,956	11,489							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß   5,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	14	99 547	99 547,108	1 758 390,885	17,664	17,196	50	64	88 045	5 378,789	61 929,931	11,514	11,046
1	15	99 151	93 760,123	1 658 843,777	17,692	17,225	51	65	87 048	5 028,744	56 551,142	11,246	10,778
2	16	99 106	88 621,894	1 565 083,654	17,660	17,193	52	66	85 960	4 695,854	51 522,398	10,972	10,504
3	17	99 072	83 774,499	1 476 461,760	17,624	17,157	53	67	84 798	4 380,499	46 826,544	10,690	10,222
4	18	99 043	79 195,658	1 392 687,261	17,585	17,118	54	68	83 559	4 081,831	42 446,045	10,399	9,931
5	19	99 007	74 862,463	1 313 491,603	17,545	17,078	55	69	82 236	3 798,734	38 364,214	10,099	9,632
6	20	98 976	70 769,659	1 238 629,140	17,502	17,035	56	70	80 812	3 529,982	34 565,480	9,792	9,324
7	21	98 943	66 899,738	1 167 859,481	17,457	16,989	57	71	79 292	3 275,258	31 035,498	9,476	9,008
8	22	98 915	63 243,712	1 100 959,743	17,408	16,941	58	72	77 641	3 032,692	27 760,240	9,154	8,686
9	23	98 884	59 786,533	1 037 716,031	17,357	16,889	59	73	75 844	2 801,419	24 727,548	8,827	8,359
10	24	98 854	56 518,366	977 929,498	17,303	16,835	60	74	73 899	2 581,149	21 926,129	8,495	8,027
11	25	98 825	53 429,685	921 411,132	17,245	16,778	61	75	71 770	2 370,493	19 344,979	8,161	7,693
12	26	98 795	50 509,075	867 981,447	17,185	16,717	62	76	69 446	2 169,010	16 974,486	7,826	7,358
13	27	98 760	47 746,101	817 472,372	17,121	16,654	63	77	66 933	1 976,850	14 805,475	7,489	7,022
14	28	98 723	45 132,843	769 726,270	17,055	16,587	64	78	64 254	1 794,556	12 828,625	7,149	6,681
15	29	98 683	42 661,614	724 593,428	16,985	16,517	65	79	61 317	1 619,407	11 034,069	6,814	6,346
16	30	98 637	40 323,197	681 931,813	16,912	16,444	66	80	58 201	1 453,534	9 414,662	6,477	6,010
17	31	98 584	38 109,991	641 608,616	16,836	16,368	67	81	54 848	1 295,307	7 961,128	6,146	5,679
18	32	98 521	36 014,727	603 498,625	16,757	16,289	68	82	51 303	1 145,726	6 665,821	5,818	5,350
19	33	98 438	34 028,016	567 483,897	16,677	16,209	69	83	47 546	1 004,082	5 520,095	5,498	5,030
20	34	98 354	32 150,309	533 455,881	16,593	16,125	70	84	43 631	871,305	4 516,014	5,183	4,715
21	35	98 259	30 372,923	501 305,573	16,505	16,037	71	85	39 554	746,943	3 644,709	4,880	4,412
22	36	98 167	28 694,501	470 932,650	16,412	15,944	72	86	35 377	631,727	2 897,766	4,587	4,119
23	37	98 069	27 106,974	442 238,149	16,315	15,847	73	87	31 175	526,423	2 266,039	4,305	3,837
24	38	97 965	25 605,999	415 131,175	16,212	15,745	74	88	26 969	430,642	1 739,616	4,040	3,572
25	39	97 856	24 186,689	389 525,177	16,105	15,637	75	89	22 869	345,323	1 308,974	3,791	3,323
26	40	97 737	22 843,885	365 338,488	15,993	15,525	76	90	18 898	269,839	963,652	3,571	3,104
27	41	97 611	21 573,985	342 494,603	15,875	15,408	77	91	15 308	206,693	693,812	3,357	2,889
28	42	97 471	20 371,677	320 920,618	15,753	15,286	78	92	11 999	153,211	487,120	3,179	2,712
29	43	97 326	19 235,285	300 548,941	15,625	15,157	79	93	9 215	111,261	333,908	3,001	2,534
30	44	97 163	18 158,821	281 313,656	15,492	15,024	80	94	6 875	78,497	222,647	2,836	2,369
31	45	96 991	17 141,200	263 154,835	15,352	14,885	81	95	4 976	53,724	144,150	2,683	2,216
32	46	96 799	16 177,045	246 013,635	15,208	14,740	82	96	3 483	35,559	90,426	2,543	2,075
33	47	96 592	15 264,657	229 836,590	15,057	14,589	83	97	2 355	22,739	54,867	2,413	1,945
34	48	96 360	14 400,061	214 571,933	14,901	14,433	84	98	1 536	14,027	32,128	2,290	1,823
35	49	96 113	13 582,216	200 171,872	14,738	14,270	85	99	963	8,311	18,101	2,178	1,710
36	50	95 835	12 806,509	186 589,656	14,570	14,102	86	100	578	4,722	9,789	2,073	1,605
37	51	95 540	12 072,852	173 783,147	14,395	13,927							
38	52	95 215	11 377,668	161 710,295	14,213	13,745							
39	53	94 850	10 717,693	150 332,626	14,027	13,559							
40	54	94 456	10 092,864	139 614,933	13,833	13,365							
41	55	94 034	9 501,417	129 522,070	13,632	13,164							
42	56	93 572	8 940,696	120 020,652	13,424	12,957							
43	57	93 077	8 409,785	111 079,956	13,208	12,741							
44	58	92 539	7 906,608	102 670,172	12,985	12,518							
45	59	91 948	7 428,900	94 763,564	12,756	12,288							
46	60	91 311	6 976,306	87 334,664	12,519	12,051							
47	61	90 594	6 545,196	80 358,358	12,277	11,810							
48	62	89 814	6 135,979	73 813,162	12,030	11,562							
49	63	88 961	5 747,252	67 677,184	11,776	11,308							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß   5,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	15	99 536	99 536,318	1 755 840,631	17,640	17,173	50	65	87 398	5 339,258	60 415,895	11,315	10,848
1	16	99 139	93 748,329	1 656 304,313	17,668	17,200	51	66	86 368	4 989,471	55 076,636	11,039	10,571
2	17	99 091	88 608,258	1 562 555,984	17,634	17,167	52	67	85 224	4 655,684	50 087,166	10,758	10,291
3	18	99 057	83 761,056	1 473 947,727	17,597	17,129	53	68	84 023	4 340,495	45 431,482	10,467	9,999
4	19	99 020	79 177,569	1 390 186,671	17,558	17,090	54	69	82 748	4 042,194	41 090,987	10,166	9,698
5	20	98 987	74 847,001	1 311 009,102	17,516	17,048	55	70	81 362	3 758,386	37 048,793	9,858	9,390
6	21	98 954	70 753,949	1 236 162,101	17,471	17,004	56	71	79 874	3 489,018	33 290,407	9,541	9,074
7	22	98 923	66 885,737	1 165 408,153	17,424	16,956	57	72	78 271	3 233,082	29 801,389	9,218	8,750
8	23	98 892	63 229,525	1 098 522,416	17,374	16,906	58	73	76 517	2 988,785	26 568,307	8,889	8,422
9	24	98 862	59 772,866	1 035 292,891	17,320	16,853	59	74	74 611	2 755,865	23 579,522	8,556	8,089
10	25	98 834	56 506,942	975 520,024	17,264	16,796	60	75	72 523	2 533,121	20 823,657	8,221	7,753
11	26	98 803	53 417,931	919 013,083	17,204	16,737	61	76	70 230	2 319,628	18 290,537	7,885	7,418
12	27	98 771	50 497,122	865 595,151	17,141	16,674	62	77	67 745	2 115,885	15 970,909	7,548	7,081
13	28	98 734	47 733,274	815 098,030	17,076	16,609	63	78	65 077	1 922,044	13 855,024	7,208	6,741
14	29	98 698	45 121,430	767 364,755	17,007	16,539	64	79	62 194	1 737,008	11 932,979	6,870	6,402
15	30	98 655	42 649,374	722 243,325	16,934	16,467	65	80	59 091	1 560,613	10 195,972	6,533	6,066
16	31	98 609	40 311,785	679 593,951	16,858	16,391	66	81	55 770	1 392,826	8 635,358	6,200	5,732
17	32	98 554	38 098,481	639 282,167	16,780	16,312	67	82	52 237	1 233,663	7 242,532	5,871	5,403
18	33	98 486	36 001,961	601 183,685	16,699	16,231	68	83	48 474	1 082,545	6 008,869	5,551	5,083
19	34	98 402	34 015,574	565 181,725	16,615	16,148	69	84	44 564	941,114	4 926,324	5,235	4,767
20	35	98 312	32 136,652	531 166,150	16,528	16,061	70	85	40 476	808,296	3 985,210	4,930	4,463
21	36	98 220	30 360,842	499 029,498	16,437	15,969	71	86	36 281	685,130	3 176,914	4,637	4,169
22	37	98 121	28 680,865	468 668,656	16,341	15,873	72	87	32 043	572,204	2 491,784	4,355	3,887
23	38	98 016	27 092,507	439 987,791	16,240	15,773	73	88	27 799	469,416	1 919,580	4,089	3,622
24	39	97 910	25 591,743	412 895,284	16,134	15,666	74	89	23 671	377,980	1 450,165	3,837	3,369
25	40	97 791	24 170,688	387 303,541	16,024	15,556	75	90	19 633	296,454	1 072,185	3,617	3,149
26	41	97 668	22 827,752	363 132,853	15,908	15,440	76	91	15 973	228,069	775,731	3,401	2,934
27	42	97 533	21 556,693	340 305,101	15,787	15,319	77	92	12 588	169,966	547,662	3,222	2,755
28	43	97 385	20 353,545	318 748,408	15,661	15,193	78	93	9 729	124,220	377,695	3,041	2,573
29	44	97 226	19 215,589	298 394,863	15,529	15,061	79	94	7 305	88,202	253,475	2,874	2,406
30	45	97 053	18 138,426	279 179,274	15,392	14,924	80	95	5 322	60,766	165,274	2,720	2,252
31	46	96 868	17 119,444	261 040,848	15,248	14,781	81	96	3 757	40,559	104,507	2,577	2,109
32	47	96 663	16 154,250	243 921,404	15,100	14,632	82	97	2 561	26,147	63,949	2,446	1,978
33	48	96 434	15 239,697	227 767,154	14,946	14,478	83	98	1 685	16,263	37,802	2,324	1,857
34	49	96 190	14 374,595	212 527,457	14,785	14,317	84	99	1 068	9,746	21,539	2,210	1,742
35	50	95 916	13 554,269	198 152,862	14,619	14,152	85	100	649	5,603	11,793	2,105	1,637
36	51	95 624	12 778,296	184 598,593	14,446	13,979							
37	52	95 306	12 043,312	171 820,296	14,267	13,799							
38	53	94 954	11 346,432	159 776,984	14,082	13,614							
39	54	94 565	10 685,470	148 430,552	13,891	13,423							
40	55	94 155	10 060,655	137 745,082	13,691	13,224							
41	56	93 701	9 467,752	127 684,427	13,486	13,019							
42	57	93 219	8 906,970	118 216,674	13,272	12,805							
43	58	92 705	8 376,174	109 309,705	13,050	12,582							
44	59	92 131	7 871,722	100 933,530	12,822	12,355							
45	60	91 514	7 393,820	93 061,809	12,586	12,119							
46	61	90 819	6 938,708	85 667,988	12,346	11,879							
47	62	90 074	6 507,583	78 729,281	12,098	11,631							
48	63	89 247	6 097,275	72 221,698	11,845	11,377							
49	64	88 361	5 708,528	66 124,423	11,583	11,116							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß   5,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	16	99 524	99 523,797	1 753 121,820	17,615	17,148	50	66	86 715	5 297,559	58 824,607	11,104	10,637
1	17	99 124	93 733,903	1 653 598,023	17,641	17,174	51	67	85 629	4 946,789	53 527,048	10,821	10,353
2	18	99 075	88 594,038	1 559 864,120	17,607	17,139	52	68	84 446	4 613,167	48 580,258	10,531	10,063
3	19	99 034	83 741,924	1 471 270,081	17,569	17,102	53	69	83 207	4 298,346	43 967,091	10,229	9,761
4	20	99 000	79 161,215	1 387 528,157	17,528	17,060	54	70	81 869	3 999,260	39 668,745	9,919	9,451
5	21	98 965	74 830,385	1 308 366,942	17,484	17,017	55	71	80 418	3 714,771	35 669,486	9,602	9,134
6	22	98 933	70 739,141	1 233 536,557	17,438	16,970	56	72	78 845	3 444,089	31 954,715	9,278	8,811
7	23	98 901	66 870,732	1 162 797,416	17,389	16,921	57	73	77 137	3 186,274	28 510,626	8,948	8,480
8	24	98 870	63 215,072	1 095 926,684	17,336	16,869	58	74	75 272	2 940,184	25 324,352	8,613	8,146
9	25	98 842	59 760,784	1 032 711,612	17,281	16,813	59	75	73 222	2 704,585	22 384,168	8,276	7,809
10	26	98 812	56 494,511	972 950,828	17,222	16,754	60	76	70 967	2 478,765	19 679,583	7,939	7,472
11	27	98 780	53 405,289	916 456,316	17,160	16,693	61	77	68 510	2 262,813	17 200,818	7,602	7,134
12	28	98 745	50 483,556	863 051,027	17,096	16,628	62	78	65 867	2 057,225	14 938,005	7,261	6,794
13	29	98 709	47 721,204	812 567,471	17,027	16,560	63	79	62 990	1 860,408	12 880,779	6,924	6,456
14	30	98 670	45 108,484	764 846,267	16,956	16,488	64	80	59 936	1 673,944	11 020,372	6,583	6,116
15	31	98 627	42 637,303	719 737,784	16,880	16,413	65	81	56 623	1 495,433	9 346,427	6,250	5,782
16	32	98 580	40 299,609	677 100,481	16,802	16,334	66	82	53 116	1 326,541	7 850,994	5,918	5,451
17	33	98 519	38 084,976	636 800,872	16,721	16,253	67	83	49 357	1 165,633	6 524,453	5,597	5,130
18	34	98 450	35 988,797	598 715,895	16,636	16,169	68	84	45 434	1 014,657	5 358,820	5,281	4,814
19	35	98 360	34 001,125	562 727,098	16,550	16,083	69	85	41 342	873,057	4 344,162	4,976	4,508
20	36	98 273	32 123,869	528 725,973	16,459	15,991	70	86	37 126	741,405	3 471,105	4,682	4,214
21	37	98 174	30 346,414	496 602,103	16,364	15,897	71	87	32 863	620,575	2 729,700	4,399	3,931
22	38	98 068	28 665,558	466 255,689	16,265	15,798	72	88	28 573	510,239	2 109,125	4,134	3,666
23	39	97 962	27 077,424	437 590,131	16,161	15,693	73	89	24 399	412,012	1 598,886	3,881	3,413
24	40	97 846	25 574,813	410 512,706	16,051	15,584	74	90	20 321	324,489	1 186,874	3,658	3,190
25	41	97 722	24 153,618	384 937,893	15,937	15,469	75	91	16 594	250,564	862,384	3,442	2,974
26	42	97 590	22 809,456	360 784,276	15,817	15,350	76	92	13 134	187,545	611,820	3,262	2,795
27	43	97 446	21 537,506	337 974,819	15,692	15,225	77	93	10 206	137,804	424,276	3,079	2,611
28	44	97 285	20 332,704	316 437,314	15,563	15,095	78	94	7 713	98,475	286,472	2,909	2,442
29	45	97 117	19 194,007	296 104,610	15,427	14,959	79	95	5 655	68,279	187,997	2,753	2,286
30	46	96 930	18 115,404	276 910,603	15,286	14,818	80	96	4 018	45,875	119,718	2,610	2,142
31	47	96 732	17 095,321	258 795,199	15,138	14,671	81	97	2 762	29,823	73,843	2,476	2,008
32	48	96 505	16 127,836	241 699,878	14,987	14,519	82	98	1 832	18,701	44,020	2,354	1,886
33	49	96 263	15 212,747	225 572,042	14,828	14,360	83	99	1 170	11,300	25,320	2,241	1,773
34	50	95 992	14 345,018	210 359,295	14,664	14,197	84	100	720	6,570	14,020	2,134	1,666
35	51	95 704	13 524,409	196 014,278	14,493	14,026							
36	52	95 390	12 747,031	182 489,869	14,316	13,849							
37	53	95 044	12 010,249	169 742,838	14,133	13,666							
38	54	94 669	11 312,319	157 732,590	13,943	13,476							
39	55	94 263	10 651,370	146 420,271	13,747	13,279							
40	56	93 821	10 025,008	135 768,900	13,543	13,075							
41	57	93 347	9 432,038	125 743,892	13,332	12,864							
42	58	92 847	8 871,372	116 311,854	13,111	12,643							
43	59	92 296	8 339,216	107 440,482	12,884	12,416							
44	60	91 696	7 834,551	99 101,265	12,649	12,182							
45	61	91 020	7 353,972	91 266,714	12,411	11,943							
46	62	90 297	6 898,833	83 912,742	12,163	11,696							
47	63	89 505	6 466,535	77 013,909	11,910	11,442							
48	64	88 646	6 056,192	70 547,374	11,649	11,181							
49	65	87 712	5 666,574	64 491,181	11,381	10,913							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß   5,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$
0	17	99 508	99 508,483	1 750 226,900	17,589	17,121	50	67	85 973	5 252,243	57 154,345	10,882	10,414
1	18	99 108	93 718,862	1 650 718,416	17,614	17,146	51	68	84 847	4 901,614	51 902,102	10,589	10,121
2	19	99 053	88 573,802	1 556 999,555	17,579	17,111	52	69	83 626	4 568,370	47 000,488	10,288	9,821
3	20	99 013	83 724,628	1 468 425,752	17,539	17,071	53	70	82 323	4 252,691	42 432,118	9,978	9,510
4	21	98 978	79 143,642	1 384 701,124	17,496	17,028	54	71	80 919	3 952,850	38 179,427	9,659	9,191
5	22	98 944	74 814,724	1 305 557,482	17,451	16,983	55	72	79 382	3 666,935	34 226,578	9,334	8,866
6	23	98 911	70 723,272	1 230 742,758	17,402	16,935	56	73	77 704	3 394,226	30 559,643	9,003	8,536
7	24	98 878	66 855,447	1 160 019,486	17,351	16,884	57	74	75 883	3 134,462	27 165,416	8,667	8,199
8	25	98 850	63 202,294	1 093 164,039	17,296	16,829	58	75	73 872	2 885,474	24 030,955	8,328	7,861
9	26	98 820	59 747,638	1 029 961,745	17,239	16,771	59	76	71 651	2 646,550	21 145,481	7,990	7,522
10	27	98 789	56 481,141	970 214,107	17,178	16,710	60	77	69 229	2 418,053	18 498,930	7,650	7,183
11	28	98 753	53 390,942	913 732,966	17,114	16,646	61	78	66 610	2 200,080	16 080,877	7,309	6,842
12	29	98 720	50 470,790	860 342,024	17,046	16,579	62	79	63 754	1 991,254	13 880,797	6,971	6,503
13	30	98 681	47 707,512	809 871,234	16,976	16,508	63	80	60 703	1 792,864	11 889,544	6,632	6,164
14	31	98 642	45 095,716	762 163,723	16,901	16,433	64	81	57 432	1 604,031	10 096,680	6,295	5,827
15	32	98 597	42 624,425	717 068,006	16,823	16,355	65	82	53 928	1 424,265	8 492,649	5,963	5,495
16	33	98 545	40 285,324	674 443,581	16,742	16,274	66	83	50 187	1 253,390	7 068,384	5,639	5,172
17	34	98 483	38 071,051	634 158,256	16,657	16,190	67	84	46 262	1 092,535	5 814,994	5,322	4,855
18	35	98 408	35 973,510	596 087,205	16,570	16,103	68	85	42 149	941,282	4 722,459	5,017	4,549
19	36	98 321	33 987,601	560 113,695	16,480	16,012	69	86	37 920	800,807	3 781,178	4,722	4,254
20	37	98 227	32 108,604	526 126,094	16,386	15,918	70	87	33 628	671,548	2 980,370	4,438	3,970
21	38	98 121	30 330,219	494 017,490	16,288	15,820	71	88	29 304	553,372	2 308,822	4,172	3,705
22	39	98 014	28 649,600	463 687,272	16,185	15,717	72	89	25 079	447,843	1 755,450	3,920	3,452
23	40	97 897	27 059,511	435 037,672	16,077	15,609	73	90	20 946	353,705	1 307,607	3,697	3,229
24	41	97 777	25 556,751	407 978,161	15,964	15,496	74	91	17 176	274,260	953,901	3,478	3,011
25	42	97 644	24 134,259	382 421,409	15,846	15,378	75	92	13 645	206,042	679,641	3,299	2,831
26	43	97 503	22 789,154	358 287,150	15,722	15,254	76	93	10 649	152,056	473,599	3,115	2,647
27	44	97 347	21 515,453	335 497,997	15,593	15,126	77	94	8 091	109,244	321,543	2,943	2,476
28	45	97 176	20 309,867	313 982,544	15,460	14,992	78	95	5 970	76,231	212,299	2,785	2,317
29	46	96 994	19 169,645	293 672,677	15,320	14,852	79	96	4 269	51,547	136,068	2,640	2,172
30	47	96 794	18 089,877	274 503,031	15,174	14,707	80	97	2 954	33,732	84,521	2,506	2,038
31	48	96 574	17 067,368	256 413,154	15,024	14,556	81	98	1 976	21,330	50,789	2,381	1,914
32	49	96 334	16 099,315	239 345,786	14,867	14,399	82	99	1 273	12,993	29,459	2,267	1,800
33	50	96 065	15 181,445	223 246,471	14,705	14,238	83	100	789	7,617	16,466	2,162	1,694
34	51	95 780	14 313,416	208 065,027	14,536	14,069							
35	52	95 470	13 491,317	193 751,611	14,361	13,894							
36	53	95 128	12 712,035	180 260,294	14,180	13,713							
37	54	94 759	11 974,139	167 548,259	13,993	13,525							
38	55	94 366	11 276,219	155 574,119	13,797	13,329							
39	56	93 929	10 613,631	144 297,901	13,596	13,128							
40	57	93 467	9 987,192	133 684,270	13,386	12,918							
41	58	92 974	9 394,342	123 697,078	13,167	12,700							
42	59	92 437	8 832,229	114 302,736	12,942	12,474							
43	60	91 860	8 299,838	105 470,506	12,708	12,240							
44	61	91 202	7 792,328	97 170,668	12,470	12,002							
45	62	90 497	7 311,711	89 378,340	12,224	11,756							
46	63	89 727	6 855,318	82 066,629	11,971	11,504							
47	64	88 902	6 422,965	75 211,311	11,710	11,242							
48	65	87 994	6 011,683	68 788,347	11,442	10,975							
49	66	87 027	5 622,319	62 776,664	11,166	10,698							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß   5,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	18	99 493	99 492,515	1 747 149,052	17,561	17,093	50	68	85 188	5 204,278	55 404,869	10,646	10,178
1	19	99 085	93 697,455	1 647 656,537	17,585	17,117	51	69	84 023	4 854,016	50 200,592	10,342	9,874
2	20	99 032	88 555,509	1 553 959,082	17,548	17,080	52	70	82 738	4 519,847	45 346,576	10,033	9,565
3	21	98 992	83 706,042	1 465 403,574	17,507	17,039	53	71	81 368	4 203,340	40 826,729	9,713	9,245
4	22	98 957	79 127,078	1 381 697,532	17,462	16,994	54	72	79 877	3 901,948	36 623,389	9,386	8,918
5	23	98 922	74 797,941	1 302 570,453	17,415	16,947	55	73	78 233	3 613,846	32 721,441	9,054	8,587
6	24	98 888	70 707,106	1 227 772,512	17,364	16,897	56	74	76 440	3 339,032	29 107,595	8,717	8,250
7	25	98 858	66 841,933	1 157 065,407	17,310	16,843	57	75	74 471	3 076,137	25 768,563	8,377	7,909
8	26	98 828	63 188,391	1 090 223,474	17,254	16,786	58	76	72 287	2 823,558	22 692,426	8,037	7,569
9	27	98 796	59 733,498	1 027 035,083	17,194	16,726	59	77	69 896	2 581,729	19 868,868	7,696	7,228
10	28	98 762	56 465,967	967 301,585	17,131	16,663	60	78	67 310	2 351,016	17 287,139	7,353	6,885
11	29	98 728	53 377,441	910 835,618	17,064	16,596	61	79	64 474	2 129,527	14 936,123	7,014	6,546
12	30	98 692	50 456,309	857 458,177	16,994	16,526	62	80	61 440	1 918,959	12 806,596	6,674	6,206
13	31	98 653	47 694,009	807 001,868	16,920	16,453	63	81	58 168	1 717,984	10 887,637	6,337	5,870
14	32	98 612	45 082,096	759 307,859	16,843	16,375	64	82	54 699	1 527,695	9 169,653	6,002	5,535
15	33	98 562	42 609,316	714 225,763	16,762	16,295	65	83	50 954	1 345,725	7 641,958	5,679	5,211
16	34	98 509	40 270,595	671 616,447	16,678	16,210	66	84	47 040	1 174,788	6 296,234	5,359	4,892
17	35	98 441	38 054,879	631 345,852	16,590	16,123	67	85	42 916	1 013,527	5 121,446	5,053	4,586
18	36	98 369	35 959,202	593 290,973	16,499	16,031	68	86	38 661	863,386	4 107,918	4,758	4,290
19	37	98 275	33 971,450	557 331,771	16,406	15,938	69	87	34 348	725,353	3 244,532	4,473	4,005
20	38	98 174	32 091,468	523 360,321	16,308	15,841	70	88	29 987	598,825	2 519,179	4,207	3,739
21	39	98 067	30 313,333	491 268,854	16,206	15,739	71	89	25 720	485,702	1 920,354	3,954	3,486
22	40	97 949	28 630,647	460 955,520	16,100	15,632	72	90	21 530	384,466	1 434,652	3,732	3,264
23	41	97 828	27 040,401	432 324,873	15,988	15,521	73	91	17 704	298,953	1 050,186	3,513	3,045
24	42	97 698	25 536,268	405 284,472	15,871	15,403	74	92	14 124	225,528	751,233	3,331	2,863
25	43	97 557	24 112,777	379 748,204	15,749	15,281	75	93	11 063	167,054	525,705	3,147	2,679
26	44	97 403	22 765,819	355 635,427	15,621	15,154	76	94	8 442	120,542	358,652	2,975	2,508
27	45	97 237	21 491,288	332 869,608	15,489	15,021	77	95	6 263	84,568	238,109	2,816	2,348
28	46	97 052	20 284,089	311 378,321	15,351	14,883	78	96	4 507	57,550	153,542	2,668	2,200
29	47	96 857	19 142,633	291 094,232	15,207	14,739	79	97	3 139	37,902	95,991	2,533	2,065
30	48	96 635	18 060,298	271 951,598	15,058	14,590	80	98	2 113	24,126	58,089	2,408	1,940
31	49	96 403	17 037,186	253 891,300	14,902	14,435	81	99	1 373	14,820	33,963	2,292	1,824
32	50	96 136	16 066,188	236 854,114	14,742	14,275	82	100	858	8,759	19,143	2,186	1,718
33	51	95 853	15 148,000	220 787,927	14,575	14,108							
34	52	95 546	14 278,394	205 639,927	14,402	13,935							
35	53	95 208	13 454,279	191 361,533	14,223	13,756							
36	54	94 842	12 673,816	177 907,254	14,037	13,570							
37	55	94 456	11 935,927	165 233,438	13,843	13,376							
38	56	94 032	11 236,265	153 297,511	13,643	13,176							
39	57	93 574	10 573,594	142 061,246	13,435	12,968							
40	58	93 093	9 947,278	131 487,652	13,218	12,751							
41	59	92 564	9 352,891	121 540,374	12,995	12,527							
42	60	92 001	8 790,523	112 187,483	12,762	12,295							
43	61	91 365	8 255,107	103 396,960	12,525	12,058							
44	62	90 678	7 747,548	95 141,852	12,280	11,813							
45	63	89 927	7 265,592	87 394,304	12,029	11,561							
46	64	89 123	6 809,128	80 128,713	11,768	11,300							
47	65	88 249	6 375,760	73 319,585	11,500	11,032							
48	66	87 307	5 964,732	66 943,826	11,223	10,756							
49	67	86 283	5 574,224	60 979,093	10,939	10,472							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß   5,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	19	99 470	99 469,790	1 743 878,821	17,532	17,064	50	69	84 361	5 153,741	53 574,943	10,395	9,928
1	20	99 065	93 678,103	1 644 409,032	17,554	17,086	51	70	83 131	4 802,459	48 421,202	10,083	9,615
2	21	99 010	88 535,850	1 550 730,929	17,515	17,048	52	71	81 778	4 467,396	43 618,743	9,764	9,296
3	22	98 971	83 688,523	1 462 195,078	17,472	17,004	53	72	80 320	4 149,213	39 151,347	9,436	8,968
4	23	98 935	79 109,328	1 378 506,555	17,425	16,958	54	73	78 721	3 845,457	35 002,135	9,102	8,635
5	24	98 899	74 780,843	1 299 397,228	17,376	16,908	55	74	76 961	3 555,081	31 156,678	8,764	8,296
6	25	98 868	70 692,813	1 224 616,384	17,323	16,855	56	75	75 018	3 276,901	27 601,598	8,423	7,956
7	26	98 836	66 827,229	1 153 923,571	17,267	16,800	57	76	72 873	3 010,129	24 324,697	8,081	7,613
8	27	98 805	63 173,436	1 087 096,342	17,208	16,741	58	77	70 516	2 754,401	21 314,567	7,738	7,271
9	28	98 770	59 717,450	1 023 922,906	17,146	16,679	59	78	67 958	2 510,154	18 560,166	7,394	6,926
10	29	98 737	56 451,689	964 205,455	17,080	16,613	60	79	65 151	2 275,623	16 050,013	7,053	6,585
11	30	98 700	53 362,126	907 753,766	17,011	16,544	61	80	62 133	2 052,213	13 774,390	6,712	6,244
12	31	98 664	50 442,028	854 391,641	16,938	16,471	62	81	58 874	1 838,813	11 722,177	6,375	5,907
13	32	98 623	47 679,604	803 949,613	16,861	16,394	63	82	55 400	1 636,225	9 883,364	6,040	5,573
14	33	98 577	45 066,116	756 270,008	16,781	16,314	64	83	51 683	1 443,451	8 247,140	5,713	5,246
15	34	98 526	42 593,737	711 203,892	16,697	16,230	65	84	47 759	1 261,332	6 803,689	5,394	4,926
16	35	98 467	40 253,489	668 610,156	16,610	16,142	66	85	43 638	1 089,832	5 542,357	5,086	4,618
17	36	98 402	38 039,743	628 356,667	16,518	16,051	67	86	39 365	929,653	4 452,524	4,789	4,322
18	37	98 322	35 942,113	590 316,924	16,424	15,957	68	87	35 018	782,036	3 522,871	4,505	4,037
19	38	98 222	33 953,320	554 374,811	16,328	15,860	69	88	30 628	646,803	2 740,835	4,238	3,770
20	39	98 119	32 073,602	520 421,491	16,226	15,758	70	89	26 320	525,597	2 094,032	3,984	3,517
21	40	98 002	30 293,280	488 347,889	16,121	15,653	71	90	22 080	416,967	1 568,435	3,762	3,294
22	41	97 880	28 610,427	458 054,609	16,010	15,542	72	91	18 197	324,952	1 151,469	3,544	3,076
23	42	97 749	27 018,728	429 444,182	15,894	15,427	73	92	14 558	245,833	826,516	3,362	2,895
24	43	97 611	25 513,538	402 425,454	15,773	15,305	74	93	11 451	182,362	580,683	3,176	2,708
25	44	97 457	24 088,087	376 911,916	15,647	15,180	75	94	8 770	132,431	397,831	3,004	2,536
26	45	97 294	22 740,249	352 823,828	15,515	15,048	76	95	6 535	93,314	265,400	2,844	2,377
27	46	97 114	21 464,010	330 083,579	15,378	14,911	77	96	4 728	63,844	172,086	2,695	2,228
28	47	96 916	20 255,507	308 619,569	15,236	14,769	78	97	3 314	42,317	108,242	2,558	2,090
29	48	96 699	19 111,333	288 364,062	15,089	14,621	79	98	2 245	27,109	65,925	2,432	1,964
30	49	96 464	18 028,360	269 252,730	14,935	14,467	80	99	1 468	16,763	38,817	2,316	1,848
31	50	96 204	17 002,129	251 224,370	14,776	14,308	81	100	925	9,990	22,054	2,208	1,740
32	51	95 924	16 030,794	234 222,241	14,611	14,143							
33	52	95 619	15 110,936	218 191,447	14,439	13,972							
34	53	95 284	14 239,194	203 080,511	14,262	13,795							
35	54	94 922	13 413,828	188 841,317	14,078	13,611							
36	55	94 539	12 633,371	175 427,489	13,886	13,418							
37	56	94 121	11 893,636	162 794,118	13,687	13,220							
38	57	93 677	11 193,880	150 900,482	13,481	13,013							
39	58	93 200	10 531,336	139 706,602	13,266	12,798							
40	59	92 683	9 903,387	129 175,266	13,044	12,576							
41	60	92 127	9 308,727	119 271,879	12,813	12,345							
42	61	91 505	8 743,148	109 963,152	12,577	12,109							
43	62	90 840	8 207,668	101 220,004	12,332	11,865							
44	63	90 106	7 698,679	93 012,336	12,082	11,614							
45	64	89 321	7 216,637	85 313,657	11,822	11,354							
46	65	88 468	6 759,084	78 097,020	11,554	11,087							
47	66	87 560	6 325,966	71 337,936	11,277	10,809							
48	67	86 560	5 913,709	65 011,970	10,993	10,526							
49	68	85 495	5 523,318	59 098,261	10,700	10,232							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß   5,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	20	99 449	99 449,245	1 740 412,717	17,501	17,033	50	70	83 465	5 099,000	51 663,206	10,132	9,664
1	21	99 043	93 657,307	1 640 963,472	17,521	17,053	51	71	82 166	4 746,728	46 564,205	9,810	9,342
2	22	98 989	88 517,320	1 547 306,164	17,480	17,013	52	72	80 724	4 409,868	41 817,477	9,483	9,015
3	23	98 949	83 669,749	1 458 788,844	17,435	16,968	53	73	79 157	4 089,141	37 407,609	9,148	8,680
4	24	98 912	79 091,245	1 375 119,095	17,386	16,919	54	74	77 440	3 782,925	33 318,468	8,808	8,340
5	25	98 879	74 765,727	1 296 027,850	17,335	16,867	55	75	75 529	3 488,929	29 535,543	8,466	7,998
6	26	98 847	70 677,262	1 221 262,122	17,279	16,812	56	76	73 408	3 206,585	26 046,614	8,123	7,655
7	27	98 813	66 811,413	1 150 584,860	17,221	16,754	57	77	71 088	2 936,403	22 840,028	7,778	7,311
8	28	98 778	63 156,465	1 083 773,447	17,160	16,693	58	78	68 561	2 678,039	19 903,626	7,432	6,965
9	29	98 745	59 702,350	1 020 616,982	17,095	16,628	59	79	65 779	2 429,657	17 225,587	7,090	6,622
10	30	98 709	56 435,492	960 914,633	17,027	16,559	60	80	62 786	2 193,004	14 795,929	6,747	6,279
11	31	98 672	53 347,023	904 479,141	16,955	16,487	61	81	59 538	1 966,501	12 602,925	6,409	5,941
12	32	98 634	50 426,793	851 132,118	16,879	16,411	62	82	56 072	1 751,303	10 636,424	6,073	5,606
13	33	98 588	47 662,703	800 705,325	16,799	16,332	63	83	52 345	1 545,996	8 885,121	5,747	5,280
14	34	98 541	45 049,638	753 042,622	16,716	16,248	64	84	48 442	1 352,930	7 339,125	5,425	4,957
15	35	98 484	42 575,644	707 992,984	16,629	16,161	65	85	44 305	1 170,118	5 986,195	5,116	4,648
16	36	98 428	40 237,478	665 417,340	16,537	16,070	66	86	40 027	999,644	4 816,077	4,818	4,350
17	37	98 355	38 021,666	625 179,862	16,443	15,975	67	87	35 656	842,059	3 816,434	4,532	4,065
18	38	98 269	35 922,931	587 158,196	16,345	15,877	68	88	31 226	697,348	2 974,375	4,265	3,798
19	39	98 167	33 934,417	551 235,265	16,244	15,777	69	89	26 883	567,708	2 277,027	4,011	3,543
20	40	98 055	32 052,384	517 300,847	16,139	15,672	70	90	22 595	451,216	1 709,319	3,788	3,321
21	41	97 933	30 271,886	485 248,464	16,030	15,562	71	91	18 663	352,422	1 258,104	3,570	3,102
22	42	97 801	28 587,496	454 976,578	15,915	15,448	72	92	14 964	267,213	905,681	3,389	2,922
23	43	97 662	26 994,679	426 389,082	15,795	15,328	73	93	11 803	199,315	638,469	3,203	2,736
24	44	97 511	25 487,414	399 394,402	15,670	15,203	74	94	9 078	144,955	439,153	3,030	2,562
25	45	97 347	24 061,033	373 906,988	15,540	15,072	75	95	6 789	102,517	294,198	2,870	2,402
26	46	97 170	22 711,387	349 845,956	15,404	14,936	76	96	4 934	70,447	191,681	2,721	2,253
27	47	96 977	21 433,765	327 134,569	15,263	14,795	77	97	3 477	46,944	121,234	2,583	2,115
28	48	96 757	20 222,386	305 700,804	15,117	14,649	78	98	2 370	30,266	74,290	2,455	1,987
29	49	96 528	19 077,536	285 478,418	14,964	14,497	79	99	1 560	18,835	44,024	2,337	1,870
30	50	96 266	17 991,264	266 400,882	14,807	14,340	80	100	990	11,300	25,188	2,229	1,762
31	51	95 992	16 964,673	248 409,618	14,643	14,175							
32	52	95 689	15 991,570	231 444,945	14,473	14,005							
33	53	95 356	15 069,451	215 453,375	14,297	13,830							
34	54	94 997	14 196,383	200 383,924	14,115	13,648							
35	55	94 619	13 371,021	186 187,541	13,925	13,457							
36	56	94 204	12 588,609	172 816,519	13,728	13,260							
37	57	93 766	11 848,771	160 227,910	13,523	13,055							
38	58	93 303	11 149,143	148 379,139	13,309	12,841							
39	59	92 789	10 484,869	137 229,997	13,088	12,621							
40	60	92 245	9 856,623	126 745,128	12,859	12,391							
41	61	91 630	9 258,559	116 888,505	12,625	12,157							
42	62	90 979	8 692,904	107 629,946	12,381	11,914							
43	63	90 267	8 155,897	98 937,043	12,131	11,663							
44	64	89 499	7 646,806	90 781,146	11,872	11,404							
45	65	88 664	7 163,599	83 134,339	11,605	11,138							
46	66	87 777	6 706,297	75 970,740	11,328	10,861							
47	67	86 811	6 271,852	69 264,444	11,044	10,576							
48	68	85 770	5 859,703	62 992,592	10,750	10,283							
49	69	84 664	5 469,683	57 132,889	10,445	9,978							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß   5,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	21	99 427	99 427,169	1 736 737,602	17,467	17,000	50	71	82 496	5 039,828	49 669,975	9,855	9,388
1	22	99 022	93 637,706	1 637 310,433	17,486	17,018	51	72	81 108	4 685,603	44 630,147	9,525	9,057
2	23	98 967	88 497,463	1 543 672,728	17,443	16,976	52	73	79 556	4 346,023	39 944,544	9,191	8,723
3	24	98 926	83 650,624	1 455 175,264	17,396	16,928	53	74	77 870	4 022,647	35 598,520	8,850	8,382
4	25	98 892	79 075,258	1 371 524,640	17,345	16,877	54	75	76 000	3 712,534	31 575,873	8,505	8,038
5	26	98 857	74 749,281	1 292 449,383	17,290	16,823	55	76	73 908	3 414,064	27 863,339	8,161	7,694
6	27	98 823	70 660,535	1 217 700,102	17,233	16,766	56	77	71 610	3 128,047	24 449,275	7,816	7,349
7	28	98 786	66 793,465	1 147 039,567	17,173	16,705	57	78	69 117	2 854,995	21 321,228	7,468	7,000
8	29	98 753	63 140,494	1 080 246,102	17,109	16,641	58	79	66 363	2 592,159	18 466,233	7,124	6,656
9	30	98 717	59 685,220	1 017 105,608	17,041	16,574	59	80	63 391	2 341,446	15 874,074	6,780	6,312
10	31	98 681	56 419,519	957 420,388	16,970	16,502	60	81	60 164	2 101,412	13 532,628	6,440	5,972
11	32	98 642	53 330,911	901 000,870	16,895	16,427	61	82	56 705	1 872,914	11 431,216	6,103	5,636
12	33	98 599	50 408,918	847 669,959	16,816	16,348	62	83	52 980	1 654,729	9 558,302	5,776	5,309
13	34	98 552	47 645,276	797 261,041	16,733	16,266	63	84	49 062	1 449,044	7 903,573	5,454	4,987
14	35	98 499	45 030,502	749 615,765	16,647	16,179	64	85	44 939	1 255,092	6 454,529	5,143	4,675
15	36	98 445	42 558,709	704 585,262	16,556	16,088	65	86	40 639	1 073,286	5 199,437	4,844	4,377
16	37	98 381	40 218,356	662 026,553	16,461	15,993	66	87	36 255	905,454	4 126,152	4,557	4,089
17	38	98 303	38 001,374	621 808,197	16,363	15,895	67	88	31 794	750,871	3 220,697	4,289	3,822
18	39	98 215	35 902,933	583 806,823	16,261	15,793	68	89	27 407	612,071	2 469,826	4,035	3,568
19	40	98 103	33 911,968	547 903,890	16,157	15,689	69	90	23 078	487,367	1 857,755	3,812	3,344
20	41	97 985	32 029,747	513 991,922	16,047	15,580	70	91	19 097	381,370	1 370,388	3,593	3,126
21	42	97 854	30 247,623	481 962,174	15,934	15,466	71	92	15 346	289,802	989,018	3,413	2,945
22	43	97 714	28 562,051	451 714,551	15,815	15,348	72	93	12 132	216,649	699,217	3,227	2,760
23	44	97 562	26 967,038	423 152,501	15,691	15,224	73	94	9 357	158,007	482,568	3,054	2,587
24	45	97 402	25 458,788	396 185,462	15,562	15,094	74	95	7 027	112,212	324,561	2,892	2,425
25	46	97 224	24 030,494	370 726,675	15,427	14,960	75	96	5 126	77,395	212,348	2,744	2,276
26	47	97 033	22 679,384	346 696,181	15,287	14,819	76	97	3 628	51,799	134,953	2,605	2,138
27	48	96 818	21 398,718	324 016,797	15,142	14,674	77	98	2 487	33,576	83,154	2,477	2,009
28	49	96 586	20 186,625	302 618,079	14,991	14,523	78	99	1 647	21,029	49,578	2,358	1,890
29	50	96 329	19 038,281	282 431,454	14,835	14,367	79	100	1 052	12,697	28,549	2,249	1,781
30	51	96 054	17 951,629	263 393,174	14,672	14,205							
31	52	95 758	16 923,164	245 441,544	14,503	14,036							
32	53	95 427	15 947,667	228 518,380	14,329	13,862							
33	54	95 070	15 024,144	212 570,713	14,149	13,681							
34	55	94 694	14 151,080	197 546,569	13,960	13,492							
35	56	94 284	13 323,646	183 395,490	13,765	13,297							
36	57	93 849	12 541,122	170 071,844	13,561	13,094							
37	58	93 392	11 801,417	157 530,722	13,348	12,881							
38	59	92 891	11 099,949	145 729,305	13,129	12,661							
39	60	92 351	10 435,359	134 629,356	12,901	12,434							
40	61	91 748	9 803,502	124 193,997	12,668	12,201							
41	62	91 104	9 205,353	114 390,495	12,427	11,959							
42	63	90 405	8 638,072	105 185,142	12,177	11,709							
43	64	89 659	8 100,943	96 547,071	11,918	11,450							
44	65	88 841	7 590,607	88 446,127	11,652	11,184							
45	66	87 972	7 107,652	80 855,520	11,376	10,908							
46	67	87 026	6 648,929	73 747,868	11,092	10,624							
47	68	86 018	6 214,575	67 098,939	10,797	10,329							
48	69	84 937	5 802,801	60 884,363	10,492	10,025							
49	70	83 765	5 411,587	55 081,562	10,178	9,711							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß   5,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	22	99 406	99 406,360	1 732 843,536	17,432	16,964	50	72	81 434	4 974,929	47 595,856	9,567	9,100
1	23	99 000	93 616,700	1 633 437,177	17,448	16,981	51	73	79 934	4 617,766	42 620,927	9,230	8,762
2	24	98 945	88 477,234	1 539 820,477	17,404	16,936	52	74	78 262	4 275,352	38 003,161	8,889	8,421
3	25	98 906	83 633,715	1 451 343,242	17,354	16,886	53	75	76 421	3 947,795	33 727,809	8,543	8,076
4	26	98 870	79 057,863	1 367 709,527	17,300	16,833	54	76	74 369	3 632,871	29 780,014	8,197	7,730
5	27	98 834	74 731,590	1 288 651,664	17,244	16,776	55	77	72 098	3 330,444	26 147,143	7,851	7,383
6	28	98 797	70 641,552	1 213 920,075	17,184	16,717	56	78	69 625	3 041,326	22 816,699	7,502	7,035
7	29	98 761	66 776,574	1 143 278,522	17,121	16,653	57	79	66 901	2 763,440	19 775,373	7,156	6,688
8	30	98 725	63 122,378	1 076 501,948	17,054	16,587	58	80	63 953	2 498,048	17 011,933	6,810	6,343
9	31	98 689	59 668,327	1 013 379,570	16,984	16,516	59	81	60 743	2 243,655	14 513,885	6,469	6,001
10	32	98 651	56 402,479	953 711,243	16,909	16,441	60	82	57 300	2 001,405	12 270,230	6,131	5,663
11	33	98 607	53 312,006	897 308,764	16,831	16,364	61	83	53 578	1 769,634	10 268,825	5,803	5,335
12	34	98 563	50 390,487	843 996,758	16,749	16,282	62	84	49 657	1 550,958	8 499,191	5,480	5,012
13	35	98 510	47 625,038	793 606,271	16,664	16,196	63	85	45 514	1 344,256	6 948,233	5,169	4,701
14	36	98 460	45 012,591	745 981,234	16,573	16,105	64	86	41 220	1 151,227	5 603,978	4,868	4,400
15	37	98 398	42 538,485	700 968,643	16,478	16,011	65	87	36 810	972,158	4 452,751	4,580	4,113
16	38	98 328	40 196,892	658 430,158	16,380	15,913	66	88	32 329	807,401	3 480,593	4,311	3,843
17	39	98 248	37 980,218	618 233,265	16,278	15,810	67	89	27 906	659,049	2 673,192	4,056	3,589
18	40	98 150	35 879,181	580 253,047	16,172	15,705	68	90	23 529	525,453	2 014,142	3,833	3,366
19	41	98 033	33 888,019	544 373,866	16,064	15,596	69	91	19 506	411,925	1 488,690	3,614	3,146
20	42	97 907	32 004,076	510 485,847	15,951	15,483	70	92	15 704	313,605	1 076,765	3,434	2,966
21	43	97 767	30 220,700	478 481,772	15,833	15,365	71	93	12 442	234,964	763,159	3,248	2,780
22	44	97 614	28 532,805	448 261,072	15,710	15,243	72	94	9 618	171,748	528,196	3,075	2,608
23	45	97 453	26 936,750	419 728,267	15,582	15,114	73	95	7 244	122,316	356,448	2,914	2,447
24	46	97 278	25 426,475	392 791,517	15,448	14,981	74	96	5 305	84,714	234,132	2,764	2,296
25	47	97 087	23 996,632	367 365,042	15,309	14,841	75	97	3 769	56,908	149,418	2,626	2,158
26	48	96 875	22 642,300	343 368,410	15,165	14,697	76	98	2 595	37,048	92,510	2,497	2,029
27	49	96 647	21 360,876	320 726,110	15,015	14,547	77	99	1 728	23,329	55,461	2,377	1,910
28	50	96 387	20 145,088	299 365,234	14,860	14,393	78	100	1 110	14,176	32,132	2,267	1,799
29	51	96 117	18 996,340	279 220,146	14,699	14,231							
30	52	95 819	17 907,705	260 223,806	14,531	14,064							
31	53	95 495	16 876,704	242 316,101	14,358	13,890							
32	54	95 140	15 899,720	225 439,397	14,179	13,711							
33	55	94 766	14 976,198	209 539,677	13,992	13,524							
34	56	94 358	14 100,940	194 563,479	13,798	13,330							
35	57	93 928	13 273,386	180 462,539	13,596	13,128							
36	58	93 474	12 491,001	167 189,153	13,385	12,917							
37	59	92 980	11 749,345	154 698,152	13,167	12,699							
38	60	92 453	11 047,535	142 948,807	12,939	12,472							
39	61	91 853	10 379,119	131 901,272	12,708	12,241							
40	62	91 221	9 747,164	121 522,153	12,467	12,000							
41	63	90 529	9 147,288	111 774,989	12,219	11,752							
42	64	89 796	8 579,870	102 627,700	11,961	11,494							
43	65	89 000	8 041,406	94 047,831	11,695	11,228							
44	66	88 147	7 531,325	86 006,424	11,420	10,952							
45	67	87 219	7 046,851	78 475,099	11,136	10,669							
46	68	86 231	6 588,209	71 428,248	10,842	10,374							
47	69	85 183	6 154,228	64 840,038	10,536	10,068							
48	70	84 035	5 741,167	58 685,810	10,222	9,754							
49	71	82 793	5 348,787	52 944,644	9,898	9,431							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß   5,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	23	99 384	99 384,060	1 728 717,051	17,394	16,927	50	73	80 255	4 902,903	45 442,889	9,269	8,801
1	24	98 977	93 595,301	1 629 332,991	17,408	16,941	51	74	78 634	4 542,676	40 539,986	8,924	8,457
2	25	98 925	88 459,350	1 535 737,690	17,361	16,893	52	75	76 806	4 195,798	35 997,310	8,579	8,112
3	26	98 884	83 615,317	1 447 278,340	17,309	16,841	53	76	74 781	3 863,084	31 801,512	8,232	7,765
4	27	98 847	79 039,152	1 363 663,023	17,253	16,785	54	77	72 547	3 543,891	27 938,428	7,884	7,416
5	28	98 807	74 711,513	1 284 623,871	17,194	16,727	55	78	70 099	3 238,112	24 394,537	7,534	7,066
6	29	98 772	70 623,689	1 209 912,357	17,132	16,664	56	79	67 392	2 943,796	21 156,425	7,187	6,719
7	30	98 733	66 757,415	1 139 288,668	17,066	16,599	57	80	64 472	2 663,111	18 212,629	6,839	6,371
8	31	98 697	63 104,512	1 072 531,253	16,996	16,529	58	81	61 282	2 393,716	15 549,518	6,496	6,028
9	32	98 659	59 650,306	1 009 426,741	16,922	16,455	59	82	57 852	2 136,878	13 155,802	6,157	5,689
10	33	98 616	56 382,485	949 776,435	16,845	16,378	60	83	54 141	1 891,039	11 018,924	5,827	5,359
11	34	98 571	53 292,513	893 393,950	16,764	16,296	61	84	50 218	1 658,657	9 127,885	5,503	5,036
12	35	98 521	50 369,082	840 101,437	16,679	16,211	62	85	46 066	1 438,799	7 469,228	5,191	4,724
13	36	98 471	47 606,094	789 732,354	16,589	16,121	63	86	41 748	1 233,012	6 030,428	4,891	4,423
14	37	98 413	44 991,201	742 126,260	16,495	16,027	64	87	37 336	1 042,755	4 797,416	4,601	4,133
15	38	98 346	42 515,783	697 135,059	16,397	15,930	65	88	32 823	866,881	3 754,661	4,331	3,864
16	39	98 274	40 174,514	654 619,277	16,294	15,827	66	89	28 376	708,667	2 887,780	4,075	3,607
17	40	98 183	37 955,093	614 444,762	16,189	15,721	67	90	23 957	565,782	2 179,113	3,852	3,384
18	41	98 080	35 853,842	576 489,670	16,079	15,611	68	91	19 887	444,115	1 613,331	3,633	3,165
19	42	97 955	33 860,857	540 635,828	15,966	15,499	69	92	16 040	338,732	1 169,216	3,452	2,984
20	43	97 820	31 975,589	506 774,970	15,849	15,381	70	93	12 732	254,263	830,484	3,266	2,799
21	44	97 667	30 189,756	474 799,381	15,727	15,260	71	94	9 864	186,267	576,221	3,094	2,626
22	45	97 505	28 500,758	444 609,625	15,600	15,132	72	95	7 445	132,953	389,954	2,933	2,465
23	46	97 329	26 902,561	416 108,867	15,467	15,000	73	96	5 468	92,342	257,001	2,783	2,316
24	47	97 141	25 390,646	389 206,306	15,329	14,861	74	97	3 901	62,290	164,659	2,643	2,176
25	48	96 928	23 957,395	363 815,660	15,186	14,718	75	98	2 696	40,702	102,369	2,515	2,047
26	49	96 703	22 602,259	339 858,265	15,036	14,569	76	99	1 803	25,741	61,667	2,396	1,928
27	50	96 448	21 316,923	317 256,006	14,883	14,415	77	100	1 165	15,726	35,926	2,284	1,817
28	51	96 175	20 100,708	295 939,083	14,723	14,255							
29	52	95 882	18 949,860	275 838,375	14,556	14,089							
30	53	95 556	17 858,542	256 888,516	14,385	13,917							
31	54	95 208	16 825,963	239 029,974	14,206	13,738							
32	55	94 836	15 848,980	222 204,010	14,020	13,553							
33	56	94 431	14 923,135	206 355,030	13,828	13,360							
34	57	94 003	14 047,748	191 431,895	13,627	13,160							
35	58	93 553	13 220,338	177 384,146	13,418	12,950							
36	59	93 062	12 435,887	164 163,808	13,201	12,733							
37	60	92 541	11 693,864	151 727,922	12,975	12,507							
38	61	91 954	10 987,996	140 034,057	12,744	12,277							
39	62	91 326	10 319,473	129 046,061	12,505	12,038							
40	63	90 645	9 685,683	118 726,588	12,258	11,790							
41	64	89 919	9 085,655	109 040,905	12,001	11,534							
42	65	89 136	8 516,813	99 955,250	11,736	11,269							
43	66	88 305	7 978,604	91 438,437	11,460	10,993							
44	67	87 393	7 466,900	83 459,833	11,177	10,710							
45	68	86 423	6 982,497	75 992,933	10,883	10,416							
46	69	85 394	6 524,234	69 010,436	10,578	10,110							
47	70	84 278	6 088,861	62 486,202	10,262	9,795							
48	71	83 059	5 674,542	56 397,341	9,939	9,471							
49	72	81 727	5 279,910	50 722,799	9,607	9,139							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß   5,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	24	99 361	99 361,342	1 724 346,838	17,354	16,887	50	74	78 950	4 823,176	43 214,746	8,960	8,492
1	25	98 957	93 576,382	1 624 985,495	17,365	16,898	51	75	77 171	4 458,148	38 391,569	8,612	8,144
2	26	98 903	88 439,891	1 531 409,113	17,316	16,848	52	76	75 158	4 105,765	33 933,421	8,265	7,797
3	27	98 861	83 595,528	1 442 969,222	17,261	16,794	53	77	72 950	3 768,466	29 827,657	7,915	7,447
4	28	98 821	79 017,919	1 359 373,694	17,203	16,736	54	78	70 536	3 445,642	26 059,191	7,563	7,095
5	29	98 782	74 692,621	1 280 355,775	17,142	16,674	55	79	67 851	3 134,271	22 613,549	7,215	6,747
6	30	98 743	70 603,426	1 205 663,154	17,077	16,609	56	80	64 945	2 836,919	19 479,278	6,866	6,399
7	31	98 705	66 738,520	1 135 059,729	17,008	16,540	57	81	61 779	2 551,885	16 642,359	6,522	6,054
8	32	98 667	63 085,453	1 068 321,208	16,935	16,467	58	82	58 366	2 279,798	14 090,474	6,181	5,713
9	33	98 624	59 629,161	1 005 235,755	16,858	16,391	59	83	54 662	2 019,042	11 810,676	5,850	5,382
10	34	98 580	56 361,870	945 606,594	16,777	16,310	60	84	50 745	1 772,449	9 791,635	5,524	5,057
11	35	98 529	53 269,876	889 244,724	16,693	16,226	61	85	46 586	1 538,710	8 019,186	5,212	4,744
12	36	98 482	50 349,048	835 974,848	16,604	16,136	62	86	42 254	1 319,732	6 480,476	4,910	4,443
13	37	98 424	47 583,471	785 625,800	16,510	16,043	63	87	37 814	1 116,834	5 160,744	4,621	4,153
14	38	98 361	44 967,189	738 042,329	16,413	15,945	64	88	33 293	929,834	4 043,909	4,349	3,881
15	39	98 291	42 492,113	693 075,139	16,311	15,843	65	89	28 810	760,873	3 114,075	4,093	3,625
16	40	98 209	40 147,937	650 583,026	16,205	15,737	66	90	24 360	608,378	2 353,203	3,868	3,400
17	41	98 114	37 928,288	610 435,089	16,094	15,627	67	91	20 249	478,202	1 744,824	3,649	3,181
18	42	98 002	35 825,106	572 506,801	15,981	15,513	68	92	16 353	365,202	1 266,623	3,468	3,001
19	43	97 867	33 830,718	536 681,696	15,864	15,396	69	93	13 005	274,635	901,421	3,282	2,815
20	44	97 719	31 942,848	502 850,977	15,742	15,275	70	94	10 094	201,566	626,786	3,110	2,642
21	45	97 557	30 155,848	470 908,129	15,616	15,148	71	95	7 636	144,192	425,220	2,949	2,481
22	46	97 381	28 464,584	440 752,281	15,484	15,017	72	96	5 621	100,372	281,028	2,800	2,332
23	47	97 192	26 864,653	412 287,697	15,347	14,879	73	97	4 021	67,898	180,655	2,661	2,193
24	48	96 982	25 349,129	385 423,045	15,205	14,737	74	98	2 790	44,552	112,757	2,531	2,063
25	49	96 757	23 915,028	360 073,915	15,056	14,589	75	99	1 873	28,280	68,205	2,412	1,944
26	50	96 504	22 555,752	336 158,888	14,903	14,436	76	100	1 215	17,352	39,925	2,301	1,833
27	51	96 236	21 269,962	313 603,136	14,744	14,276							
28	52	95 940	20 051,526	292 333,174	14,579	14,112							
29	53	95 619	18 897,835	272 281,649	14,408	13,941							
30	54	95 269	17 804,849	253 383,813	14,231	13,764							
31	55	94 904	16 772,268	235 578,964	14,046	13,578							
32	56	94 500	15 792,825	218 806,696	13,855	13,387							
33	57	94 074	14 866,842	203 013,871	13,655	13,188							
34	58	93 627	13 991,606	188 147,029	13,447	12,980							
35	59	93 140	13 162,006	174 155,424	13,232	12,764							
36	60	92 622	12 377,164	160 993,418	13,007	12,540							
37	61	92 042	11 630,842	148 616,254	12,778	12,310							
38	62	91 426	10 924,851	136 985,412	12,539	12,071							
39	63	90 749	10 254,382	126 060,560	12,293	11,826							
40	64	90 035	9 620,422	115 806,179	12,038	11,570							
41	65	89 258	9 018,881	106 185,757	11,774	11,306							
42	66	88 440	8 450,298	97 166,876	11,499	11,031							
43	67	87 549	7 910,353	88 716,578	11,215	10,748							
44	68	86 595	7 398,710	80 806,225	10,922	10,454							
45	69	85 583	6 914,693	73 407,515	10,616	10,149							
46	70	84 487	6 454,936	66 492,822	10,301	9,834							
47	71	83 300	6 018,201	60 037,886	9,976	9,508							
48	72	81 990	5 601,470	54 019,685	9,644	9,176							
49	73	80 544	5 203,469	48 418,215	9,305	8,837							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß   5,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	25	99 341	99 341,258	1 719 719,827	17,311	16,844	50	75	77 481	4 733,429	40 915,953	8,644	8,176
1	26	98 935	93 555,797	1 620 378,569	17,320	16,852	51	76	75 515	4 362,485	36 182,524	8,294	7,826
2	27	98 879	88 418,960	1 526 822,772	17,268	16,800	52	77	73 317	4 005,203	31 820,039	7,945	7,477
3	28	98 834	83 573,071	1 438 403,812	17,211	16,744	53	78	70 927	3 663,990	27 814,836	7,591	7,124
4	29	98 796	78 997,937	1 354 830,741	17,150	16,683	54	79	68 274	3 335,146	24 150,846	7,241	6,774
5	30	98 754	74 671,190	1 275 832,804	17,086	16,618	55	80	65 388	3 020,479	20 815,700	6,892	6,424
6	31	98 715	70 583,443	1 201 161,614	17,018	16,550	56	81	62 233	2 718,433	17 795,221	6,546	6,079
7	32	98 675	66 718,364	1 130 578,171	16,946	16,478	57	82	58 839	2 430,440	15 076,788	6,203	5,736
8	33	98 632	63 063,091	1 063 859,807	16,870	16,402	58	83	55 147	2 154,080	12 646,349	5,871	5,403
9	34	98 588	59 607,359	1 000 796,716	16,790	16,322	59	84	51 234	1 892,424	10 492,269	5,544	5,077
10	35	98 538	56 337,929	941 189,358	16,706	16,239	60	85	47 076	1 644,273	8 599,844	5,230	4,763
11	36	98 490	53 248,688	884 851,429	16,617	16,150	61	86	42 731	1 411,375	6 955,571	4,928	4,461
12	37	98 435	50 325,121	831 602,741	16,525	16,057	62	87	38 273	1 195,383	5 544,196	4,638	4,170
13	38	98 371	47 558,077	781 277,620	16,428	15,960	63	88	33 719	995,891	4 348,813	4,367	3,899
14	39	98 306	44 942,156	733 719,543	16,326	15,858	64	89	29 221	816,127	3 352,922	4,108	3,641
15	40	98 226	42 464,003	688 777,388	16,220	15,753	65	90	24 733	653,196	2 536,795	3,884	3,416
16	41	98 139	40 119,583	646 313,385	16,110	15,642	66	91	20 589	514,204	1 883,599	3,663	3,196
17	42	98 035	37 897,888	606 193,802	15,995	15,528	67	92	16 651	393,232	1 369,395	3,482	3,015
18	43	97 915	35 793,218	568 295,913	15,877	15,410	68	93	13 259	296,096	976,163	3,297	2,829
19	44	97 767	33 796,078	532 502,695	15,756	15,289	69	94	10 309	217,716	680,067	3,124	2,656
20	45	97 610	31 906,972	498 706,617	15,630	15,162	70	95	7 814	156,036	462,351	2,963	2,496
21	46	97 433	30 117,573	466 799,646	15,499	15,032	71	96	5 765	108,857	306,315	2,814	2,346
22	47	97 244	28 424,474	436 682,073	15,363	14,895	72	97	4 133	73,803	197,458	2,675	2,208
23	48	97 033	26 820,726	408 257,598	15,222	14,754	73	98	2 876	48,563	123,654	2,546	2,079
24	49	96 811	25 304,301	381 436,873	15,074	14,606	74	99	1 939	30,955	75,091	2,426	1,958
25	50	96 557	23 865,819	356 132,572	14,922	14,455	75	100	1 263	19,064	44,137	2,315	1,848
26	51	96 292	22 506,061	332 266,753	14,763	14,296							
27	52	96 000	21 217,918	309 760,691	14,599	14,131							
28	53	95 676	19 996,477	288 542,773	14,430	13,962							
29	54	95 331	18 841,018	268 546,296	14,253	13,786							
30	55	94 965	17 748,030	249 705,278	14,069	13,602							
31	56	94 568	16 712,841	231 957,248	13,879	13,411							
32	57	94 144	15 733,251	215 244,407	13,681	13,213							
33	58	93 698	14 807,426	199 511,156	13,474	13,006							
34	59	93 214	13 929,870	184 703,730	13,260	12,792							
35	60	92 700	13 099,855	170 773,860	13,036	12,569							
36	61	92 123	12 310,459	157 674,005	12,808	12,341							
37	62	91 513	11 564,003	145 363,546	12,570	12,103							
38	63	90 849	10 855,941	133 799,543	12,325	11,857							
39	64	90 138	10 185,289	122 943,602	12,071	11,603							
40	65	89 373	9 549,718	112 758,313	11,808	11,340							
41	66	88 561	8 948,445	103 208,595	11,534	11,066							
42	67	87 683	8 378,011	94 260,150	11,251	10,783							
43	68	86 750	7 838,113	85 882,139	10,957	10,489							
44	69	85 754	7 326,864	78 044,026	10,652	10,184							
45	70	84 674	6 841,249	70 717,162	10,337	9,869							
46	71	83 506	6 380,029	63 875,913	10,012	9,544							
47	72	82 227	5 940,704	57 495,884	9,678	9,211							
48	73	80 803	5 520,374	51 555,181	9,339	8,871							
49	74	79 234	5 118,854	46 034,807	8,993	8,526							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß   5,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä_{xy}^{(12)}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä_{xy}^{(12)}$
0							50	49	93 528	5 713,770	76 459,369	13,382	12,914
1	0	99 613	94 196,897	1 682 108,228	17,857	17,390	51	50	92 962	5 370,402	70 745,599	13,173	12,706
2	1	99 267	88 765,199	1 587 911,331	17,889	17,421	52	51	92 318	5 043,234	65 375,197	12,963	12,495
3	2	99 222	83 900,727	1 499 146,132	17,868	17,401	53	52	91 632	4 733,531	60 331,963	12,746	12,278
4	3	99 193	79 315,901	1 415 245,405	17,843	17,376	54	53	90 876	4 439,224	55 598,432	12,524	12,057
5	4	99 169	74 984,877	1 335 929,504	17,816	17,348	55	54	90 041	4 159,308	51 159,208	12,300	11,832
6	5	99 146	70 891,574	1 260 944,628	17,787	17,319	56	55	89 147	3 894,073	46 999,900	12,070	11,602
7	6	99 126	67 023,092	1 190 053,053	17,756	17,288	57	56	88 183	3 642,545	43 105,826	11,834	11,366
8	7	99 109	63 368,069	1 123 029,962	17,722	17,255	58	57	87 144	3 403,887	39 463,281	11,594	11,126
9	8	99 092	59 912,390	1 059 661,893	17,687	17,219	59	58	86 032	3 177,748	36 059,393	11,347	10,880
10	9	99 077	56 646,121	999 749,503	17,649	17,181	60	59	84 835	2 963,154	32 881,646	11,097	10,629
11	10	99 062	53 557,590	943 103,382	17,609	17,142	61	60	83 557	2 759,825	29 918,492	10,841	10,373
12	11	99 046	50 637,535	889 545,792	17,567	17,099	62	61	82 179	2 566,717	27 158,667	10,581	10,114
13	12	99 027	47 875,036	838 908,257	17,523	17,055	63	62	80 727	2 384,276	24 591,950	10,314	9,847
14	13	99 008	45 263,237	791 033,221	17,476	17,009	64	63	79 204	2 212,087	22 207,674	10,039	9,572
15	14	98 984	42 791,858	745 769,984	17,428	16,960	65	64	77 561	2 048,426	19 995,587	9,761	9,294
16	15	98 956	40 453,525	702 978,126	17,377	16,910	66	65	75 832	1 893,855	17 947,161	9,477	9,009
17	16	98 918	38 239,179	662 524,601	17,326	16,858	67	66	73 995	1 747,501	16 053,306	9,186	8,719
18	17	98 869	36 142,168	624 285,422	17,273	16,805	68	67	72 050	1 609,053	14 305,805	8,891	8,423
19	18	98 806	34 155,054	588 143,254	17,220	16,752	69	68	70 025	1 478,799	12 696,752	8,586	8,118
20	19	98 735	32 274,766	553 988,200	17,165	16,697	70	69	67 893	1 355,810	11 217,953	8,274	7,806
21	20	98 661	30 497,157	521 713,435	17,107	16,639	71	70	65 643	1 239,591	9 862,143	7,956	7,488
22	21	98 586	28 816,936	491 216,278	17,046	16,579	72	71	63 263	1 129,706	8 622,552	7,633	7,165
23	22	98 513	27 229,877	462 399,342	16,981	16,514	73	72	60 756	1 025,937	7 492,846	7,303	6,836
24	23	98 440	25 730,058	435 169,465	16,913	16,445	74	73	58 089	927,568	6 466,908	6,972	6,504
25	24	98 362	24 311,851	409 439,407	16,841	16,374	75	74	55 209	833,647	5 539,340	6,645	6,177
26	25	98 288	22 972,655	385 127,555	16,765	16,297	76	75	52 153	744,686	4 705,694	6,319	5,851
27	26	98 209	21 706,153	362 154,900	16,684	16,217	77	76	48 910	660,406	3 961,008	5,998	5,530
28	27	98 124	20 508,066	340 448,747	16,601	16,133	78	77	45 482	580,724	3 300,602	5,684	5,216
29	28	98 039	19 376,110	319 940,681	16,512	16,045	79	78	41 885	505,722	2 719,877	5,378	4,911
30	29	97 949	18 305,884	300 564,571	16,419	15,951	80	79	38 156	435,645	2 214,156	5,082	4,615
31	30	97 859	17 294,488	282 258,688	16,321	15,853	81	80	34 379	371,175	1 778,510	4,792	4,324
32	31	97 761	16 337,827	264 964,200	16,218	15,750	82	81	30 543	311,831	1 407,335	4,513	4,046
33	32	97 660	15 433,463	248 626,372	16,110	15,642	83	82	26 753	258,283	1 095,504	4,241	3,774
34	33	97 551	14 577,981	233 192,910	15,996	15,529	84	83	23 055	210,485	837,222	3,978	3,510
35	34	97 438	13 769,354	218 614,929	15,877	15,409	85	84	19 488	168,240	626,737	3,725	3,258
36	35	97 314	13 004,203	204 845,574	15,752	15,285	86	85	16 114	131,554	458,497	3,485	3,018
37	36	97 190	12 281,400	191 841,372	15,620	15,153	87	86	12 994	100,309	326,943	3,259	2,792
38	37	97 052	11 597,083	179 559,972	15,483	15,016	88	87	10 178	74,297	226,634	3,050	2,583
39	38	96 893	10 948,608	167 962,889	15,341	14,873	89	88	7 730	53,358	152,337	2,855	2,387
40	39	96 728	10 335,651	157 014,281	15,192	14,724	90	89	5 649	36,879	98,979	2,684	2,216
41	40	96 540	9 754,670	146 678,630	15,037	14,569	91	90	3 996	24,669	62,100	2,517	2,050
42	41	96 340	9 205,136	136 923,960	14,875	14,407	92	91	2 703	15,777	37,431	2,372	1,905
43	42	96 115	8 684,341	127 718,824	14,707	14,239	93	92	1 742	9,614	21,654	2,252	1,785
44	43	95 859	8 190,202	119 034,483	14,534	14,066	94	93	1 081	5,641	12,040	2,134	1,667
45	44	95 570	7 721,550	110 844,281	14,355	13,888	95	94	640	3,157	6,399	2,027	1,559
46	45	95 251	7 277,346	103 122,731	14,170	13,703	96	95	360	1,680	3,242	1,930	1,462
47	46	94 895	6 855,917	95 845,385	13,980	13,512	97	96	192	0,848	1,562	1,841	1,374
48	47	94 488	6 455,312	88 989,468	13,785	13,318	98	97	97	0,405	0,714	1,761	1,293
49	48	94 031	6 074,787	82 534,156	13,586	13,119	99	98	46	0,183	0,308	1,688	1,221
							100	99	21	0,077	0,126	1,622	1,155

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß   5,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	48	93 694	5 723,892	76 983,857	13,450	12,982
1							51	49	93 154	5 381,475	71 259,965	13,242	12,774
2	0	99 581	89 045,933	1 589 012,092	17,845	17,377	52	50	92 522	5 054,368	65 878,490	13,034	12,566
3	1	99 248	83 922,880	1 499 966,159	17,873	17,406	53	51	91 856	4 745,142	60 824,121	12,818	12,351
4	2	99 208	79 327,716	1 416 043,279	17,851	17,383	54	52	91 126	4 451,445	56 078,980	12,598	12,130
5	3	99 180	74 993,256	1 336 715,563	17,824	17,357	55	53	90 313	4 171,851	51 627,534	12,375	11,908
6	4	99 158	70 900,024	1 261 722,307	17,796	17,328	56	54	89 432	3 906,540	47 455,683	12,148	11,680
7	5	99 136	67 029,867	1 190 822,283	17,766	17,298	57	55	88 497	3 655,498	43 549,143	11,913	11,446
8	6	99 118	63 373,588	1 123 792,416	17,733	17,265	58	56	87 474	3 416,776	39 893,646	11,676	11,208
9	7	99 101	59 917,533	1 060 418,828	17,698	17,230	59	57	86 378	3 190,499	36 476,870	11,433	10,965
10	8	99 085	56 650,293	1 000 501,296	17,661	17,193	60	58	85 211	2 976,286	33 286,371	11,184	10,716
11	9	99 068	53 561,285	943 851,003	17,622	17,154	61	59	83 954	2 772,918	30 310,085	10,931	10,463
12	10	99 053	50 641,129	890 289,718	17,580	17,113	62	60	82 624	2 580,625	27 537,166	10,671	10,203
13	11	99 035	47 878,865	839 648,589	17,537	17,069	63	61	81 194	2 398,057	24 956,542	10,407	9,939
14	12	99 016	45 266,881	791 769,724	17,491	17,024	64	62	79 707	2 226,129	22 558,484	10,134	9,666
15	13	98 993	42 795,691	746 502,843	17,443	16,976	65	63	78 087	2 062,322	20 332,356	9,859	9,391
16	14	98 967	40 457,910	703 707,152	17,394	16,926	66	64	76 393	1 907,876	18 270,034	9,576	9,109
17	15	98 930	38 243,990	663 249,242	17,343	16,875	67	65	74 577	1 761,256	16 362,157	9,290	8,822
18	16	98 884	36 147,730	625 005,252	17,290	16,823	68	66	72 672	1 622,936	14 600,901	8,997	8,529
19	17	98 822	34 160,535	588 857,522	17,238	16,770	69	67	70 671	1 492,428	12 977,965	8,696	8,228
20	18	98 757	32 282,139	554 696,987	17,183	16,715	70	68	68 559	1 369,105	11 485,537	8,389	7,922
21	19	98 682	30 503,457	522 414,847	17,126	16,659	71	69	66 347	1 252,899	10 116,432	8,074	7,607
22	20	98 608	28 823,334	491 911,390	17,066	16,599	72	70	64 006	1 142,970	8 863,533	7,755	7,287
23	21	98 534	27 235,577	463 088,056	17,003	16,535	73	71	61 548	1 039,321	7 720,563	7,428	6,961
24	22	98 462	25 735,831	435 852,478	16,936	16,468	74	72	58 942	941,195	6 681,242	7,099	6,631
25	23	98 385	24 317,410	410 116,647	16,865	16,398	75	73	56 122	847,427	5 740,048	6,774	6,306
26	24	98 308	22 977,300	385 799,237	16,790	16,323	76	74	53 142	758,806	4 892,621	6,448	5,980
27	25	98 231	21 710,929	362 821,938	16,711	16,244	77	75	49 983	674,888	4 133,815	6,125	5,658
28	26	98 147	20 512,921	341 111,009	16,629	16,162	78	76	46 624	595,305	3 458,928	5,810	5,343
29	27	98 065	19 381,317	320 598,088	16,542	16,074	79	77	43 080	520,142	2 863,623	5,505	5,038
30	28	97 974	18 310,514	301 216,771	16,450	15,983	80	78	39 420	450,079	2 343,481	5,207	4,739
31	29	97 887	17 299,451	282 906,257	16,353	15,886	81	79	35 674	385,159	1 893,402	4,916	4,448
32	30	97 789	16 342,453	265 606,806	16,253	15,785	82	80	31 874	325,422	1 508,243	4,635	4,167
33	31	97 689	15 438,125	249 264,353	16,146	15,678	83	81	28 089	271,189	1 182,821	4,362	3,894
34	32	97 585	14 583,151	233 826,228	16,034	15,566	84	82	24 401	222,769	911,633	4,092	3,625
35	33	97 473	13 774,391	219 243,077	15,917	15,449	85	83	20 792	179,496	688,863	3,838	3,370
36	34	97 356	13 009,729	205 468,686	15,793	15,326	86	84	17 371	141,809	509,367	3,592	3,124
37	35	97 229	12 286,286	192 458,958	15,665	15,197	87	85	14 166	109,359	367,558	3,361	2,893
38	36	97 098	11 602,597	180 172,671	15,529	15,061	88	86	11 236	82,026	258,199	3,148	2,680
39	37	96 945	10 954,455	168 570,075	15,388	14,921	89	87	8 668	59,838	176,173	2,944	2,477
40	38	96 782	10 341,408	157 615,620	15,241	14,774	90	88	6 437	42,017	116,335	2,769	2,301
41	39	96 604	9 761,127	147 274,212	15,088	14,620	91	89	4 655	28,736	74,318	2,586	2,119
42	40	96 408	9 211,641	137 513,084	14,928	14,461	92	90	3 198	18,667	45,583	2,442	1,974
43	41	96 193	8 691,307	128 301,443	14,762	14,294	93	91	2 118	11,691	26,916	2,302	1,835
44	42	95 944	8 197,499	119 610,136	14,591	14,123	94	92	1 333	6,958	15,225	2,188	1,721
45	43	95 668	7 729,464	111 412,637	14,414	13,946	95	93	807	3,982	8,267	2,076	1,608
46	44	95 358	7 285,529	103 683,173	14,231	13,764	96	94	465	2,170	4,285	1,974	1,507
47	45	95 016	6 864,629	96 397,644	14,043	13,575	97	95	255	1,124	2,114	1,882	1,414
48	46	94 621	6 464,421	89 533,014	13,850	13,383	98	96	132	0,551	0,991	1,798	1,330
49	47	94 185	6 084,736	83 068,593	13,652	13,184	99	97	65	0,255	0,440	1,722	1,254
							100	98	30	0,112	0,184	1,653	1,185

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß   5,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	47	93 847	5 733,267	77 467,319	13,512	13,044
1							51	48	93 319	5 391,009	71 734,053	13,306	12,839
2							52	49	92 713	5 064,790	66 343,044	13,099	12,631
3	0	99 562	84 188,299	1 500 984,874	17,829	17,361	53	50	92 059	4 755,618	61 278,254	12,885	12,418
4	1	99 234	79 348,661	1 416 796,575	17,855	17,388	54	51	91 349	4 462,364	56 522,636	12,667	12,199
5	2	99 195	75 004,427	1 337 447,914	17,832	17,364	55	52	90 561	4 183,336	52 060,272	12,445	11,977
6	3	99 169	70 907,947	1 262 443,487	17,804	17,336	56	53	89 702	3 918,321	47 876,936	12,219	11,751
7	4	99 148	67 037,856	1 191 535,540	17,774	17,306	57	54	88 780	3 667,200	43 958,615	11,987	11,519
8	5	99 128	63 379,994	1 124 497,684	17,742	17,275	58	55	87 785	3 428,925	40 291,415	11,750	11,283
9	6	99 109	59 922,751	1 061 117,689	17,708	17,241	59	56	86 705	3 202,580	36 862,490	11,510	11,043
10	7	99 093	56 655,156	1 001 194,938	17,672	17,204	60	57	85 553	2 988,229	33 659,910	11,264	10,797
11	8	99 076	53 565,229	944 539,783	17,633	17,166	61	58	84 326	2 785,207	30 671,681	11,012	10,545
12	9	99 060	50 644,622	890 974,553	17,593	17,125	62	59	83 016	2 592,868	27 886,474	10,755	10,287
13	10	99 042	47 882,263	840 329,931	17,550	17,082	63	60	81 634	2 411,051	25 293,605	10,491	10,023
14	11	99 024	45 270,502	792 447,668	17,505	17,037	64	61	80 167	2 238,995	22 882,554	10,220	9,752
15	12	99 001	42 799,137	747 177,166	17,458	16,990	65	62	78 583	2 075,413	20 643,559	9,947	9,479
16	13	98 976	40 461,534	704 378,029	17,409	16,941	66	63	76 911	1 920,819	18 568,146	9,667	9,199
17	14	98 941	38 248,135	663 916,495	17,358	16,891	67	64	75 130	1 774,296	16 647,327	9,382	8,915
18	15	98 897	36 152,277	625 668,359	17,306	16,839	68	65	73 244	1 635,711	14 873,031	9,093	8,625
19	16	98 837	34 165,793	589 516,082	17,255	16,787	69	66	71 280	1 505,305	13 237,320	8,794	8,326
20	17	98 773	32 287,321	555 350,290	17,200	16,733	70	67	69 191	1 381,723	11 732,015	8,491	8,023
21	18	98 704	30 510,426	523 062,969	17,144	16,676	71	68	66 998	1 265,185	10 350,292	8,181	7,713
22	19	98 628	28 829,289	492 552,543	17,085	16,618	72	69	64 693	1 155,240	9 085,107	7,864	7,397
23	20	98 556	27 241,625	463 723,254	17,023	16,555	73	70	62 271	1 051,523	7 929,867	7,541	7,074
24	21	98 482	25 741,219	436 481,630	16,957	16,489	74	71	59 711	953,473	6 878,343	7,214	6,746
25	22	98 407	24 322,866	410 740,411	16,887	16,419	75	72	56 946	859,876	5 924,871	6,890	6,423
26	23	98 330	22 982,553	386 417,545	16,814	16,346	76	73	54 021	771,349	5 064,995	6,566	6,099
27	24	98 251	21 715,318	363 434,992	16,736	16,269	77	74	50 930	687,684	4 293,646	6,244	5,776
28	25	98 169	20 517,434	341 719,673	16,655	16,188	78	75	47 646	608,359	3 605,963	5,927	5,460
29	26	98 088	19 385,905	321 202,239	16,569	16,101	79	76	44 161	533,202	2 997,603	5,622	5,154
30	27	98 001	18 315,434	301 816,334	16,479	16,011	80	77	40 544	462,912	2 464,402	5,324	4,856
31	28	97 912	17 303,827	283 500,900	16,384	15,916	81	78	36 856	397,919	2 001,490	5,030	4,562
32	29	97 817	16 347,143	266 197,073	16,284	15,816	82	79	33 075	337,682	1 603,570	4,749	4,281
33	30	97 717	15 442,496	249 849,930	16,179	15,712	83	80	29 314	283,009	1 265,888	4,473	4,005
34	31	97 615	14 587,556	234 407,434	16,069	15,601	84	81	25 620	233,901	982,880	4,202	3,735
35	32	97 508	13 779,275	219 819,878	15,953	15,485	85	82	22 005	189,972	748,979	3,943	3,475
36	33	97 391	13 014,487	206 040,602	15,832	15,364	86	83	18 533	151,297	559,007	3,695	3,227
37	34	97 270	12 291,508	193 026,115	15,704	15,236	87	84	15 270	117,884	407,710	3,459	2,991
38	35	97 136	11 607,213	180 734,607	15,571	15,103	88	85	12 250	89,427	289,826	3,241	2,773
39	36	96 991	10 959,663	169 127,394	15,432	14,964	89	86	9 570	66,062	200,399	3,033	2,566
40	37	96 834	10 346,930	158 167,731	15,286	14,819	90	87	7 218	47,119	134,337	2,851	2,383
41	38	96 658	9 766,564	147 820,801	15,135	14,668	91	88	5 304	32,740	87,218	2,664	2,196
42	39	96 472	9 217,739	138 054,236	14,977	14,509	92	89	3 725	21,744	54,478	2,505	2,038
43	40	96 260	8 697,450	128 836,497	14,813	14,346	93	90	2 506	13,833	32,734	2,366	1,899
44	41	96 021	8 204,074	120 139,048	14,644	14,176	94	91	1 621	8,461	18,902	2,234	1,766
45	42	95 753	7 736,350	111 934,973	14,469	14,001	95	92	995	4,911	10,440	2,126	1,658
46	43	95 456	7 292,997	104 198,623	14,287	13,820	96	93	587	2,738	5,529	2,020	1,552
47	44	95 122	6 872,348	96 905,626	14,101	13,633	97	94	329	1,451	2,791	1,923	1,456
48	45	94 741	6 472,637	90 033,278	13,910	13,442	98	95	175	0,730	1,340	1,835	1,368
49	46	94 318	6 093,322	83 560,641	13,713	13,246	99	96	88	0,347	0,610	1,756	1,288
							100	97	42	0,156	0,263	1,684	1,216

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß   5,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	46	93 980	5 741,357	77 912,013	13,570	13,103
1							51	47	93 472	5 399,838	72 170,656	13,365	12,898
2							52	48	92 877	5 073,763	66 770,818	13,160	12,692
3							53	49	92 249	4 765,424	61 697,055	12,947	12,479
4	0	99 548	79 599,614	1 417 739,058	17,811	17,343	54	50	91 551	4 472,216	56 931,632	12,730	12,262
5	1	99 221	75 024,231	1 338 139,444	17,836	17,369	55	51	90 784	4 193,597	52 459,416	12,509	12,042
6	2	99 184	70 918,510	1 263 115,213	17,811	17,343	56	52	89 949	3 929,107	48 265,819	12,284	11,817
7	3	99 159	67 045,347	1 192 196,704	17,782	17,314	57	53	89 048	3 678,259	44 336,711	12,054	11,586
8	4	99 140	63 387,549	1 125 151,356	17,750	17,283	58	54	88 066	3 439,903	40 658,452	11,820	11,352
9	5	99 119	59 928,808	1 061 763,808	17,717	17,250	59	55	87 013	3 213,967	37 218,549	11,580	11,113
10	6	99 102	56 660,090	1 001 834,999	17,681	17,214	60	56	85 877	2 999,544	34 004,582	11,337	10,869
11	7	99 084	53 569,827	945 174,909	17,644	17,176	61	57	84 664	2 796,383	31 005,038	11,088	10,620
12	8	99 067	50 648,352	891 605,082	17,604	17,136	62	58	83 384	2 604,360	28 208,655	10,831	10,364
13	9	99 049	47 885,566	840 956,730	17,562	17,094	63	59	82 021	2 422,490	25 604,295	10,569	10,102
14	10	99 031	45 273,715	793 071,163	17,517	17,050	64	60	80 602	2 251,128	23 181,805	10,298	9,830
15	11	99 009	42 802,560	747 797,448	17,471	17,003	65	61	79 037	2 087,409	20 930,677	10,027	9,560
16	12	98 984	40 464,792	704 994,889	17,422	16,955	66	62	77 400	1 933,011	18 843,269	9,748	9,281
17	13	98 950	38 251,562	664 530,097	17,373	16,905	67	63	75 639	1 786,332	16 910,257	9,466	8,999
18	14	98 908	36 156,196	626 278,535	17,321	16,854	68	64	73 786	1 647,822	15 123,925	9,178	8,711
19	15	98 849	34 170,091	590 122,339	17,270	16,803	69	65	71 842	1 517,153	13 476,104	8,882	8,415
20	16	98 788	32 292,290	555 952,248	17,216	16,749	70	66	69 788	1 393,645	11 958,950	8,581	8,113
21	17	98 720	30 515,323	523 659,959	17,161	16,693	71	67	67 615	1 276,845	10 565,305	8,275	7,807
22	18	98 651	28 835,875	493 144,636	17,102	16,634	72	68	65 328	1 166,569	9 288,460	7,962	7,495
23	19	98 576	27 247,252	464 308,761	17,041	16,573	73	69	62 940	1 062,812	8 121,891	7,642	7,174
24	20	98 504	25 746,934	437 061,508	16,975	16,508	74	70	60 412	964,667	7 059,079	7,318	6,850
25	21	98 427	24 327,958	411 314,574	16,907	16,439	75	71	57 689	871,093	6 094,412	6,996	6,529
26	22	98 353	22 987,710	386 986,616	16,835	16,367	76	72	54 814	782,680	5 223,319	6,674	6,206
27	23	98 273	21 720,283	363 998,906	16,758	16,291	77	73	51 772	699,051	4 440,639	6,352	5,885
28	24	98 189	20 521,582	342 278,623	16,679	16,211	78	74	48 550	619,894	3 741,588	6,036	5,568
29	25	98 110	19 390,170	321 757,041	16,594	16,126	79	75	45 130	544,894	3 121,694	5,729	5,261
30	26	98 024	18 319,770	302 366,871	16,505	16,037	80	76	41 562	474,535	2 576,800	5,430	4,963
31	27	97 938	17 308,477	284 047,101	16,411	15,943	81	77	37 907	409,266	2 102,265	5,137	4,669
32	28	97 842	16 351,278	266 738,624	16,313	15,845	82	78	34 171	348,870	1 692,999	4,853	4,385
33	29	97 745	15 446,928	250 387,346	16,210	15,742	83	79	30 418	293,671	1 344,130	4,577	4,109
34	30	97 642	14 591,686	234 940,418	16,101	15,633	84	80	26 737	244,095	1 050,459	4,303	3,836
35	31	97 537	13 783,438	220 348,732	15,986	15,519	85	81	23 105	199,464	806,364	4,043	3,575
36	32	97 426	13 019,102	206 565,293	15,866	15,399	86	82	19 614	160,127	606,899	3,790	3,323
37	33	97 306	12 296,003	193 546,191	15,741	15,273	87	83	16 292	125,771	446,772	3,552	3,085
38	34	97 178	11 612,146	181 250,188	15,609	15,141	88	84	13 205	96,398	321,001	3,330	2,862
39	35	97 030	10 964,024	169 638,042	15,472	15,005	89	85	10 433	72,023	224,603	3,119	2,651
40	36	96 880	10 351,850	158 674,018	15,328	14,861	90	86	7 969	52,021	152,581	2,933	2,465
41	37	96 709	9 771,779	148 322,168	15,179	14,711	91	87	5 948	36,715	100,560	2,739	2,271
42	38	96 525	9 222,874	138 550,389	15,022	14,555	92	88	4 244	24,773	63,844	2,577	2,110
43	39	96 324	8 703,207	129 327,515	14,860	14,392	93	89	2 919	16,113	39,071	2,425	1,957
44	40	96 089	8 209,872	120 624,308	14,693	14,225	94	90	1 918	10,011	22,958	2,293	1,826
45	41	95 830	7 742,556	112 414,436	14,519	14,051	95	91	1 210	5,973	12,947	2,168	1,700
46	42	95 541	7 299,494	104 671,879	14,340	13,872	96	92	723	3,377	6,974	2,065	1,598
47	43	95 220	6 879,392	97 372,386	14,154	13,687	97	93	415	1,831	3,598	1,965	1,497
48	44	94 848	6 479,915	90 492,994	13,965	13,498	98	94	226	0,943	1,767	1,874	1,406
49	45	94 437	6 101,066	84 013,079	13,770	13,303	99	95	117	0,460	0,824	1,791	1,323
							100	96	57	0,212	0,364	1,715	1,248

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß   5,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	45	94 099	5 748,653	78 320,572	13,624	13,157
1							51	46	93 604	5 407,458	72 571,919	13,421	12,953
2							52	47	93 029	5 082,072	67 164,461	13,216	12,748
3							53	48	92 412	4 773,866	62 082,389	13,005	12,537
4							54	49	91 740	4 481,437	57 308,523	12,788	12,320
5	0	99 535	75 261,507	1 339 011,186	17,791	17,324	55	50	90 984	4 202,856	52 827,086	12,569	12,102
6	1	99 210	70 937,234	1 263 749,679	17,815	17,347	56	51	90 169	3 938,745	48 624,230	12,345	11,878
7	2	99 174	67 055,335	1 192 812,444	17,788	17,321	57	52	89 293	3 688,385	44 685,485	12,115	11,648
8	3	99 151	63 394,632	1 125 757,110	17,758	17,290	58	53	88 332	3 450,276	40 997,100	11,882	11,415
9	4	99 131	59 935,952	1 062 362,477	17,725	17,257	59	54	87 291	3 224,257	37 546,824	11,645	11,178
10	5	99 112	56 665,817	1 002 426,526	17,690	17,223	60	55	86 183	3 010,209	34 322,567	11,402	10,934
11	6	99 093	53 574,493	945 760,708	17,653	17,186	61	56	84 985	2 806,972	31 312,358	11,155	10,688
12	7	99 076	50 652,700	892 186,215	17,614	17,146	62	57	83 719	2 614,810	28 505,386	10,902	10,434
13	8	99 056	47 889,093	841 533,516	17,573	17,105	63	58	82 385	2 433,227	25 890,576	10,640	10,173
14	9	99 038	45 276,838	793 644,422	17,529	17,061	64	59	80 984	2 261,808	23 457,350	10,371	9,903
15	10	99 016	42 805,597	748 367,584	17,483	17,015	65	60	79 466	2 098,719	21 195,542	10,099	9,632
16	11	98 992	40 468,028	705 561,987	17,435	16,967	66	61	77 847	1 944,184	19 096,822	9,823	9,355
17	12	98 958	38 254,641	665 093,959	17,386	16,918	67	62	76 119	1 797,671	17 152,638	9,542	9,074
18	13	98 916	36 159,435	626 839,318	17,335	16,868	68	63	74 287	1 659,000	15 354,967	9,256	8,788
19	14	98 860	34 173,795	590 679,882	17,285	16,817	69	64	72 373	1 528,386	13 695,968	8,961	8,493
20	15	98 801	32 296,352	556 506,087	17,231	16,764	70	65	70 337	1 404,615	12 167,581	8,663	8,195
21	16	98 735	30 520,019	524 209,735	17,176	16,708	71	66	68 199	1 287,862	10 762,966	8,357	7,890
22	17	98 667	28 840,503	493 689,716	17,118	16,650	72	67	65 930	1 177,320	9 475,104	8,048	7,580
23	18	98 599	27 253,477	464 849,213	17,057	16,589	73	68	63 557	1 073,234	8 297,784	7,732	7,264
24	19	98 525	25 752,253	437 595,736	16,993	16,525	74	69	61 061	975,023	7 224,550	7,410	6,942
25	20	98 449	24 333,359	411 843,482	16,925	16,457	75	70	58 366	881,320	6 249,527	7,091	6,624
26	21	98 373	22 992,522	387 510,123	16,854	16,386	76	71	55 529	792,890	5 368,206	6,770	6,303
27	22	98 295	21 725,157	364 517,601	16,779	16,311	77	72	52 533	709,321	4 575,316	6,450	5,983
28	23	98 211	20 526,274	342 792,444	16,700	16,233	78	73	49 352	630,141	3 865,996	6,135	5,668
29	24	98 130	19 394,090	322 266,170	16,617	16,149	79	74	45 985	555,225	3 235,855	5,828	5,360
30	25	98 045	18 323,801	302 872,080	16,529	16,061	80	75	42 474	484,941	2 680,630	5,528	5,060
31	26	97 961	17 312,574	284 548,279	16,436	15,968	81	76	38 858	419,541	2 195,689	5,234	4,766
32	27	97 868	16 355,672	267 235,705	16,339	15,871	82	77	35 145	358,817	1 776,147	4,950	4,482
33	28	97 770	15 450,835	250 880,033	16,237	15,770	83	78	31 426	303,400	1 417,330	4,671	4,204
34	29	97 670	14 595,874	235 429,198	16,130	15,662	84	79	27 744	253,291	1 113,930	4,398	3,930
35	30	97 565	13 787,340	220 833,323	16,017	15,550	85	80	24 112	208,158	860,638	4,135	3,667
36	31	97 455	13 023,036	207 045,983	15,898	15,431	86	81	20 595	168,128	652,480	3,881	3,413
37	32	97 340	12 300,364	194 022,947	15,774	15,306	87	82	17 243	133,112	484,352	3,639	3,171
38	33	97 213	11 616,393	181 722,584	15,644	15,176	88	83	14 089	102,847	351,240	3,415	2,948
39	34	97 071	10 968,683	170 106,191	15,508	15,041	89	84	11 247	77,637	248,393	3,199	2,732
40	35	96 918	10 355,969	159 137,508	15,367	14,899	90	85	8 688	56,714	170,756	3,011	2,543
41	36	96 755	9 776,425	148 781,539	15,218	14,751	91	86	6 567	40,535	114,041	2,813	2,346
42	37	96 577	9 227,798	139 005,113	15,064	14,596	92	87	4 759	27,782	73,506	2,646	2,178
43	38	96 378	8 708,055	129 777,315	14,903	14,436	93	88	3 326	18,358	45,725	2,491	2,023
44	39	96 152	8 215,307	121 069,260	14,737	14,269	94	89	2 234	11,661	27,367	2,347	1,879
45	40	95 898	7 748,028	112 853,953	14,566	14,098	95	90	1 432	7,066	15,706	2,223	1,755
46	41	95 618	7 305,349	105 105,925	14,388	13,920	96	91	880	4,106	8,639	2,104	1,636
47	42	95 305	6 885,521	97 800,576	14,204	13,736	97	92	512	2,258	4,533	2,007	1,540
48	43	94 945	6 486,556	90 915,055	14,016	13,548	98	93	285	1,189	2,275	1,912	1,445
49	44	94 544	6 107,926	84 428,498	13,823	13,355	99	94	151	0,594	1,085	1,826	1,359
							100	95	75	0,281	0,491	1,748	1,280

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß   5,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	44	94 205	5 755,117	78 695,441	13,674	13,206
1							51	45	93 723	5 414,330	72 940,324	13,472	13,004
2							52	46	93 161	5 089,244	67 525,994	13,268	12,801
3							53	47	92 564	4 781,685	62 436,751	13,057	12,590
4							54	48	91 902	4 489,376	57 655,066	12,843	12,375
5							55	49	91 172	4 211,522	53 165,690	12,624	12,156
6	0	99 524	71 161,585	1 264 555,863	17,770	17,303	56	50	90 368	3 947,441	48 954,168	12,401	11,934
7	1	99 200	67 073,040	1 193 394,279	17,792	17,325	57	51	89 512	3 697,432	45 006,727	12,172	11,705
8	2	99 165	63 404,076	1 126 321,239	17,764	17,297	58	52	88 575	3 459,775	41 309,295	11,940	11,472
9	3	99 142	59 942,649	1 062 917,164	17,732	17,265	59	53	87 555	3 233,980	37 849,521	11,704	11,236
10	4	99 124	56 672,572	1 002 974,514	17,698	17,230	60	54	86 458	3 019,846	34 615,541	11,463	10,995
11	5	99 103	53 579,909	946 301,943	17,662	17,194	61	55	85 287	2 816,953	31 595,695	11,216	10,749
12	6	99 084	50 657,111	892 722,034	17,623	17,155	62	56	84 036	2 624,711	28 778,742	10,965	10,497
13	7	99 065	47 893,204	842 064,923	17,582	17,115	63	57	82 715	2 442,990	26 154,031	10,706	10,238
14	8	99 045	45 280,173	794 171,719	17,539	17,071	64	58	81 343	2 271,832	23 711,041	10,437	9,969
15	9	99 023	42 808,551	748 891,546	17,494	17,026	65	59	79 843	2 108,677	21 439,209	10,167	9,700
16	10	98 999	40 470,900	706 082,996	17,447	16,979	66	60	78 269	1 954,719	19 330,532	9,889	9,422
17	11	98 966	38 257,701	665 612,095	17,398	16,931	67	61	76 559	1 808,061	17 375,814	9,610	9,143
18	12	98 924	36 162,346	627 354,395	17,348	16,881	68	62	74 758	1 669,531	15 567,752	9,325	8,857
19	13	98 869	34 176,856	591 192,048	17,298	16,830	69	63	72 864	1 538,754	13 898,222	9,032	8,565
20	14	98 812	32 299,853	557 015,192	17,245	16,778	70	64	70 858	1 415,014	12 359,468	8,735	8,267
21	15	98 748	30 523,859	524 715,339	17,190	16,723	71	65	68 736	1 297,999	10 944,453	8,432	7,964
22	16	98 682	28 844,942	494 191,480	17,133	16,665	72	66	66 499	1 187,478	9 646,454	8,123	7,656
23	17	98 614	27 257,852	465 346,539	17,072	16,604	73	67	64 143	1 083,125	8 458,976	7,810	7,342
24	18	98 547	25 758,137	438 088,687	17,008	16,540	74	68	61 660	984,584	7 375,850	7,491	7,024
25	19	98 469	24 338,386	412 330,551	16,942	16,474	75	69	58 993	890,782	6 391,266	7,175	6,707
26	20	98 395	22 997,627	387 992,164	16,871	16,403	76	70	56 181	802,199	5 500,484	6,857	6,389
27	21	98 316	21 729,705	364 994,537	16,797	16,329	77	71	53 218	718,574	4 698,285	6,538	6,071
28	22	98 233	20 530,880	343 264,833	16,719	16,252	78	72	50 077	639,398	3 979,711	6,224	5,757
29	23	98 152	19 398,525	322 733,953	16,637	16,169	79	73	46 745	564,403	3 340,313	5,918	5,451
30	24	98 065	18 327,505	303 335,428	16,551	16,083	80	74	43 279	494,135	2 775,910	5,618	5,150
31	25	97 983	17 316,383	285 007,923	16,459	15,991	81	75	39 711	428,741	2 281,774	5,322	4,854
32	26	97 891	16 359,544	267 691,539	16,363	15,895	82	76	36 027	367,827	1 853,033	5,038	4,570
33	27	97 796	15 454,987	251 331,995	16,262	15,795	83	77	32 322	312,051	1 485,207	4,759	4,292
34	28	97 695	14 599,566	235 877,008	16,156	15,689	84	78	28 663	261,683	1 173,155	4,483	4,016
35	29	97 593	13 791,297	221 277,442	16,045	15,577	85	79	25 020	216,000	911,472	4,220	3,752
36	30	97 483	13 026,723	207 486,145	15,928	15,460	86	80	21 492	175,456	695,472	3,964	3,496
37	31	97 370	12 304,080	194 459,422	15,804	15,337	87	81	18 104	139,763	520,015	3,721	3,253
38	32	97 248	11 620,513	182 155,343	15,675	15,208	88	82	14 911	108,850	380,252	3,493	3,026
39	33	97 106	10 972,695	170 534,830	15,542	15,074	89	83	11 999	82,831	271,402	3,277	2,809
40	34	96 959	10 360,370	159 562,135	15,401	14,934	90	84	9 365	61,135	188,571	3,084	2,617
41	35	96 794	9 780,316	149 201,766	15,255	14,788	91	85	7 159	44,192	127,435	2,884	2,416
42	36	96 623	9 232,186	139 421,450	15,102	14,634	92	86	5 254	30,672	83,244	2,714	2,246
43	37	96 429	8 712,705	130 189,264	14,942	14,475	93	87	3 730	20,587	52,572	2,554	2,086
44	38	96 206	8 219,883	121 476,560	14,778	14,311	94	88	2 545	13,286	31,985	2,407	1,940
45	39	95 961	7 753,157	113 256,676	14,608	14,140	95	89	1 668	8,231	18,699	2,272	1,804
46	40	95 685	7 310,512	105 503,519	14,432	13,964	96	90	1 041	4,858	10,467	2,155	1,687
47	41	95 381	6 891,044	98 193,007	14,249	13,782	97	91	622	2,746	5,609	2,042	1,575
48	42	95 030	6 492,335	91 301,963	14,063	13,595	98	92	352	1,467	2,863	1,951	1,484
49	43	94 641	6 114,187	84 809,628	13,871	13,403	99	93	190	0,750	1,396	1,862	1,394
							100	94	97	0,363	0,646	1,780	1,313

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß   5,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7	0	99 513	67 285,169	1 194 139,777	17,747	17,280
8	1	99 192	63 420,816	1 126 854,608	17,768	17,300
9	2	99 157	59 951,578	1 063 433,792	17,738	17,271
10	3	99 135	56 678,905	1 003 482,214	17,705	17,237
11	4	99 115	53 586,295	946 803,309	17,669	17,201
12	5	99 094	50 662,232	893 217,014	17,631	17,163
13	6	99 073	47 897,375	842 554,782	17,591	17,123
14	7	99 054	45 284,059	794 657,407	17,548	17,081
15	8	99 030	42 811,703	749 373,347	17,504	17,036
16	9	99 005	40 473,692	706 561,644	17,457	16,990
17	10	98 973	38 260,416	666 087,952	17,409	16,942
18	11	98 932	36 165,238	627 827,536	17,360	16,892
19	12	98 877	34 179,608	591 662,297	17,310	16,843
20	13	98 820	32 302,747	557 482,690	17,258	16,790
21	14	98 758	30 527,167	525 179,943	17,204	16,736
22	15	98 694	28 848,571	494 652,776	17,147	16,679
23	16	98 630	27 262,046	465 804,205	17,086	16,619
24	17	98 563	25 762,271	438 542,159	17,023	16,555
25	18	98 492	24 343,947	412 779,888	16,956	16,489
26	19	98 415	23 002,378	388 435,941	16,887	16,419
27	20	98 338	21 734,529	365 433,563	16,814	16,346
28	21	98 254	20 535,178	343 699,034	16,737	16,270
29	22	98 174	19 402,877	323 163,856	16,655	16,188
30	23	98 088	18 331,696	303 760,979	16,570	16,103
31	24	98 002	17 319,884	285 429,283	16,480	16,012
32	25	97 913	16 363,143	268 109,398	16,385	15,917
33	26	97 819	15 458,646	251 746,255	16,285	15,818
34	27	97 721	14 603,489	236 287,610	16,180	15,713
35	28	97 618	13 794,786	221 684,120	16,070	15,603
36	29	97 511	13 030,461	207 889,335	15,954	15,487
37	30	97 397	12 307,563	194 858,873	15,832	15,365
38	31	97 277	11 624,023	182 551,310	15,705	15,237
39	32	97 141	10 976,586	170 927,287	15,572	15,104
40	33	96 995	10 364,159	159 950,701	15,433	14,965
41	34	96 835	9 784,472	149 586,542	15,288	14,821
42	35	96 661	9 235,859	139 802,070	15,137	14,669
43	36	96 475	8 716,847	130 566,211	14,979	14,511
44	37	96 257	8 224,273	121 849,364	14,816	14,348
45	38	96 015	7 757,476	113 625,091	14,647	14,180
46	39	95 749	7 315,351	105 867,615	14,472	14,004
47	40	95 449	6 895,914	98 552,264	14,291	13,824
48	41	95 106	6 497,543	91 656,350	14,106	13,639
49	42	94 725	6 119,634	85 158,807	13,916	13,448
50	43	94 301	5 761,016	79 039,173	13,720	13,252
51	44	93 828	5 420,418	73 278,158	13,519	13,051
52	45	93 279	5 095,711	67 857,739	13,317	12,849
53	46	92 694	4 788,432	62 762,028	13,107	12,639
54	47	92 053	4 496,729	57 973,596	12,892	12,425
55	48	91 333	4 218,983	53 476,867	12,675	12,208
56	49	90 555	3 955,580	49 257,885	12,453	11,985
57	50	89 710	3 705,595	45 302,304	12,225	11,758
58	51	88 792	3 468,261	41 596,709	11,994	11,526
59	52	87 796	3 242,883	38 128,448	11,758	11,290
60	53	86 719	3 028,953	34 885,566	11,517	11,050
61	54	85 560	2 825,971	31 856,613	11,273	10,805
62	55	84 335	2 634,044	29 030,642	11,021	10,554
63	56	83 028	2 452,240	26 396,598	10,764	10,297
64	57	81 669	2 280,948	23 944,357	10,498	10,030
65	58	80 196	2 118,022	21 663,410	10,228	9,761
66	59	78 640	1 963,993	19 545,388	9,952	9,484
67	60	76 974	1 817,859	17 581,395	9,671	9,204
68	61	75 190	1 679,180	15 763,536	9,388	8,920
69	62	73 327	1 548,522	14 084,356	9,095	8,628
70	63	71 338	1 424,613	12 535,834	8,799	8,332
71	64	69 244	1 307,610	11 111,221	8,497	8,030
72	65	67 022	1 196,825	9 803,612	8,191	7,724
73	66	64 696	1 092,470	8 606,786	7,878	7,411
74	67	62 228	993,659	7 514,316	7,562	7,095
75	68	59 571	899,517	6 520,657	7,249	6,781
76	69	56 784	810,812	5 621,140	6,933	6,465
77	70	53 843	727,011	4 810,329	6,617	6,149
78	71	50 730	647,739	4 083,318	6,304	5,836
79	72	47 432	572,695	3 435,580	5,999	5,531
80	73	43 994	502,303	2 862,885	5,700	5,232
81	74	40 463	436,870	2 360,582	5,403	4,936
82	75	36 818	375,892	1 923,711	5,118	4,650
83	76	33 133	319,886	1 547,819	4,839	4,371
84	77	29 481	269,145	1 227,933	4,562	4,095
85	78	25 849	223,157	958,788	4,296	3,829
86	79	22 302	182,066	735,631	4,040	3,573
87	80	18 894	145,855	553,565	3,795	3,328
88	81	15 656	114,289	407,710	3,567	3,100
89	82	12 699	87,666	293,421	3,347	2,879
90	83	9 992	65,226	205,755	3,154	2,687
91	84	7 717	47,637	140,529	2,950	2,482
92	85	5 729	33,439	92,892	2,778	2,310
93	86	4 118	22,729	59,454	2,616	2,148
94	87	2 854	14,899	36,725	2,465	1,997
95	88	1 900	9,378	21,825	2,327	1,860
96	89	1 212	5,659	12,447	2,199	1,732
97	90	736	3,249	6,788	2,089	1,622
98	91	427	1,784	3,539	1,983	1,516
99	92	234	0,925	1,755	1,898	1,430
100	93	123	0,458	0,830	1,813	1,346

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß   5,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8	0	99 505	63 621,395	1 127 543,988	17,723	17,255
9	1	99 183	59 967,408	1 063 922,593	17,742	17,274
10	2	99 149	56 687,348	1 003 955,185	17,710	17,243
11	3	99 126	53 592,283	947 267,838	17,675	17,208
12	4	99 106	50 668,271	893 675,555	17,638	17,170
13	5	99 083	47 902,217	843 007,284	17,599	17,131
14	6	99 062	45 288,003	795 105,067	17,557	17,089
15	7	99 039	42 815,378	749 817,064	17,513	17,045
16	8	99 013	40 476,673	707 001,686	17,467	16,999
17	9	98 980	38 263,056	666 525,013	17,420	16,952
18	10	98 939	36 167,805	628 261,957	17,371	16,903
19	11	98 885	34 182,341	592 094,152	17,322	16,854
20	12	98 828	32 305,347	557 911,810	17,270	16,802
21	13	98 767	30 529,902	525 606,463	17,216	16,749
22	14	98 705	28 851,698	495 076,561	17,159	16,692
23	15	98 642	27 265,476	466 224,864	17,099	16,632
24	16	98 578	25 766,236	438 959,387	17,036	16,569
25	17	98 508	24 347,854	413 193,152	16,970	16,503
26	18	98 438	23 007,633	388 845,298	16,901	16,433
27	19	98 358	21 739,019	365 837,665	16,829	16,361
28	20	98 276	20 539,737	344 098,645	16,753	16,285
29	21	98 195	19 406,939	323 558,908	16,672	16,205
30	22	98 110	18 335,809	304 151,969	16,588	16,120
31	23	98 025	17 323,844	285 816,160	16,498	16,031
32	24	97 932	16 366,451	268 492,316	16,405	15,937
33	25	97 841	15 462,047	252 125,864	16,306	15,839
34	26	97 744	14 606,946	236 663,817	16,202	15,735
35	27	97 644	13 798,493	222 056,871	16,093	15,625
36	28	97 536	13 033,757	208 258,378	15,978	15,511
37	29	97 425	12 311,095	195 224,621	15,858	15,390
38	30	97 305	11 627,314	182 913,526	15,731	15,264
39	31	97 170	10 979,902	171 286,212	15,600	15,132
40	32	97 029	10 367,834	160 306,310	15,462	14,994
41	33	96 871	9 788,051	149 938,475	15,319	14,851
42	34	96 702	9 239,784	140 150,425	15,168	14,701
43	35	96 514	8 720,316	130 910,641	15,012	14,545
44	36	96 303	8 228,183	122 190,325	14,850	14,383
45	37	96 066	7 761,618	113 962,142	14,683	14,215
46	38	95 802	7 319,426	106 200,524	14,509	14,042
47	39	95 512	6 900,479	98 881,098	14,330	13,862
48	40	95 173	6 502,135	91 980,619	14,146	13,679
49	41	94 801	6 124,542	85 478,484	13,957	13,489
50	42	94 385	5 766,148	79 353,942	13,762	13,294
51	43	93 924	5 425,974	73 587,793	13,562	13,095
52	44	93 384	5 101,441	68 161,819	13,361	12,894
53	45	92 812	4 794,517	63 060,378	13,153	12,685
54	46	92 183	4 503,074	58 265,861	12,939	12,472
55	47	91 483	4 225,892	53 762,787	12,722	12,255
56	48	90 715	3 962,588	49 536,894	12,501	12,034
57	49	89 895	3 713,236	45 574,306	12,273	11,806
58	50	88 988	3 475,918	41 861,070	12,043	11,576
59	51	88 011	3 250,837	38 385,152	11,808	11,340
60	52	86 958	3 037,291	35 134,316	11,568	11,100
61	53	85 818	2 834,493	32 097,024	11,324	10,856
62	54	84 605	2 642,476	29 262,531	11,074	10,606
63	55	83 324	2 460,960	26 620,055	10,817	10,349
64	56	81 979	2 289,585	24 159,095	10,552	10,084
65	57	80 518	2 126,521	21 869,510	10,284	9,817
66	58	78 989	1 972,697	19 742,989	10,008	9,541
67	59	77 339	1 826,483	17 770,292	9,729	9,262
68	60	75 598	1 688,279	15 943,809	9,444	8,976
69	61	73 751	1 557,472	14 255,530	9,153	8,685
70	62	71 791	1 433,656	12 698,058	8,857	8,390
71	63	69 714	1 316,480	11 264,402	8,556	8,089
72	64	67 518	1 205,686	9 947,922	8,251	7,783
73	65	65 205	1 101,070	8 742,236	7,940	7,472
74	66	62 765	1 002,232	7 641,166	7,624	7,157
75	67	60 120	907,807	6 638,934	7,313	6,846
76	68	57 341	818,762	5 731,127	7,000	6,532
77	69	54 421	734,816	4 912,365	6,685	6,218
78	70	51 326	655,344	4 177,549	6,375	5,907
79	71	48 051	580,165	3 522,205	6,071	5,603
80	72	44 641	509,682	2 942,040	5,772	5,305
81	73	41 132	444,092	2 432,357	5,477	5,010
82	74	37 516	383,019	1 988,265	5,191	4,723
83	75	33 860	326,901	1 605,246	4,910	4,443
84	76	30 221	275,903	1 278,345	4,633	4,166
85	77	26 586	229,520	1 002,443	4,368	3,900
86	78	23 041	188,098	772,923	4,109	3,642
87	79	19 605	151,350	584,824	3,864	3,396
88	80	16 338	119,270	433,475	3,634	3,167
89	81	13 334	92,046	314,204	3,414	2,946
90	82	10 575	69,033	222,158	3,218	2,751
91	83	8 233	50,824	153,126	3,013	2,545
92	84	6 175	36,045	102,302	2,838	2,371
93	85	4 489	24,779	66,256	2,674	2,206
94	86	3 151	16,449	41,477	2,521	2,054
95	87	2 131	10,517	25,027	2,380	1,912
96	88	1 381	6,448	14,510	2,250	1,783
97	89	858	3,785	8,062	2,130	1,663
98	90	506	2,111	4,278	2,026	1,559
99	91	285	1,124	2,167	1,927	1,459
100	92	151	0,565	1,042	1,846	1,379

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß   5,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	41	94 461	5 770,774	79 642,010	13,801	13,333
1							51	42	94 008	5 430,808	73 871,236	13,602	13,135
2							52	43	93 480	5 106,670	68 440,428	13,402	12,935
3							53	44	92 917	4 799,908	63 333,758	13,195	12,727
4							54	45	92 300	4 508,797	58 533,850	12,982	12,515
5							55	46	91 612	4 231,856	54 025,053	12,766	12,299
6							56	47	90 864	3 969,078	49 793,197	12,545	12,078
7							57	48	90 054	3 719,814	45 824,120	12,319	11,851
8							58	49	89 171	3 483,085	42 104,305	12,088	11,621
9	0	99 497	60 157,064	1 064 560,116	17,696	17,229	59	50	88 205	3 258,014	38 621,220	11,854	11,387
10	1	99 176	56 702,315	1 004 403,052	17,714	17,246	60	51	87 171	3 044,741	35 363,206	11,615	11,147
11	2	99 140	53 600,266	947 700,736	17,681	17,213	61	52	86 054	2 842,296	32 318,465	11,371	10,903
12	3	99 117	50 673,933	894 100,470	17,644	17,177	62	53	84 860	2 650,445	29 476,169	11,121	10,654
13	4	99 095	47 907,927	843 426,537	17,605	17,138	63	54	83 590	2 468,839	26 825,724	10,866	10,398
14	5	99 072	45 292,581	795 518,611	17,564	17,096	64	55	82 270	2 297,726	24 356,885	10,600	10,133
15	6	99 047	42 819,107	750 226,030	17,521	17,053	65	56	80 823	2 134,573	22 059,159	10,334	9,867
16	7	99 021	40 480,147	707 406,922	17,475	17,008	66	57	79 306	1 980,612	19 924,586	10,060	9,592
17	8	98 987	38 265,874	666 926,775	17,429	16,961	67	58	77 682	1 834,578	17 943,974	9,781	9,313
18	9	98 946	36 170,300	628 660,901	17,381	16,913	68	59	75 957	1 696,289	16 109,396	9,497	9,029
19	10	98 892	34 184,767	592 490,601	17,332	16,864	69	60	74 150	1 565,911	14 413,107	9,204	8,737
20	11	98 836	32 307,931	558 305,834	17,281	16,813	70	61	72 206	1 441,943	12 847,196	8,910	8,442
21	12	98 775	30 532,360	525 997,903	17,228	16,760	71	62	70 157	1 324,836	11 405,253	8,609	8,141
22	13	98 714	28 854,282	495 465,543	17,171	16,704	72	63	67 976	1 213,865	10 080,417	8,304	7,837
23	14	98 653	27 268,432	466 611,261	17,112	16,644	73	64	65 688	1 109,222	8 866,551	7,993	7,526
24	15	98 590	25 769,477	439 342,829	17,049	16,581	74	65	63 259	1 010,121	7 757,330	7,680	7,212
25	16	98 523	24 351,601	413 573,352	16,983	16,516	75	66	60 639	915,640	6 747,208	7,369	6,901
26	17	98 454	23 011,326	389 221,751	16,914	16,447	76	67	57 870	826,308	5 831,569	7,057	6,590
27	18	98 381	21 743,986	366 210,425	16,842	16,374	77	68	54 955	742,021	5 005,260	6,745	6,278
28	19	98 296	20 543,981	344 466,439	16,767	16,300	78	69	51 877	662,379	4 263,239	6,436	5,969
29	20	98 216	19 411,248	323 922,458	16,687	16,220	79	70	48 615	586,977	3 600,860	6,135	5,667
30	21	98 130	18 339,647	304 511,210	16,604	16,136	80	71	45 223	516,331	3 013,883	5,837	5,370
31	22	98 047	17 327,732	286 171,563	16,515	16,048	81	72	41 737	450,616	2 497,552	5,543	5,075
32	23	97 955	16 370,193	268 843,832	16,423	15,955	82	73	38 136	389,351	2 046,936	5,257	4,790
33	24	97 860	15 465,173	252 473,638	16,325	15,858	83	74	34 502	333,099	1 657,585	4,976	4,509
34	25	97 766	14 610,160	237 008,465	16,222	15,755	84	75	30 884	281,953	1 324,486	4,698	4,230
35	26	97 667	13 801,759	222 398,305	16,114	15,646	85	76	27 253	235,283	1 042,533	4,431	3,963
36	27	97 562	13 037,260	208 596,546	16,000	15,532	86	77	23 698	193,462	807,251	4,173	3,705
37	28	97 450	12 314,209	195 559,286	15,881	15,413	87	78	20 255	156,364	613,789	3,925	3,458
38	29	97 333	11 630,651	183 245,077	15,755	15,288	88	79	16 954	123,764	457,425	3,696	3,228
39	30	97 198	10 983,011	171 614,426	15,625	15,158	89	80	13 915	96,058	333,661	3,474	3,006
40	31	97 059	10 370,967	160 631,415	15,489	15,021	90	81	11 104	72,482	237,603	3,278	2,811
41	32	96 905	9 791,521	150 260,449	15,346	14,878	91	82	8 714	53,790	165,121	3,070	2,602
42	33	96 738	9 243,164	140 468,927	15,197	14,729	92	83	6 588	38,457	111,331	2,895	2,427
43	34	96 555	8 724,022	131 225,764	15,042	14,574	93	84	4 839	26,711	72,874	2,728	2,261
44	35	96 341	8 231,457	122 501,742	14,882	14,415	94	85	3 436	17,933	46,163	2,574	2,107
45	36	96 112	7 765,308	114 270,285	14,715	14,248	95	86	2 352	11,611	28,229	2,431	1,964
46	37	95 853	7 323,334	106 504,977	14,543	14,076	96	87	1 549	7,231	16,618	2,298	1,831
47	38	95 565	6 904,323	99 181,643	14,365	13,898	97	88	977	4,312	9,387	2,177	1,709
48	39	95 236	6 506,439	92 277,320	14,182	13,715	98	89	589	2,459	5,075	2,064	1,596
49	40	94 868	6 128,871	85 770,880	13,995	13,527	99	90	337	1,330	2,616	1,967	1,499
							100	91	184	0,687	1,286	1,873	1,405

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß 5,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10	0	99 489	56 881,645	1 004 992,685	17,668	17,201
11	1	99 167	53 614,419	948 111,040	17,684	17,216
12	2	99 132	50 681,481	894 496,621	17,649	17,182
13	3	99 106	47 913,280	843 815,140	17,611	17,144
14	4	99 084	45 297,980	795 901,860	17,570	17,103
15	5	99 057	42 823,436	750 603,880	17,528	17,060
16	6	99 030	40 483,673	707 780,444	17,483	17,016
17	7	98 995	38 269,158	667 296,771	17,437	16,969
18	8	98 953	36 172,964	629 027,613	17,389	16,922
19	9	98 899	34 187,126	592 854,649	17,341	16,874
20	10	98 843	32 310,224	558 667,523	17,291	16,823
21	11	98 783	30 534,802	526 357,299	17,238	16,770
22	12	98 722	28 856,605	495 822,498	17,182	16,715
23	13	98 661	27 270,874	466 965,892	17,123	16,656
24	14	98 601	25 772,271	439 695,018	17,061	16,593
25	15	98 535	24 354,664	413 922,747	16,996	16,528
26	16	98 469	23 014,867	389 568,083	16,927	16,459
27	17	98 396	21 747,476	366 553,216	16,855	16,387
28	18	98 318	20 548,674	344 805,740	16,780	16,312
29	19	98 237	19 415,258	324 257,066	16,701	16,234
30	20	98 152	18 343,719	304 841,808	16,618	16,151
31	21	98 067	17 331,359	286 498,088	16,531	16,063
32	22	97 977	16 373,867	269 166,729	16,439	15,971
33	23	97 883	15 468,709	252 792,863	16,342	15,875
34	24	97 786	14 613,114	237 324,154	16,240	15,773
35	25	97 688	13 804,796	222 711,040	16,133	15,665
36	26	97 585	13 040,346	208 906,244	16,020	15,552
37	27	97 476	12 317,518	195 865,898	15,901	15,434
38	28	97 357	11 633,593	183 548,380	15,777	15,310
39	29	97 226	10 986,163	171 914,787	15,648	15,181
40	30	97 086	10 373,903	160 928,624	15,513	15,045
41	31	96 934	9 794,480	150 554,721	15,371	14,904
42	32	96 772	9 246,441	140 760,242	15,223	14,756
43	33	96 590	8 727,213	131 513,801	15,069	14,602
44	34	96 382	8 234,955	122 786,588	14,910	14,443
45	35	96 150	7 768,398	114 551,633	14,746	14,278
46	36	95 899	7 326,816	106 783,235	14,574	14,107
47	37	95 616	6 908,010	99 456,419	14,397	13,930
48	38	95 289	6 510,064	92 548,409	14,216	13,749
49	39	94 931	6 132,928	86 038,346	14,029	13,561
50	40	94 528	5 774,852	79 905,418	13,837	13,369
51	41	94 083	5 435,164	74 130,566	13,639	13,171
52	42	93 563	5 111,219	68 695,402	13,440	12,973
53	43	93 012	4 804,828	63 584,182	13,233	12,766
54	44	92 404	4 513,867	58 779,354	13,022	12,554
55	45	91 728	4 237,234	54 265,487	12,807	12,339
56	46	90 992	3 974,678	50 028,254	12,587	12,119
57	47	90 201	3 725,907	46 053,575	12,360	11,893
58	48	89 329	3 489,256	42 327,669	12,131	11,663
59	49	88 387	3 264,732	38 838,413	11,896	11,429
60	50	87 364	3 051,464	35 573,681	11,658	11,190
61	51	86 265	2 849,268	32 522,218	11,414	10,947
62	52	85 093	2 657,742	29 672,950	11,165	10,697
63	53	83 842	2 476,284	27 015,208	10,910	10,442
64	54	82 534	2 305,082	24 538,925	10,646	10,178
65	55	81 110	2 142,163	22 233,843	10,379	9,912
66	56	79 606	1 988,112	20 091,680	10,106	9,638
67	57	77 994	1 841,939	18 103,568	9,829	9,361
68	58	76 293	1 703,807	16 261,628	9,544	9,077
69	59	74 502	1 573,341	14 557,822	9,253	8,785
70	60	72 597	1 449,756	12 984,481	8,956	8,489
71	61	70 562	1 332,494	11 534,725	8,656	8,189
72	62	68 408	1 221,570	10 202,231	8,352	7,884
73	63	66 134	1 116,746	8 980,661	8,042	7,574
74	64	63 727	1 017,600	7 863,915	7,728	7,260
75	65	61 116	922,847	6 846,315	7,419	6,951
76	66	58 369	833,438	5 923,468	7,107	6,640
77	67	55 461	748,860	5 090,030	6,797	6,329
78	68	52 386	668,874	4 341,170	6,490	6,023
79	69	49 137	593,279	3 672,296	6,190	5,722
80	70	45 754	522,394	3 079,017	5,894	5,426
81	71	42 281	456,494	2 556,623	5,601	5,133
82	72	38 696	395,070	2 100,129	5,316	4,848
83	73	35 072	338,605	1 705,059	5,036	4,568
84	74	31 469	287,299	1 366,454	4,756	4,289
85	75	27 851	240,442	1 079,155	4,488	4,021
86	76	24 293	198,319	838,713	4,229	3,762
87	77	20 832	160,823	640,394	3,982	3,514
88	78	17 515	127,864	479,571	3,751	3,283
89	79	14 439	99,677	351,707	3,528	3,061
90	80	11 588	75,641	252,030	3,332	2,864
91	81	9 149	56,478	176,389	3,123	2,656
92	82	6 973	40,702	119,911	2,946	2,479
93	83	5 163	28,498	79,209	2,779	2,312
94	84	3 704	19,331	50,711	2,623	2,156
95	85	2 565	12,659	31,380	2,479	2,011
96	86	1 710	7,983	18,721	2,345	1,878
97	87	1 096	4,836	10,738	2,221	1,753
98	88	671	2,801	5,902	2,107	1,639
99	89	393	1,550	3,101	2,001	1,533
100	90	218	0,812	1,551	1,910	1,442

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß   5,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11	0	99 480	53 783,983	948 656,467	17,638	17,171
12	1	99 158	50 694,863	894 872,484	17,652	17,185
13	2	99 121	47 920,417	844 177,621	17,616	17,149
14	3	99 095	45 303,042	796 257,204	17,576	17,109
15	4	99 069	42 828,540	750 954,162	17,534	17,066
16	5	99 040	40 487,765	708 125,622	17,490	17,022
17	6	99 004	38 272,491	667 637,857	17,444	16,977
18	7	98 962	36 176,069	629 365,365	17,397	16,930
19	8	98 906	34 189,644	593 189,296	17,350	16,882
20	9	98 850	32 312,453	558 999,653	17,300	16,832
21	10	98 790	30 536,969	526 687,200	17,248	16,780
22	11	98 730	28 858,913	496 150,231	17,192	16,725
23	12	98 669	27 273,070	467 291,318	17,134	16,666
24	13	98 610	25 774,579	440 018,248	17,072	16,604
25	14	98 546	24 357,304	414 243,668	17,007	16,539
26	15	98 481	23 017,763	389 886,364	16,938	16,471
27	16	98 411	21 750,823	366 868,601	16,867	16,399
28	17	98 334	20 551,972	345 117,779	16,792	16,325
29	18	98 259	19 419,694	324 565,807	16,713	16,246
30	19	98 172	18 347,509	305 146,113	16,631	16,164
31	20	98 089	17 335,207	286 798,604	16,544	16,077
32	21	97 997	16 377,294	269 463,397	16,453	15,986
33	22	97 905	15 472,180	253 086,103	16,357	15,890
34	23	97 808	14 616,455	237 613,923	16,257	15,789
35	24	97 708	13 807,587	222 997,468	16,150	15,683
36	25	97 606	13 043,215	209 189,881	16,038	15,571
37	26	97 499	12 320,434	196 146,666	15,920	15,453
38	27	97 383	11 636,719	183 826,232	15,797	15,330
39	28	97 250	10 988,942	172 189,513	15,669	15,202
40	29	97 114	10 376,880	161 200,571	15,535	15,067
41	30	96 962	9 797,253	150 823,691	15,394	14,927
42	31	96 801	9 249,235	141 026,438	15,247	14,780
43	32	96 624	8 730,307	131 777,204	15,094	14,627
44	33	96 418	8 237,967	123 046,896	14,937	14,469
45	34	96 191	7 771,699	114 808,930	14,773	14,305
46	35	95 937	7 329,732	107 037,230	14,603	14,136
47	36	95 661	6 911,294	99 707,498	14,427	13,959
48	37	95 340	6 513,540	92 796,205	14,247	13,779
49	38	94 983	6 136,344	86 282,665	14,061	13,593
50	39	94 590	5 778,675	80 146,321	13,869	13,402
51	40	94 150	5 439,005	74 367,646	13,673	13,205
52	41	93 638	5 115,319	68 928,641	13,475	13,007
53	42	93 095	4 809,109	63 813,321	13,269	12,802
54	43	92 498	4 518,493	59 004,213	13,058	12,591
55	44	91 831	4 241,998	54 485,719	12,844	12,377
56	45	91 108	3 979,730	50 243,721	12,625	12,157
57	46	90 329	3 731,164	46 263,991	12,399	11,932
58	47	89 476	3 494,970	42 532,827	12,170	11,702
59	48	88 544	3 270,516	39 037,857	11,936	11,469
60	49	87 544	3 057,755	35 767,342	11,697	11,230
61	50	86 456	2 855,559	32 709,586	11,455	10,987
62	51	85 302	2 664,260	29 854,027	11,205	10,738
63	52	84 073	2 483,101	27 189,767	10,950	10,482
64	53	82 782	2 312,033	24 706,666	10,686	10,219
65	54	81 370	2 149,021	22 394,633	10,421	9,953
66	55	79 889	1 995,181	20 245,612	10,147	9,680
67	56	78 289	1 848,914	18 250,431	9,871	9,403
68	57	76 599	1 710,643	16 401,517	9,588	9,120
69	58	74 832	1 580,313	14 690,874	9,296	8,829
70	59	72 942	1 456,634	13 110,560	9,001	8,533
71	60	70 945	1 339,714	11 653,926	8,699	8,231
72	61	68 803	1 228,631	10 314,212	8,395	7,927
73	62	66 553	1 123,835	9 085,581	8,084	7,617
74	63	64 160	1 024,503	7 961,746	7,771	7,304
75	64	61 569	929,680	6 937,243	7,462	6,994
76	65	58 828	839,998	6 007,564	7,152	6,684
77	66	55 940	755,321	5 167,566	6,842	6,374
78	67	52 869	675,039	4 412,245	6,536	6,069
79	68	49 619	599,096	3 737,206	6,238	5,770
80	69	46 245	528,002	3 138,109	5,943	5,476
81	70	42 777	461,854	2 610,107	5,651	5,184
82	71	39 201	400,224	2 148,254	5,368	4,900
83	72	35 588	343,579	1 748,029	5,088	4,620
84	73	31 989	292,048	1 404,450	4,809	4,341
85	74	28 379	245,001	1 112,402	4,540	4,073
86	75	24 825	202,668	867,402	4,280	3,812
87	76	21 355	164,861	664,734	4,032	3,565
88	77	18 015	131,510	499,873	3,801	3,333
89	78	14 918	102,979	368,363	3,577	3,109
90	79	12 024	78,491	265,384	3,381	2,913
91	80	9 548	58,940	186,893	3,171	2,703
92	81	7 321	42,735	127,953	2,994	2,527
93	82	5 464	30,161	85,218	2,825	2,358
94	83	3 951	20,625	55,056	2,669	2,202
95	84	2 765	13,645	34,431	2,523	2,056
96	85	1 865	8,703	20,786	2,388	1,921
97	86	1 210	5,339	12,083	2,263	1,796
98	87	753	3,142	6,744	2,147	1,679
99	88	447	1,766	3,602	2,040	1,573
100	89	254	0,946	1,836	1,941	1,473

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß   5,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	38	94 643	5 781,894	80 366,336	13,900	13,432
1							51	39	94 212	5 442,606	74 584,442	13,704	13,236
2							52	40	93 704	5 118,934	69 141,836	13,507	13,039
3							53	41	93 169	4 812,966	64 022,902	13,302	12,835
4							54	42	92 581	4 522,519	59 209,936	13,092	12,625
5							55	43	91 926	4 246,346	54 687,417	12,879	12,411
6							56	44	91 210	3 984,204	50 441,071	12,660	12,193
7							57	45	90 443	3 735,906	46 456,866	12,435	11,968
8							58	46	89 602	3 499,902	42 720,960	12,206	11,739
9							59	47	88 689	3 275,872	39 221,058	11,973	11,505
10							60	48	87 699	3 063,172	35 945,187	11,735	11,267
11							61	49	86 634	2 861,447	32 882,014	11,491	11,024
12	0	99 472	50 855,193	895 377,116	17,606	17,139	62	50	85 490	2 670,143	30 020,568	11,243	10,775
13	1	99 147	47 933,070	844 521,923	17,619	17,151	63	51	84 280	2 489,191	27 350,425	10,988	10,520
14	2	99 110	45 309,790	796 588,853	17,581	17,113	64	52	83 010	2 318,398	24 861,233	10,723	10,256
15	3	99 080	42 833,326	751 279,062	17,540	17,072	65	53	81 616	2 155,501	22 542,835	10,458	9,991
16	4	99 052	40 492,591	708 445,737	17,496	17,028	66	54	80 145	2 001,569	20 387,334	10,186	9,718
17	5	99 014	38 276,360	667 953,145	17,451	16,983	67	55	78 568	1 855,488	18 385,765	9,909	9,441
18	6	98 971	36 179,220	629 676,785	17,404	16,937	68	56	76 889	1 717,121	16 530,277	9,627	9,159
19	7	98 914	34 192,578	593 497,565	17,357	16,890	69	57	75 133	1 586,655	14 813,156	9,336	8,869
20	8	98 857	32 314,833	559 304,987	17,308	16,840	70	58	73 265	1 463,090	13 226,502	9,040	8,573
21	9	98 797	30 539,076	526 990,154	17,256	16,789	71	59	71 281	1 346,070	11 763,412	8,739	8,272
22	10	98 737	28 860,961	496 451,079	17,201	16,734	72	60	69 176	1 235,288	10 417,342	8,433	7,966
23	11	98 677	27 275,251	467 590,117	17,143	16,676	73	61	66 938	1 130,331	9 182,053	8,123	7,656
24	12	98 618	25 776,654	440 314,866	17,082	16,614	74	62	64 567	1 031,006	8 051,723	7,810	7,342
25	13	98 555	24 359,486	414 538,212	17,018	16,550	75	63	61 987	935,986	7 020,717	7,501	7,033
26	14	98 492	23 020,258	390 178,726	16,949	16,482	76	64	59 264	846,217	6 084,731	7,191	6,723
27	15	98 424	21 753,559	367 158,468	16,878	16,411	77	65	56 380	761,266	5 238,513	6,881	6,414
28	16	98 349	20 555,135	345 404,909	16,804	16,336	78	66	53 325	680,863	4 477,247	6,576	6,108
29	17	98 275	19 422,811	324 849,774	16,725	16,258	79	67	50 076	604,618	3 796,384	6,279	5,811
30	18	98 195	18 351,701	305 426,963	16,643	16,175	80	68	46 699	533,179	3 191,766	5,986	5,519
31	19	98 109	17 338,788	287 075,262	16,557	16,089	81	69	43 237	466,812	2 658,586	5,695	5,228
32	20	98 019	16 380,931	269 736,474	16,466	15,999	82	70	39 661	404,923	2 191,774	5,413	4,945
33	21	97 925	15 475,419	253 355,544	16,371	15,904	83	71	36 052	348,061	1 786,851	5,134	4,666
34	22	97 830	14 619,735	237 880,125	16,271	15,804	84	72	32 459	296,338	1 438,790	4,855	4,388
35	23	97 731	13 810,744	223 260,390	16,166	15,698	85	73	28 848	249,051	1 142,452	4,587	4,120
36	24	97 626	13 045,852	209 449,647	16,055	15,587	86	74	25 296	206,511	893,401	4,326	3,859
37	25	97 520	12 323,145	196 403,795	15,938	15,470	87	75	21 824	168,476	686,890	4,077	3,610
38	26	97 406	11 639,474	184 080,650	15,815	15,348	88	76	18 467	134,812	518,415	3,845	3,378
39	27	97 276	10 991,894	172 441,176	15,688	15,220	89	77	15 343	105,916	383,603	3,622	3,154
40	28	97 139	10 379,505	161 449,281	15,555	15,087	90	78	12 423	81,091	277,687	3,424	2,957
41	29	96 989	9 800,064	151 069,776	15,415	14,948	91	79	9 908	61,160	196,595	3,214	2,747
42	30	96 829	9 251,853	141 269,712	15,269	14,802	92	80	7 640	44,598	135,435	3,037	2,569
43	31	96 653	8 732,945	132 017,859	15,117	14,650	93	81	5 737	31,669	90,837	2,868	2,401
44	32	96 452	8 240,888	123 284,914	14,960	14,493	94	82	4 182	21,829	59,169	2,711	2,243
45	33	96 226	7 774,542	115 044,026	14,798	14,330	95	83	2 950	14,558	37,340	2,565	2,097
46	34	95 978	7 332,847	107 269,484	14,629	14,161	96	84	2 010	9,382	22,782	2,428	1,961
47	35	95 700	6 914,044	99 936,637	14,454	13,987	97	85	1 319	5,821	13,400	2,302	1,835
48	36	95 385	6 516,637	93 022,593	14,275	13,807	98	86	831	3,468	7,580	2,185	1,718
49	37	95 034	6 139,621	86 505,957	14,090	13,622	99	87	502	1,980	4,111	2,076	1,609
							100	88	289	1,078	2,131	1,977	1,509

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß   5,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$\ddot{a}^{(12)}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$\ddot{a}^{(12)}_{xy}$
0							50	37	94 694	5 784,981	80 567,395	13,927	13,459
1							51	38	94 264	5 445,637	74 782,414	13,733	13,265
2							52	39	93 766	5 122,323	69 336,776	13,536	13,069
3							53	40	93 235	4 816,368	64 214,453	13,333	12,865
4							54	41	92 655	4 526,147	59 398,085	13,123	12,656
5							55	42	92 007	4 250,129	54 871,939	12,911	12,443
6							56	43	91 304	3 988,288	50 621,810	12,693	12,225
7							57	44	90 545	3 740,107	46 633,522	12,469	12,001
8							58	45	89 716	3 504,350	42 893,415	12,240	11,772
9							59	46	88 814	3 280,495	39 389,065	12,007	11,539
10							60	47	87 843	3 068,189	36 108,571	11,769	11,301
11							61	48	86 788	2 866,516	33 040,381	11,526	11,059
12							62	49	85 667	2 675,648	30 173,866	11,277	10,810
13	0	99 461	48 084,666	844 988,909	17,573	17,105	63	50	84 466	2 494,687	27 498,217	11,023	10,555
14	1	99 136	45 321,754	796 904,244	17,583	17,116	64	51	83 214	2 324,085	25 003,530	10,758	10,291
15	2	99 095	42 839,706	751 582,490	17,544	17,076	65	52	81 840	2 161,435	22 679,446	10,493	10,025
16	3	99 063	40 497,116	708 742,784	17,501	17,033	66	53	80 386	2 007,605	20 518,010	10,220	9,753
17	4	99 026	38 280,922	668 245,667	17,456	16,989	67	54	78 819	1 861,428	18 510,406	9,944	9,477
18	5	98 981	36 182,877	629 964,745	17,411	16,943	68	55	77 163	1 723,226	16 648,977	9,662	9,194
19	6	98 923	34 195,556	593 781,868	17,364	16,897	69	56	75 417	1 592,662	14 925,751	9,372	8,904
20	7	98 866	32 317,606	559 586,312	17,315	16,848	70	57	73 559	1 468,961	13 333,088	9,077	8,609
21	8	98 804	30 541,325	527 268,705	17,264	16,797	71	58	71 597	1 352,036	11 864,128	8,775	8,307
22	9	98 744	28 862,952	496 727,380	17,210	16,742	72	59	69 504	1 241,149	10 512,092	8,470	8,002
23	10	98 684	27 277,187	467 864,428	17,152	16,685	73	60	67 301	1 136,455	9 270,943	8,158	7,690
24	11	98 626	25 778,716	440 587,241	17,091	16,624	74	61	64 940	1 036,965	8 134,487	7,845	7,377
25	12	98 563	24 361,447	414 808,525	17,027	16,560	75	62	62 380	941,928	7 097,522	7,535	7,068
26	13	98 501	23 022,320	390 447,078	16,960	16,492	76	63	59 666	851,958	6 155,595	7,225	6,758
27	14	98 435	21 755,917	367 424,757	16,888	16,421	77	64	56 798	766,903	5 303,637	6,916	6,448
28	15	98 362	20 557,721	345 668,840	16,815	16,347	78	65	53 745	686,223	4 536,734	6,611	6,144
29	16	98 290	19 425,800	325 111,119	16,736	16,268	79	66	50 508	609,835	3 850,512	6,314	5,846
30	17	98 210	18 354,646	305 685,320	16,654	16,187	80	67	47 129	538,093	3 240,677	6,023	5,555
31	18	98 132	17 342,749	287 330,674	16,568	16,100	81	68	43 661	471,390	2 702,584	5,733	5,266
32	19	98 039	16 384,315	269 987,924	16,478	16,011	82	69	40 087	409,270	2 231,194	5,452	4,984
33	20	97 947	15 478,855	253 603,610	16,384	15,916	83	70	36 475	352,148	1 821,924	5,174	4,706
34	21	97 851	14 622,795	238 124,755	16,284	15,817	84	71	32 883	300,204	1 469,776	4,896	4,428
35	22	97 752	13 813,843	223 501,960	16,180	15,712	85	72	29 272	252,709	1 169,572	4,628	4,161
36	23	97 648	13 048,835	209 688,117	16,069	15,602	86	73	25 714	209,924	916,863	4,368	3,900
37	24	97 540	12 325,637	196 639,283	15,954	15,486	87	74	22 238	171,670	706,938	4,118	3,650
38	25	97 428	11 642,035	184 313,646	15,832	15,364	88	75	18 872	137,768	535,268	3,885	3,418
39	26	97 299	10 994,497	172 671,611	15,705	15,238	89	76	15 728	108,575	397,500	3,661	3,193
40	27	97 165	10 382,294	161 677,114	15,572	15,105	90	77	12 777	83,404	288,925	3,464	2,997
41	28	97 014	9 802,543	151 294,821	15,434	14,967	91	78	10 236	63,186	205,522	3,253	2,785
42	29	96 857	9 254,509	141 492,277	15,289	14,821	92	79	7 928	46,278	142,335	3,076	2,608
43	30	96 681	8 735,417	132 237,769	15,138	14,671	93	80	5 987	33,049	96,057	2,907	2,439
44	31	96 481	8 243,378	123 502,352	14,982	14,514	94	81	4 391	22,919	63,008	2,749	2,282
45	32	96 260	7 777,299	115 258,974	14,820	14,352	95	82	3 122	15,408	40,089	2,602	2,134
46	33	96 013	7 335,529	107 481,675	14,652	14,185	96	83	2 144	10,009	24,681	2,466	1,998
47	34	95 740	6 916,982	100 146,146	14,478	14,011	97	84	1 422	6,274	14,671	2,338	1,871
48	35	95 423	6 519,230	93 229,164	14,301	13,833	98	85	906	3,781	8,397	2,221	1,753
49	36	95 079	6 142,540	86 709,935	14,116	13,649	99	86	554	2,186	4,616	2,111	1,644
							100	87	324	1,209	2,430	2,010	1,542

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß   5,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	36	94 739	5 787,731	80 751,045	13,952	13,485
1							51	37	94 315	5 448,545	74 963,313	13,758	13,291
2							52	38	93 818	5 125,176	69 514,768	13,563	13,096
3							53	39	93 297	4 819,556	64 389,592	13,360	12,892
4							54	40	92 720	4 529,345	59 570,036	13,152	12,684
5							55	41	92 081	4 253,538	55 040,690	12,940	12,472
6							56	42	91 385	3 991,841	50 787,152	12,723	12,255
7							57	43	90 638	3 743,940	46 795,311	12,499	12,031
8							58	44	89 817	3 508,290	43 051,371	12,271	11,804
9							59	45	88 927	3 284,664	39 543,081	12,039	11,571
10							60	46	87 966	3 072,519	36 258,417	11,801	11,333
11							61	47	86 930	2 871,211	33 185,898	11,558	11,091
12							62	48	85 819	2 680,388	30 314,688	11,310	10,842
13							63	49	84 640	2 499,831	27 634,299	11,054	10,587
14	0	99 450	45 465,091	797 336,494	17,537	17,070	64	50	83 398	2 329,216	25 134,468	10,791	10,323
15	1	99 121	42 851,018	751 871,403	17,546	17,079	65	51	82 041	2 166,737	22 805,253	10,525	10,058
16	2	99 077	40 503,149	709 020,385	17,505	17,038	66	52	80 608	2 013,131	20 638,516	10,252	9,784
17	3	99 037	38 285,200	668 517,237	17,462	16,994	67	53	79 057	1 867,042	18 625,384	9,976	9,508
18	4	98 992	36 187,190	630 232,037	17,416	16,948	68	54	77 410	1 728,743	16 758,342	9,694	9,226
19	5	98 933	34 199,013	594 044,846	17,370	16,903	69	55	75 685	1 598,326	15 029,599	9,403	8,936
20	6	98 875	32 320,421	559 845,834	17,322	16,854	70	56	73 838	1 474,523	13 431,274	9,109	8,641
21	7	98 813	30 543,946	527 525,412	17,271	16,803	71	57	71 884	1 357,461	11 956,751	8,808	8,341
22	8	98 751	28 865,078	496 981,466	17,217	16,750	72	58	69 812	1 246,650	10 599,290	8,502	8,035
23	9	98 691	27 279,069	468 116,388	17,160	16,693	73	59	67 620	1 141,847	9 352,640	8,191	7,723
24	10	98 633	25 780,545	440 837,319	17,100	16,632	74	60	65 292	1 042,584	8 210,793	7,875	7,408
25	11	98 571	24 363,016	415 056,774	17,036	16,569	75	61	62 741	947,372	7 168,209	7,566	7,099
26	12	98 509	23 024,174	390 693,378	16,969	16,501	76	62	60 045	857,366	6 220,837	7,256	6,788
27	13	98 443	21 757,866	367 669,204	16,898	16,431	77	63	57 183	772,105	5 363,471	6,947	6,479
28	14	98 372	20 559,949	345 911,338	16,825	16,357	78	64	54 142	691,303	4 591,366	6,642	6,174
29	15	98 302	19 428,244	325 351,389	16,746	16,279	79	65	50 906	614,635	3 900,063	6,345	5,878
30	16	98 225	18 357,471	305 923,145	16,665	16,197	80	66	47 536	542,736	3 285,428	6,053	5,586
31	17	98 148	17 345,533	287 565,675	16,579	16,111	81	67	44 063	475,734	2 742,692	5,765	5,298
32	18	98 062	16 388,058	270 220,142	16,489	16,021	82	68	40 480	413,284	2 266,958	5,485	5,018
33	19	97 967	15 482,052	253 832,084	16,395	15,928	83	69	36 867	355,928	1 853,675	5,208	4,740
34	20	97 872	14 626,042	238 350,031	16,296	15,829	84	70	33 269	303,728	1 497,746	4,931	4,464
35	21	97 773	13 816,734	223 723,990	16,192	15,725	85	71	29 654	256,006	1 194,018	4,664	4,196
36	22	97 670	13 051,763	209 907,255	16,083	15,615	86	72	26 092	213,008	938,012	4,404	3,936
37	23	97 562	12 328,455	196 855,493	15,968	15,500	87	73	22 605	174,508	725,004	4,155	3,687
38	24	97 448	11 644,389	184 527,038	15,847	15,379	88	74	19 230	140,380	550,496	3,921	3,454
39	25	97 321	10 996,916	172 882,649	15,721	15,253	89	75	16 073	110,956	410,115	3,696	3,229
40	26	97 188	10 384,752	161 885,734	15,589	15,121	90	76	13 098	85,498	299,160	3,499	3,031
41	27	97 040	9 805,177	151 500,982	15,451	14,984	91	77	10 528	64,988	213,662	3,288	2,820
42	28	96 881	9 256,849	141 695,805	15,307	14,840	92	78	8 191	47,811	148,674	3,110	2,642
43	29	96 708	8 737,924	132 438,955	15,157	14,689	93	79	6 213	34,294	100,862	2,941	2,474
44	30	96 508	8 245,712	123 701,031	15,002	14,534	94	80	4 582	23,918	66,568	2,783	2,316
45	31	96 289	7 779,648	115 455,319	14,841	14,373	95	81	3 278	16,178	42,650	2,636	2,169
46	32	96 047	7 338,130	107 675,671	14,673	14,206	96	82	2 270	10,594	26,472	2,499	2,031
47	33	95 775	6 919,512	100 337,541	14,501	14,033	97	83	1 517	6,694	15,878	2,372	1,904
48	34	95 464	6 522,000	93 418,029	14,324	13,856	98	84	977	4,076	9,184	2,253	1,786
49	35	95 117	6 144,984	86 896,029	14,141	13,673	99	85	604	2,383	5,108	2,143	1,676
							100	86	358	1,335	2,725	2,042	1,574

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß   5,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	35	94 776	5 790,034	80 918,570	13,975	13,508
1							51	36	94 360	5 451,136	75 128,535	13,782	13,315
2							52	37	93 869	5 127,913	69 677,400	13,588	13,120
3							53	38	93 349	4 822,241	64 549,487	13,386	12,918
4							54	39	92 782	4 532,344	59 727,246	13,178	12,710
5							55	40	92 146	4 256,544	55 194,902	12,967	12,499
6							56	41	91 458	3 995,043	50 938,358	12,750	12,283
7							57	42	90 719	3 747,276	46 943,315	12,527	12,060
8							58	43	89 909	3 511,886	43 196,039	12,300	11,832
9							59	44	89 027	3 288,357	39 684,153	12,068	11,601
10							60	45	88 078	3 076,424	36 395,796	11,831	11,363
11							61	46	87 052	2 875,262	33 319,373	11,588	11,121
12							62	47	85 959	2 684,778	30 444,111	11,340	10,872
13							63	48	84 790	2 504,259	27 759,332	11,085	10,617
14							64	49	83 570	2 334,018	25 255,073	10,820	10,353
15	0	99 435	42 986,541	752 271,591	17,500	17,033	65	50	82 222	2 171,521	22 921,054	10,555	10,088
16	1	99 104	40 513,843	709 285,050	17,507	17,040	66	51	80 805	2 018,069	20 749,534	10,282	9,814
17	2	99 052	38 290,903	668 771,208	17,466	16,998	67	52	79 274	1 872,182	18 731,464	10,005	9,538
18	3	99 003	36 191,234	630 480,304	17,421	16,953	68	53	77 643	1 733,956	16 859,283	9,723	9,255
19	4	98 945	34 203,089	594 289,070	17,375	16,908	69	54	75 928	1 603,442	15 125,326	9,433	8,965
20	5	98 885	32 323,688	560 085,981	17,327	16,860	70	55	74 100	1 479,766	13 521,884	9,138	8,670
21	6	98 821	30 546,607	527 762,293	17,277	16,810	71	56	72 156	1 362,601	12 042,118	8,838	8,370
22	7	98 759	28 867,556	497 215,686	17,224	16,756	72	57	70 092	1 251,652	10 679,517	8,532	8,065
23	8	98 698	27 281,078	468 348,131	17,168	16,700	73	58	67 920	1 146,908	9 427,865	8,220	7,753
24	9	98 640	25 782,324	441 067,053	17,107	16,640	74	59	65 602	1 047,530	8 280,957	7,905	7,438
25	10	98 578	24 365,125	415 284,729	17,044	16,577	75	60	63 081	952,505	7 233,427	7,594	7,127
26	11	98 516	23 026,015	390 919,604	16,977	16,510	76	61	60 392	862,321	6 280,921	7,284	6,816
27	12	98 451	21 759,618	367 893,589	16,907	16,440	77	62	57 546	777,006	5 418,600	6,974	6,506
28	13	98 381	20 561,791	346 133,971	16,834	16,366	78	63	54 510	695,993	4 641,594	6,669	6,201
29	14	98 313	19 430,350	325 572,180	16,756	16,288	79	64	51 283	619,185	3 945,601	6,372	5,905
30	15	98 238	18 359,780	306 141,830	16,675	16,207	80	65	47 910	547,008	3 326,416	6,081	5,614
31	16	98 163	17 348,202	287 782,050	16,589	16,121	81	66	44 443	479,839	2 779,408	5,792	5,325
32	17	98 077	16 390,688	270 433,848	16,499	16,032	82	67	40 853	417,093	2 299,569	5,513	5,046
33	18	97 990	15 485,589	254 043,160	16,405	15,938	83	68	37 228	359,419	1 882,476	5,238	4,770
34	19	97 892	14 629,063	238 557,570	16,307	15,840	84	69	33 626	306,989	1 523,058	4,961	4,494
35	20	97 795	13 819,802	223 928,507	16,203	15,736	85	70	30 002	259,012	1 216,069	4,695	4,227
36	21	97 691	13 054,495	210 108,705	16,095	15,627	86	71	26 432	215,787	957,057	4,435	3,968
37	22	97 584	12 331,221	197 054,210	15,980	15,513	87	72	22 937	177,071	741,270	4,186	3,719
38	23	97 470	11 647,051	184 722,989	15,860	15,392	88	73	19 548	142,701	564,199	3,954	3,486
39	24	97 340	10 999,139	173 075,938	15,735	15,268	89	74	16 378	113,060	421,498	3,728	3,261
40	25	97 209	10 387,037	162 076,799	15,604	15,136	90	75	13 385	87,373	308,438	3,530	3,063
41	26	97 063	9 807,498	151 689,762	15,467	14,999	91	76	10 792	66,620	221,066	3,318	2,851
42	27	96 907	9 259,337	141 882,264	15,323	14,856	92	77	8 424	49,175	154,446	3,141	2,673
43	28	96 733	8 740,134	132 622,927	15,174	14,706	93	78	6 419	35,430	105,271	2,971	2,504
44	29	96 536	8 248,078	123 882,793	15,020	14,552	94	79	4 755	24,819	69,841	2,814	2,346
45	30	96 316	7 781,851	115 634,714	14,860	14,392	95	80	3 420	16,883	45,022	2,667	2,199
46	31	96 076	7 340,347	107 852,863	14,693	14,226	96	81	2 383	11,123	28,138	2,530	2,062
47	32	95 809	6 921,966	100 512,517	14,521	14,053	97	82	1 605	7,085	17,015	2,402	1,934
48	33	95 499	6 524,386	93 590,551	14,345	13,877	98	83	1 042	4,349	9,931	2,284	1,816
49	34	95 158	6 147,595	87 066,165	14,163	13,695	99	84	651	2,569	5,582	2,173	1,705
							100	85	390	1,455	3,013	2,071	1,603

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß   5,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	34	94 817	5 792,495	81 071,722	13,996	13,528
1							51	35	94 397	5 453,305	75 279,227	13,804	13,337
2							52	36	93 913	5 130,351	69 825,922	13,610	13,143
3							53	37	93 399	4 824,816	64 695,571	13,409	12,941
4							54	38	92 834	4 534,868	59 870,756	13,202	12,735
5							55	39	92 207	4 259,362	55 335,887	12,992	12,524
6							56	40	91 523	3 997,867	51 076,525	12,776	12,308
7							57	41	90 792	3 750,281	47 078,659	12,553	12,086
8							58	42	89 989	3 515,015	43 328,377	12,327	11,859
9							59	43	89 118	3 291,727	39 813,362	12,095	11,627
10							60	44	88 177	3 079,883	36 521,635	11,858	11,391
11							61	45	87 163	2 878,916	33 441,752	11,616	11,149
12							62	46	86 080	2 688,567	30 562,836	11,368	10,900
13							63	47	84 929	2 508,361	27 874,269	11,113	10,645
14							64	48	83 718	2 338,153	25 365,908	10,849	10,381
15							65	49	82 392	2 175,998	23 027,755	10,583	10,115
16	0	99 417	40 641,974	709 655,640	17,461	16,994	66	50	80 984	2 022,525	20 851,757	10,310	9,842
17	1	99 078	38 301,013	669 013,665	17,467	17,000	67	51	79 469	1 876,774	18 829,232	10,033	9,565
18	2	99 018	36 196,625	630 712,652	17,425	16,957	68	52	77 857	1 738,730	16 952,458	9,750	9,282
19	3	98 956	34 206,911	594 516,027	17,380	16,912	69	53	76 157	1 608,278	15 213,728	9,460	8,992
20	4	98 896	32 327,541	560 309,116	17,332	16,865	70	54	74 337	1 484,503	13 605,451	9,165	8,697
21	5	98 831	30 549,694	527 981,575	17,283	16,815	71	55	72 413	1 367,446	12 120,947	8,864	8,396
22	6	98 768	28 870,070	497 431,880	17,230	16,762	72	56	70 358	1 256,391	10 753,501	8,559	8,091
23	7	98 707	27 283,420	468 561,810	17,174	16,706	73	57	68 192	1 151,510	9 497,110	8,248	7,780
24	8	98 647	25 784,223	441 278,391	17,114	16,647	74	58	65 892	1 052,173	8 345,600	7,932	7,464
25	9	98 584	24 366,806	415 494,168	17,052	16,584	75	59	63 380	957,024	7 293,427	7,621	7,153
26	10	98 523	23 027,649	391 127,362	16,985	16,518	76	60	60 719	866,994	6 336,403	7,308	6,841
27	11	98 459	21 761,358	368 099,713	16,915	16,448	77	61	57 878	781,497	5 469,409	6,999	6,531
28	12	98 389	20 563,447	346 338,355	16,842	16,375	78	62	54 856	700,411	4 687,912	6,693	6,226
29	13	98 322	19 432,090	325 774,908	16,765	16,297	79	63	51 631	623,386	3 987,501	6,397	5,929
30	14	98 248	18 361,770	306 342,818	16,684	16,216	80	64	48 264	551,058	3 364,115	6,105	5,637
31	15	98 175	17 350,385	287 981,047	16,598	16,130	81	65	44 793	483,616	2 813,057	5,817	5,349
32	16	98 093	16 393,210	270 630,663	16,509	16,041	82	66	41 205	420,691	2 329,442	5,537	5,070
33	17	98 005	15 488,075	254 237,452	16,415	15,947	83	67	37 571	362,731	1 908,750	5,262	4,795
34	18	97 915	14 632,406	238 749,377	16,316	15,849	84	68	33 956	309,999	1 546,019	4,987	4,520
35	19	97 815	13 822,657	224 116,972	16,214	15,746	85	69	30 324	261,792	1 236,020	4,721	4,254
36	20	97 712	13 057,394	210 294,315	16,105	15,638	86	70	26 743	218,321	974,227	4,462	3,995
37	21	97 605	12 333,802	197 236,921	15,992	15,524	87	71	23 236	179,381	755,907	4,214	3,746
38	22	97 492	11 649,664	184 903,119	15,872	15,404	88	72	19 835	144,797	576,526	3,982	3,514
39	23	97 363	11 001,654	173 253,454	15,748	15,280	89	73	16 649	114,929	431,729	3,756	3,289
40	24	97 229	10 389,137	162 251,801	15,617	15,150	90	74	13 639	89,029	316,800	3,558	3,091
41	25	97 084	9 809,656	151 862,664	15,481	15,013	91	75	11 029	68,081	227,771	3,346	2,878
42	26	96 930	9 261,529	142 053,008	15,338	14,870	92	76	8 636	50,409	159,690	3,168	2,700
43	27	96 759	8 742,483	132 791,479	15,189	14,722	93	77	6 602	36,440	109,281	2,999	2,531
44	28	96 560	8 250,164	124 048,996	15,036	14,568	94	78	4 912	25,642	72,840	2,841	2,373
45	29	96 344	7 784,084	115 798,832	14,876	14,409	95	79	3 549	17,519	47,199	2,694	2,227
46	30	96 103	7 342,425	108 014,747	14,711	14,243	96	80	2 487	11,608	29,679	2,557	2,089
47	31	95 838	6 924,057	100 672,322	14,539	14,072	97	81	1 685	7,439	18,072	2,429	1,962
48	32	95 533	6 526,699	93 748,265	14,364	13,896	98	82	1 103	4,603	10,633	2,310	1,843
49	33	95 192	6 149,844	87 221,566	14,183	13,715	99	83	694	2,741	6,030	2,200	1,733
							100	84	420	1,569	3,289	2,097	1,629

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß   5,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	33	94 851	5 794,614	81 211,594	14,015	13,547
1							51	34	94 437	5 455,622	75 416,981	13,824	13,356
2							52	35	93 951	5 132,392	69 961,359	13,631	13,164
3							53	36	93 443	4 827,110	64 828,966	13,430	12,963
4							54	37	92 883	4 537,290	60 001,856	13,224	12,757
5							55	38	92 259	4 261,735	55 464,567	13,015	12,547
6							56	39	91 583	4 000,513	51 202,832	12,799	12,331
7							57	40	90 856	3 752,932	47 202,319	12,577	12,110
8							58	41	90 061	3 517,834	43 449,387	12,351	11,884
9							59	42	89 198	3 294,660	39 931,553	12,120	11,653
10							60	43	88 268	3 083,040	36 636,893	11,883	11,416
11							61	44	87 261	2 882,153	33 553,853	11,642	11,174
12							62	45	86 190	2 691,984	30 671,700	11,394	10,926
13							63	46	85 048	2 511,900	27 979,716	11,139	10,671
14							64	47	83 855	2 341,983	25 467,816	10,874	10,407
15							65	48	82 538	2 179,853	23 125,833	10,609	10,141
16							66	49	81 151	2 026,695	20 945,980	10,335	9,867
17	0	99 391	38 422,146	669 356,915	17,421	16,954	67	50	79 644	1 880,917	18 919,285	10,059	9,591
18	1	99 044	36 206,182	630 934,769	17,426	16,959	68	51	78 048	1 742,995	17 038,368	9,775	9,308
19	2	98 970	34 212,007	594 728,586	17,384	16,916	69	52	76 366	1 612,705	15 295,373	9,484	9,017
20	3	98 907	32 331,154	560 516,580	17,337	16,869	70	53	74 562	1 488,980	13 682,668	9,189	8,722
21	4	98 843	30 553,336	528 185,426	17,287	16,820	71	54	72 645	1 371,824	12 193,688	8,889	8,421
22	5	98 778	28 872,988	497 632,090	17,235	16,768	72	55	70 608	1 260,859	10 821,864	8,583	8,115
23	6	98 715	27 285,796	468 759,102	17,180	16,712	73	56	68 450	1 155,870	9 561,005	8,272	7,804
24	7	98 655	25 786,436	441 473,306	17,120	16,653	74	57	66 157	1 056,395	8 405,135	7,956	7,489
25	8	98 592	24 368,600	415 686,870	17,058	16,591	75	58	63 661	961,266	7 348,740	7,645	7,177
26	9	98 530	23 029,238	391 318,269	16,992	16,525	76	59	61 007	871,107	6 387,474	7,333	6,865
27	10	98 466	21 762,902	368 289,032	16,923	16,455	77	60	58 192	785,732	5 516,367	7,021	6,553
28	11	98 397	20 565,091	346 526,129	16,850	16,383	78	61	55 173	704,459	4 730,636	6,715	6,248
29	12	98 330	19 433,655	325 961,038	16,773	16,305	79	62	51 958	627,343	4 026,177	6,418	5,950
30	13	98 257	18 363,415	306 527,383	16,692	16,225	80	63	48 592	554,796	3 398,834	6,126	5,659
31	14	98 186	17 352,266	288 163,968	16,607	16,139	81	64	45 125	487,196	2 844,038	5,838	5,370
32	15	98 105	16 395,273	270 811,702	16,518	16,050	82	65	41 530	424,003	2 356,841	5,559	5,091
33	16	98 020	15 490,458	254 416,430	16,424	15,956	83	66	37 895	365,861	1 932,839	5,283	4,815
34	17	97 931	14 634,754	238 925,971	16,326	15,858	84	67	34 269	312,856	1 566,978	5,009	4,541
35	18	97 837	13 825,815	224 291,217	16,223	15,755	85	68	30 622	264,359	1 254,121	4,744	4,276
36	19	97 733	13 060,091	210 465,402	16,115	15,648	86	69	27 030	220,664	989,762	4,485	4,018
37	20	97 626	12 336,541	197 405,311	16,002	15,534	87	70	23 509	181,487	769,097	4,238	3,770
38	21	97 512	11 652,103	185 068,770	15,883	15,415	88	71	20 094	146,686	587,610	4,006	3,538
39	22	97 385	11 004,122	173 416,667	15,759	15,292	89	72	16 893	116,617	440,924	3,781	3,313
40	23	97 251	10 391,512	162 412,545	15,629	15,162	90	73	13 864	90,501	324,307	3,583	3,116
41	24	97 104	9 811,640	152 021,033	15,494	15,026	91	74	11 238	69,372	233,806	3,370	2,903
42	25	96 951	9 263,567	142 209,393	15,351	14,884	92	75	8 825	51,515	164,435	3,192	2,724
43	26	96 782	8 744,553	132 945,827	15,203	14,736	93	76	6 767	37,355	112,920	3,023	2,555
44	27	96 586	8 252,381	124 201,274	15,050	14,583	94	77	5 053	26,373	75,565	2,865	2,398
45	28	96 368	7 786,053	115 948,893	14,892	14,424	95	78	3 667	18,100	49,192	2,718	2,250
46	29	96 131	7 344,532	108 162,840	14,727	14,259	96	79	2 581	12,045	31,092	2,581	2,114
47	30	95 865	6 926,017	100 818,307	14,556	14,089	97	80	1 759	7,763	19,047	2,454	1,986
48	31	95 561	6 528,671	93 892,290	14,382	13,914	98	81	1 158	4,833	11,284	2,335	1,867
49	32	95 226	6 152,025	87 363,619	14,201	13,733	99	82	735	2,901	6,451	2,224	1,756
							100	83	448	1,674	3,551	2,122	1,654

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß 5,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	32	94 885	5 796,668	81 339,440	14,032	13,565
1							51	33	94 472	5 457,618	75 542,771	13,842	13,374
2							52	34	93 990	5 134,574	70 085,153	13,650	13,182
3							53	35	93 480	4 829,030	64 950,580	13,450	12,982
4							54	36	92 927	4 539,447	60 121,550	13,244	12,777
5							55	37	92 308	4 264,010	55 582,103	13,035	12,568
6							56	38	91 634	4 002,742	51 318,092	12,821	12,353
7							57	39	90 916	3 755,416	47 315,351	12,599	12,132
8							58	40	90 125	3 520,320	43 559,934	12,374	11,906
9							59	41	89 269	3 297,303	40 039,614	12,143	11,676
10							60	42	88 346	3 085,786	36 742,311	11,907	11,439
11							61	43	87 350	2 885,107	33 656,525	11,666	11,198
12							62	44	86 287	2 695,010	30 771,418	11,418	10,950
13							63	45	85 156	2 515,093	28 076,407	11,163	10,696
14							64	46	83 973	2 345,287	25 561,315	10,899	10,431
15							65	47	82 673	2 183,423	23 216,027	10,633	10,165
16							66	48	81 295	2 030,286	21 032,604	10,359	9,892
17							67	49	79 809	1 884,796	19 002,318	10,082	9,614
18	0	99 358	36 320,690	631 252,757	17,380	16,912	68	50	78 220	1 746,843	17 117,523	9,799	9,332
19	1	98 997	34 221,040	594 932,067	17,385	16,917	69	51	76 553	1 616,661	15 370,680	9,508	9,040
20	2	98 922	32 335,970	560 711,027	17,340	16,873	70	52	74 767	1 493,079	13 754,019	9,212	8,744
21	3	98 854	30 556,750	528 375,057	17,292	16,824	71	53	72 864	1 375,961	12 260,940	8,911	8,443
22	4	98 790	28 876,430	497 818,307	17,240	16,772	72	54	70 834	1 264,895	10 884,979	8,605	8,138
23	5	98 725	27 288,554	468 941,877	17,185	16,717	73	55	68 694	1 159,980	9 620,084	8,293	7,826
24	6	98 664	25 788,682	441 653,323	17,126	16,658	74	56	66 407	1 060,395	8 460,104	7,978	7,511
25	7	98 600	24 370,692	415 864,641	17,064	16,597	75	57	63 916	965,123	7 399,709	7,667	7,200
26	8	98 537	23 030,934	391 493,949	16,999	16,531	76	58	61 277	874,968	6 434,586	7,354	6,887
27	9	98 473	21 764,404	368 463,015	16,930	16,462	77	59	58 468	789,460	5 559,618	7,042	6,575
28	10	98 404	20 566,551	346 698,611	16,857	16,390	78	60	55 472	708,276	4 770,159	6,735	6,267
29	11	98 338	19 435,209	326 132,061	16,780	16,313	79	61	52 259	630,969	4 061,882	6,438	5,970
30	12	98 265	18 364,894	306 696,852	16,700	16,233	80	62	48 900	558,318	3 430,914	6,145	5,678
31	13	98 194	17 353,820	288 331,958	16,615	16,147	81	63	45 431	490,501	2 872,596	5,856	5,389
32	14	98 116	16 397,050	270 978,138	16,526	16,058	82	64	41 837	427,142	2 382,094	5,577	5,109
33	15	98 033	15 492,407	254 581,088	16,433	15,965	83	65	38 194	368,741	1 954,952	5,302	4,834
34	16	97 946	14 637,006	239 088,681	16,335	15,867	84	66	34 564	315,556	1 586,212	5,027	4,559
35	17	97 853	13 828,034	224 451,674	16,232	15,764	85	67	30 904	266,796	1 270,656	4,763	4,295
36	18	97 755	13 063,075	210 623,640	16,124	15,656	86	68	27 295	222,828	1 003,860	4,505	4,038
37	19	97 647	12 339,089	197 560,566	16,011	15,543	87	69	23 762	183,436	781,032	4,258	3,790
38	20	97 534	11 654,690	185 221,476	15,892	15,425	88	70	20 330	148,408	597,596	4,027	3,559
39	21	97 405	11 006,426	173 566,786	15,770	15,302	89	71	17 114	118,138	449,188	3,802	3,335
40	22	97 273	10 393,844	162 560,360	15,640	15,172	90	72	14 068	91,830	331,050	3,605	3,137
41	23	97 126	9 813,883	152 166,517	15,505	15,038	91	73	11 424	70,518	239,219	3,392	2,925
42	24	96 971	9 265,440	142 352,634	15,364	14,896	92	74	8 993	52,491	168,701	3,214	2,746
43	25	96 803	8 746,477	133 087,194	15,216	14,749	93	75	6 916	38,174	116,210	3,044	2,577
44	26	96 609	8 254,335	124 340,718	15,064	14,596	94	76	5 179	27,035	78,035	2,886	2,419
45	27	96 394	7 788,146	116 086,383	14,906	14,438	95	77	3 772	18,616	51,000	2,740	2,272
46	28	96 155	7 346,390	108 298,237	14,742	14,274	96	78	2 666	12,444	32,384	2,602	2,135
47	29	95 893	6 928,005	100 951,847	14,572	14,104	97	79	1 825	8,055	19,940	2,475	2,008
48	30	95 589	6 530,519	94 023,842	14,398	13,930	98	80	1 208	5,043	11,885	2,357	1,889
49	31	95 255	6 153,883	87 493,323	14,218	13,750	99	81	772	3,046	6,842	2,246	1,779
							100	82	475	1,771	3,796	2,143	1,675

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß   5,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
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18						
19	0	99 310	34 329 269	595 226 700	17,339	16,871
20	1	98 948	32 344 508	560 897 430	17,341	16,874
21	2	98 869	30 561 302	528 552 923	17,295	16,827
22	3	98 801	28 879 657	497 991 621	17,244	16,776
23	4	98 737	27 291 807	469 111 964	17,189	16,721
24	5	98 674	25 791 289	441 820 158	17,131	16,663
25	6	98 609	24 372 815	416 028 869	17,069	16,602
26	7	98 546	23 032 911	391 656 054	17,004	16,537
27	8	98 480	21 766 007	368 623 143	16,936	16,468
28	9	98 411	20 567 970	346 857 136	16,864	16,396
29	10	98 345	19 436 588	326 289 167	16,787	16,320
30	11	98 273	18 366 362	306 852 579	16,707	16,240
31	12	98 202	17 355 217	288 486 216	16,622	16,155
32	13	98 124	16 398 519	271 130 999	16,534	16,066
33	14	98 043	15 494 087	254 732 480	16,441	15,973
34	15	97 958	14 638 848	239 238 393	16,343	15,875
35	16	97 868	13 830 162	224 599 546	16,240	15,772
36	17	97 771	13 065 171	210 769 384	16,132	15,665
37	18	97 669	12 341 908	197 704 212	16,019	15,551
38	19	97 554	11 657 098	185 362 304	15,901	15,434
39	20	97 427	11 008 870	173 705 206	15,779	15,311
40	21	97 293	10 396 019	162 696 336	15,650	15,182
41	22	97 148	9 816 085	152 300 317	15,515	15,048
42	23	96 993	9 267 558	142 484 232	15,375	14,907
43	24	96 823	8 748 245	133 216 674	15,228	14,760
44	25	96 630	8 256 151	124 468 429	15,076	14,608
45	26	96 417	7 789 989	116 212 278	14,918	14,451
46	27	96 181	7 348 364	108 422 289	14,755	14,287
47	28	95 917	6 929 757	101 073 925	14,585	14,118
48	29	95 616	6 532 393	94 144 167	14,412	13,944
49	30	95 282	6 155 626	87 611 774	14,233	13,765
50	31	94 914	5 798 420	81 456 148	14,048	13,580
51	32	94 505	5 459 553	75 657 729	13,858	13,390
52	33	94 025	5 136 452	70 198 176	13,667	13,199
53	34	93 520	4 831 083	65 061 724	13,467	13,000
54	35	92 964	4 541 253	60 230 642	13,263	12,795
55	36	92 352	4 266 038	55 689 388	13,054	12,587
56	37	91 683	4 004 879	51 423 351	12,840	12,373
57	38	90 966	3 757 508	47 418 472	12,620	12,152
58	39	90 184	3 522 651	43 660 964	12,394	11,927
59	40	89 332	3 299 633	40 138 313	12,164	11,697
60	41	88 417	3 088 261	36 838 680	11,929	11,461
61	42	87 428	2 887 678	33 750 418	11,688	11,220
62	43	86 375	2 697 773	30 862 741	11,440	10,973
63	44	85 252	2 517 921	28 164 968	11,186	10,718
64	45	84 080	2 348 268	25 647 047	10,922	10,454
65	46	82 789	2 186 504	23 298 779	10,656	10,188
66	47	81 428	2 033 611	21 112 275	10,382	9,914
67	48	79 950	1 888 135	19 078 664	10,105	9,637
68	49	78 382	1 750 445	17 190 530	9,821	9,353
69	50	76 722	1 620 230	15 440 085	9,530	9,062
70	51	74 950	1 496 741	13 819 855	9,233	8,766
71	52	73 065	1 379 749	12 323 113	8,931	8,464
72	53	71 048	1 268 710	10 943 365	8,626	8,158
73	54	68 914	1 163 694	9 674 655	8,314	7,846
74	55	66 643	1 064 165	8 510 961	7,998	7,530
75	56	64 158	968 777	7 446 796	7,687	7,219
76	57	61 523	878 479	6 478 018	7,374	6,907
77	58	58 727	792 958	5 599 540	7,062	6,594
78	59	55 735	711 637	4 806 581	6,754	6,287
79	60	52 542	634 388	4 094 945	6,455	5,987
80	61	49 183	561 545	3 460 557	6,163	5,695
81	62	45 719	493 615	2 899 012	5,873	5,405
82	63	42 121	430 040	2 405 397	5,593	5,126
83	64	38 477	371 471	1 975 358	5,318	4,850
84	65	34 836	318 040	1 603 887	5,043	4,575
85	66	31 170	269 098	1 285 847	4,778	4,311
86	67	27 547	224 882	1 016 750	4,521	4,054
87	68	23 995	185 234	791 868	4,275	3,807
88	69	20 548	150 002	606 633	4,044	3,577
89	70	17 315	119 525	456 632	3,820	3,353
90	71	14 251	93 028	337 107	3,624	3,156
91	72	11 592	71 554	244 078	3,411	2,944
92	73	9 141	53 359	172 524	3,233	2,766
93	74	7 047	38 898	119 165	3,064	2,596
94	75	5 293	27 628	80 267	2,905	2,438
95	76	3 866	19 083	52 639	2,758	2,291
96	77	2 742	12 799	33 556	2,622	2,154
97	78	1 886	8 322	20 757	2,494	2,027
98	79	1 254	5 233	12 434	2,376	1,908
99	80	805	3 179	7 201	2,266	1,798
100	81	498	1 860	4 023	2,163	1,695

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß   5,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
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9						
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11						
12						
13						
14						
15						
16						
17						
18						
19						
20	0	99 261	32 446,802	561 170,475	17,295	16,828
21	1	98 895	30 569,371	528 723,673	17,296	16,828
22	2	98 815	28 883,959	498 154,302	17,247	16,779
23	3	98 748	27 294,856	469 270,343	17,193	16,725
24	4	98 686	25 794,363	441 975,487	17,135	16,667
25	5	98 619	24 375,278	416 181,124	17,074	16,606
26	6	98 554	23 034,917	391 805,846	17,009	16,542
27	7	98 489	21 767,875	368 770,929	16,941	16,473
28	8	98 418	20 569,484	347 003,054	16,870	16,402
29	9	98 351	19 437,929	326 433,569	16,794	16,326
30	10	98 280	18 367,666	306 995,640	16,714	16,246
31	11	98 210	17 356,605	288 627,974	16,629	16,162
32	12	98 132	16 399,839	271 271,369	16,541	16,074
33	13	98 052	15 495,475	254 871,530	16,448	15,981
34	14	97 969	14 640,435	239 376,055	16,350	15,883
35	15	97 880	13 831,902	224 735,621	16,248	15,780
36	16	97 786	13 067,182	210 903,719	16,140	15,672
37	17	97 685	12 343,889	197 836,537	16,027	15,560
38	18	97 576	11 659,761	185 492,647	15,909	15,441
39	19	97 447	11 011,144	173 832,886	15,787	15,319
40	20	97 315	10 398,328	162 821,742	15,658	15,191
41	21	97 168	9 818,140	152 423,415	15,525	15,057
42	22	97 015	9 269,637	142 605,275	15,384	14,917
43	23	96 845	8 750,245	133 335,637	15,238	14,770
44	24	96 650	8 257,820	124 585,392	15,087	14,619
45	25	96 438	7 791,703	116 327,572	14,930	14,462
46	26	96 203	7 350,104	108 535,869	14,767	14,299
47	27	95 943	6 931,620	101 185,765	14,598	14,130
48	28	95 640	6 534,046	94 254,146	14,425	13,958
49	29	95 309	6 157,392	87 720,100	14,246	13,779

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
50	30	94 940	5 800,061	81 562,708	14,062	13,595
51	31	94 534	5 461,202	75 762,646	13,873	13,405
52	32	94 058	5 138,273	70 301,444	13,682	13,214
53	33	93 554	4 832,850	65 163,171	13,483	13,016
54	34	93 004	4 543,183	60 330,321	13,279	12,812
55	35	92 389	4 267,735	55 787,138	13,072	12,604
56	36	91 727	4 006,783	51 519,403	12,858	12,390
57	37	91 015	3 759,514	47 512,620	12,638	12,170
58	38	90 235	3 524,613	43 753,106	12,414	11,946
59	39	89 391	3 301,817	40 228,493	12,184	11,716
60	40	88 480	3 090,444	36 926,675	11,949	11,481
61	41	87 498	2 889,994	33 836,231	11,708	11,240
62	42	86 452	2 700,176	30 946,237	11,461	10,993
63	43	85 340	2 520,502	28 246,061	11,207	10,739
64	44	84 174	2 350,908	25 725,560	10,943	10,475
65	45	82 895	2 189,283	23 374,651	10,677	10,209
66	46	81 543	2 036,480	21 185,368	10,403	9,935
67	47	80 081	1 891,227	19 148,888	10,125	9,658
68	48	78 520	1 753,546	17 257,661	9,842	9,374
69	49	76 881	1 623,571	15 504,115	9,549	9,082
70	50	75 116	1 500,046	13 880,544	9,253	8,786
71	51	73 244	1 383,133	12 380,498	8,951	8,483
72	52	71 243	1 272,203	10 997,365	8,644	8,177
73	53	69 122	1 167,203	9 725,163	8,332	7,864
74	54	66 857	1 067,572	8 557,960	8,016	7,549
75	55	64 386	972,222	7 490,388	7,704	7,237
76	56	61 756	881,805	6 518,166	7,392	6,924
77	57	58 963	796,140	5 636,361	7,080	6,612
78	58	55 982	714,790	4 840,220	6,772	6,304
79	59	52 791	637,398	4 125,430	6,472	6,005
80	60	49 449	564,588	3 488,032	6,178	5,710
81	61	45 983	496,468	2 923,445	5,888	5,421
82	62	42 388	432,769	2 426,977	5,608	5,140
83	63	38 738	373,991	1 994,208	5,332	4,865
84	64	35 094	320,394	1 620,217	5,057	4,589
85	65	31 416	271,216	1 299,823	4,793	4,325
86	66	27 784	226,822	1 028,607	4,535	4,067
87	67	24 216	186,942	801,785	4,289	3,821
88	68	20 749	151,472	614,843	4,059	3,592
89	69	17 501	120,808	463,370	3,836	3,368
90	70	14 418	94,121	342,562	3,640	3,172
91	71	11 743	72,488	248,441	3,427	2,960
92	72	9 275	54,143	175,954	3,250	2,782
93	73	7 163	39,541	121,811	3,081	2,613
94	74	5 393	28,152	82,269	2,922	2,455
95	75	3 951	19,502	54,118	2,775	2,307
96	76	2 811	13,120	34,616	2,638	2,171
97	77	1 939	8,560	21,496	2,511	2,044
98	78	1 295	5,407	12,936	2,393	1,925
99	79	836	3,298	7,530	2,283	1,815
100	80	520	1,941	4,231	2,180	1,713

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß   5,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	29	94 968	5 801,726	81 660,139	14,075	13,608
1							51	30	94 561	5 462,749	75 858,413	13,886	13,419
2							52	31	94 087	5 139,825	70 395,665	13,696	13,229
3							53	32	93 587	4 834,563	65 255,839	13,498	13,030
4							54	33	93 038	4 544,845	60 421,276	13,294	12,827
5							55	34	92 428	4 269,549	55 876,431	13,087	12,620
6							56	35	91 763	4 008,377	51 606,883	12,875	12,407
7							57	36	91 058	3 761,302	47 598,505	12,655	12,187
8							58	37	90 283	3 526,495	43 837,203	12,431	11,963
9							59	38	89 441	3 303,657	40 310,708	12,202	11,734
10							60	39	88 538	3 092,490	37 007,052	11,967	11,499
11							61	40	87 560	2 892,036	33 914,562	11,727	11,259
12							62	41	86 521	2 702,342	31 022,526	11,480	11,012
13							63	42	85 416	2 522,747	28 320,183	11,226	10,758
14							64	43	84 261	2 353,318	25 797,436	10,962	10,495
15							65	44	82 988	2 191,745	23 444,118	10,697	10,229
16							66	45	81 646	2 039,068	21 252,374	10,423	9,955
17							67	46	80 194	1 893,896	19 213,305	10,145	9,677
18							68	47	78 649	1 756,418	17 319,410	9,861	9,393
19							69	48	77 017	1 626,447	15 562,992	9,569	9,101
20							70	49	75 271	1 503,139	13 936,545	9,272	8,804
21	0	99 208	30 666,052	528 976,753	17,250	16,782	71	50	73 405	1 386,187	12 433,406	8,970	8,502
22	1	98 842	28 891,585	498 310,702	17,248	16,780	72	51	71 418	1 275,323	11 047,219	8,662	8,195
23	2	98 763	27 298,922	469 419,117	17,196	16,728	73	52	69 312	1 170,416	9 771,896	8,349	7,882
24	3	98 697	25 797,245	442 120,194	17,138	16,671	74	53	67 058	1 070,792	8 601,480	8,033	7,565
25	4	98 630	24 378,184	416 322,949	17,078	16,610	75	54	64 592	975,335	7 530,688	7,721	7,254
26	5	98 564	23 037,245	391 944,765	17,014	16,546	76	55	61 976	884,940	6 555,354	7,408	6,940
27	6	98 497	21 769,771	368 907,520	16,946	16,478	77	56	59 186	799,155	5 670,413	7,096	6,628
28	7	98 426	20 571,250	347 137,749	16,875	16,407	78	57	56 207	717,659	4 871,259	6,788	6,320
29	8	98 359	19 439,361	326 566,499	16,799	16,332	79	58	53 025	640,222	4 153,600	6,488	6,020
30	9	98 287	18 368,933	307 127,138	16,720	16,252	80	59	49 684	567,266	3 513,378	6,194	5,726
31	10	98 217	17 357,837	288 758,205	16,636	16,168	81	60	46 233	499,158	2 946,111	5,902	5,435
32	11	98 140	16 401,151	271 400,368	16,548	16,080	82	61	42 633	435,271	2 446,953	5,622	5,154
33	12	98 060	15 496,722	254 999,217	16,455	15,987	83	62	38 983	376,365	2 011,683	5,345	4,877
34	13	97 977	14 641,746	239 502,495	16,358	15,890	84	63	35 332	322,568	1 635,318	5,070	4,602
35	14	97 891	13 833,401	224 860,749	16,255	15,787	85	64	31 648	273,224	1 312,750	4,805	4,337
36	15	97 798	13 068,826	211 027,347	16,147	15,680	86	65	28 003	228,608	1 039,526	4,547	4,080
37	16	97 700	12 345,789	197 958,521	16,034	15,567	87	66	24 425	188,555	810,919	4,301	3,833
38	17	97 592	11 661,632	185 612,733	15,917	15,449	88	67	20 941	152,868	622,364	4,071	3,604
39	18	97 469	11 013,660	173 951,100	15,794	15,327	89	68	17 672	121,993	469,496	3,849	3,381
40	19	97 335	10 400,476	162 937,441	15,666	15,199	90	69	14 573	95,131	347,503	3,653	3,185
41	20	97 190	9 820,320	152 536,965	15,533	15,065	91	70	11 881	73,339	252,372	3,441	2,974
42	21	97 035	9 271,578	142 716,645	15,393	14,925	92	71	9 396	54,849	179,033	3,264	2,797
43	22	96 867	8 752,208	133 445,067	15,247	14,779	93	72	7 269	40,122	124,183	3,095	2,628
44	23	96 672	8 259,708	124 692,859	15,097	14,629	94	73	5 483	28,617	84,061	2,937	2,470
45	24	96 458	7 793,278	116 433,150	14,940	14,473	95	74	4 026	19,871	55,444	2,790	2,323
46	25	96 225	7 351,721	108 639,872	14,777	14,310	96	75	2 873	13,408	35,573	2,653	2,186
47	26	95 966	6 933,260	101 288,151	14,609	14,141	97	76	1 988	8,775	22,165	2,526	2,058
48	27	95 666	6 535,802	94 354,891	14,437	13,969	98	77	1 332	5,561	13,390	2,408	1,940
49	28	95 333	6 158,950	87 819,089	14,259	13,791	99	78	863	3,408	7,830	2,298	1,830
							100	79	540	2,014	4,422	2,196	1,728

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß   5,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	28	94 992	5 803,193	81 749,148	14,087	13,619
1							51	29	94 588	5 464,316	75 945,955	13,899	13,431
2							52	30	94 113	5 141,280	70 481,639	13,709	13,241
3							53	31	93 616	4 836,024	65 340,358	13,511	13,044
4							54	32	93 071	4 546,457	60 504,334	13,308	12,840
5							55	33	92 462	4 271,110	55 957,878	13,101	12,634
6							56	34	91 802	4 010,081	51 686,767	12,889	12,422
7							57	35	91 095	3 762,799	47 676,687	12,671	12,203
8							58	36	90 326	3 528,172	43 913,888	12,447	11,979
9							59	37	89 489	3 305,421	40 385,716	12,218	11,750
10							60	38	88 588	3 094,212	37 080,296	11,984	11,516
11							61	39	87 618	2 893,951	33 986,083	11,744	11,276
12							62	40	86 583	2 704,252	31 092,133	11,497	11,030
13							63	41	85 484	2 524,771	28 387,881	11,244	10,776
14							64	42	84 336	2 355,415	25 863,110	10,980	10,513
15							65	43	83 073	2 193,991	23 507,695	10,715	10,247
16							66	44	81 738	2 041,361	21 313,704	10,441	9,973
17							67	45	80 296	1 896,303	19 272,343	10,163	9,696
18							68	46	78 760	1 758,896	17 376,040	9,879	9,411
19							69	47	77 143	1 629,111	15 617,144	9,586	9,119
20							70	48	75 404	1 505,802	13 988,033	9,289	8,822
21							71	49	73 557	1 389,045	12 482,232	8,986	8,519
22	0	99 154	28 982,959	498 545,315	17,201	16,734	72	50	71 576	1 278,139	11 093,187	8,679	8,212
23	1	98 789	27 306,130	469 562,356	17,196	16,729	73	51	69 482	1 173,287	9 815,048	8,365	7,898
24	2	98 711	25 801,088	442 256,226	17,141	16,673	74	52	67 243	1 073,740	8 641,761	8,048	7,581
25	3	98 641	24 380,908	416 455,138	17,081	16,614	75	53	64 787	978,276	7 568,022	7,736	7,269
26	4	98 576	23 039,991	392 074,230	17,017	16,550	76	54	62 174	887,773	6 589,746	7,423	6,955
27	5	98 507	21 771,972	369 034,238	16,950	16,482	77	55	59 397	801,996	5 701,972	7,110	6,642
28	6	98 435	20 573,042	347 262,267	16,879	16,412	78	56	56 419	720,376	4 899,976	6,802	6,334
29	7	98 367	19 441,029	326 689,225	16,804	16,337	79	57	53 238	642,791	4 179,600	6,502	6,035
30	8	98 294	18 370,286	307 248,196	16,725	16,258	80	58	49 904	569,780	3 536,809	6,207	5,740
31	9	98 224	17 359,035	288 877,910	16,641	16,174	81	59	46 452	501,526	2 967,028	5,916	5,448
32	10	98 147	16 402,315	271 518,875	16,554	16,086	82	60	42 864	437,629	2 465,502	5,634	5,166
33	11	98 068	15 497,961	255 116,560	16,461	15,994	83	61	39 209	378,540	2 027,873	5,357	4,890
34	12	97 985	14 642,925	239 618,599	16,364	15,897	84	62	35 557	324,615	1 649,333	5,081	4,613
35	13	97 900	13 834,641	224 975,674	16,262	15,794	85	63	31 863	275,077	1 324,717	4,816	4,348
36	14	97 809	13 070,243	211 141,033	16,154	15,687	86	64	28 210	230,300	1 049,640	4,558	4,090
37	15	97 712	12 347,342	198 070,791	16,042	15,574	87	65	24 617	190,039	819,340	4,311	3,844
38	16	97 607	11 663,427	185 723,449	15,924	15,456	88	66	21 121	154,187	629,301	4,081	3,614
39	17	97 485	11 015,427	174 060,022	15,801	15,334	89	67	17 835	123,117	475,114	3,859	3,391
40	18	97 357	10 402,852	163 044,595	15,673	15,205	90	68	14 716	96,064	351,996	3,664	3,197
41	19	97 210	9 822,348	152 641,743	15,540	15,073	91	69	12 008	74,126	255,932	3,453	2,985
42	20	97 057	9 273,637	142 819,394	15,401	14,933	92	70	9 507	55,493	181,806	3,276	2,809
43	21	96 887	8 754,041	133 545,758	15,255	14,788	93	71	7 364	40,646	126,313	3,108	2,640
44	22	96 694	8 261,562	124 791,717	15,105	14,638	94	72	5 563	29,037	85,668	2,950	2,483
45	23	96 480	7 795,060	116 530,155	14,949	14,482	95	73	4 092	20,200	56,630	2,803	2,336
46	24	96 244	7 353,207	108 735,095	14,787	14,320	96	74	2 927	13,662	36,430	2,667	2,199
47	25	95 987	6 934,786	101 381,888	14,619	14,152	97	75	2 032	8,967	22,768	2,539	2,072
48	26	95 688	6 537,349	94 447,102	14,447	13,980	98	76	1 366	5,700	13,801	2,421	1,953
49	27	95 359	6 160,605	87 909,753	14,270	13,802	99	77	888	3,505	8,101	2,311	1,844
							100	78	557	2,081	4,596	2,209	1,741

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß   5,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä_{xy}^{(12)}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä_{xy}^{(12)}$
0							50	27	95 017	5 804,753	81 830,656	14,097	13,630
1							51	28	94 612	5 465,698	76 025,903	13,910	13,442
2							52	29	94 140	5 142,756	70 560,205	13,720	13,253
3							53	30	93 642	4 837,393	65 417,448	13,523	13,056
4							54	31	93 099	4 547,830	60 580,055	13,321	12,853
5							55	32	92 494	4 272,625	56 032,225	13,114	12,647
6							56	33	91 836	4 011,548	51 759,601	12,903	12,435
7							57	34	91 133	3 764,398	47 748,053	12,684	12,217
8							58	35	90 362	3 529,576	43 983,655	12,461	11,994
9							59	36	89 531	3 306,992	40 454,080	12,233	11,765
10							60	37	88 635	3 095,865	37 147,088	11,999	11,531
11							61	38	87 667	2 895,563	34 051,223	11,760	11,292
12							62	39	86 640	2 706,042	31 155,660	11,513	11,046
13							63	40	85 545	2 526,555	28 449,618	11,260	10,793
14							64	41	84 403	2 357,304	25 923,063	10,997	10,529
15							65	42	83 147	2 195,946	23 565,759	10,731	10,264
16							66	43	81 822	2 043,454	21 369,813	10,458	9,990
17							67	44	80 386	1 898,435	19 326,360	10,180	9,713
18							68	45	78 860	1 761,131	17 427,925	9,896	9,428
19							69	46	77 252	1 631,410	15 666,794	9,603	9,136
20							70	47	75 527	1 508,268	14 035,384	9,306	8,838
21							71	48	73 687	1 391,506	12 527,116	9,003	8,535
22							72	49	71 723	1 280,774	11 135,610	8,694	8,227
23	0	99 101	27 392,490	469 779,886	17,150	16,682	73	50	69 635	1 175,877	9 854,836	8,381	7,913
24	1	98 737	25 807,901	442 387,395	17,142	16,674	74	51	67 408	1 076,373	8 678,959	8,063	7,596
25	2	98 656	24 384,540	416 579,495	17,084	16,616	75	52	64 966	980,969	7 602,586	7,750	7,283
26	3	98 587	23 042,566	392 194,955	17,020	16,553	76	53	62 362	890,451	6 621,617	7,436	6,969
27	4	98 519	21 774,567	369 152,389	16,953	16,486	77	54	59 587	804,564	5 731,166	7,123	6,656
28	5	98 445	20 575,121	347 377,822	16,883	16,416	78	55	56 620	722,938	4 926,602	6,815	6,347
29	6	98 376	19 442,723	326 802,701	16,808	16,341	79	56	53 439	645,225	4 203,665	6,515	6,047
30	7	98 302	18 371,863	307 359,978	16,730	16,262	80	57	50 104	572,067	3 558,439	6,220	5,753
31	8	98 231	17 360,313	288 988,116	16,646	16,179	81	58	46 658	503,749	2 986,373	5,928	5,461
32	9	98 154	16 403,446	271 627,803	16,559	16,092	82	59	43 068	439,705	2 482,624	5,646	5,179
33	10	98 075	15 499,061	255 224,356	16,467	16,000	83	60	39 421	380,591	2 042,918	5,368	4,900
34	11	97 993	14 644,096	239 725,295	16,370	15,903	84	61	35 762	326,492	1 662,327	5,091	4,624
35	12	97 908	13 835,754	225 081,199	16,268	15,801	85	62	32 065	276,824	1 335,835	4,826	4,358
36	13	97 817	13 071,413	211 245,444	16,161	15,693	86	63	28 402	231,862	1 059,012	4,567	4,100
37	14	97 722	12 348,681	198 174,031	16,048	15,581	87	64	24 799	191,446	827,150	4,321	3,853
38	15	97 619	11 664,894	185 825,351	15,930	15,463	88	65	21 288	155,401	635,704	4,091	3,623
39	16	97 500	11 017,122	174 160,456	15,808	15,341	89	66	17 989	124,180	480,303	3,868	3,400
40	17	97 373	10 404,522	163 143,334	15,680	15,212	90	67	14 852	96,949	356,123	3,673	3,206
41	18	97 232	9 824,593	152 738,812	15,547	15,079	91	68	12 126	74,853	259,174	3,462	2,995
42	19	97 077	9 275,552	142 914,219	15,408	14,940	92	69	9 609	56,089	184,321	3,286	2,819
43	20	96 908	8 755,984	133 638,667	15,263	14,795	93	70	7 450	41,123	128,232	3,118	2,651
44	21	96 714	8 263,291	124 882,683	15,113	14,645	94	71	5 636	29,416	87,109	2,961	2,494
45	22	96 501	7 796,809	116 619,392	14,957	14,490	95	72	4 153	20,497	57,693	2,815	2,347
46	23	96 266	7 354,888	108 822,582	14,796	14,328	96	73	2 975	13,888	37,196	2,678	2,211
47	24	96 006	6 936,188	101 467,694	14,629	14,161	97	74	2 070	9,137	23,308	2,551	2,083
48	25	95 710	6 538,787	94 531,506	14,457	13,989	98	75	1 396	5,825	14,171	2,433	1,965
49	26	95 382	6 162,063	87 992,719	14,280	13,812	99	76	910	3,593	8,346	2,323	1,855
							100	77	573	2,140	4,753	2,221	1,754

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß   5,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	26	95 040	5 806,127	81 905,223	14,107	13,639
1							51	27	94 637	5 467,167	76 099,096	13,919	13,452
2							52	28	94 164	5 144,057	70 631,928	13,731	13,263
3							53	29	93 669	4 838,781	65 487,872	13,534	13,066
4							54	30	93 125	4 549,118	60 649,090	13,332	12,864
5							55	31	92 522	4 273,916	56 099,973	13,126	12,659
6							56	32	91 869	4 012,970	51 826,057	12,915	12,447
7							57	33	91 167	3 765,774	47 813,087	12,697	12,229
8							58	34	90 400	3 531,076	44 047,313	12,474	12,007
9							59	35	89 567	3 308,308	40 516,237	12,247	11,779
10							60	36	88 677	3 097,337	37 207,929	12,013	11,545
11							61	37	87 714	2 897,109	34 110,592	11,774	11,306
12							62	38	86 688	2 707,549	31 213,483	11,528	11,061
13							63	39	85 601	2 528,228	28 505,934	11,275	10,807
14							64	40	84 463	2 358,970	25 977,706	11,012	10,545
15							65	41	83 214	2 197,707	23 618,737	10,747	10,279
16							66	42	81 895	2 045,274	21 421,029	10,473	10,006
17							67	43	80 468	1 900,381	19 375,755	10,196	9,728
18							68	44	78 949	1 763,112	17 475,375	9,912	9,444
19							69	45	77 350	1 633,483	15 712,263	9,619	9,151
20							70	46	75 634	1 510,396	14 078,780	9,321	8,854
21							71	47	73 808	1 393,785	12 568,384	9,017	8,550
22							72	48	71 850	1 283,043	11 174,599	8,709	8,242
23							73	49	69 779	1 178,302	9 891,556	8,395	7,927
24	0	99 050	25 889,522	442 589,115	17,095	16,628	74	50	67 557	1 078,750	8 713,254	8,077	7,610
25	1	98 682	24 390,978	416 699,593	17,084	16,617	75	51	65 125	983,375	7 634,504	7,764	7,296
26	2	98 602	23 045,998	392 308,615	17,023	16,555	76	52	62 533	892,902	6 651,129	7,449	6,981
27	3	98 530	21 777,000	369 262,616	16,957	16,489	77	53	59 766	806,990	5 758,227	7,135	6,668
28	4	98 457	20 577,574	347 485,616	16,887	16,419	78	54	56 801	725,252	4 951,237	6,827	6,359
29	5	98 386	19 444,688	326 908,043	16,812	16,345	79	55	53 629	647,520	4 225,985	6,526	6,059
30	6	98 311	18 373,463	307 463,355	16,734	16,267	80	56	50 294	574,233	3 578,466	6,232	5,764
31	7	98 240	17 361,803	289 089,892	16,651	16,183	81	57	46 845	505,770	3 004,233	5,940	5,472
32	8	98 161	16 404,654	271 728,089	16,564	16,097	82	58	43 259	441,654	2 498,463	5,657	5,189
33	9	98 082	15 500,131	255 323,434	16,472	16,005	83	59	39 608	382,397	2 056,808	5,379	4,911
34	10	98 000	14 645,135	239 823,303	16,376	15,908	84	60	35 956	328,261	1 674,412	5,101	4,633
35	11	97 915	13 836,861	225 178,168	16,274	15,806	85	61	32 251	278,424	1 346,151	4,835	4,367
36	12	97 825	13 072,466	211 341,307	16,167	15,699	86	62	28 582	233,334	1 067,727	4,576	4,108
37	13	97 731	12 349,787	198 268,841	16,054	15,587	87	63	24 967	192,745	834,393	4,329	3,861
38	14	97 630	11 666,159	185 919,055	15,937	15,469	88	64	21 445	156,552	641,649	4,099	3,631
39	15	97 512	11 018,508	174 252,896	15,815	15,347	89	65	18 130	125,157	485,097	3,876	3,408
40	16	97 388	10 406,123	163 234,387	15,686	15,219	90	66	14 980	97,786	359,940	3,681	3,213
41	17	97 248	9 826,169	152 828,265	15,553	15,086	91	67	12 238	75,543	262,154	3,470	3,003
42	18	97 099	9 277,671	143 002,095	15,414	14,946	92	68	9 703	56,639	186,611	3,295	2,827
43	19	96 928	8 757,793	133 724,424	15,269	14,802	93	69	7 530	41,564	129,972	3,127	2,659
44	20	96 736	8 265,126	124 966,631	15,120	14,652	94	70	5 702	29,762	88,408	2,971	2,503
45	21	96 522	7 798,441	116 701,505	14,965	14,497	95	71	4 207	20,764	58,647	2,824	2,357
46	22	96 288	7 356,539	108 903,063	14,804	14,336	96	72	3 019	14,092	37,883	2,688	2,221
47	23	96 028	6 937,774	101 546,525	14,637	14,169	97	73	2 104	9,288	23,790	2,561	2,094
48	24	95 729	6 540,109	94 608,751	14,466	13,998	98	74	1 422	5,936	14,503	2,443	1,976
49	25	95 403	6 163,419	88 068,642	14,289	13,821	99	75	930	3,671	8,567	2,333	1,866
							100	76	588	2,194	4,895	2,231	1,764

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß   5,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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25	0	98 994	24 468,119	416 886,676	17,038	16,570
26	1	98 628	23 052,083	392 418,558	17,023	16,556
27	2	98 545	21 780,244	369 366,474	16,959	16,491
28	3	98 468	20 579,873	347 586,231	16,890	16,422
29	4	98 397	19 447,006	327 006,357	16,815	16,348
30	5	98 321	18 375,320	307 559,352	16,738	16,270
31	6	98 248	17 363,315	289 184,031	16,655	16,187
32	7	98 169	16 406,063	271 820,716	16,568	16,101
33	8	98 089	15 501,272	255 414,654	16,477	16,009
34	9	98 007	14 646,146	239 913,381	16,381	15,913
35	10	97 922	13 837,843	225 267,236	16,279	15,811
36	11	97 833	13 073,511	211 429,393	16,172	15,705
37	12	97 739	12 350,781	198 355,881	16,060	15,593
38	13	97 638	11 667,204	186 005,100	15,943	15,475
39	14	97 522	11 019,703	174 337,896	15,821	15,353
40	15	97 400	10 407,432	163 318,194	15,692	15,225
41	16	97 263	9 827,682	152 910,762	15,559	15,092
42	17	97 115	9 279,160	143 083,080	15,420	14,952
43	18	96 951	8 759,794	133 803,920	15,275	14,807
44	19	96 756	8 266,833	125 044,126	15,126	14,658
45	20	96 543	7 800,173	116 777,292	14,971	14,504
46	21	96 308	7 358,079	108 977,119	14,811	14,343
47	22	96 050	6 939,331	101 619,041	14,644	14,176
48	23	95 751	6 541,604	94 679,710	14,473	14,006
49	24	95 422	6 164,665	88 138,106	14,297	13,830

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
50	25	95 061	5 807,404	81 973,441	14,115	13,648
51	26	94 660	5 468,461	76 166,036	13,928	13,461
52	27	94 189	5 145,439	70 697,575	13,740	13,272
53	28	93 693	4 840,005	65 552,136	13,544	13,076
54	29	93 152	4 550,423	60 712,130	13,342	12,875
55	30	92 549	4 275,126	56 161,707	13,137	12,669
56	31	91 896	4 014,182	51 886,581	12,926	12,458
57	32	91 199	3 767,110	47 872,399	12,708	12,240
58	33	90 433	3 532,367	44 105,289	12,486	12,018
59	34	89 605	3 309,714	40 572,922	12,259	11,791
60	35	88 712	3 098,569	37 263,208	12,026	11,558
61	36	87 755	2 898,486	34 164,639	11,787	11,319
62	37	86 734	2 708,995	31 266,153	11,542	11,074
63	38	85 649	2 529,636	28 557,158	11,289	10,821
64	39	84 519	2 360,531	26 027,522	11,026	10,559
65	40	83 272	2 199,260	23 666,990	10,761	10,294
66	41	81 960	2 046,915	21 467,730	10,488	10,020
67	42	80 540	1 902,074	19 420,815	10,210	9,743
68	43	79 030	1 764,919	17 518,742	9,926	9,459
69	44	77 437	1 635,320	15 753,823	9,633	9,166
70	45	75 730	1 512,316	14 118,503	9,336	8,868
71	46	73 912	1 395,751	12 606,187	9,032	8,564
72	47	71 968	1 285,144	11 210,436	8,723	8,256
73	48	69 903	1 180,389	9 925,291	8,408	7,941
74	49	67 696	1 080,974	8 744,902	8,090	7,622
75	50	65 269	985,546	7 663,928	7,776	7,309
76	51	62 687	895,092	6 678,382	7,461	6,994
77	52	59 931	809,212	5 783,290	7,147	6,679
78	53	56 973	727,439	4 974,078	6,838	6,370
79	54	53 801	649,593	4 246,639	6,537	6,070
80	55	50 473	576,275	3 597,047	6,242	5,774
81	56	47 022	507,685	3 020,772	5,950	5,483
82	57	43 432	443,426	2 513,087	5,667	5,200
83	58	39 784	384,092	2 069,660	5,388	4,921
84	59	36 127	329,818	1 685,569	5,111	4,643
85	60	32 425	279,932	1 355,750	4,843	4,376
86	61	28 747	234,683	1 075,818	4,584	4,117
87	62	25 126	193,968	841,135	4,336	3,869
88	63	21 591	157,614	647,167	4,106	3,638
89	64	18 265	126,084	489,554	3,883	3,415
90	65	15 098	98,555	363,470	3,688	3,220
91	66	12 344	76,195	264,915	3,477	3,009
92	67	9 793	57,161	188,720	3,302	2,834
93	68	7 604	41,972	131,559	3,134	2,667
94	69	5 763	30,081	89,587	2,978	2,511
95	70	4 256	21,008	59,506	2,833	2,365
96	71	3 059	14,276	38,498	2,697	2,229
97	72	2 135	9,424	24,223	2,570	2,103
98	73	1 446	6,034	14,798	2,452	1,985
99	74	948	3,741	8,764	2,343	1,875
100	75	601	2,242	5,023	2,241	1,773

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß   6,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	0	100 000	100 000,000	1 716 014,441	17,160	16,692	50	50	93 336	5 067,033	65 899,737	13,006	12,538
1	1	99 299	93 678,461	1 616 014,441	17,251	16,783	51	51	92 757	4 750,606	60 832,705	12,805	12,337
2	2	99 240	88 323,669	1 522 335,980	17,236	16,768	52	52	92 093	4 449,587	56 082,098	12,604	12,136
3	3	99 207	83 296,081	1 434 012,311	17,216	16,748	53	53	91 380	4 165,243	51 632,511	12,396	11,928
4	4	99 182	78 561,502	1 350 716,230	17,193	16,725	54	54	90 602	3 896,036	47 467,268	12,183	11,716
5	5	99 157	74 095,950	1 272 154,729	17,169	16,701	55	55	89 754	3 641,087	43 571,231	11,967	11,499
6	6	99 136	69 887,223	1 198 058,778	17,143	16,675	56	56	88 831	3 399,658	39 930,144	11,745	11,277
7	7	99 117	65 918,636	1 128 171,555	17,115	16,647	57	57	87 851	3 171,836	36 530,486	11,517	11,049
8	8	99 101	62 176,931	1 062 252,919	17,084	16,616	58	58	86 796	2 956,362	33 358,650	11,284	10,816
9	9	99 085	58 648,277	1 000 075,988	17,052	16,584	59	59	85 653	2 752,296	30 402,288	11,046	10,578
10	10	99 070	55 320,401	941 427,711	17,018	16,550	60	60	84 435	2 559,583	27 649,992	10,803	10,335
11	11	99 055	52 180,690	886 107,310	16,982	16,514	61	61	83 107	2 376,729	25 090,409	10,557	10,089
12	12	99 038	49 218,906	833 926,619	16,943	16,475	62	62	81 707	2 204,422	22 713,680	10,304	9,836
13	13	99 019	46 424,025	784 707,714	16,903	16,435	63	63	80 218	2 041,751	20 509,258	10,045	9,577
14	14	98 999	43 787,471	738 283,689	16,861	16,393	64	64	78 670	1 889,012	18 467,508	9,776	9,308
15	15	98 974	41 298,258	694 496,218	16,817	16,349	65	65	76 991	1 744,054	16 578,495	9,506	9,038
16	16	98 944	38 948,784	653 197,960	16,771	16,303	66	66	75 240	1 607,901	14 834,441	9,226	8,758
17	17	98 903	36 728,942	614 249,176	16,724	16,256	67	67	73 362	1 479,035	13 226,540	8,943	8,475
18	18	98 853	34 632,647	577 520,234	16,676	16,208	68	68	71 392	1 357,853	11 747,505	8,652	8,184
19	19	98 783	32 649,119	542 887,587	16,628	16,160	69	69	69 345	1 244,264	10 389,652	8,350	7,882
20	20	98 714	30 779,645	510 238,468	16,577	16,109	70	70	67 172	1 137,044	9 145,388	8,043	7,575
21	21	98 639	29 015,340	479 458,823	16,524	16,056	71	71	64 881	1 036,095	8 008,345	7,729	7,261
22	22	98 566	27 352,444	450 443,483	16,468	16,000	72	72	62 449	940,809	6 972,250	7,411	6,943
23	23	98 491	25 784,695	423 091,039	16,409	15,941	73	73	59 876	850,994	6 031,441	7,088	6,620
24	24	98 417	24 306,900	397 306,344	16,345	15,877	74	74	57 144	766,195	5 180,447	6,761	6,293
25	25	98 342	22 913,583	372 999,435	16,279	15,811	75	75	54 182	685,351	4 414,252	6,441	5,973
26	26	98 266	21 599,959	350 085,852	16,208	15,740	76	76	51 034	608,998	3 728,901	6,123	5,655
27	27	98 186	20 360,660	328 485,893	16,133	15,665	77	77	47 712	537,129	3 119,903	5,808	5,341
28	28	98 098	19 190,855	308 125,233	16,056	15,588	78	78	44 221	469,647	2 582,774	5,499	5,031
29	29	98 014	18 089,125	288 934,378	15,973	15,505	79	79	40 542	406,203	2 113,127	5,202	4,734
30	30	97 921	17 049,098	270 845,253	15,886	15,418	80	80	36 771	347,563	1 706,924	4,911	4,443
31	31	97 831	16 069,213	253 796,155	15,794	15,326	81	81	32 943	293,756	1 359,362	4,628	4,160
32	32	97 732	15 144,239	237 726,942	15,698	15,230	82	82	29 089	244,710	1 065,606	4,355	3,887
33	33	97 625	14 271,455	222 582,703	15,596	15,128	83	83	25 277	200,607	820,896	4,092	3,624
34	34	97 515	13 448,441	208 311,248	15,490	15,022	84	84	21 610	161,790	620,289	3,834	3,366
35	35	97 396	12 671,760	194 862,807	15,378	14,910	85	85	18 078	127,691	458,499	3,591	3,123
36	36	97 276	11 939,698	182 191,047	15,259	14,791	86	86	14 781	98,491	330,807	3,359	2,891
37	37	97 144	11 248,596	170 251,349	15,135	14,667	87	87	11 769	73,985	232,316	3,140	2,672
38	38	97 000	10 596,156	159 002,753	15,006	14,538	88	88	9 075	53,821	158,331	2,942	2,474
39	39	96 839	9 979,827	148 406,597	14,871	14,403	89	89	6 784	37,956	104,510	2,753	2,285
40	40	96 664	9 397,901	138 426,771	14,730	14,262	90	90	4 850	25,598	66,554	2,600	2,132
41	41	96 472	8 848,317	129 028,870	14,582	14,114	91	91	3 378	16,819	40,955	2,435	1,967
42	42	96 263	8 329,356	120 180,552	14,429	13,961	92	92	2 223	10,440	24,136	2,312	1,844
43	43	96 030	7 838,882	111 851,196	14,269	13,801	93	93	1 412	6,258	13,696	2,189	1,721
44	44	95 760	7 374,425	104 012,315	14,104	13,636	94	94	857	3,582	7,438	2,076	1,608
45	45	95 463	6 935,366	96 637,889	13,934	13,466	95	95	495	1,953	3,856	1,975	1,507
46	46	95 130	6 520,021	89 702,523	13,758	13,290	96	96	272	1,011	1,903	1,882	1,414
47	47	94 761	6 127,102	83 182,502	13,576	13,108	97	97	141	0,496	0,892	1,798	1,330
48	48	94 333	5 754,175	77 055,400	13,391	12,923	98	98	69	0,230	0,396	1,722	1,254
49	49	93 864	5 401,487	71 301,225	13,200	12,732	99	99	32	0,100	0,166	1,653	1,185
							100	100	14	0,041	0,066	1,590	1,122

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß   6,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	1	99 685	99 684,731	1 714 843,213	17,203	16,735	50	51	93 130	5 055,870	65 378,351	12,931	12,463
1	2	99 273	93 653,734	1 615 158,481	17,246	16,778	51	52	92 530	4 738,983	60 322,481	12,729	12,261
2	3	99 226	88 310,514	1 521 504,748	17,229	16,761	52	53	91 840	4 437,371	55 583,498	12,526	12,058
3	4	99 196	83 286,774	1 433 194,234	17,208	16,740	53	54	91 105	4 152,720	51 146,126	12,316	11,848
4	5	99 170	78 552,139	1 349 907,460	17,185	16,717	54	55	90 313	3 883,603	46 993,406	12,100	11,632
5	6	99 147	74 088,461	1 271 355,322	17,160	16,692	55	56	89 436	3 628,186	43 109,803	11,882	11,414
6	7	99 128	69 881,137	1 197 266,860	17,133	16,665	56	57	88 496	3 386,834	39 481,617	11,657	11,189
7	8	99 109	65 912,978	1 127 385,723	17,104	16,636	57	58	87 500	3 159,160	36 094,783	11,425	10,957
8	9	99 093	62 172,352	1 061 472,746	17,073	16,605	58	59	86 413	2 943,318	32 935,623	11,190	10,722
9	10	99 078	58 644,231	999 300,393	17,040	16,572	59	60	85 248	2 739,299	29 992,306	10,949	10,481
10	11	99 063	55 316,475	940 656,162	17,005	16,537	60	61	83 980	2 545,789	27 253,006	10,705	10,237
11	12	99 047	52 176,518	885 339,687	16,968	16,500	61	62	82 629	2 363,071	24 707,218	10,456	9,988
12	13	99 030	49 214,943	833 163,169	16,929	16,461	62	63	81 191	2 190,517	22 344,147	10,200	9,732
13	14	99 010	46 419,867	783 948,226	16,888	16,420	63	64	79 678	2 027,994	20 153,630	9,938	9,470
14	15	98 989	43 782,725	737 528,359	16,845	16,377	64	65	78 092	1 875,129	18 125,636	9,666	9,198
15	16	98 961	41 293,063	693 745,634	16,801	16,333	65	66	76 390	1 730,433	16 250,507	9,391	8,923
16	17	98 928	38 942,791	652 452,572	16,754	16,286	66	67	74 596	1 594,146	14 520,074	9,108	8,640
17	18	98 887	36 723,048	613 509,780	16,706	16,238	67	68	72 692	1 465,528	12 925,927	8,820	8,352
18	19	98 831	34 624,737	576 786,733	16,658	16,190	68	69	70 699	1 344,668	11 460,399	8,523	8,055
19	20	98 763	32 642,376	542 161,996	16,609	16,141	69	70	68 609	1 231,048	10 115,731	8,217	7,749
20	21	98 693	30 772,812	509 519,620	16,557	16,089	70	71	66 392	1 123,849	8 884,684	7,906	7,438
21	22	98 619	29 009,267	478 746,808	16,503	16,035	71	72	64 045	1 022,753	7 760,835	7,588	7,120
22	23	98 543	27 346,308	449 737,541	16,446	15,978	72	73	61 545	927,188	6 738,082	7,267	6,799
23	24	98 469	25 778,801	422 391,233	16,385	15,917	73	74	58 903	837,156	5 810,894	6,941	6,473
24	25	98 397	24 301,996	396 612,432	16,320	15,852	74	75	56 081	751,938	4 973,738	6,615	6,147
25	26	98 321	22 908,542	372 310,436	16,252	15,784	75	76	53 019	670,645	4 221,800	6,295	5,827
26	27	98 243	21 594,847	349 401,894	16,180	15,712	76	77	49 784	594,081	3 551,156	5,978	5,510
27	28	98 160	20 355,190	327 807,047	16,104	15,636	77	78	46 390	522,238	2 957,074	5,662	5,194
28	29	98 073	19 186,002	307 451,856	16,025	15,557	78	79	42 803	454,586	2 434,836	5,356	4,888
29	30	97 986	18 083,935	288 265,854	15,940	15,472	79	80	39 070	391,455	1 980,250	5,059	4,591
30	31	97 894	17 044,272	270 181,919	15,852	15,384	80	81	35 235	333,046	1 588,795	4,770	4,303
31	32	97 801	16 064,360	253 137,647	15,758	15,290	81	82	31 375	279,776	1 255,748	4,488	4,020
32	33	97 697	15 138,871	237 073,287	15,660	15,192	82	83	27 485	231,216	975,973	4,221	3,753
33	34	97 589	14 266,237	221 934,416	15,557	15,089	83	84	23 692	188,026	744,756	3,961	3,493
34	35	97 474	13 442,728	207 668,179	15,448	14,980	84	85	20 047	150,090	556,730	3,709	3,241
35	36	97 358	12 666,720	194 225,451	15,334	14,866	85	86	16 582	117,124	406,640	3,472	3,004
36	37	97 230	11 934,024	181 558,732	15,214	14,746	86	87	13 388	89,211	289,515	3,245	2,777
37	38	97 092	11 242,593	169 624,708	15,088	14,620	87	88	10 495	65,973	200,304	3,036	2,568
38	39	96 946	10 590,257	158 382,115	14,955	14,487	88	89	7 966	47,240	134,331	2,844	2,376
39	40	96 775	9 973,224	147 791,858	14,819	14,351	89	90	5 824	32,585	87,092	2,673	2,205
40	41	96 596	9 391,264	137 818,633	14,675	14,207	90	91	4 099	21,636	54,507	2,519	2,051
41	42	96 395	8 841,226	128 427,369	14,526	14,058	91	92	2 778	13,830	32,871	2,377	1,909
42	43	96 177	8 321,942	119 586,144	14,370	13,902	92	93	1 802	8,465	19,041	2,249	1,781
43	44	95 932	7 830,855	111 264,202	14,208	13,740	93	94	1 119	4,961	10,576	2,132	1,664
44	45	95 653	7 366,143	103 433,347	14,042	13,574	94	95	663	2,773	5,615	2,025	1,557
45	46	95 341	6 926,564	96 067,204	13,869	13,401	95	96	374	1,474	2,842	1,928	1,460
46	47	94 996	6 510,833	89 140,640	13,691	13,223	96	97	200	0,743	1,368	1,840	1,372
47	48	94 606	6 117,084	82 629,807	13,508	13,040	97	98	101	0,355	0,624	1,760	1,292
48	49	94 166	5 743,999	76 512,723	13,320	12,852	98	99	48	0,160	0,270	1,687	1,219
49	50	93 671	5 390,373	70 768,724	13,129	12,661	99	100	22	0,068	0,110	1,621	1,153

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß   6,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	2	99 658	99 658,418	1 713 913,058	17,198	16,730	50	52	92 902	5 043,500	64 815,117	12,851	12,383
1	3	99 258	93 639,785	1 614 254,640	17,239	16,771	51	53	92 276	4 725,972	59 771,617	12,647	12,180
2	4	99 215	88 300,646	1 520 614,856	17,221	16,753	52	54	91 564	4 424,030	55 045,645	12,442	11,974
3	5	99 184	83 276,848	1 432 314,209	17,199	16,731	53	55	90 815	4 139,468	50 621,615	12,229	11,761
4	6	99 160	78 544,199	1 349 037,362	17,176	16,708	54	56	89 993	3 869,843	46 482,147	12,011	11,543
5	7	99 138	74 082,009	1 270 493,162	17,150	16,682	55	57	89 099	3 614,500	42 612,304	11,789	11,321
6	8	99 119	69 875,139	1 196 411,154	17,122	16,654	56	58	88 142	3 373,298	38 997,804	11,561	11,093
7	9	99 101	65 908,124	1 126 536,014	17,093	16,625	57	59	87 113	3 145,221	35 624,506	11,327	10,859
8	10	99 086	62 168,063	1 060 627,891	17,061	16,593	58	60	86 005	2 929,419	32 479,285	11,087	10,619
9	11	99 071	58 640,069	998 459,827	17,027	16,559	59	61	84 789	2 724,536	29 549,866	10,846	10,378
10	12	99 055	55 312,052	939 819,758	16,991	16,523	60	62	83 497	2 531,159	26 825,330	10,598	10,130
11	13	99 039	52 172,317	884 507,706	16,954	16,486	61	63	82 108	2 348,166	24 294,171	10,346	9,878
12	14	99 021	49 210,535	832 335,389	16,914	16,446	62	64	80 644	2 175,758	21 946,006	10,087	9,619
13	15	99 000	46 414,835	783 124,854	16,872	16,404	63	65	79 092	2 013,089	19 770,248	9,821	9,353
14	16	98 976	43 777,217	736 710,019	16,829	16,361	64	66	77 482	1 860,485	17 757,159	9,544	9,076
15	17	98 946	41 286,709	692 932,801	16,783	16,315	65	67	75 736	1 715,631	15 896,674	9,266	8,798
16	18	98 913	38 936,542	651 646,092	16,736	16,268	66	68	73 915	1 579,588	14 181,044	8,978	8,510
17	19	98 864	36 714,660	612 709,550	16,688	16,220	67	69	71 986	1 451,297	12 601,455	8,683	8,215
18	20	98 810	34 617,586	575 994,891	16,639	16,171	68	70	69 948	1 330,385	11 150,158	8,381	7,913
19	21	98 741	32 635,129	541 377,305	16,589	16,121	69	71	67 813	1 216,762	9 819,773	8,070	7,602
20	22	98 672	30 766,372	508 742,176	16,536	16,068	70	72	65 537	1 109,377	8 603,011	7,755	7,287
21	23	98 597	29 002,759	477 975,804	16,480	16,012	71	73	63 118	1 007,946	7 493,635	7,435	6,967
22	24	98 521	27 340,057	448 973,044	16,422	15,954	72	74	60 544	912,111	6 485,689	7,111	6,643
23	25	98 449	25 773,590	421 632,988	16,359	15,891	73	75	57 807	821,578	5 573,578	6,784	6,316
24	26	98 376	24 296,650	395 859,397	16,293	15,825	74	76	54 878	735,803	4 752,000	6,458	5,990
25	27	98 297	22 903,121	371 562,747	16,223	15,755	75	77	51 721	654,219	4 016,197	6,139	5,671
26	28	98 217	21 589,046	348 659,627	16,150	15,682	76	78	48 404	577,611	3 361,978	5,820	5,353
27	29	98 135	20 350,043	327 070,581	16,072	15,604	77	79	44 902	505,491	2 784,367	5,508	5,040
28	30	98 045	19 180,497	306 720,538	15,991	15,523	78	80	41 249	438,082	2 278,876	5,202	4,734
29	31	97 958	18 078,817	287 540,041	15,905	15,437	79	81	37 438	375,106	1 840,794	4,907	4,439
30	32	97 864	17 039,124	269 461,224	15,814	15,346	80	82	33 558	317,197	1 465,688	4,621	4,153
31	33	97 767	16 058,665	252 422,100	15,719	15,251	81	83	29 645	264,348	1 148,491	4,345	3,877
32	34	97 661	15 133,336	236 363,434	15,619	15,151	82	84	25 762	216,716	884,144	4,080	3,612
33	35	97 548	14 260,177	221 230,099	15,514	15,046	83	85	21 979	174,429	667,427	3,826	3,358
34	36	97 435	13 437,381	206 969,922	15,403	14,935	84	86	18 388	137,670	492,999	3,581	3,113
35	37	97 311	12 660,700	193 532,541	15,286	14,818	85	87	15 020	106,089	355,329	3,349	2,881
36	38	97 178	11 927,655	180 871,840	15,164	14,696	86	88	11 938	79,550	249,240	3,133	2,665
37	39	97 038	11 236,334	168 944,185	15,036	14,568	87	89	9 211	57,906	169,690	2,930	2,462
38	40	96 882	10 583,251	157 707,851	14,902	14,434	88	90	6 838	40,554	111,784	2,756	2,288
39	41	96 707	9 966,181	147 124,600	14,762	14,294	89	91	4 923	27,541	71,230	2,586	2,118
40	42	96 518	9 383,737	137 158,419	14,617	14,149	90	92	3 371	17,792	43,689	2,456	1,988
41	43	96 309	8 833,356	127 774,682	14,465	13,997	91	93	2 252	11,213	25,898	2,310	1,842
42	44	96 078	8 313,421	118 941,326	14,307	13,839	92	94	1 429	6,710	14,684	2,188	1,720
43	45	95 824	7 822,060	110 627,905	14,143	13,675	93	95	867	3,840	7,974	2,076	1,608
44	46	95 532	7 356,794	102 805,845	13,974	13,506	94	96	501	2,093	4,134	1,975	1,507
45	47	95 207	6 916,804	95 449,052	13,800	13,332	95	97	275	1,084	2,040	1,882	1,414
46	48	94 841	6 500,187	88 532,248	13,620	13,152	96	98	143	0,532	0,956	1,798	1,330
47	49	94 439	6 106,266	82 032,061	13,434	12,966	97	99	70	0,247	0,425	1,722	1,254
48	50	93 973	5 732,180	75 925,795	13,246	12,778	98	100	33	0,108	0,178	1,653	1,185
49	51	93 465	5 378,498	70 193,615	13,051	12,583							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß   6,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	3	99 644	99 643,575	1 712 931,183	17,191	16,723	50	53	92 647	5 029,653	64 207,826	12,766	12,298
1	4	99 247	93 629,322	1 613 287,608	17,231	16,763	51	54	91 999	4 711,764	59 178,173	12,560	12,092
2	5	99 203	88 290,123	1 519 658,286	17,212	16,744	52	55	91 271	4 409,912	54 466,410	12,351	11,883
3	6	99 174	83 268,430	1 431 368,164	17,190	16,722	53	56	90 493	4 124,801	50 056,497	12,135	11,668
4	7	99 152	78 537,359	1 348 099,733	17,165	16,697	54	57	89 654	3 855,245	45 931,696	11,914	11,446
5	8	99 130	74 075,651	1 269 562,374	17,139	16,671	55	58	88 742	3 600,054	42 076,451	11,688	11,220
6	9	99 112	69 869,993	1 195 486,724	17,110	16,642	56	59	87 753	3 358,414	38 476,397	11,457	10,989
7	10	99 095	65 903,577	1 125 616,731	17,080	16,612	57	60	86 702	3 130,369	35 117,983	11,218	10,751
8	11	99 079	62 163,651	1 059 713,153	17,047	16,579	58	61	85 541	2 913,632	31 987,614	10,979	10,511
9	12	99 063	58 635,380	997 549,502	17,013	16,545	59	62	84 302	2 708,879	29 073,983	10,733	10,265
10	13	99 047	55 307,599	938 914,122	16,976	16,508	60	63	82 970	2 515,193	26 365,103	10,482	10,014
11	14	99 030	52 167,644	883 606,523	16,938	16,470	61	64	81 555	2 332,344	23 849,910	10,226	9,758
12	15	99 011	49 205,201	831 438,879	16,897	16,429	62	65	80 052	2 159,767	21 517,566	9,963	9,495
13	16	98 987	46 408,997	782 233,678	16,855	16,387	63	66	78 474	1 997,367	19 357,799	9,692	9,224
14	17	98 961	43 770,481	735 824,681	16,811	16,343	64	67	76 819	1 844,570	17 360,432	9,412	8,944
15	18	98 930	41 280,084	692 054,200	16,765	16,297	65	68	75 045	1 699,963	15 515,863	9,127	8,659
16	19	98 890	38 927,648	650 774,116	16,718	16,250	66	69	73 197	1 564,249	13 815,900	8,832	8,364
17	20	98 844	36 707,077	611 846,468	16,668	16,200	67	70	71 222	1 435,882	12 251,650	8,532	8,065
18	21	98 788	34 609,901	575 139,391	16,618	16,150	68	71	69 136	1 314,947	10 815,768	8,225	7,757
19	22	98 720	32 628,299	540 529,490	16,566	16,098	69	72	66 939	1 201,093	9 500,822	7,910	7,442
20	23	98 650	30 759,470	507 901,191	16,512	16,044	70	73	64 589	1 093,315	8 299,729	7,591	7,123
21	24	98 574	28 996,130	477 141,721	16,455	15,987	71	74	62 092	991,555	7 206,413	7,268	6,800
22	25	98 501	27 334,530	448 145,591	16,395	15,927	72	75	59 417	895,139	6 214,858	6,943	6,475
23	26	98 427	25 767,920	420 811,061	16,331	15,863	73	76	56 566	803,949	5 319,719	6,617	6,149
24	27	98 352	24 290,900	395 043,140	16,263	15,795	74	77	53 534	717,781	4 515,770	6,291	5,823
25	28	98 271	22 896,968	370 752,240	16,192	15,724	75	78	50 287	636,081	3 797,989	5,971	5,503
26	29	98 192	21 583,586	347 855,273	16,117	15,649	76	79	46 852	559,088	3 161,907	5,655	5,188
27	30	98 107	20 344,204	326 271,686	16,038	15,570	77	80	43 272	487,139	2 602,819	5,343	4,875
28	31	98 017	19 175,069	305 927,482	15,954	15,486	78	81	39 526	419,785	2 115,681	5,040	4,572
29	32	97 928	18 073,357	286 752,414	15,866	15,398	79	82	35 657	357,254	1 695,895	4,747	4,279
30	33	97 829	17 033,084	268 679,057	15,774	15,306	80	83	31 708	299,705	1 338,641	4,467	3,999
31	34	97 731	16 052,794	251 645,973	15,676	15,208	81	84	27 786	247,770	1 038,936	4,193	3,725
32	35	97 620	15 126,907	235 593,179	15,574	15,106	82	85	23 899	201,044	791,166	3,935	3,467
33	36	97 509	14 254,505	220 466,272	15,466	14,998	83	86	20 160	159,994	590,122	3,688	3,220
34	37	97 388	13 430,996	206 211,767	15,353	14,885	84	87	16 655	124,698	430,128	3,449	2,981
35	38	97 259	12 653,944	192 780,771	15,235	14,767	85	88	13 393	94,600	305,429	3,229	2,761
36	39	97 124	11 921,015	180 126,828	15,110	14,642	86	89	10 478	69,822	210,829	3,020	2,552
37	40	96 974	11 228,901	168 205,813	14,980	14,512	87	90	7 908	49,711	141,007	2,837	2,369
38	41	96 813	10 575,777	156 976,912	14,843	14,375	88	91	5 780	34,277	91,296	2,664	2,196
39	42	96 629	9 958,193	146 401,136	14,702	14,234	89	92	4 048	22,647	57,019	2,518	2,050
40	43	96 433	9 375,385	136 442,942	14,553	14,085	90	93	2 733	14,425	34,372	2,383	1,915
41	44	96 210	8 824,311	127 067,558	14,400	13,932	91	94	1 785	8,889	19,947	2,244	1,776
42	45	95 971	8 304,084	118 243,246	14,239	13,771	92	95	1 106	5,195	11,058	2,129	1,661
43	46	95 702	7 812,132	109 939,163	14,073	13,605	93	96	654	2,899	5,863	2,022	1,554
44	47	95 397	7 346,427	102 127,031	13,902	13,434	94	97	368	1,539	2,964	1,926	1,458
45	48	95 051	6 905,494	94 780,604	13,725	13,257	95	98	197	0,775	1,425	1,838	1,370
46	49	94 673	6 488,692	87 875,110	13,543	13,075	96	99	99	0,369	0,650	1,758	1,290
47	50	94 245	6 093,702	81 386,418	13,356	12,888	97	100	47	0,166	0,280	1,686	1,218
48	51	93 766	5 719,552	75 292,717	13,164	12,696							
49	52	93 236	5 365,338	69 573,165	12,967	12,499							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß   6,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	4	99 632	99 632,441	1 711 881,409	17,182	16,714	50	54	92 368	5 014,531	63 554,506	12,674	12,206
1	5	99 235	93 618,163	1 612 248,968	17,222	16,754	51	55	91 705	4 696,727	58 539,975	12,464	11,996
2	6	99 193	88 281,199	1 518 630,805	17,202	16,734	52	56	90 948	4 394,287	53 843,248	12,253	11,785
3	7	99 165	83 261,179	1 430 349,606	17,179	16,711	53	57	90 151	4 109,242	49 448,961	12,034	11,566
4	8	99 143	78 530,618	1 347 088,427	17,154	16,686	54	58	89 295	3 839,837	45 339,719	11,808	11,340
5	9	99 123	74 070,195	1 268 557,809	17,126	16,658	55	59	88 351	3 584,170	41 499,882	11,579	11,111
6	10	99 105	69 865,173	1 194 487,614	17,097	16,629	56	60	87 339	3 342,555	37 915,712	11,343	10,875
7	11	99 088	65 898,900	1 124 622,440	17,066	16,598	57	61	86 235	3 113,498	34 573,156	11,104	10,636
8	12	99 071	62 158,680	1 058 723,541	17,033	16,565	58	62	85 050	2 896,888	31 459,658	10,860	10,392
9	13	99 055	58 630,660	996 564,860	16,997	16,529	59	63	83 770	2 691,792	28 562,771	10,611	10,143
10	14	99 039	55 302,645	937 934,201	16,960	16,492	60	64	82 411	2 498,246	25 870,978	10,356	9,888
11	15	99 019	52 161,990	882 631,556	16,921	16,453	61	65	80 956	2 315,203	23 372,732	10,095	9,627
12	16	98 998	49 199,012	830 469,566	16,880	16,412	62	66	79 427	2 142,900	21 057,529	9,827	9,359
13	17	98 972	46 401,856	781 270,554	16,837	16,369	63	67	77 803	1 980,281	18 914,630	9,551	9,084
14	18	98 945	43 763,457	734 868,699	16,792	16,324	64	68	76 118	1 827,724	16 934,349	9,265	8,797
15	19	98 908	41 270,655	691 105,241	16,746	16,278	65	69	74 316	1 683,455	15 106,624	8,974	8,506
16	20	98 869	38 919,608	649 834,587	16,697	16,229	66	70	72 420	1 547,635	13 423,169	8,673	8,205
17	21	98 822	36 698,928	610 914,978	16,647	16,179	67	71	70 395	1 419,219	11 875,534	8,368	7,900
18	22	98 768	34 602,657	574 216,050	16,595	16,127	68	72	68 246	1 298,014	10 456,315	8,056	7,588
19	23	98 698	32 620,980	539 613,393	16,542	16,074	69	73	65 970	1 183,704	9 158,302	7,737	7,269
20	24	98 627	30 752,439	506 992,413	16,486	16,018	70	74	63 538	1 075,537	7 974,597	7,415	6,947
21	25	98 554	28 990,269	476 239,974	16,428	15,960	71	75	60 936	973,105	6 899,061	7,090	6,622
22	26	98 479	27 328,517	447 249,705	16,366	15,898	72	76	58 142	875,931	5 925,956	6,765	6,297
23	27	98 404	25 761,822	419 921,188	16,300	15,832	73	77	55 181	784,258	5 050,025	6,439	5,971
24	28	98 326	24 284,374	394 159,366	16,231	15,763	74	78	52 049	697,882	4 265,767	6,112	5,644
25	29	98 246	22 891,178	369 874,992	16,158	15,690	75	79	48 674	615,683	3 567,885	5,795	5,327
26	30	98 164	21 577,394	346 983,814	16,081	15,613	76	80	45 151	538,790	2 952,202	5,479	5,011
27	31	98 079	20 338,446	325 406,420	16,000	15,532	77	81	41 464	466,793	2 413,412	5,170	4,702
28	32	97 987	19 169,277	305 067,974	15,914	15,446	78	82	37 645	399,808	1 946,619	4,869	4,401
29	33	97 894	18 066,950	285 898,697	15,824	15,356	79	83	33 690	337,554	1 546,811	4,582	4,114
30	34	97 794	17 026,857	267 831,747	15,730	15,262	80	84	29 719	280,910	1 209,257	4,305	3,837
31	35	97 690	16 045,975	250 804,891	15,630	15,162	81	85	25 776	229,852	928,347	4,039	3,571
32	36	97 581	15 120,891	234 758,916	15,525	15,058	82	86	21 921	184,407	698,495	3,788	3,320
33	37	97 463	14 247,731	219 638,025	15,416	14,948	83	87	18 260	144,919	514,088	3,547	3,079
34	38	97 337	13 423,828	205 390,294	15,300	14,832	84	88	14 852	111,194	369,169	3,320	2,852
35	39	97 205	12 646,899	191 966,467	15,179	14,711	85	89	11 756	83,032	257,975	3,107	2,639
36	40	97 059	11 913,128	179 319,568	15,052	14,584	86	90	8 996	59,941	174,943	2,919	2,451
37	41	96 905	11 220,971	167 406,439	14,919	14,451	87	91	6 684	42,016	115,002	2,737	2,269
38	42	96 736	10 567,300	156 185,469	14,780	14,312	88	92	4 753	28,186	72,986	2,589	2,121
39	43	96 543	9 949,330	145 618,169	14,636	14,168	89	93	3 282	18,362	44,800	2,440	1,972
40	44	96 334	9 365,785	135 668,839	14,486	14,018	90	94	2 167	11,435	26,438	2,312	1,844
41	45	96 102	8 814,400	126 303,054	14,329	13,861	91	95	1 382	6,881	15,003	2,180	1,712
42	46	95 849	8 293,544	117 488,654	14,166	13,698	92	96	835	3,922	8,121	2,071	1,603
43	47	95 567	7 801,124	109 195,110	13,997	13,529	93	97	481	2,132	4,200	1,970	1,502
44	48	95 241	7 334,415	101 393,986	13,824	13,356	94	98	263	1,101	2,068	1,878	1,410
45	49	94 883	6 893,282	94 059,572	13,645	13,177	95	99	137	0,539	0,967	1,795	1,327
46	50	94 478	6 475,341	87 166,290	13,461	12,993	96	100	67	0,249	0,428	1,719	1,251
47	51	94 037	6 080,277	80 690,949	13,271	12,803							
48	52	93 536	5 705,558	74 610,672	13,077	12,609							
49	53	92 980	5 350,608	68 905,115	12,878	12,410							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß   6,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	5	99 621	99 620,567	1 710 754,885	17,173	16,705	50	55	92 074	4 998,529	62 852,945	12,574	12,106
1	6	99 225	93 608,701	1 611 134,318	17,211	16,743	51	56	91 380	4 680,086	57 854,416	12,362	11,894
2	7	99 184	88 273,511	1 517 525,618	17,191	16,723	52	57	90 605	4 377,711	53 174,330	12,147	11,679
3	8	99 157	83 254,032	1 429 252,107	17,167	16,699	53	58	89 791	4 092,819	48 796,619	11,922	11,455
4	9	99 136	78 524,835	1 345 998,075	17,141	16,673	54	59	88 901	3 822,895	44 703,800	11,694	11,226
5	10	99 116	74 065,086	1 267 473,240	17,113	16,645	55	60	87 934	3 567,245	40 880,905	11,460	10,992
6	11	99 098	69 860,215	1 193 408,154	17,083	16,615	56	61	86 868	3 324,541	37 313,660	11,224	10,756
7	12	99 080	65 893,630	1 123 547,939	17,051	16,583	57	62	85 739	3 095,606	33 989,119	10,980	10,512
8	13	99 064	62 153,676	1 057 654,309	17,017	16,549	58	63	84 513	2 878,615	30 893,513	10,732	10,264
9	14	99 046	58 625,408	995 500,632	16,981	16,513	59	64	83 205	2 673,656	28 014,898	10,478	10,010
10	15	99 028	55 296,651	936 875,225	16,943	16,475	60	65	81 806	2 479,885	25 341,242	10,219	9,751
11	16	99 007	52 155,428	881 578,574	16,903	16,435	61	66	80 323	2 297,121	22 861,357	9,952	9,484
12	17	98 983	49 191,441	829 423,146	16,861	16,393	62	67	78 747	2 124,569	20 564,236	9,679	9,211
13	18	98 956	46 394,410	780 231,704	16,817	16,349	63	68	77 092	1 962,197	18 439,667	9,397	8,929
14	19	98 922	43 753,461	733 837,295	16,772	16,304	64	69	75 379	1 809,976	16 477,470	9,104	8,636
15	20	98 887	41 262,131	690 083,834	16,724	16,256	65	70	73 527	1 665,574	14 667,494	8,806	8,338
16	21	98 848	38 910,969	648 821,703	16,675	16,207	66	71	71 579	1 529,675	13 001,920	8,500	8,032
17	22	98 801	36 691,247	609 910,734	16,623	16,155	67	72	69 489	1 400,944	11 472,245	8,189	7,721
18	23	98 746	34 594,895	573 219,487	16,569	16,102	68	73	67 258	1 279,221	10 071,301	7,873	7,405
19	24	98 675	32 613,523	538 624,592	16,515	16,047	69	74	64 897	1 164,456	8 792,080	7,550	7,082
20	25	98 607	30 746,223	506 011,069	16,458	15,990	70	75	62 356	1 055,524	7 627,624	7,226	6,758
21	26	98 533	28 983,892	475 264,846	16,398	15,930	71	76	59 629	952,224	6 572,101	6,902	6,434
22	27	98 456	27 322,050	446 280,955	16,334	15,866	72	77	56 718	854,477	5 619,877	6,577	6,109
23	28	98 377	25 754,901	418 958,905	16,267	15,799	73	78	53 651	762,515	4 765,400	6,250	5,782
24	29	98 301	24 278,233	393 204,004	16,196	15,728	74	79	50 380	675,502	4 002,884	5,926	5,458
25	30	98 218	22 884,610	368 925,770	16,121	15,653	75	80	46 907	593,330	3 327,382	5,608	5,140
26	31	98 136	21 571,286	346 041,161	16,042	15,574	76	81	43 265	516,287	2 734,052	5,296	4,828
27	32	98 049	20 332,303	324 469,874	15,958	15,490	77	82	39 491	444,578	2 217,765	4,988	4,521
28	33	97 953	19 162,482	304 137,571	15,872	15,404	78	83	35 569	377,760	1 773,187	4,694	4,226
29	34	97 858	18 060,344	284 975,089	15,779	15,311	79	84	31 578	316,385	1 395,426	4,411	3,943
30	35	97 752	17 019,624	266 914,744	15,683	15,215	80	85	27 570	260,596	1 079,041	4,141	3,673
31	36	97 651	16 039,592	249 895,120	15,580	15,112	81	86	23 643	210,831	818,445	3,882	3,414
32	37	97 535	15 113,705	233 855,528	15,473	15,005	82	87	19 855	167,032	607,614	3,638	3,170
33	38	97 411	14 240,127	218 741,823	15,361	14,893	83	88	16 283	129,226	440,583	3,409	2,941
34	39	97 282	13 416,354	204 501,696	15,243	14,775	84	89	13 036	97,597	311,357	3,190	2,722
35	40	97 141	12 638,532	191 085,341	15,119	14,651	85	90	10 092	71,281	213,760	2,999	2,531
36	41	96 991	11 904,715	178 446,809	14,990	14,522	86	91	7 603	50,663	142,479	2,812	2,344
37	42	96 828	11 211,977	166 542,094	14,854	14,386	87	92	5 496	34,550	91,816	2,657	2,190
38	43	96 650	10 557,894	155 330,117	14,712	14,244	88	93	3 853	22,853	57,266	2,506	2,038
39	44	96 445	9 939,142	144 772,223	14,566	14,098	89	94	2 602	14,556	34,413	2,364	1,896
40	45	96 226	9 355,266	134 833,081	14,413	13,945	90	95	1 677	8,852	19,857	2,243	1,775
41	46	95 980	8 803,213	125 477,815	14,254	13,786	91	96	1 043	5,195	11,005	2,118	1,650
42	47	95 714	8 281,857	116 674,602	14,088	13,620	92	97	614	2,884	5,810	2,015	1,547
43	48	95 411	7 788,368	108 392,745	13,917	13,449	93	98	344	1,525	2,926	1,919	1,451
44	49	95 072	7 321,444	100 604,377	13,741	13,273	94	99	183	0,765	1,402	1,832	1,364
45	50	94 688	6 879,098	93 282,933	13,560	13,092	95	100	92	0,363	0,637	1,753	1,285
46	51	94 270	6 461,075	86 403,835	13,373	12,905							
47	52	93 807	6 065,400	79 942,760	13,180	12,712							
48	53	93 279	5 689,894	73 877,360	12,984	12,516							
49	54	92 701	5 334,521	68 187,466	12,782	12,314							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß   6,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	6	99 610	99 610,498	1 709 547,055	17,162	16,694	50	56	91 747	4 980,818	62 100,478	12,468	12,000
1	7	99 217	93 600,548	1 609 936,557	17,200	16,732	51	57	91 036	4 662,432	57 119,659	12,251	11,783
2	8	99 176	88 265,934	1 516 336,008	17,179	16,711	52	58	90 243	4 360,215	52 457,228	12,031	11,563
3	9	99 150	83 247,901	1 428 070,074	17,154	16,686	53	59	89 395	4 074,760	48 097,012	11,804	11,336
4	10	99 129	78 519,418	1 344 822,173	17,127	16,659	54	60	88 482	3 804,843	44 022,252	11,570	11,102
5	11	99 109	74 059,829	1 266 302,755	17,098	16,630	55	61	87 460	3 548,020	40 217,409	11,335	10,867
6	12	99 090	69 854,629	1 192 242,926	17,067	16,600	56	62	86 369	3 305,436	36 669,389	11,094	10,626
7	13	99 072	65 888,326	1 122 388,297	17,035	16,567	57	63	85 198	3 076,080	33 363,953	10,846	10,378
8	14	99 055	62 148,109	1 056 499,971	17,000	16,532	58	64	83 944	2 859,220	30 287,874	10,593	10,125
9	15	99 036	58 619,054	994 351,863	16,963	16,495	59	65	82 594	2 654,006	27 428,654	10,335	9,867
10	16	99 015	55 289,695	935 732,809	16,924	16,456	60	66	81 167	2 460,518	24 774,648	10,069	9,601
11	17	98 991	52 147,403	880 443,114	16,884	16,416	61	67	79 636	2 277,471	22 314,130	9,798	9,330
12	18	98 967	49 183,547	828 295,711	16,841	16,373	62	68	78 028	2 105,166	20 036,659	9,518	9,050
13	19	98 933	46 383,813	779 112,164	16,797	16,329	63	69	76 344	1 943,143	17 931,493	9,228	8,760
14	20	98 902	43 744,424	732 728,351	16,750	16,282	64	70	74 578	1 790,751	15 988,351	8,928	8,460
15	21	98 865	41 252,971	688 983,927	16,701	16,233	65	71	72 673	1 646,246	14 197,599	8,624	8,156
16	22	98 827	38 902,825	647 730,956	16,650	16,182	66	72	70 657	1 509,977	12 551,353	8,312	7,844
17	23	98 779	36 683,016	608 828,131	16,597	16,129	67	73	68 483	1 380,661	11 041,376	7,997	7,529
18	24	98 723	34 586,987	572 145,114	16,542	16,074	68	74	66 164	1 258,420	9 660,715	7,677	7,209
19	25	98 656	32 606,931	537 558,127	16,486	16,018	69	75	63 690	1 142,788	8 402,296	7,352	6,884
20	26	98 586	30 739,459	504 951,197	16,427	15,959	70	76	61 018	1 032,874	7 259,508	7,028	6,560
21	27	98 509	28 977,032	474 211,737	16,365	15,897	71	77	58 168	928,901	6 226,633	6,703	6,235
22	28	98 430	27 314,710	445 234,705	16,300	15,832	72	78	55 146	830,788	5 297,732	6,377	5,909
23	29	98 352	25 748,388	417 919,996	16,231	15,763	73	79	51 930	738,063	4 466,944	6,052	5,584
24	30	98 273	24 271,268	392 171,607	16,158	15,690	74	80	48 551	650,977	3 728,881	5,728	5,260
25	31	98 190	22 878,133	367 900,340	16,081	15,613	75	81	44 948	568,550	3 077,904	5,414	4,946
26	32	98 106	21 564,771	345 022,207	15,999	15,531	76	82	41 206	491,717	2 509,354	5,103	4,635
27	33	98 015	20 325,096	323 457,436	15,914	15,446	77	83	37 313	420,062	2 017,638	4,803	4,335
28	34	97 917	19 155,476	303 132,339	15,825	15,357	78	84	33 339	354,070	1 597,575	4,512	4,044
29	35	97 816	18 052,673	283 976,864	15,730	15,262	79	85	29 294	293,506	1 243,505	4,237	3,769
30	36	97 713	17 012,854	265 924,191	15,631	15,163	80	86	25 288	239,030	949,999	3,974	3,506
31	37	97 604	16 031,970	248 911,337	15,526	15,058	81	87	21 416	190,966	710,969	3,723	3,255
32	38	97 483	15 105,639	232 879,367	15,417	14,949	82	88	17 705	148,943	520,003	3,491	3,023
33	39	97 357	14 232,200	217 773,728	15,301	14,834	83	89	14 292	113,423	371,060	3,271	2,804
34	40	97 218	13 407,479	203 541,528	15,181	14,713	84	90	11 191	83,785	257,637	3,075	2,607
35	41	97 072	12 629,607	190 134,049	15,055	14,587	85	91	8 530	60,247	173,852	2,886	2,418
36	42	96 913	11 895,173	177 504,443	14,922	14,454	86	92	6 252	41,661	113,604	2,727	2,259
37	43	96 741	11 201,997	165 609,269	14,784	14,316	87	93	4 456	28,012	71,944	2,568	2,100
38	44	96 551	10 547,084	154 407,272	14,640	14,172	88	94	3 055	18,116	43,931	2,425	1,957
39	45	96 336	9 927,979	143 860,188	14,490	14,022	89	95	2 014	11,268	25,815	2,291	1,823
40	46	96 103	9 343,392	133 932,209	14,334	13,866	90	96	1 266	6,683	14,547	2,177	1,709
41	47	95 845	8 790,808	124 588,818	14,173	13,705	91	97	767	3,820	7,864	2,059	1,591
42	48	95 557	8 268,316	115 798,010	14,005	13,537	92	98	439	2,062	4,044	1,961	1,493
43	49	95 242	7 774,595	107 529,694	13,831	13,363	93	99	239	1,059	1,981	1,870	1,402
44	50	94 877	7 306,379	99 755,099	13,653	13,185	94	100	123	0,516	0,922	1,788	1,320
45	51	94 480	6 863,943	92 448,720	13,469	13,001							
46	52	94 040	6 445,266	85 584,777	13,279	12,811							
47	53	93 549	6 048,748	79 139,510	13,084	12,616							
48	54	92 999	5 672,787	73 090,762	12,884	12,416							
49	55	92 405	5 317,498	67 417,975	12,679	12,211							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß   6,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	7	99 602	99 601,823	1 708 250,491	17,151	16,683	50	57	91 401	4 962,030	61 295,269	12,353	11,885
1	8	99 208	93 592,515	1 608 648,668	17,188	16,720	51	58	90 672	4 643,798	56 333,239	12,131	11,663
2	9	99 168	88 259,434	1 515 056,153	17,166	16,698	52	59	89 845	4 340,977	51 689,441	11,907	11,439
3	10	99 143	83 242,158	1 426 796,719	17,140	16,672	53	60	88 973	4 055,519	47 348,464	11,675	11,207
4	11	99 122	78 513,845	1 343 554,561	17,112	16,644	54	61	88 005	3 784,337	43 292,946	11,440	10,972
5	12	99 101	74 053,907	1 265 040,715	17,083	16,615	55	62	86 957	3 527,631	39 508,608	11,200	10,732
6	13	99 082	69 849,005	1 190 986,808	17,051	16,583	56	63	85 824	3 284,587	35 980,978	10,954	10,487
7	14	99 063	65 882,424	1 121 137,803	17,017	16,549	57	64	84 624	3 055,354	32 696,391	10,701	10,233
8	15	99 044	62 141,373	1 055 255,379	16,982	16,514	58	65	83 327	2 838,206	29 641,038	10,444	9,976
9	16	99 023	58 611,680	993 114,006	16,944	16,476	59	66	81 949	2 633,278	26 802,832	10,179	9,711
10	17	99 000	55 281,187	934 502,327	16,905	16,437	60	67	80 472	2 439,470	24 169,553	9,908	9,440
11	18	98 975	52 139,035	879 221,139	16,863	16,395	61	68	78 909	2 256,672	21 730,083	9,629	9,161
12	19	98 944	49 172,313	827 082,104	16,820	16,352	62	69	77 270	2 084,724	19 473,411	9,341	8,873
13	20	98 913	46 374,232	777 909,791	16,775	16,307	63	70	75 533	1 922,503	17 388,687	9,045	8,577
14	21	98 880	43 734,714	731 535,559	16,727	16,259	64	71	73 713	1 769,970	15 466,184	8,738	8,270
15	22	98 844	41 244,337	687 800,845	16,676	16,208	65	72	71 738	1 625,047	13 696,214	8,428	7,960
16	23	98 805	38 894,098	646 556,508	16,624	16,156	66	73	69 634	1 488,116	12 071,167	8,112	7,644
17	24	98 756	36 674,631	607 662,410	16,569	16,101	67	74	67 369	1 358,210	10 583,051	7,792	7,324
18	25	98 703	34 579,996	570 987,779	16,512	16,044	68	75	64 933	1 235,004	9 224,841	7,469	7,002
19	26	98 634	32 599,758	536 407,783	16,454	15,986	69	76	62 323	1 118,266	7 989,837	7,145	6,677
20	27	98 562	30 732,184	503 808,025	16,393	15,926	70	77	59 524	1 007,576	6 871,571	6,820	6,352
21	28	98 483	28 969,247	473 075,841	16,330	15,862	71	78	56 556	903,149	5 863,995	6,493	6,025
22	29	98 405	27 307,803	444 106,593	16,263	15,795	72	79	53 377	804,146	4 960,846	6,169	5,701
23	30	98 324	25 741,001	416 798,791	16,192	15,724	73	80	50 045	711,267	4 156,700	5,844	5,376
24	31	98 245	24 264,398	391 057,790	16,117	15,649	74	81	46 523	623,789	3 445,433	5,523	5,055
25	32	98 160	22 871,223	366 793,392	16,037	15,569	75	82	42 809	541,492	2 821,645	5,211	4,743
26	33	98 072	21 557,127	343 922,169	15,954	15,486	76	83	38 934	464,602	2 280,153	4,908	4,440
27	34	97 979	20 317,665	322 365,042	15,866	15,398	77	84	34 973	393,719	1 815,551	4,611	4,143
28	35	97 875	19 147,339	302 047,377	15,775	15,307	78	85	30 928	328,466	1 421,832	4,329	3,861
29	36	97 777	18 045,492	282 900,039	15,677	15,209	79	86	26 870	269,217	1 093,366	4,061	3,593
30	37	97 667	17 004,770	264 854,546	15,575	15,107	80	87	22 906	216,508	824,149	3,807	3,339
31	38	97 552	16 023,414	247 849,777	15,468	15,000	81	88	19 096	170,286	607,641	3,568	3,100
32	39	97 428	15 097,229	231 826,363	15,356	14,888	82	89	15 540	130,730	437,355	3,345	2,878
33	40	97 292	14 222,784	216 729,133	15,238	14,770	83	90	12 269	97,372	306,626	3,149	2,681
34	41	97 149	13 398,010	202 506,349	15,115	14,647	84	91	9 458	70,816	209,254	2,955	2,487
35	42	96 994	12 619,484	189 108,339	14,985	14,517	85	92	7 014	49,542	138,438	2,794	2,326
36	43	96 827	11 884,586	176 488,855	14,850	14,382	86	93	5 069	33,777	88,896	2,632	2,164
37	44	96 642	11 190,527	164 604,269	14,709	14,241	87	94	3 533	22,207	55,119	2,482	2,014
38	45	96 442	10 535,238	153 413,742	14,562	14,094	88	95	2 365	14,024	32,912	2,347	1,879
39	46	96 214	9 915,378	142 878,504	14,410	13,942	89	96	1 521	8,507	18,888	2,220	1,752
40	47	95 968	9 330,226	132 963,126	14,251	13,783	90	97	931	4,914	10,381	2,113	1,645
41	48	95 688	8 776,434	123 632,901	14,087	13,619	91	98	549	2,732	5,467	2,001	1,533
42	49	95 388	8 253,694	114 856,467	13,916	13,448	92	99	305	1,433	2,735	1,909	1,441
43	50	95 046	7 758,597	106 602,773	13,740	13,272	93	100	161	0,714	1,302	1,823	1,355
44	51	94 668	7 290,283	98 844,176	13,558	13,090							
45	52	94 248	6 847,149	91 553,892	13,371	12,903							
46	53	93 781	6 427,572	84 706,744	13,179	12,711							
47	54	93 268	6 030,562	78 279,172	12,980	12,512							
48	55	92 702	5 654,684	72 248,609	12,777	12,309							
49	56	92 077	5 298,657	66 593,926	12,568	12,100							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß   6,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	8	99 593	99 593,274	1 706 857,859	17,138	16,670	50	58	91 036	4 942,199	60 434,812	12,228	11,760
1	9	99 201	93 585,622	1 607 264,584	17,174	16,706	51	59	90 272	4 623,308	55 492,613	12,003	11,535
2	10	99 161	88 253,345	1 513 678,962	17,152	16,684	52	60	89 420	4 320,478	50 869,305	11,774	11,306
3	11	99 136	83 236,251	1 425 425,617	17,125	16,657	53	61	88 493	4 033,662	46 548,827	11,540	11,072
4	12	99 114	78 507,567	1 342 189,366	17,096	16,628	54	62	87 499	3 762,590	42 515,164	11,299	10,831
5	13	99 093	74 047,946	1 263 681,799	17,066	16,598	55	63	86 409	3 505,380	38 752,575	11,055	10,587
6	14	99 073	69 842,748	1 189 633,853	17,033	16,565	56	64	85 246	3 262,455	35 247,195	10,804	10,336
7	15	99 052	65 875,283	1 119 791,105	16,999	16,531	57	65	84 002	3 032,898	31 984,739	10,546	10,078
8	16	99 031	62 133,556	1 053 915,822	16,962	16,494	58	66	82 676	2 816,040	28 951,841	10,281	9,813
9	17	99 008	58 602,661	991 782,266	16,924	16,456	59	67	81 248	2 610,753	26 135,801	10,011	9,543
10	18	98 984	55 272,316	933 179,605	16,883	16,415	60	68	79 738	2 417,192	23 525,048	9,732	9,264
11	19	98 953	52 127,126	877 907,289	16,842	16,374	61	69	78 143	2 234,759	21 107,857	9,445	8,977
12	20	98 924	49 162,157	825 780,163	16,797	16,329	62	70	76 450	2 062,581	18 873,098	9,150	8,682
13	21	98 891	46 363,938	776 618,006	16,750	16,283	63	71	74 656	1 900,193	16 810,517	8,847	8,379
14	22	98 859	43 725,560	730 254,068	16,701	16,233	64	72	72 763	1 747,178	14 910,324	8,534	8,066
15	23	98 822	41 235,085	686 528,508	16,649	16,181	65	73	70 699	1 601,520	13 163,146	8,219	7,751
16	24	98 782	38 885,207	645 293,423	16,595	16,127	66	74	68 502	1 463,917	11 561,626	7,898	7,430
17	25	98 736	36 667,218	606 408,215	16,538	16,070	67	75	66 115	1 332,937	10 097,708	7,576	7,108
18	26	98 681	34 572,389	569 740,997	16,480	16,012	68	76	63 540	1 208,503	8 764,772	7,253	6,785
19	27	98 610	32 592,043	535 168,608	16,420	15,952	69	77	60 797	1 090,877	7 556,268	6,927	6,459
20	28	98 536	30 723,928	502 576,566	16,358	15,890	70	78	57 873	979,642	6 465,392	6,600	6,132
21	29	98 458	28 961,922	471 852,638	16,292	15,824	71	79	54 742	874,186	5 485,749	6,275	5,807
22	30	98 376	27 299,967	442 890,716	16,223	15,755	72	80	51 439	774,951	4 611,563	5,951	5,483
23	31	98 296	25 733,715	415 590,748	16,150	15,682	73	81	47 955	681,560	3 836,612	5,629	5,161
24	32	98 215	24 257,070	389 857,033	16,072	15,604	74	82	44 309	594,102	3 155,052	5,311	4,843
25	33	98 126	22 863,116	365 599,964	15,991	15,523	75	83	40 448	511,632	2 560,949	5,005	4,537
26	34	98 036	21 549,245	342 736,848	15,905	15,437	76	84	36 492	435,466	2 049,318	4,706	4,238
27	35	97 937	20 309,034	321 187,603	15,815	15,347	77	85	32 444	365,247	1 613,852	4,419	3,951
28	36	97 836	19 139,723	300 878,569	15,720	15,252	78	86	28 368	301,284	1 248,605	4,144	3,676
29	37	97 731	18 036,917	281 738,846	15,620	15,152	79	87	24 338	243,850	947,321	3,885	3,417
30	38	97 615	16 995,694	263 701,929	15,516	15,048	80	88	20 425	193,062	703,471	3,644	3,176
31	39	97 498	16 014,494	246 706,235	15,405	14,937	81	89	16 761	149,462	510,409	3,415	2,947
32	40	97 364	15 087,242	230 691,741	15,291	14,823	82	90	13 341	112,229	360,946	3,216	2,748
33	41	97 224	14 212,740	215 604,499	15,170	14,702	83	91	10 370	82,299	248,717	3,022	2,554
34	42	97 071	13 387,272	201 391,759	15,044	14,576	84	92	7 778	58,233	166,418	2,858	2,390
35	43	96 908	12 608,252	188 004,488	14,911	14,443	85	93	5 687	40,167	108,186	2,693	2,225
36	44	96 728	11 872,417	175 396,236	14,773	14,305	86	94	4 018	26,777	68,018	2,540	2,072
37	45	96 534	11 177,958	163 523,819	14,629	14,161	87	95	2 735	17,191	41,241	2,399	1,931
38	46	96 320	10 521,866	152 345,861	14,479	14,011	88	96	1 785	10,588	24,051	2,272	1,804
39	47	96 078	9 901,406	141 823,995	14,324	13,856	89	97	1 118	6,255	13,463	2,152	1,684
40	48	95 811	9 314,970	131 922,589	14,162	13,694	90	98	666	3,515	7,208	2,051	1,583
41	49	95 519	8 760,913	122 607,619	13,995	13,527	91	99	381	1,898	3,694	1,946	1,478
42	50	95 192	8 236,710	113 846,706	13,822	13,354	92	100	206	0,966	1,795	1,858	1,390
43	51	94 837	7 741,505	105 609,995	13,642	13,174							
44	52	94 436	7 272,446	97 868,490	13,457	12,989							
45	53	93 990	6 828,351	90 596,044	13,268	12,800							
46	54	93 499	6 408,247	83 767,694	13,072	12,604							
47	55	92 971	6 011,318	77 359,447	12,869	12,401							
48	56	92 374	5 634,648	71 348,129	12,662	12,194							
49	57	91 730	5 278,669	65 713,481	12,449	11,981							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß   6,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä_{xy}^{(12)}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä_{xy}^{(12)}$
0	9	99 586	99 585,940	1 705 362,840	17,125	16,657	50	59	90 634	4 920,392	59 516,522	12,096	11,628
1	10	99 194	93 579,166	1 605 776,900	17,160	16,692	51	60	89 846	4 601,477	54 596,130	11,865	11,397
2	11	99 154	88 247,082	1 512 197,733	17,136	16,668	52	61	88 939	4 297,194	49 994,654	11,634	11,166
3	12	99 128	83 229,595	1 423 950,651	17,109	16,641	53	62	87 985	4 010,482	45 697,460	11,395	10,927
4	13	99 106	78 501,247	1 340 721,057	17,079	16,611	54	63	86 947	3 738,857	41 686,978	11,150	10,682
5	14	99 084	74 041,313	1 262 219,810	17,048	16,580	55	64	85 827	3 481,761	37 948,121	10,899	10,431
6	15	99 063	69 835,178	1 188 178,497	17,014	16,546	56	65	84 619	3 238,478	34 466,360	10,643	10,175
7	16	99 040	65 866,996	1 118 343,319	16,979	16,511	57	66	83 346	3 009,212	31 227,882	10,377	9,909
8	17	99 016	62 123,995	1 052 476,322	16,942	16,474	58	67	81 969	2 791,951	28 218,670	10,107	9,639
9	18	98 992	58 593,257	990 352,327	16,902	16,434	59	68	80 506	2 586,910	25 426,719	9,829	9,361
10	19	98 962	55 259,692	931 759,070	16,861	16,393	60	69	78 963	2 393,719	22 839,809	9,542	9,074
11	20	98 932	52 116,359	876 499,378	16,818	16,350	61	70	77 313	2 211,022	20 446,089	9,247	8,779
12	21	98 902	49 151,244	824 383,019	16,772	16,304	62	71	75 562	2 038,645	18 235,067	8,945	8,477
13	22	98 870	46 354,234	775 231,775	16,724	16,256	63	72	73 695	1 875,724	16 196,422	8,635	8,167
14	23	98 837	43 715,751	728 877,541	16,673	16,205	64	73	71 710	1 721,883	14 320,698	8,317	7,849
15	24	98 800	41 225,659	685 161,789	16,620	16,152	65	74	69 549	1 575,477	12 598,815	7,997	7,529
16	25	98 762	38 877,347	643 936,130	16,563	16,095	66	75	67 227	1 436,677	11 023,338	7,673	7,205
17	26	98 715	36 659,152	605 058,783	16,505	16,037	67	76	64 697	1 304,335	9 586,660	7,350	6,882
18	27	98 658	34 564,207	568 399,631	16,445	15,977	68	77	61 984	1 178,903	8 282,325	7,025	6,557
19	28	98 584	32 583,287	533 835,424	16,384	15,916	69	78	59 111	1 060,633	7 103,422	6,697	6,229
20	29	98 511	30 716,159	501 252,137	16,319	15,851	70	79	56 017	948,227	6 042,789	6,373	5,905
21	30	98 430	28 953,612	470 535,978	16,251	15,783	71	80	52 755	842,448	5 094,561	6,047	5,579
22	31	98 349	27 292,241	441 582,366	16,180	15,712	72	81	49 291	742,584	4 252,113	5,726	5,258
23	32	98 267	25 725,943	414 290,126	16,104	15,636	73	82	45 673	649,125	3 509,529	5,407	4,939
24	33	98 180	24 248,471	388 564,183	16,024	15,556	74	83	41 866	561,341	2 860,404	5,096	4,628
25	34	98 090	22 854,756	364 315,712	15,940	15,473	75	84	37 911	479,547	2 299,063	4,794	4,326
26	35	97 994	21 540,092	341 460,956	15,852	15,384	76	85	33 853	403,975	1 819,516	4,504	4,036
27	36	97 898	20 300,956	319 920,864	15,759	15,291	77	86	29 759	335,021	1 415,542	4,225	3,757
28	37	97 790	19 130,628	299 619,908	15,662	15,194	78	87	25 695	272,896	1 080,520	3,959	3,491
29	38	97 679	18 027,291	280 489,280	15,559	15,091	79	88	21 702	217,443	807,625	3,714	3,246
30	39	97 560	16 986,233	262 461,990	15,451	14,983	80	89	17 927	169,453	590,181	3,483	3,015
31	40	97 433	16 003,899	245 475,757	15,338	14,871	81	90	14 389	128,311	420,728	3,279	2,811
32	41	97 295	15 076,587	229 471,858	15,220	14,752	82	91	11 276	94,857	292,417	3,083	2,615
33	42	97 146	14 201,348	214 395,271	15,097	14,629	83	92	8 527	67,676	197,561	2,919	2,451
34	43	96 985	13 375,356	200 193,923	14,967	14,499	84	93	6 306	47,213	129,885	2,751	2,283
35	44	96 809	12 595,342	186 818,567	14,832	14,364	85	94	4 508	31,843	82,672	2,596	2,128
36	45	96 619	11 859,082	174 223,225	14,691	14,223	86	95	3 111	20,728	50,829	2,452	1,984
37	46	96 411	11 163,771	162 364,143	14,544	14,076	87	96	2 065	12,978	30,101	2,319	1,851
38	47	96 184	10 507,040	151 200,372	14,390	13,922	88	97	1 313	7,785	17,123	2,199	1,731
39	48	95 921	9 885,216	140 693,332	14,233	13,765	89	98	800	4,474	9,338	2,087	1,619
40	49	95 642	9 298,497	130 808,116	14,068	13,600	90	99	463	2,442	4,864	1,992	1,524
41	50	95 322	8 742,887	121 509,619	13,898	13,430	91	100	257	1,280	2,422	1,893	1,425
42	51	94 982	8 218,565	112 766,733	13,721	13,253							
43	52	94 605	7 722,563	104 548,168	13,538	13,070							
44	53	94 177	7 252,480	96 825,605	13,351	12,883							
45	54	93 707	6 807,821	89 573,125	13,157	12,689							
46	55	93 201	6 387,797	82 765,304	12,957	12,489							
47	56	92 641	5 990,018	76 377,507	12,751	12,283							
48	57	92 025	5 613,393	70 387,488	12,539	12,071							
49	58	91 363	5 257,573	64 774,095	12,320	11,852							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß   6,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	10	99 579	99 579,070	1 703 757,685	17,110	16,642	50	60	90 206	4 897,158	58 538,763	11,954	11,486
1	11	99 187	93 572,525	1 604 178,615	17,144	16,676	51	61	89 361	4 576,678	53 641,605	11,721	11,253
2	12	99 146	88 240,025	1 510 606,090	17,119	16,651	52	62	88 427	4 272,499	49 064,927	11,484	11,016
3	13	99 120	83 222,895	1 422 366,064	17,091	16,623	53	63	87 430	3 985,185	44 792,428	11,240	10,772
4	14	99 097	78 494,215	1 339 143,170	17,060	16,592	54	64	86 361	3 713,665	40 807,242	10,988	10,520
5	15	99 073	74 033,287	1 260 648,955	17,028	16,560	55	65	85 196	3 456,172	37 093,578	10,733	10,265
6	16	99 050	69 826,394	1 186 615,667	16,994	16,526	56	66	83 958	3 213,186	33 637,406	10,469	10,001
7	17	99 024	65 856,861	1 116 789,273	16,958	16,490	57	67	82 633	2 983,470	30 424,219	10,198	9,730
8	18	99 000	62 114,026	1 050 932,412	16,919	16,451	58	68	81 220	2 766,454	27 440,749	9,919	9,451
9	19	98 969	58 579,874	988 818,386	16,880	16,412	59	69	79 724	2 561,790	24 674,295	9,632	9,164
10	20	98 941	55 248,278	930 238,512	16,837	16,369	60	70	78 125	2 368,295	22 112,505	9,337	8,869
11	21	98 910	52 104,790	874 990,234	16,793	16,325	61	71	76 416	2 185,364	19 744,211	9,035	8,567
12	22	98 881	49 140,957	822 885,444	16,745	16,277	62	72	74 589	2 012,393	17 558,847	8,725	8,257
13	23	98 848	46 343,836	773 744,487	16,696	16,228	63	73	72 628	1 848,568	15 546,454	8,410	7,942
14	24	98 815	43 705,759	727 400,651	16,643	16,175	64	74	70 544	1 693,883	13 697,886	8,087	7,619
15	25	98 780	41 217,326	683 694,893	16,588	16,120	65	75	68 255	1 546,162	12 004,003	7,764	7,296
16	26	98 740	38 868,795	642 477,567	16,529	16,061	66	76	65 785	1 405,849	10 457,841	7,439	6,971
17	27	98 691	36 650,476	603 608,772	16,469	16,001	67	77	63 112	1 272,388	9 051,992	7,114	6,646
18	28	98 631	34 554,921	566 958,296	16,407	15,939	68	78	60 265	1 146,220	7 779,604	6,787	6,319
19	29	98 559	32 575,047	532 403,374	16,344	15,876	69	79	57 216	1 026,621	6 633,384	6,461	5,993
20	30	98 483	30 707,346	499 828,327	16,277	15,809	70	80	53 984	913,801	5 606,763	6,136	5,668
21	31	98 402	28 945,417	469 120,981	16,207	15,739	71	81	50 551	807,263	4 692,963	5,813	5,345
22	32	98 319	27 283,998	440 175,564	16,133	15,665	72	82	46 945	707,245	3 885,700	5,494	5,026
23	33	98 232	25 716,824	412 891,566	16,055	15,587	73	83	43 154	613,329	3 178,455	5,182	4,714
24	34	98 145	24 239,605	387 174,742	15,973	15,505	74	84	39 240	526,138	2 565,126	4,875	4,407
25	35	98 048	22 845,048	362 935,137	15,887	15,419	75	85	35 170	444,868	2 038,988	4,583	4,115
26	36	97 955	21 531,524	340 090,089	15,795	15,327	76	86	31 052	370,544	1 594,120	4,302	3,834
27	37	97 852	20 291,309	318 558,565	15,699	15,231	77	87	26 955	303,455	1 223,576	4,032	3,564
28	38	97 738	19 120,418	298 267,257	15,599	15,131	78	88	22 913	243,343	920,121	3,781	3,313
29	39	97 624	18 017,255	279 146,839	15,493	15,025	79	89	19 049	190,853	676,778	3,546	3,078
30	40	97 496	16 974,995	261 129,584	15,383	14,915	80	90	15 390	145,473	485,925	3,340	2,872
31	41	97 365	15 992,597	244 154,589	15,267	14,799	81	91	12 162	108,449	340,452	3,139	2,671
32	42	97 217	15 064,503	228 161,992	15,146	14,678	82	92	9 272	78,002	232,003	2,974	2,506
33	43	97 059	14 188,708	213 097,489	15,019	14,551	83	93	6 914	54,870	154,001	2,807	2,339
34	44	96 886	13 361,660	198 908,781	14,887	14,419	84	94	4 999	37,428	99,132	2,649	2,181
35	45	96 700	12 581,195	185 547,121	14,748	14,280	85	95	3 490	24,650	61,703	2,503	2,035
36	46	96 496	11 844,030	172 965,926	14,604	14,136	86	96	2 348	15,649	37,054	2,368	1,900
37	47	96 275	11 148,040	161 121,896	14,453	13,985	87	97	1 518	9,543	21,405	2,243	1,775
38	48	96 027	10 489,859	149 973,855	14,297	13,829	88	98	939	5,568	11,862	2,130	1,662
39	49	95 752	9 867,735	139 483,996	14,135	13,667	89	99	556	3,108	6,294	2,025	1,557
40	50	95 445	9 279,364	129 616,261	13,968	13,500	90	100	312	1,646	3,186	1,935	1,467
41	51	95 112	8 723,626	120 336,897	13,794	13,326							
42	52	94 750	8 198,456	111 613,271	13,614	13,146							
43	53	94 345	7 701,362	103 414,816	13,428	12,960							
44	54	93 894	7 230,675	95 713,454	13,237	12,769							
45	55	93 408	6 786,096	88 482,779	13,039	12,571							
46	56	92 871	6 365,164	81 696,683	12,835	12,367							
47	57	92 292	5 967,423	75 331,519	12,624	12,156							
48	58	91 657	5 590,959	69 364,096	12,406	11,939							
49	59	90 960	5 234,375	63 773,137	12,184	11,716							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß   6,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$
0	11	99 572	99 572,003	1 702 035,075	17,094	16,626	50	61	89 720	4 870,765	57 499,320	11,805	11,337
1	12	99 179	93 565,042	1 602 463,072	17,127	16,659	51	62	88 848	4 550,377	52 628,555	11,566	11,098
2	13	99 139	88 232,922	1 508 898,029	17,101	16,633	52	63	87 870	4 245,550	48 078,178	11,324	10,856
3	14	99 111	83 215,440	1 420 665,108	17,072	16,604	53	64	86 841	3 958,334	43 832,628	11,074	10,606
4	15	99 086	78 485,707	1 337 449,668	17,041	16,573	54	65	85 727	3 686,372	39 874,294	10,817	10,349
5	16	99 061	74 023,975	1 258 963,960	17,008	16,540	55	66	84 530	3 429,180	36 187,923	10,553	10,085
6	17	99 035	69 815,649	1 184 939,986	16,972	16,504	56	67	83 240	3 185,700	32 758,743	10,283	9,815
7	18	99 008	65 846,293	1 115 124,336	16,935	16,467	57	68	81 879	2 956,224	29 573,043	10,004	9,536
8	19	98 978	62 099,839	1 049 278,043	16,897	16,429	58	69	80 431	2 739,590	26 616,819	9,716	9,248
9	20	98 949	58 567,775	987 178,204	16,855	16,387	59	70	78 877	2 534,580	23 877,229	9,421	8,953
10	21	98 919	55 236,014	928 610,430	16,812	16,344	60	71	77 218	2 340,811	21 342,649	9,118	8,650
11	22	98 890	52 093,885	873 374,416	16,765	16,297	61	72	75 431	2 157,223	19 001,838	8,808	8,341
12	23	98 859	49 129,933	821 280,531	16,717	16,249	62	73	73 509	1 983,258	16 844,616	8,493	8,025
13	24	98 825	46 333,242	772 150,598	16,665	16,197	63	74	71 447	1 818,508	14 861,357	8,172	7,704
14	25	98 795	43 696,924	725 817,356	16,610	16,142	64	75	69 231	1 662,364	13 042,849	7,846	7,378
15	26	98 758	41 208,259	682 120,431	16,553	16,085	65	76	66 791	1 512,984	11 380,485	7,522	7,054
16	27	98 717	38 859,596	640 912,172	16,493	16,025	66	77	64 174	1 371,416	9 867,501	7,195	6,727
17	28	98 665	36 640,630	602 052,576	16,431	15,963	67	78	61 362	1 237,113	8 496,085	6,868	6,400
18	29	98 607	34 546,183	565 411,946	16,367	15,899	68	79	58 333	1 109,463	7 258,972	6,543	6,075
19	30	98 531	32 565,701	530 865,763	16,301	15,833	69	80	55 138	989,348	6 149,510	6,216	5,748
20	31	98 455	30 698,655	498 300,062	16,232	15,764	70	81	51 729	875,635	5 160,161	5,893	5,425
21	32	98 372	28 936,675	467 601,408	16,159	15,692	71	82	48 145	768,845	4 284,526	5,573	5,105
22	33	98 284	27 274,326	438 664,732	16,083	15,615	72	83	44 357	668,244	3 515,681	5,261	4,793
23	34	98 196	25 707,421	411 390,406	16,003	15,535	73	84	40 448	574,866	2 847,437	4,953	4,485
24	35	98 103	24 229,309	385 682,985	15,918	15,450	74	85	36 403	488,090	2 272,571	4,656	4,188
25	36	98 009	22 835,961	361 453,677	15,828	15,360	75	86	32 259	408,053	1 784,480	4,373	3,905
26	37	97 909	21 521,292	338 617,715	15,734	15,266	76	87	28 126	335,630	1 376,427	4,101	3,633
27	38	97 799	20 280,480	317 096,424	15,636	15,168	77	88	24 036	270,593	1 040,797	3,846	3,378
28	39	97 683	19 109,773	296 815,944	15,532	15,064	78	89	20 111	213,586	770,204	3,606	3,138
29	40	97 560	18 005,335	277 706,171	15,424	14,956	79	90	16 353	163,844	556,618	3,397	2,929
30	41	97 427	16 963,007	259 700,836	15,310	14,842	80	91	13 008	122,954	392,774	3,194	2,727
31	42	97 287	15 979,779	242 737,828	15,190	14,722	81	92	10 001	89,179	269,820	3,026	2,558
32	43	97 131	15 051,094	226 758,049	15,066	14,598	82	93	7 518	63,242	180,641	2,856	2,388
33	44	96 960	14 174,179	211 706,955	14,936	14,468	83	94	5 481	43,498	117,399	2,699	2,231
34	45	96 777	13 346,653	197 532,776	14,800	14,332	84	95	3 870	28,974	73,902	2,551	2,083
35	46	96 577	12 565,227	184 186,123	14,658	14,190	85	96	2 635	18,609	44,928	2,414	1,946
36	47	96 360	11 827,341	171 620,896	14,511	14,043	86	97	1 727	11,507	26,318	2,287	1,819
37	48	96 118	11 129,812	159 793,555	14,357	13,889	87	98	1 086	6,825	14,812	2,170	1,702
38	49	95 857	10 471,309	148 663,744	14,197	13,729	88	99	652	3,869	7,987	2,064	1,596
39	50	95 555	9 847,430	138 192,435	14,033	13,565	89	100	375	2,095	4,118	1,965	1,497
40	51	95 235	9 258,921	128 345,004	13,862	13,394							
41	52	94 880	8 702,281	119 086,083	13,684	13,217							
42	53	94 490	8 175,948	110 383,802	13,501	13,033							
43	54	94 062	7 678,207	102 207,854	13,311	12,843							
44	55	93 594	7 207,600	94 529,646	13,115	12,647							
45	56	93 077	6 762,051	87 322,046	12,914	12,446							
46	57	92 521	6 341,153	80 559,995	12,704	12,236							
47	58	91 923	5 943,574	74 218,841	12,487	12,019							
48	59	91 253	5 566,290	68 275,268	12,266	11,798							
49	60	90 531	5 209,658	62 708,978	12,037	11,569							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß   6,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	12	99 564	99 564,040	1 700 188,046	17,076	16,608	50	62	89 205	4 842,774	56 397,791	11,646	11,178
1	13	99 171	93 557,510	1 600 624,006	17,108	16,640	51	63	88 287	4 521,675	51 555,016	11,402	10,934
2	14	99 130	88 225,018	1 507 066,495	17,082	16,614	52	64	87 278	4 216,944	47 033,341	11,153	10,685
3	15	99 100	83 206,420	1 418 841,477	17,052	16,584	53	65	86 202	3 929,242	42 816,397	10,897	10,429
4	16	99 074	78 475,835	1 335 635,057	17,020	16,552	54	66	85 057	3 657,581	38 887,155	10,632	10,164
5	17	99 046	74 012,585	1 257 159,222	16,986	16,518	55	67	83 807	3 399,846	35 229,574	10,362	9,894
6	18	99 019	69 804,446	1 183 146,637	16,949	16,481	56	68	82 480	3 156,607	31 829,728	10,084	9,616
7	19	98 986	65 831,253	1 113 342,191	16,912	16,444	57	69	81 084	2 927,518	28 673,121	9,794	9,326
8	20	98 957	62 087,013	1 047 510,938	16,872	16,404	58	70	79 577	2 710,491	25 745,604	9,499	9,031
9	21	98 927	58 554,773	985 423,926	16,829	16,361	59	71	77 962	2 505,167	23 035,112	9,195	8,727
10	22	98 899	55 224,453	926 869,153	16,784	16,316	60	72	76 224	2 310,668	20 529,946	8,885	8,417
11	23	98 868	52 082,199	871 644,699	16,736	16,268	61	73	74 339	2 125,991	18 219,278	8,570	8,102
12	24	98 836	49 118,703	819 562,501	16,685	16,217	62	74	72 314	1 951,008	16 093,287	8,249	7,781
13	25	98 806	46 323,877	770 443,798	16,632	16,164	63	75	70 118	1 784,670	14 142,278	7,924	7,456
14	26	98 773	43 687,312	724 119,921	16,575	16,107	64	76	67 746	1 626,693	12 357,608	7,597	7,129
15	27	98 735	41 198,506	680 432,609	16,516	16,048	65	77	65 155	1 475,927	10 730,915	7,271	6,803
16	28	98 691	38 849,157	639 234,103	16,454	15,986	66	78	62 394	1 333,395	9 254,989	6,941	6,473
17	29	98 640	36 631,364	600 384,946	16,390	15,922	67	79	59 395	1 197,441	7 921,593	6,615	6,147
18	30	98 578	34 536,271	563 753,582	16,324	15,856	68	80	56 215	1 069,183	6 724,153	6,289	5,821
19	31	98 503	32 556,484	529 217,310	16,255	15,787	69	81	52 835	948,028	5 654,970	5,965	5,497
20	32	98 425	30 689,383	496 660,827	16,183	15,716	70	82	49 267	833,964	4 706,942	5,644	5,176
21	33	98 337	28 926,418	465 971,444	16,109	15,641	71	83	45 491	726,448	3 872,979	5,331	4,863
22	34	98 248	27 264,354	437 045,026	16,030	15,562	72	84	41 575	626,337	3 146,531	5,024	4,556
23	35	98 154	25 696,501	409 780,672	15,947	15,479	73	85	37 523	533,294	2 520,194	4,726	4,258
24	36	98 064	24 219,671	384 084,171	15,858	15,390	74	86	33 390	447,699	1 986,899	4,438	3,970
25	37	97 962	22 825,109	359 864,500	15,766	15,298	75	87	29 220	369,605	1 539,201	4,164	3,696
26	38	97 856	21 509,806	337 039,390	15,669	15,201	76	88	25 080	299,284	1 169,596	3,908	3,440
27	39	97 745	20 269,189	315 529,584	15,567	15,099	77	89	21 097	237,503	870,311	3,664	3,196
28	40	97 619	19 097,131	295 260,395	15,461	14,993	78	90	17 265	183,360	632,808	3,451	2,983
29	41	97 491	17 992,619	276 163,264	15,349	14,881	79	91	13 822	138,482	449,449	3,246	2,778
30	42	97 349	16 949,411	258 170,644	15,232	14,764	80	92	10 697	101,107	310,967	3,076	2,608
31	43	97 200	15 965,555	241 221,233	15,109	14,641	81	93	8 108	72,304	209,860	2,902	2,435
32	44	97 031	15 035,683	225 255,678	14,981	14,513	82	94	5 960	50,135	137,556	2,744	2,276
33	45	96 851	14 158,260	210 219,995	14,848	14,380	83	95	4 243	33,672	87,421	2,596	2,128
34	46	96 654	13 329,713	196 061,735	14,709	14,241	84	96	2 922	21,874	53,749	2,457	1,989
35	47	96 441	12 547,521	182 732,022	14,563	14,095	85	97	1 937	13,683	31,875	2,329	1,862
36	48	96 203	11 808,001	170 184,501	14,413	13,945	86	98	1 235	8,230	18,192	2,210	1,743
37	49	95 948	11 110,129	158 376,499	14,255	13,787	87	99	754	4,742	9,962	2,101	1,633
38	50	95 660	10 449,762	147 266,370	14,093	13,625	88	100	440	2,608	5,220	2,002	1,534
39	51	95 344	9 825,737	136 816,608	13,924	13,456							
40	52	95 002	9 236,267	126 990,871	13,749	13,281							
41	53	94 619	8 678,390	117 754,604	13,569	13,101							
42	54	94 206	8 151,367	109 076,214	13,381	12,913							
43	55	93 761	7 653,705	100 924,848	13,186	12,718							
44	56	93 263	7 182,063	93 271,143	12,987	12,519							
45	57	92 726	6 736,544	86 089,080	12,779	12,311							
46	58	92 151	6 315,810	79 352,537	12,564	12,096							
47	59	91 517	5 917,349	73 036,726	12,343	11,875							
48	60	90 822	5 540,006	67 119,377	12,115	11,647							
49	61	90 043	5 181,581	61 579,372	11,884	11,416							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß   6,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	13	99 556	99 556,026	1 698 210,047	17,058	16,590	50	63	88 642	4 812,228	55 232,183	11,477	11,009
1	14	99 162	93 549,130	1 598 654,021	17,089	16,621	51	64	87 692	4 491,208	50 419,955	11,226	10,758
2	15	99 119	88 215,456	1 505 104,891	17,062	16,594	52	65	86 636	4 185,952	45 928,746	10,972	10,504
3	16	99 088	83 195,954	1 416 889,436	17,031	16,563	53	66	85 529	3 898,555	41 742,795	10,707	10,239
4	17	99 059	78 463,759	1 333 693,482	16,998	16,530	54	67	84 330	3 626,294	37 844,239	10,436	9,968
5	18	99 030	74 000,708	1 255 229,723	16,962	16,494	55	68	83 042	3 368,797	34 217,946	10,157	9,689
6	19	98 996	69 788,502	1 181 229,015	16,926	16,458	56	69	81 679	3 125,954	30 849,149	9,869	9,401
7	20	98 965	65 817,656	1 111 440,513	16,887	16,419	57	70	80 223	2 896,423	27 723,194	9,572	9,104
8	21	98 935	62 073,230	1 045 622,857	16,845	16,377	58	71	78 654	2 679,037	24 826,771	9,267	8,799
9	22	98 906	58 542,518	983 549,627	16,801	16,333	59	72	76 958	2 472,907	22 147,735	8,956	8,488
10	23	98 876	55 212,065	925 007,109	16,754	16,286	60	73	75 120	2 277,215	19 674,827	8,640	8,172
11	24	98 845	52 070,294	869 795,044	16,704	16,236	61	74	73 131	2 091,420	17 397,613	8,319	7,851
12	25	98 817	49 108,774	817 724,750	16,651	16,183	62	75	70 968	1 914,705	15 306,193	7,994	7,526
13	26	98 784	46 313,686	768 615,976	16,596	16,128	63	76	68 613	1 746,375	13 391,488	7,668	7,200
14	27	98 749	43 676,972	722 302,289	16,537	16,069	64	77	66 086	1 586,851	11 645,113	7,339	6,871
15	28	98 708	41 187,438	678 625,317	16,477	16,009	65	78	63 348	1 435,009	10 058,263	7,009	6,541
16	29	98 666	38 839,333	637 437,879	16,412	15,944	66	79	60 394	1 290,636	8 623,254	6,681	6,213
17	30	98 612	36 620,854	598 598,546	16,346	15,878	67	80	57 238	1 153,966	7 332,618	6,354	5,886
18	31	98 550	34 526,496	561 977,692	16,277	15,809	68	81	53 867	1 024,527	6 178,652	6,031	5,563
19	32	98 473	32 546,651	527 451,195	16,206	15,738	69	82	50 321	902,911	5 154,124	5,708	5,240
20	33	98 390	30 678,504	494 904,544	16,132	15,664	70	83	46 550	787,975	4 251,214	5,395	4,927
21	34	98 301	28 915,841	464 226,040	16,054	15,586	71	84	42 638	680,891	3 463,238	5,086	4,618
22	35	98 206	27 252,773	435 310,198	15,973	15,505	72	85	38 568	581,043	2 782,348	4,789	4,321
23	36	98 115	25 686,280	408 057,426	15,886	15,418	73	86	34 418	489,162	2 201,304	4,500	4,032
24	37	98 017	24 208,162	382 371,146	15,795	15,327	74	87	30 244	405,515	1 712,142	4,222	3,754
25	38	97 910	22 812,928	358 162,984	15,700	15,232	75	88	26 056	329,580	1 306,627	3,965	3,497
26	39	97 802	21 497,831	335 350,056	15,599	15,131	76	89	22 013	262,686	977,047	3,719	3,251
27	40	97 680	20 255,780	313 852,225	15,494	15,026	77	90	18 111	203,892	714,361	3,504	3,036
28	41	97 550	19 083,644	293 596,445	15,385	14,917	78	91	14 592	154,976	510,469	3,294	2,826
29	42	97 413	17 978,198	274 512,800	15,269	14,801	79	92	11 366	113,875	355,493	3,122	2,654
30	43	97 262	16 934,325	256 534,602	15,149	14,681	80	93	8 673	81,975	241,617	2,947	2,479
31	44	97 100	15 949,208	239 600,277	15,023	14,555	81	94	6 428	57,319	159,642	2,785	2,317
32	45	96 922	15 018,796	223 651,069	14,891	14,423	82	95	4 613	38,810	102,324	2,637	2,169
33	46	96 728	14 140,290	208 632,274	14,754	14,286	83	96	3 203	25,421	63,513	2,498	2,031
34	47	96 518	13 310,930	194 491,984	14,611	14,143	84	97	2 148	16,084	38,093	2,368	1,900
35	48	96 284	12 527,004	181 181,054	14,463	13,995	85	98	1 386	9,787	22,009	2,249	1,781
36	49	96 033	11 787,120	168 654,050	14,308	13,840	86	99	858	5,718	12,222	2,137	1,669
37	50	95 751	11 087,269	156 866,930	14,148	13,680	87	100	509	3,197	6,504	2,035	1,567
38	51	95 449	10 426,742	145 779,661	13,981	13,513							
39	52	95 111	9 801,695	135 352,920	13,809	13,341							
40	53	94 741	9 210,910	125 551,225	13,631	13,163							
41	54	94 335	8 652,298	116 340,315	13,446	12,978							
42	55	93 905	8 125,354	107 688,017	13,253	12,785							
43	56	93 429	7 626,586	99 562,663	13,055	12,587							
44	57	92 911	7 154,971	91 936,077	12,849	12,381							
45	58	92 355	6 709,621	84 781,106	12,636	12,168							
46	59	91 744	6 287,943	78 071,486	12,416	11,948							
47	60	91 085	5 889,407	71 783,543	12,189	11,721							
48	61	90 333	5 510,149	65 894,136	11,959	11,491							
49	62	89 525	5 151,804	60 383,987	11,721	11,253							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß   6,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$
0	14	99 547	99 547,108	1 696 093,313	17,038	16,570	50	64	88 045	4 779,804	54 001,485	11,298	10,830
1	15	99 151	93 538,990	1 596 546,205	17,068	16,600	51	65	87 048	4 458,201	49 221,681	11,041	10,573
2	16	99 106	88 204,359	1 503 007,215	17,040	16,572	52	66	85 960	4 153,260	44 763,481	10,778	10,310
3	17	99 072	83 183,152	1 414 802,856	17,008	16,540	53	67	84 798	3 865,206	40 610,221	10,507	10,039
4	18	99 043	78 451,168	1 331 619,703	16,974	16,506	54	68	83 559	3 593,177	36 745,015	10,226	9,758
5	19	99 007	73 983,805	1 253 168,535	16,938	16,470	55	69	82 236	3 336,084	33 151,837	9,937	9,469
6	20	98 976	69 774,088	1 179 184,730	16,900	16,432	56	70	80 812	3 092,752	29 815,753	9,641	9,173
7	21	98 943	65 803,045	1 109 410,643	16,860	16,392	57	71	79 292	2 862,811	26 723,001	9,335	8,867
8	22	98 915	62 060,239	1 043 607,597	16,816	16,348	58	72	77 641	2 644,538	23 860,191	9,022	8,554
9	23	98 884	58 529,385	981 547,358	16,770	16,302	59	73	75 844	2 437,105	21 215,652	8,705	8,237
10	24	98 854	55 199,444	923 017,973	16,722	16,254	60	74	73 899	2 240,185	18 778,547	8,383	7,915
11	25	98 825	52 059,768	867 818,529	16,670	16,202	61	75	71 770	2 052,504	16 538,363	8,058	7,590
12	26	98 795	49 097,971	815 758,760	16,615	16,147	62	76	69 446	1 873,619	14 485,859	7,731	7,264
13	27	98 760	46 302,726	766 660,789	16,558	16,090	63	77	66 933	1 703,601	12 612,240	7,403	6,935
14	28	98 723	43 665,239	720 358,063	16,497	16,029	64	78	64 254	1 542,857	10 908,639	7,070	6,602
15	29	98 683	41 177,023	676 692,825	16,434	15,966	65	79	61 317	1 388,990	9 365,782	6,743	6,275
16	30	98 637	38 828,189	635 515,801	16,367	15,899	66	80	58 201	1 243,778	7 976,791	6,413	5,945
17	31	98 584	36 610,489	596 687,612	16,298	15,830	67	81	54 848	1 105,770	6 733,013	6,089	5,621
18	32	98 521	34 516,069	560 077,123	16,227	15,759	68	82	51 303	975,770	5 627,243	5,767	5,299
19	33	98 438	32 535,114	525 561,055	16,154	15,686	69	83	47 546	853,120	4 651,473	5,452	4,984
20	34	98 354	30 667,287	493 025,940	16,077	15,609	70	84	43 631	738,560	3 798,353	5,143	4,675
21	35	98 259	28 903,559	462 358,653	15,997	15,529	71	85	39 554	631,652	3 059,792	4,844	4,376
22	36	98 167	27 241,933	433 455,095	15,911	15,443	72	86	35 377	532,959	2 428,141	4,556	4,088
23	37	98 069	25 674,074	406 213,162	15,822	15,354	73	87	31 175	443,072	1 895,181	4,277	3,809
24	38	97 965	24 195,242	380 539,089	15,728	15,260	74	88	26 969	361,601	1 452,110	4,016	3,548
25	39	97 856	22 800,228	356 343,846	15,629	15,161	75	89	22 869	289,277	1 090,508	3,770	3,302
26	40	97 737	21 483,610	333 543,619	15,525	15,058	76	90	18 898	225,511	801,232	3,553	3,085
27	41	97 611	20 241,475	312 060,009	15,417	14,949	77	91	15 308	172,331	575,720	3,341	2,873
28	42	97 471	19 068,349	291 818,534	15,304	14,836	78	92	11 999	127,439	403,390	3,165	2,697
29	43	97 326	17 962,196	272 750,185	15,185	14,717	79	93	9 215	92,327	275,951	2,989	2,521
30	44	97 163	16 916,985	254 787,989	15,061	14,593	80	94	6 875	64,985	183,623	2,826	2,358
31	45	96 991	15 931,294	237 871,004	14,931	14,463	81	95	4 976	44,371	118,638	2,674	2,206
32	46	96 799	14 999,733	221 939,710	14,796	14,328	82	96	3 483	29,300	74,267	2,535	2,067
33	47	96 592	14 120,364	206 939,976	14,655	14,187	83	97	2 355	18,692	44,967	2,406	1,938
34	48	96 360	13 289,165	192 819,612	14,510	14,042	84	98	1 536	11,504	26,275	2,284	1,816
35	49	96 113	12 504,851	179 530,447	14,357	13,889	85	99	963	6,800	14,772	2,172	1,704
36	50	95 835	11 762,866	167 025,596	14,199	13,731	86	100	578	3,855	7,972	2,068	1,600
37	51	95 540	11 062,843	155 262,730	14,035	13,567							
38	52	95 215	10 401,230	144 199,886	13,864	13,396							
39	53	94 850	9 774,786	133 798,657	13,688	13,220							
40	54	94 456	9 183,217	124 023,871	13,505	13,038							
41	55	94 034	8 624,687	114 840,654	13,315	12,847							
42	56	93 572	8 096,564	106 215,967	13,119	12,651							
43	57	93 077	7 597,817	98 119,403	12,914	12,446							
44	58	92 539	7 126,375	90 521,586	12,702	12,234							
45	59	91 948	6 680,016	83 395,211	12,484	12,016							
46	60	91 311	6 258,251	76 715,195	12,258	11,790							
47	61	90 594	5 857,667	70 456,944	12,028	11,560							
48	62	89 814	5 478,483	64 599,277	11,791	11,323							
49	63	88 961	5 119,308	59 120,794	11,549	11,081							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß 6,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	15	99 536	99 536,318	1 693 830,578	17,017	16,549	50	65	87 398	4 744,675	52 703,978	11,108	10,640
1	16	99 139	93 527,224	1 594 294,260	17,046	16,578	51	66	86 368	4 423,383	47 959,302	10,842	10,374
2	17	99 091	88 190,787	1 500 767,036	17,017	16,549	52	67	85 224	4 117,732	43 535,920	10,573	10,105
3	18	99 057	83 169,804	1 412 576,249	16,984	16,516	53	68	84 023	3 829,908	39 418,188	10,292	9,824
4	19	99 020	78 433,249	1 329 406,446	16,950	16,482	54	69	82 748	3 558,285	35 588,280	10,002	9,534
5	20	98 987	73 968,524	1 250 973,197	16,912	16,444	55	70	81 362	3 300,650	32 029,995	9,704	9,236
6	21	98 954	69 758,599	1 177 004,672	16,873	16,405	56	71	79 874	3 056,861	28 729,345	9,398	8,930
7	22	98 923	65 789,274	1 107 246,074	16,830	16,362	57	72	78 271	2 825,946	25 672,484	9,085	8,617
8	23	98 892	62 046,317	1 041 456,800	16,785	16,317	58	73	76 517	2 606,251	22 846,538	8,766	8,298
9	24	98 862	58 516,007	979 410,484	16,737	16,270	59	74	74 611	2 397,475	20 240,286	8,442	7,974
10	25	98 834	55 188,287	920 894,477	16,686	16,218	60	75	72 523	2 198,500	17 842,812	8,116	7,648
11	26	98 803	52 048,316	865 706,190	16,633	16,165	61	76	70 230	2 008,461	15 644,311	7,789	7,321
12	27	98 771	49 086,352	813 657,874	16,576	16,108	62	77	67 745	1 827,729	13 635,850	7,461	6,993
13	28	98 734	46 290,286	764 571,523	16,517	16,049	63	78	65 077	1 656,371	11 808,121	7,129	6,661
14	29	98 698	43 654,197	718 281,236	16,454	15,986	64	79	62 194	1 493,381	10 151,750	6,798	6,330
15	30	98 655	41 165,209	674 627,039	16,388	15,920	65	80	59 091	1 338,562	8 658,370	6,468	6,000
16	31	98 609	38 817,199	633 461,830	16,319	15,851	66	81	55 770	1 191,831	7 319,808	6,142	5,674
17	32	98 554	36 599,432	594 644,631	16,247	15,779	67	82	52 237	1 053,146	6 127,977	5,819	5,351
18	33	98 486	34 503,834	558 045,199	16,173	15,705	68	83	48 474	921,962	5 074,831	5,504	5,036
19	34	98 402	32 523,218	523 541,365	16,097	15,629	69	84	44 564	799,620	4 152,869	5,194	4,726
20	35	98 312	30 654,261	491 018,147	16,018	15,550	70	85	40 476	685,151	3 353,249	4,894	4,426
21	36	98 220	28 892,062	460 363,887	15,934	15,466	71	86	36 281	579,380	2 668,099	4,605	4,137
22	37	98 121	27 228,987	431 471,825	15,846	15,378	72	87	32 043	482,742	2 088,719	4,327	3,859
23	38	98 016	25 660,372	404 242,838	15,754	15,286	73	88	27 799	395,091	1 605,976	4,065	3,597
24	39	97 910	24 181,772	378 582,466	15,656	15,188	74	89	23 671	317,382	1 210,886	3,815	3,347
25	40	97 791	22 785,144	354 400,694	15,554	15,086	75	90	19 633	248,339	893,503	3,598	3,130
26	41	97 668	21 468,437	331 615,550	15,447	14,979	76	91	15 973	190,603	645,164	3,385	2,917
27	42	97 533	20 225,251	310 147,112	15,335	14,867	77	92	12 588	141,710	454,561	3,208	2,740
28	43	97 385	19 051,376	289 921,861	15,218	14,750	78	93	9 729	103,324	312,851	3,028	2,560
29	44	97 226	17 943,804	270 870,485	15,095	14,628	79	94	7 305	73,192	209,527	2,863	2,395
30	45	97 053	16 897,985	252 926,681	14,968	14,500	80	95	5 322	50,306	136,335	2,710	2,242
31	46	96 868	15 911,074	236 028,696	14,834	14,366	81	96	3 757	33,498	86,029	2,568	2,100
32	47	96 663	14 978,597	220 117,622	14,695	14,228	82	97	2 561	21,544	52,531	2,438	1,970
33	48	96 434	14 097,276	205 139,025	14,552	14,084	83	98	1 685	13,369	30,987	2,318	1,850
34	49	96 190	13 265,664	191 041,749	14,401	13,933	84	99	1 068	7,993	17,618	2,204	1,736
35	50	95 916	12 479,120	177 776,085	14,246	13,778	85	100	649	4,584	9,625	2,100	1,632
36	51	95 624	11 736,953	165 296,964	14,083	13,615							
37	52	95 306	11 035,775	153 560,012	13,915	13,447							
38	53	94 954	10 372,674	142 524,237	13,740	13,272							
39	54	94 565	9 745,397	132 151,563	13,560	13,092							
40	55	94 155	9 153,911	122 406,165	13,372	12,904							
41	56	93 701	8 594,128	113 252,254	13,178	12,710							
42	57	93 219	8 066,022	104 658,126	12,975	12,507							
43	58	92 705	7 567,452	96 592,104	12,764	12,296							
44	59	92 131	7 094,931	89 024,652	12,548	12,080							
45	60	91 514	6 648,472	81 929,720	12,323	11,855							
46	61	90 819	6 224,523	75 281,248	12,094	11,626							
47	62	90 074	5 824,005	69 056,724	11,857	11,389							
48	63	89 247	5 443,927	63 232,720	11,615	11,147							
49	64	88 361	5 084,815	57 788,793	11,365	10,897							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß   6,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	16	99 524	99 523,797	1 691 415,225	16,995	16,527	50	66	86 715	4 707,620	51 338,777	10,905	10,437
1	17	99 124	93 512,833	1 591 891,428	17,023	16,555	51	67	85 629	4 385,544	46 631,157	10,633	10,165
2	18	99 075	88 176,635	1 498 378,595	16,993	16,525	52	68	84 446	4 080,128	42 245,613	10,354	9,886
3	19	99 034	83 150,807	1 410 201,961	16,960	16,492	53	69	83 207	3 792,717	38 165,485	10,063	9,595
4	20	99 000	78 417,049	1 327 051,154	16,923	16,455	54	70	81 869	3 520,491	34 372,768	9,764	9,296
5	21	98 965	73 952,104	1 248 634,105	16,884	16,416	55	71	80 418	3 262,347	30 852,278	9,457	8,989
6	22	98 933	69 743,999	1 174 682,000	16,843	16,375	56	72	78 845	3 017,498	27 589,931	9,143	8,675
7	23	98 901	65 774,515	1 104 938,002	16,799	16,331	57	73	77 137	2 785,033	24 572,433	8,823	8,355
8	24	98 870	62 032,134	1 039 163,487	16,752	16,284	58	74	75 272	2 563,871	21 787,401	8,498	8,030
9	25	98 842	58 504,178	977 131,352	16,702	16,234	59	75	73 222	2 352,864	19 223,530	8,170	7,702
10	26	98 812	55 176,146	918 627,174	16,649	16,181	60	76	70 967	2 151,325	16 870,666	7,842	7,374
11	27	98 780	52 035,998	863 451,028	16,593	16,125	61	77	68 510	1 959,268	14 719,341	7,513	7,045
12	28	98 745	49 073,165	811 415,030	16,535	16,067	62	78	65 867	1 777,058	12 760,073	7,180	6,712
13	29	98 709	46 278,581	762 341,865	16,473	16,005	63	79	62 990	1 603,254	10 983,016	6,850	6,382
14	30	98 670	43 641,672	716 063,284	16,408	15,940	64	80	59 936	1 439,162	9 379,762	6,518	6,050
15	31	98 627	41 153,558	672 421,612	16,339	15,871	65	81	56 623	1 282,656	7 940,600	6,191	5,723
16	32	98 580	38 805,476	631 268,055	16,267	15,800	66	82	53 116	1 135,111	6 657,944	5,865	5,397
17	33	98 519	36 586,459	592 462,579	16,193	15,726	67	83	49 357	995,071	5 522,832	5,550	5,082
18	34	98 450	34 491,218	555 876,121	16,116	15,648	68	84	45 434	864,144	4 527,761	5,240	4,772
19	35	98 360	32 509,403	521 384,903	16,038	15,570	69	85	41 342	741,795	3 663,617	4,939	4,471
20	36	98 273	30 642,068	488 875,500	15,954	15,486	70	86	37 126	628,451	2 921,822	4,649	4,181
21	37	98 174	28 878,332	458 233,432	15,868	15,400	71	87	32 863	524,789	2 293,371	4,370	3,902
22	38	98 068	27 214,455	429 355,100	15,777	15,309	72	88	28 573	430,466	1 768,582	4,109	3,641
23	39	97 962	25 646,086	402 140,645	15,680	15,212	73	89	24 399	346,776	1 338,117	3,859	3,391
24	40	97 846	24 165,775	376 494,559	15,580	15,112	74	90	20 321	272,467	991,340	3,638	3,170
25	41	97 722	22 769,053	352 328,784	15,474	15,006	75	91	16 594	209,897	718,873	3,425	2,957
26	42	97 590	21 451,230	329 559,731	15,363	14,895	76	92	13 134	156,735	508,976	3,247	2,779
27	43	97 446	20 207,249	308 108,501	15,247	14,779	77	93	10 206	114,895	352,240	3,066	2,598
28	44	97 285	19 031,869	287 901,251	15,127	14,659	78	94	7 713	81,910	237,346	2,898	2,430
29	45	97 117	17 923,650	268 869,383	15,001	14,533	79	95	5 655	56,659	155,436	2,743	2,275
30	46	96 930	16 876,537	250 945,732	14,870	14,402	80	96	4 018	37,979	98,776	2,601	2,133
31	47	96 732	15 888,653	234 069,195	14,732	14,264	81	97	2 762	24,631	60,798	2,468	2,000
32	48	96 505	14 954,105	218 180,541	14,590	14,122	82	98	1 832	15,409	36,167	2,347	1,879
33	49	96 263	14 072,346	203 226,436	14,442	13,974	83	99	1 170	9,289	20,758	2,235	1,767
34	50	95 992	13 238,368	189 154,090	14,288	13,820	84	100	720	5,388	11,469	2,129	1,661
35	51	95 704	12 451,629	175 915,722	14,128	13,660							
36	52	95 390	11 708,235	163 464,093	13,961	13,493							
37	53	95 044	11 005,478	151 755,859	13,789	13,321							
38	54	94 669	10 341,488	140 750,381	13,610	13,142							
39	55	94 263	9 714,298	130 408,893	13,424	12,956							
40	56	93 821	9 121,477	120 694,595	13,232	12,764							
41	57	93 347	8 561,709	111 573,118	13,032	12,564							
42	58	92 847	8 033,786	103 011,408	12,822	12,354							
43	59	92 296	7 534,062	94 977,622	12,606	12,138							
44	60	91 696	7 061,429	87 443,560	12,383	11,915							
45	61	91 020	6 612,641	80 382,131	12,156	11,688							
46	62	90 297	6 188,753	73 769,490	11,920	11,452							
47	63	89 505	5 787,269	67 580,737	11,677	11,210							
48	64	88 646	5 407,247	61 793,468	11,428	10,960							
49	65	87 712	5 047,445	56 386,221	11,171	10,703							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß   6,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	17	99 508	99 508,483	1 688 840,132	16,972	16,504	50	67	85 973	4 667,350	49 904,172	10,692	10,224
1	18	99 108	93 497,827	1 589 331,649	16,999	16,531	51	68	84 847	4 345,494	45 236,822	10,410	9,942
2	19	99 053	88 156,494	1 495 833,822	16,968	16,500	52	69	83 626	4 040,507	40 891,328	10,120	9,652
3	20	99 013	83 133,633	1 407 677,328	16,933	16,465	53	70	82 323	3 752,433	36 850,821	9,821	9,353
4	21	98 978	78 399,642	1 324 543,695	16,895	16,427	54	71	80 919	3 479,636	33 098,389	9,512	9,044
5	22	98 944	73 936,627	1 246 144,054	16,854	16,386	55	72	79 382	3 220,337	29 618,752	9,197	8,729
6	23	98 911	69 728,353	1 172 207,427	16,811	16,343	56	73	77 704	2 973,811	26 398,416	8,877	8,409
7	24	98 878	65 759,480	1 102 479,074	16,765	16,297	57	74	75 883	2 739,745	23 424,604	8,550	8,082
8	25	98 850	62 019,595	1 036 719,594	16,716	16,248	58	75	73 872	2 516,163	20 684,860	8,221	7,753
9	26	98 820	58 491,309	974 699,999	16,664	16,196	59	76	71 651	2 302,376	18 168,697	7,891	7,423
10	27	98 789	55 163,088	916 208,690	16,609	16,141	60	77	69 229	2 098,633	15 866,320	7,560	7,092
11	28	98 753	52 022,019	861 045,602	16,552	16,084	61	78	66 610	1 904,950	13 767,687	7,227	6,759
12	29	98 720	49 060,755	809 023,583	16,490	16,022	62	79	63 754	1 720,070	11 862,737	6,897	6,429
13	30	98 681	46 265,303	759 962,828	16,426	15,958	63	80	60 703	1 545,046	10 142,667	6,565	6,097
14	31	98 642	43 629,320	713 697,525	16,358	15,890	64	81	57 432	1 379,055	8 597,621	6,234	5,766
15	32	98 597	41 141,128	670 068,205	16,287	15,819	65	82	53 928	1 221,614	7 218,566	5,909	5,441
16	33	98 545	38 791,720	628 927,077	16,213	15,745	66	83	50 187	1 072,516	5 996,952	5,591	5,124
17	34	98 483	36 573,081	590 135,357	16,136	15,668	67	84	46 262	932,669	4 924,436	5,280	4,812
18	35	98 408	34 476,567	553 562,276	16,056	15,588	68	85	42 149	801,653	3 991,767	4,979	4,511
19	36	98 321	32 496,472	519 085,709	15,974	15,506	69	86	37 920	680,408	3 190,114	4,689	4,221
20	37	98 227	30 627,506	486 589,237	15,887	15,419	70	87	33 628	569,237	2 509,706	4,409	3,941
21	38	98 121	28 862,920	455 961,731	15,797	15,330	71	88	29 304	467,959	1 940,469	4,147	3,679
22	39	98 014	27 199,304	427 098,810	15,703	15,235	72	89	25 079	377,825	1 472,511	3,897	3,429
23	40	97 897	25 629,120	399 899,506	15,603	15,135	73	90	20 946	297,702	1 094,686	3,677	3,209
24	41	97 777	24 148,708	374 270,386	15,499	15,031	74	91	17 176	230,290	796,984	3,461	2,993
25	42	97 644	22 750,803	350 121,677	15,389	14,921	75	92	13 645	172,601	566,694	3,283	2,815
26	43	97 503	21 432,137	327 370,874	15,275	14,807	76	93	10 649	127,077	394,092	3,101	2,633
27	44	97 347	20 186,558	305 938,737	15,156	14,688	77	94	8 091	91,082	267,015	2,932	2,464
28	45	97 176	19 010,493	285 752,179	15,031	14,563	78	95	5 970	63,408	175,933	2,775	2,307
29	46	96 994	17 900,901	266 741,686	14,901	14,433	79	96	4 269	42,775	112,525	2,631	2,163
30	47	96 794	16 852,756	248 840,785	14,766	14,298	80	97	2 954	27,925	69,750	2,498	2,030
31	48	96 574	15 862,674	231 988,028	14,625	14,157	81	98	1 976	17,617	41,825	2,374	1,906
32	49	96 334	14 927,660	216 125,355	14,478	14,010	82	99	1 273	10,706	24,208	2,261	1,793
33	50	96 065	14 043,390	201 197,695	14,327	13,859	83	100	789	6,262	13,502	2,156	1,688
34	51	95 780	13 209,204	187 154,305	14,168	13,701							
35	52	95 470	12 421,162	173 945,101	14,004	13,536							
36	53	95 128	11 676,091	161 523,939	13,834	13,366							
37	54	94 759	10 972,389	149 847,847	13,657	13,189							
38	55	94 366	10 308,486	138 875,458	13,472	13,004							
39	56	93 929	9 679,878	128 566,972	13,282	12,814							
40	57	93 467	9 087,069	118 887,093	13,083	12,615							
41	58	92 974	8 527,492	109 800,024	12,876	12,408							
42	59	92 437	7 998,339	101 272,532	12,662	12,194							
43	60	91 860	7 498,486	93 274,194	12,439	11,971							
44	61	91 202	7 023,372	85 775,708	12,213	11,745							
45	62	90 497	6 574,641	78 752,335	11,978	11,510							
46	63	89 727	6 149,716	72 177,695	11,737	11,269							
47	64	88 902	5 748,275	66 027,978	11,487	11,019							
48	65	87 994	5 367,507	60 279,703	11,230	10,763							
49	66	87 027	5 008,025	54 912,197	10,965	10,497							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß   6,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	18	99 493	99 492,515	1 686 098,919	16,947	16,479	50	68	85 188	4 624,726	48 399,760	10,465	9,997
1	19	99 085	93 476,471	1 586 606,404	16,973	16,505	51	69	84 023	4 303,296	43 775,034	10,172	9,704
2	20	99 032	88 138,286	1 493 129,933	16,941	16,473	52	70	82 738	3 997,591	39 471,738	9,874	9,406
3	21	98 992	83 115,178	1 404 991,647	16,904	16,436	53	71	81 368	3 708,887	35 474,147	9,565	9,097
4	22	98 957	78 383,233	1 321 876,469	16,864	16,396	54	72	79 877	3 434,828	31 765,261	9,248	8,780
5	23	98 922	73 920,041	1 243 493,236	16,822	16,354	55	73	78 233	3 173,714	28 330,432	8,927	8,459
6	24	98 888	69 712,415	1 169 573,195	16,777	16,309	56	74	76 440	2 925,453	25 156,719	8,599	8,131
7	25	98 858	65 746,188	1 099 860,781	16,729	16,261	57	75	74 471	2 688,765	22 231,265	8,268	7,800
8	26	98 828	62 005,952	1 034 114,593	16,678	16,210	58	76	72 287	2 462,172	19 542,501	7,937	7,469
9	27	98 796	58 477,466	972 108,641	16,624	16,156	59	77	69 896	2 245,984	17 080,329	7,605	7,137
10	28	98 762	55 148,268	913 631,175	16,567	16,099	60	78	67 310	2 040,451	14 834,344	7,270	6,802
11	29	98 728	52 008,864	858 482,907	16,506	16,039	61	79	64 474	1 843,862	12 793,893	6,939	6,471
12	30	98 692	49 046,679	806 474,043	16,443	15,975	62	80	61 440	1 657,622	10 950,032	6,606	6,138
13	31	98 653	46 252,208	757 427,364	16,376	15,908	63	81	58 168	1 480,517	9 292,410	6,276	5,808
14	32	98 612	43 616,143	711 175,156	16,305	15,837	64	82	54 699	1 313,425	7 811,893	5,948	5,480
15	33	98 562	41 126,545	667 559,013	16,232	15,764	65	83	50 954	1 154,249	6 498,469	5,630	5,162
16	34	98 509	38 777,536	626 432,468	16,155	15,687	66	84	47 040	1 005,257	5 344,220	5,316	4,848
17	35	98 441	36 557,546	587 654,932	16,075	15,607	67	85	42 916	865,222	4 338,963	5,015	4,547
18	36	98 369	34 462,854	551 097,386	15,991	15,523	68	86	38 661	735,312	3 473,740	4,724	4,256
19	37	98 275	32 481,029	516 634,532	15,906	15,438	69	87	34 348	616,298	2 738,428	4,443	3,975
20	38	98 174	30 611,161	484 153,503	15,816	15,348	70	88	29 987	507,593	2 122,130	4,181	3,713
21	39	98 067	28 846,852	453 542,342	15,722	15,254	71	89	25 720	410,733	1 614,537	3,931	3,463
22	40	97 949	27 181,311	424 695,491	15,625	15,157	72	90	21 530	324,356	1 203,803	3,711	3,243
23	41	97 828	25 611,020	397 514,180	15,521	15,053	73	91	17 704	251,619	879,447	3,495	3,027
24	42	97 698	24 129,353	371 903,160	15,413	14,945	74	92	14 124	189,371	627,828	3,315	2,847
25	43	97 557	22 730,553	347 773,806	15,300	14,832	75	93	11 063	139,941	438,457	3,133	2,665
26	44	97 403	21 410,192	325 043,253	15,182	14,714	76	94	8 442	100,740	298,517	2,963	2,495
27	45	97 237	20 163,886	303 633,061	15,058	14,590	77	95	6 263	70,509	197,777	2,805	2,337
28	46	97 052	18 986,364	283 469,176	14,930	14,462	78	96	4 507	47,870	127,268	2,659	2,191
29	47	96 857	17 875,677	264 482,811	14,796	14,328	79	97	3 139	31,452	79,398	2,524	2,056
30	48	96 635	16 825,200	246 607,135	14,657	14,189	80	98	2 113	19,973	47,946	2,401	1,933
31	49	96 403	15 834,622	229 781,934	14,511	14,043	81	99	1 373	12,240	27,973	2,285	1,817
32	50	96 136	14 896,944	213 947,313	14,362	13,894	82	100	858	7,217	15,733	2,180	1,712
33	51	95 853	14 012,452	199 050,369	14,205	13,737							
34	52	95 546	13 176,884	185 037,916	14,043	13,575							
35	53	95 208	12 387,062	171 861,033	13,874	13,406							
36	54	94 842	11 640,986	159 473,971	13,699	13,231							
37	55	94 456	10 937,374	147 832,984	13,516	13,048							
38	56	94 032	10 271,962	136 895,611	13,327	12,859							
39	57	93 574	9 643,364	126 623,649	13,131	12,663							
40	58	93 093	9 050,752	116 980,285	12,925	12,457							
41	59	92 564	8 489,866	107 929,533	12,713	12,245							
42	60	92 001	7 960,570	99 439,667	12,492	12,024							
43	61	91 365	7 458,074	91 479,097	12,266	11,798							
44	62	90 678	6 983,011	84 021,023	12,032	11,564							
45	63	89 927	6 533,170	77 038,011	11,792	11,324							
46	64	89 123	6 108,280	70 504,841	11,543	11,075							
47	65	88 249	5 706,029	64 396,561	11,286	10,818							
48	66	87 307	5 325,587	58 690,532	11,020	10,553							
49	67	86 283	4 965,185	53 364,945	10,748	10,280							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß   6,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	19	99 470	99 469,790	1 683 182,564	16,922	16,454	50	69	84 361	4 579,817	46 824,237	10,224	9,756
1	20	99 065	93 457,164	1 583 712,774	16,946	16,478	51	70	83 131	4 257,589	42 244,420	9,922	9,454
2	21	99 010	88 118,721	1 490 255,610	16,912	16,444	52	71	81 778	3 951,200	37 986,831	9,614	9,146
3	22	98 971	83 097,783	1 402 136,890	16,873	16,405	53	72	80 320	3 661,127	34 035,631	9,296	8,829
4	23	98 935	78 365,650	1 319 039,107	16,832	16,364	54	73	78 721	3 385,100	30 374,505	8,973	8,505
5	24	98 899	73 903,144	1 240 673,457	16,788	16,320	55	74	76 961	3 122,105	26 989,405	8,645	8,177
6	25	98 868	69 698,323	1 166 770,314	16,740	16,272	56	75	75 018	2 871,018	23 867,300	8,313	7,845
7	26	98 836	65 731,725	1 097 071,990	16,690	16,222	57	76	72 873	2 631,069	20 996,282	7,980	7,512
8	27	98 805	61 991,277	1 031 340,265	16,637	16,169	58	77	70 516	2 401,866	18 365,212	7,646	7,178
9	28	98 770	58 461,756	969 348,988	16,581	16,113	59	78	67 958	2 183,717	15 963,346	7,310	6,842
10	29	98 737	55 134,323	910 887,232	16,521	16,053	60	79	65 151	1 975,017	13 779,629	6,977	6,509
11	30	98 700	51 993,942	855 752,909	16,459	15,991	61	80	62 133	1 776,918	11 804,611	6,643	6,175
12	31	98 664	49 032,797	803 758,968	16,392	15,924	62	81	58 874	1 588,390	10 027,693	6,313	5,845
13	32	98 623	46 238,239	754 726,171	16,323	15,855	63	82	55 400	1 410,058	8 439,303	5,985	5,517
14	33	98 577	43 600,682	708 487,932	16,249	15,782	64	83	51 683	1 240,997	7 029,244	5,664	5,196
15	34	98 526	41 111,508	664 887,250	16,173	15,705	65	84	47 759	1 081,864	5 788,247	5,350	4,882
16	35	98 467	38 761,065	623 775,742	16,093	15,625	66	85	43 638	932,561	4 706,383	5,047	4,579
17	36	98 402	36 543,005	585 014,678	16,009	15,541	67	86	39 365	793,621	3 773,822	4,755	4,287
18	37	98 322	34 446,476	548 471,673	15,922	15,454	68	87	35 018	666,029	2 980,201	4,475	4,007
19	38	98 222	32 463,695	514 025,196	15,834	15,366	69	88	30 628	549,558	2 314,172	4,211	3,743
20	39	98 119	30 594,119	481 561,502	15,740	15,272	70	89	26 320	445,521	1 764,614	3,961	3,493
21	40	98 002	28 827,768	450 967,383	15,644	15,176	71	90	22 080	352,608	1 319,092	3,741	3,273
22	41	97 880	27 162,115	422 139,614	15,541	15,074	72	91	18 197	274,148	966,485	3,525	3,057
23	42	97 749	25 590,493	394 977,500	15,435	14,967	73	92	14 558	206,909	692,337	3,346	2,878
24	43	97 611	24 107,876	369 387,007	15,322	14,854	74	93	11 451	153,537	485,428	3,162	2,694
25	44	97 457	22 707,278	345 279,131	15,206	14,738	75	94	8 770	110,938	331,891	2,992	2,524
26	45	97 294	21 386,145	322 571,852	15,083	14,615	76	95	6 535	77,985	220,953	2,833	2,365
27	46	97 114	20 138,293	301 185,707	14,956	14,488	77	96	4 728	53,230	142,969	2,686	2,218
28	47	96 916	18 959,611	281 047,414	14,823	14,356	78	97	3 314	35,198	89,738	2,550	2,082
29	48	96 699	17 846,448	262 087,804	14,686	14,218	79	98	2 245	22,495	54,540	2,425	1,957
30	49	96 464	16 795,446	244 241,356	14,542	14,074	80	99	1 468	13,877	32,045	2,309	1,841
31	50	96 204	15 802,039	227 445,910	14,393	13,925	81	100	925	8,251	18,167	2,202	1,734
32	51	95 924	14 864,126	211 643,871	14,239	13,771							
33	52	95 619	13 978,167	196 779,744	14,078	13,610							
34	53	95 284	13 140,708	182 801,578	13,911	13,443							
35	54	94 922	12 349,819	169 660,869	13,738	13,270							
36	55	94 539	11 603,838	157 311,050	13,557	13,089							
37	56	94 121	10 898,621	145 707,212	13,369	12,901							
38	57	93 677	10 233,214	134 808,591	13,174	12,706							
39	58	93 200	9 604,824	124 575,378	12,970	12,502							
40	59	92 683	9 010,817	114 970,554	12,759	12,291							
41	60	92 127	8 449,777	105 959,737	12,540	12,072							
42	61	91 505	7 917,668	97 509,960	12,315	11,848							
43	62	90 840	7 415,215	89 592,292	12,082	11,614							
44	63	90 106	6 938,965	82 177,077	11,843	11,375							
45	64	89 321	6 489,150	75 238,113	11,594	11,126							
46	65	88 468	6 063,388	68 748,962	11,338	10,870							
47	66	87 560	5 661,465	62 685,574	11,072	10,604							
48	67	86 560	5 280,031	57 024,109	10,800	10,332							
49	68	85 495	4 919,841	51 744,078	10,517	10,049							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß   6,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	20	99 449	99 449,245	1 680 088,029	16,894	16,426	50	70	83 465	4 531,172	45 176,172	9,970	9,502
1	21	99 043	93 436,417	1 580 638,783	16,917	16,449	51	71	82 166	4 208,181	40 645,000	9,659	9,191
2	22	98 989	88 100,278	1 487 202,366	16,881	16,413	52	72	80 724	3 900,319	36 436,819	9,342	8,874
3	23	98 949	83 079,141	1 399 102,088	16,841	16,373	53	73	79 157	3 608,122	32 536,500	9,018	8,550
4	24	98 912	78 347,737	1 316 022,946	16,797	16,329	54	74	77 440	3 330,054	28 928,378	8,687	8,219
5	25	98 879	73 888,205	1 237 675,209	16,751	16,283	55	75	75 529	3 064,011	25 598,324	8,355	7,887
6	26	98 847	69 682,991	1 163 787,004	16,701	16,233	56	76	73 408	2 809,412	22 534,314	8,021	7,553
7	27	98 813	65 716,169	1 094 104,013	16,649	16,181	57	77	71 088	2 566,627	19 724,902	7,685	7,217
8	28	98 778	61 974,623	1 028 387,845	16,594	16,126	58	78	68 561	2 335,278	17 158,275	7,347	6,879
9	29	98 745	58 446,973	966 413,221	16,535	16,067	59	79	65 779	2 113,689	14 822,997	7,013	6,545
10	30	98 709	55 118,504	907 966,249	16,473	16,005	60	80	62 786	1 903,313	12 709,308	6,677	6,210
11	31	98 672	51 979,226	852 847,745	16,407	15,940	61	81	59 538	1 702,704	10 805,995	6,346	5,878
12	32	98 634	49 017,988	800 868,519	16,338	15,870	62	82	56 072	1 512,798	9 103,291	6,018	5,550
13	33	98 588	46 221,849	751 850,531	16,266	15,798	63	83	52 345	1 332,302	7 590,493	5,697	5,229
14	34	98 541	43 584,740	705 628,683	16,190	15,722	64	84	48 442	1 163,172	6 258,191	5,380	4,912
15	35	98 484	41 094,044	662 043,943	16,110	15,642	65	85	44 305	1 003,628	5 095,019	5,077	4,609
16	36	98 428	38 745,647	620 949,899	16,026	15,558	66	86	40 027	855,387	4 091,390	4,783	4,315
17	37	98 355	36 525,639	582 204,251	15,940	15,472	67	87	35 656	718,844	3 236,003	4,502	4,034
18	38	98 269	34 428,093	545 678,612	15,850	15,382	68	88	31 226	593,904	2 517,159	4,238	3,770
19	39	98 167	32 445,622	511 250,519	15,757	15,289	69	89	26 883	482,354	1 923,255	3,987	3,519
20	40	98 055	30 573,879	478 804,897	15,661	15,193	70	90	22 595	382,472	1 440,901	3,767	3,299
21	41	97 933	28 807,409	448 231,018	15,560	15,092	71	91	18 663	298,026	1 058,429	3,551	3,084
22	42	97 801	27 140,344	419 423,609	15,454	14,986	72	92	14 964	225,435	760,403	3,373	2,905
23	43	97 662	25 567,715	392 283,264	15,343	14,875	73	93	11 803	167,757	534,968	3,189	2,721
24	44	97 511	24 083,191	366 715,549	15,227	14,759	74	94	9 078	121,716	367,211	3,017	2,549
25	45	97 347	22 681,775	342 632,358	15,106	14,638	75	95	6 789	85,879	245,495	2,859	2,391
26	46	97 170	21 359,001	319 950,583	14,980	14,512	76	96	4 934	58,874	159,616	2,711	2,243
27	47	96 977	20 109,916	298 591,583	14,848	14,380	77	97	3 477	39,140	100,742	2,574	2,106
28	48	96 757	18 928,609	278 481,667	14,712	14,244	78	98	2 370	25,175	61,602	2,447	1,979
29	49	96 528	17 814,888	259 553,057	14,569	14,101	79	99	1 560	15,630	36,427	2,331	1,863
30	50	96 266	16 760,887	241 738,170	14,423	13,955	80	100	990	9,355	20,797	2,223	1,755
31	51	95 992	15 767,228	224 977,283	14,269	13,801							
32	52	95 689	14 827,757	209 210,055	14,109	13,641							
33	53	95 356	13 939,791	194 382,298	13,944	13,476							
34	54	94 997	13 101,200	180 442,507	13,773	13,305							
35	55	94 619	12 310,408	167 341,307	13,593	13,126							
36	56	94 204	11 562,723	155 030,898	13,408	12,940							
37	57	93 766	10 857,509	143 468,175	13,214	12,746							
38	58	93 303	10 192,316	132 610,666	13,011	12,543							
39	59	92 789	9 562,444	122 418,350	12,802	12,334							
40	60	92 245	8 968,268	112 855,906	12,584	12,116							
41	61	91 630	8 404,238	103 887,638	12,361	11,893							
42	62	90 979	7 872,167	95 483,400	12,129	11,661							
43	63	90 267	7 368,442	87 611,233	11,890	11,422							
44	64	89 499	6 892,211	80 242,790	11,643	11,175							
45	65	88 664	6 441,459	73 350,579	11,387	10,919							
46	66	87 777	6 016,034	66 909,120	11,122	10,654							
47	67	86 811	5 613,036	60 893,086	10,849	10,381							
48	68	85 770	5 231,812	55 280,051	10,566	10,098							
49	69	84 664	4 872,067	50 048,239	10,272	9,805							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß   6,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	21	99 427	99 427,169	1 676 802,620	16,865	16,397	50	71	82 496	4 478,589	43 455,617	9,703	9,235
1	22	99 022	93 416,862	1 577 375,451	16,885	16,417	51	72	81 108	4 153,991	38 977,027	9,383	8,915
2	23	98 967	88 080,515	1 483 958,589	16,848	16,380	52	73	79 556	3 843,852	34 823,036	9,059	8,591
3	24	98 926	83 060,151	1 395 878,074	16,806	16,338	53	74	77 870	3 549,449	30 979,185	8,728	8,260
4	25	98 892	78 331,900	1 312 817,923	16,760	16,292	54	75	76 000	3 268,090	27 429,735	8,393	7,925
5	26	98 857	73 871,951	1 234 486,024	16,711	16,243	55	76	73 908	2 998,263	24 161,645	8,059	7,591
6	27	98 823	69 666,499	1 160 614,072	16,660	16,192	56	77	71 610	2 740,601	21 163,382	7,722	7,254
7	28	98 786	65 698,514	1 090 947,573	16,605	16,137	57	78	69 117	2 495,471	18 422,781	7,382	6,915
8	29	98 753	61 958,952	1 025 249,059	16,547	16,079	58	79	66 363	2 260,389	15 927,310	7,046	6,578
9	30	98 717	58 430,203	963 290,107	16,486	16,018	59	80	63 391	2 036,950	13 666,921	6,710	6,242
10	31	98 681	55 102,904	904 859,904	16,421	15,953	60	81	60 164	1 823,820	11 629,971	6,377	5,909
11	32	98 642	51 963,527	849 757,001	16,353	15,885	61	82	56 705	1 621,672	9 806,151	6,047	5,579
12	33	98 599	49 000,612	797 793,474	16,281	15,813	62	83	52 980	1 429,376	8 184,479	5,726	5,258
13	34	98 552	46 204,948	748 792,862	16,206	15,738	63	84	49 062	1 248,751	6 755,103	5,409	4,942
14	35	98 499	43 566,226	702 587,914	16,127	15,659	64	85	44 939	1 079,056	5 506,352	5,103	4,635
15	36	98 445	41 077,699	659 021,687	16,043	15,575	65	86	40 639	920,574	4 427,296	4,809	4,341
16	37	98 381	38 727,235	617 943,988	15,956	15,488	66	87	36 255	774,791	3 506,722	4,526	4,058
17	38	98 303	36 506,146	579 216,753	15,866	15,398	67	88	31 794	640,999	2 731,932	4,262	3,794
18	39	98 215	34 408,926	542 710,607	15,772	15,304	68	89	27 407	521,277	2 090,932	4,011	3,543
19	40	98 103	32 424,157	508 301,681	15,677	15,209	69	90	23 078	414,093	1 569,655	3,791	3,323
20	41	97 985	30 552,287	475 877,524	15,576	15,108	70	91	19 097	323,267	1 155,563	3,575	3,107
21	42	97 854	28 784,320	445 325,237	15,471	15,003	71	92	15 346	245,070	832,295	3,396	2,928
22	43	97 714	27 116,187	416 540,916	15,361	14,893	72	93	12 132	182,777	587,225	3,213	2,745
23	44	97 562	25 541,535	389 424,729	15,247	14,779	73	94	9 357	132,989	404,448	3,041	2,573
24	45	97 402	24 056,142	363 883,194	15,126	14,658	74	95	7 027	94,223	271,459	2,881	2,413
25	46	97 224	22 652,986	339 827,052	15,001	14,533	75	96	5 126	64,834	177,236	2,734	2,266
26	47	97 033	21 328,904	317 174,066	14,871	14,403	76	97	3 628	43,290	112,403	2,597	2,129
27	48	96 818	20 077,034	295 845,162	14,736	14,268	77	98	2 487	27,994	69,113	2,469	2,001
28	49	96 586	18 895,135	275 768,128	14,595	14,127	78	99	1 647	17,492	41,119	2,351	1,883
29	50	96 329	17 778,231	256 872,993	14,449	13,981	79	100	1 052	10,536	23,627	2,242	1,775
30	51	96 054	16 723,963	239 094,762	14,297	13,829							
31	52	95 758	15 728,648	222 370,799	14,138	13,670							
32	53	95 427	14 787,049	206 642,151	13,975	13,507							
33	54	95 070	13 897,881	191 855,102	13,805	13,337							
34	55	94 694	13 059,391	177 957,221	13,627	13,159							
35	56	94 284	12 266,791	164 897,829	13,443	12,975							
36	57	93 849	11 519,106	152 631,039	13,250	12,782							
37	58	93 392	10 814,116	141 111,932	13,049	12,581							
38	59	92 891	10 147,344	130 297,816	12,841	12,373							
39	60	92 351	9 517,290	120 150,472	12,624	12,156							
40	61	91 748	8 919,935	110 633,182	12,403	11,935							
41	62	91 104	8 355,941	101 713,247	12,173	11,705							
42	63	90 405	7 822,513	93 357,306	11,934	11,466							
43	64	89 659	7 318,795	85 534,793	11,687	11,219							
44	65	88 841	6 841,557	78 215,998	11,432	10,965							
45	66	87 972	6 391,152	71 374,441	11,168	10,700							
46	67	87 026	5 964,571	64 983,289	10,895	10,427							
47	68	86 018	5 561,776	59 018,718	10,611	10,144							
48	69	84 937	5 181,008	53 456,942	10,318	9,850							
49	70	83 765	4 820,318	48 275,935	10,015	9,547							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß   6,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	22	99 406	99 406,360	1 673 316,846	16,833	16,365	50	72	81 434	4 420,918	41 662,864	9,424	8,956
1	23	99 000	93 395,906	1 573 910,487	16,852	16,384	51	73	79 934	4 093,851	37 241,947	9,097	8,629
2	24	98 945	88 060,381	1 480 514,581	16,812	16,345	52	74	78 262	3 781,346	33 148,096	8,766	8,298
3	25	98 906	83 043,362	1 392 454,199	16,768	16,300	53	75	76 421	3 483,403	29 366,750	8,430	7,963
4	26	98 870	78 314,668	1 309 410,838	16,720	16,252	54	76	74 369	3 197,964	25 883,347	8,094	7,626
5	27	98 834	73 854,468	1 231 096,169	16,669	16,201	55	77	72 098	2 924,827	22 685,383	7,756	7,288
6	28	98 797	69 647,783	1 157 241,701	16,616	16,148	56	78	69 625	2 664,622	19 760,556	7,416	6,948
7	29	98 761	65 681,901	1 087 593,918	16,559	16,091	57	79	66 901	2 415,445	17 095,934	7,078	6,610
8	30	98 725	61 941,175	1 021 912,017	16,498	16,030	58	80	63 953	2 178,324	14 680,489	6,739	6,271
9	31	98 689	58 413,665	959 970,842	16,434	15,966	59	81	60 743	1 951,876	12 502,165	6,405	5,937
10	32	98 651	55 086,261	901 557,177	16,366	15,898	60	82	57 300	1 737,023	10 550,290	6,074	5,606
11	33	98 607	51 945,107	846 470,916	16,295	15,828	61	83	53 578	1 532,246	8 813,266	5,752	5,284
12	34	98 563	48 982,696	794 525,809	16,221	15,753	62	84	49 657	1 339,737	7 281,020	5,435	4,967
13	35	98 510	46 185,321	745 543,113	16,142	15,674	63	85	45 514	1 158,447	5 941,283	5,129	4,661
14	36	98 460	43 548,897	699 357,792	16,059	15,591	64	86	41 220	989,760	4 782,836	4,832	4,364
15	37	98 398	41 058,178	655 808,894	15,973	15,505	65	87	36 810	833,835	3 793,076	4,549	4,081
16	38	98 328	38 706,567	614 750,716	15,882	15,414	66	88	32 329	690,887	2 959,242	4,283	3,815
17	39	98 248	36 485,823	576 044,149	15,788	15,320	67	89	27 906	562,613	2 268,355	4,032	3,564
18	40	98 150	34 386,163	539 558,326	15,691	15,223	68	90	23 529	447,508	1 705,741	3,812	3,344
19	41	98 033	32 401,259	505 172,163	15,591	15,123	69	91	19 506	349,993	1 258,234	3,595	3,127
20	42	97 907	30 527,800	472 770,905	15,487	15,019	70	92	15 704	265,827	908,241	3,417	2,949
21	43	97 767	28 758,700	442 243,105	15,378	14,910	71	93	12 442	198,697	642,414	3,233	2,765
22	44	97 614	27 088,422	413 484,405	15,264	14,796	72	94	9 618	144,896	443,717	3,062	2,594
23	45	97 453	25 512,848	386 395,984	15,145	14,677	73	95	7 244	102,949	298,821	2,903	2,435
24	46	97 278	24 025,609	360 883,135	15,021	14,553	74	96	5 305	71,133	195,872	2,754	2,286
25	47	97 087	22 621,066	336 857,526	14,891	14,423	75	97	3 769	47,672	124,739	2,617	2,149
26	48	96 875	21 294,028	314 236,460	14,757	14,289	76	98	2 595	30,962	77,067	2,489	2,021
27	49	96 647	20 041,529	292 942,432	14,617	14,149	77	99	1 728	19,450	46,105	2,370	1,902
28	50	96 387	18 856,256	272 900,903	14,473	14,005	78	100	1 110	11,791	26,655	2,261	1,793
29	51	96 117	17 739,066	254 044,647	14,321	13,853							
30	52	95 819	16 683,043	236 305,582	14,164	13,696							
31	53	95 495	15 685,467	219 622,539	14,002	13,534							
32	54	95 140	14 742,591	203 937,072	13,833	13,365							
33	55	94 766	13 853,530	189 194,481	13,657	13,189							
34	56	94 358	13 013,120	175 340,951	13,474	13,006							
35	57	93 928	12 220,518	162 327,831	13,283	12,815							
36	58	93 474	11 473,069	150 107,313	13,083	12,615							
37	59	92 980	10 766,401	138 634,244	12,877	12,409							
38	60	92 453	10 099,428	127 867,843	12,661	12,193							
39	61	91 853	9 465,998	117 768,414	12,441	11,973							
40	62	91 221	8 868,675	108 302,416	12,212	11,744							
41	63	90 529	8 303,235	99 433,742	11,975	11,507							
42	64	89 796	7 769,806	91 130,507	11,729	11,261							
43	65	89 000	7 265,006	83 360,701	11,474	11,006							
44	66	88 147	6 788,126	76 095,695	11,210	10,742							
45	67	87 219	6 336,481	69 307,570	10,938	10,470							
46	68	86 231	5 910,101	62 971,089	10,655	10,187							
47	69	85 183	5 507,767	57 060,988	10,360	9,892							
48	70	84 035	5 125,977	51 553,221	10,057	9,589							
49	71	82 793	4 764,379	46 427,244	9,745	9,277							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß   6,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	23	99 384	99 384,060	1 669 617,679	16,800	16,332	50	73	80 255	4 356,913	39 799,474	9,135	8,667
1	24	98 977	93 374,557	1 570 233,620	16,817	16,349	51	74	78 634	4 027,280	35 442,561	8,801	8,333
2	25	98 925	88 042,581	1 476 859,062	16,774	16,306	52	75	76 806	3 710,984	31 415,281	8,465	7,998
3	26	98 884	83 025,094	1 388 816,481	16,728	16,260	53	76	74 781	3 408,656	27 704,297	8,128	7,660
4	27	98 847	78 296,134	1 305 791,388	16,678	16,210	54	77	72 547	3 119,637	24 295,641	7,788	7,320
5	28	98 807	73 834,627	1 227 495,254	16,625	16,157	55	78	70 099	2 843,740	21 176,004	7,447	6,979
6	29	98 772	69 630,172	1 153 660,626	16,568	16,100	56	79	67 392	2 579,172	18 332,264	7,108	6,640
7	30	98 733	65 663,055	1 084 030,455	16,509	16,041	57	80	64 472	2 327,750	15 753,092	6,768	6,300
8	31	98 697	61 923,643	1 018 367,399	16,446	15,978	58	81	61 282	2 087,345	13 425,342	6,432	5,964
9	32	98 659	58 396,023	956 443,756	16,379	15,911	59	82	57 852	1 858,985	11 337,997	6,099	5,631
10	33	98 616	55 066,735	898 047,733	16,308	15,840	60	83	54 141	1 641,236	9 479,012	5,776	5,308
11	34	98 571	51 926,114	842 980,999	16,234	15,766	61	84	50 218	1 436,157	7 837,775	5,457	4,989
12	35	98 521	48 961,889	791 054,885	16,157	15,689	62	85	46 066	1 242,853	6 401,619	5,151	4,683
13	36	98 471	46 166,951	742 092,995	16,074	15,606	63	86	41 748	1 062,580	5 158,765	4,855	4,387
14	37	98 413	43 528,202	695 926,044	15,988	15,520	64	87	37 336	896,502	4 096,186	4,569	4,101
15	38	98 346	41 036,266	652 397,842	15,898	15,430	65	88	32 823	743,537	3 199,684	4,303	3,835
16	39	98 274	38 685,018	611 361,576	15,804	15,336	66	89	28 376	606,401	2 456,146	4,050	3,582
17	40	98 183	36 461,685	572 676,557	15,706	15,238	67	90	23 957	482,994	1 849,746	3,830	3,362
18	41	98 080	34 361,878	536 214,872	15,605	15,137	68	91	19 887	378,235	1 366,752	3,613	3,146
19	42	97 955	32 375,289	501 852,994	15,501	15,033	69	92	16 040	287,804	988,517	3,435	2,967
20	43	97 820	30 500,627	469 477,704	15,392	14,924	70	93	12 732	215,526	700,713	3,251	2,783
21	44	97 667	28 729,253	438 977,077	15,280	14,812	71	94	9 864	157,516	485,187	3,080	2,612
22	45	97 505	27 057,997	410 247,824	15,162	14,694	72	95	7 445	112,167	327,671	2,921	2,453
23	46	97 329	25 480,467	383 189,827	15,039	14,571	73	96	5 468	77,721	215,504	2,773	2,305
24	47	97 141	23 991,754	357 709,361	14,910	14,442	74	97	3 901	52,304	137,783	2,634	2,166
25	48	96 928	22 584,078	333 717,606	14,777	14,309	75	98	2 696	34,096	85,479	2,507	2,039
26	49	96 703	21 256,371	311 133,529	14,637	14,169	76	99	1 803	21,513	51,383	2,388	1,921
27	50	96 448	20 000,291	289 877,157	14,494	14,026	77	100	1 165	13,111	29,870	2,278	1,810
28	51	96 175	18 814,716	269 876,867	14,344	13,876							
29	52	95 882	17 695,662	251 062,151	14,188	13,720							
30	53	95 556	16 637,241	233 366,489	14,027	13,559							
31	54	95 208	15 638,308	216 729,248	13,859	13,391							
32	55	94 836	14 695,544	201 090,939	13,684	13,216							
33	56	94 431	13 804,444	186 395,395	13,503	13,035							
34	57	94 003	12 964,032	172 590,951	13,313	12,845							
35	58	93 553	12 171,678	159 626,919	13,115	12,647							
36	59	93 062	11 422,447	147 455,242	12,909	12,441							
37	60	92 541	10 715,562	136 032,795	12,695	12,227							
38	61	91 954	10 044,999	125 317,233	12,476	12,008							
39	62	91 326	9 411,600	115 272,234	12,248	11,780							
40	63	90 645	8 812,734	105 860,634	12,012	11,544							
41	64	89 919	8 247,289	97 047,900	11,767	11,299							
42	65	89 136	7 712,702	88 800,611	11,514	11,046							
43	66	88 305	7 208,267	81 087,909	11,249	10,781							
44	67	87 393	6 730,058	73 879,642	10,978	10,510							
45	68	86 423	6 278,614	67 149,584	10,695	10,227							
46	69	85 394	5 852,710	60 870,970	10,400	9,933							
47	70	84 278	5 449,266	55 018,260	10,096	9,628							
48	71	83 059	5 066,492	49 568,994	9,784	9,316							
49	72	81 727	4 703,028	44 502,502	9,463	8,995							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß   6,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	24	99 361	99 361,342	1 665 694,253	16,764	16,296	50	74	78 950	4 286,064	37 868,451	8,835	8,367
1	25	98 957	93 355,683	1 566 332,910	16,778	16,310	51	75	77 171	3 952,342	33 582,386	8,497	8,029
2	26	98 903	88 023,213	1 472 977,227	16,734	16,266	52	76	75 158	3 631,354	29 630,044	8,160	7,692
3	27	98 861	83 005,445	1 384 954,014	16,685	16,217	53	77	72 950	3 325,169	25 998,690	7,819	7,351
4	28	98 821	78 275,100	1 301 948,570	16,633	16,165	54	78	70 536	3 033,149	22 673,521	7,475	7,007
5	29	98 782	73 815,957	1 223 673,470	16,577	16,109	55	79	67 851	2 752,546	19 640,373	7,135	6,667
6	30	98 743	69 610,193	1 149 857,513	16,519	16,051	56	80	64 945	2 485,533	16 887,826	6,794	6,326
7	31	98 705	65 644,470	1 080 247,320	16,456	15,988	57	81	61 779	2 230,530	14 402,293	6,457	5,989
8	32	98 667	61 904,941	1 014 602,849	16,390	15,922	58	82	58 366	1 988,007	12 171,763	6,123	5,655
9	33	98 624	58 375,323	952 697,909	16,320	15,852	59	83	54 662	1 756,473	10 183,756	5,798	5,330
10	34	98 580	55 046,600	894 322,586	16,247	15,779	60	84	50 745	1 538,312	8 427,283	5,478	5,010
11	35	98 529	51 904,057	839 275,985	16,170	15,702	61	85	46 586	1 332,300	6 888,971	5,171	4,703
12	36	98 482	48 942,415	787 371,928	16,088	15,620	62	86	42 254	1 140,002	5 556,671	4,874	4,406
13	37	98 424	46 145,012	738 429,514	16,002	15,534	63	87	37 814	962,461	4 416,670	4,589	4,121
14	38	98 361	43 504,972	692 284,502	15,913	15,445	64	88	33 293	799,418	3 454,209	4,321	3,853
15	39	98 291	41 013,421	648 779,530	15,819	15,351	65	89	28 810	652,612	2 654,791	4,068	3,600
16	40	98 209	38 659,426	607 766,109	15,721	15,253	66	90	24 360	520,585	2 002,179	3,846	3,378
17	41	98 114	36 435,935	569 106,683	15,619	15,151	67	91	20 249	408,229	1 481,594	3,629	3,161
18	42	98 002	34 334,338	532 670,748	15,514	15,046	68	92	16 353	311,028	1 073,365	3,451	2,983
19	43	97 867	32 346,472	498 336,410	15,406	14,938	69	93	13 005	233,344	762,337	3,267	2,799
20	44	97 719	30 469,397	465 989,938	15,294	14,826	70	94	10 094	170,857	528,993	3,096	2,628
21	45	97 557	28 696,985	435 520,541	15,177	14,709	71	95	7 636	121,936	358,136	2,937	2,469
22	46	97 381	27 023,654	406 823,556	15,054	14,586	72	96	5 621	84,680	236,200	2,789	2,321
23	47	97 192	25 444,562	379 799,902	14,927	14,459	73	97	4 021	57,148	151,520	2,651	2,183
24	48	96 982	23 952,525	354 355,340	14,794	14,326	74	98	2 790	37,409	94,372	2,523	2,055
25	49	96 757	22 544,139	330 402,815	14,656	14,188	75	99	1 873	23,690	56,963	2,404	1,937
26	50	96 504	21 212,633	307 858,675	14,513	14,045	76	100	1 215	14,502	33,273	2,294	1,826
27	51	96 236	19 956,230	286 646,042	14,364	13,896							
28	52	95 940	18 768,680	266 689,812	14,209	13,741							
29	53	95 619	17 647,081	247 921,132	14,049	13,581							
30	54	95 269	16 587,221	230 274,052	13,883	13,415							
31	55	94 904	15 588,403	213 686,831	13,708	13,240							
32	56	94 500	14 643,475	198 098,428	13,528	13,060							
33	57	94 074	13 752,371	183 454,952	13,340	12,872							
34	58	93 627	12 912,220	169 702,581	13,143	12,675							
35	59	93 140	12 117,972	156 790,361	12,939	12,471							
36	60	92 622	11 368,510	144 672,389	12,726	12,258							
37	61	92 042	10 657,812	133 303,879	12,508	12,040							
38	62	91 426	9 987,273	122 646,067	12,280	11,812							
39	63	90 749	9 352,235	112 658,794	12,046	11,578							
40	64	90 035	8 753,355	103 306,559	11,802	11,334							
41	65	89 258	8 186,676	94 553,204	11,550	11,082							
42	66	88 440	7 652,467	86 366,528	11,286	10,818							
43	67	87 549	7 146,606	78 714,061	11,014	10,546							
44	68	86 595	6 668,597	71 567,455	10,732	10,264							
45	69	85 583	6 217,645	64 898,858	10,438	9,970							
46	70	84 487	5 790,545	58 681,213	10,134	9,666							
47	71	83 300	5 386,029	52 890,668	9,820	9,352							
48	72	81 990	5 001,250	47 504,639	9,499	9,031							
49	73	80 544	4 634,939	42 503,389	9,170	8,702							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß   6,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	25	99 341	99 341,258	1 661 533,935	16,726	16,258	50	75	77 481	4 206,311	35 873,554	8,529	8,061
1	26	98 935	93 335,147	1 562 192,677	16,737	16,269	51	76	75 515	3 867,533	31 667,243	8,188	7,720
2	27	98 879	88 002,381	1 468 857,530	16,691	16,223	52	77	73 317	3 542,412	27 799,710	7,848	7,380
3	28	98 834	82 983,145	1 380 855,149	16,640	16,172	53	78	70 927	3 232,983	24 257,298	7,503	7,035
4	29	98 796	78 255,306	1 297 872,004	16,585	16,117	54	79	68 274	2 935,881	21 024,315	7,161	6,693
5	30	98 754	73 794,777	1 219 616,698	16,527	16,059	55	80	65 388	2 652,613	18 088,434	6,819	6,351
6	31	98 715	69 590,491	1 145 821,920	16,465	15,997	56	81	62 233	2 381,723	15 435,822	6,481	6,013
7	32	98 675	65 624,644	1 076 231,429	16,400	15,932	57	82	58 839	2 124,379	13 054,099	6,145	5,677
8	33	98 632	61 882,997	1 010 606,785	16,331	15,863	58	83	55 147	1 878,380	10 929,720	5,819	5,351
9	34	98 588	58 353,979	948 723,787	16,258	15,790	59	84	51 234	1 646,322	9 051,340	5,498	5,030
10	35	98 538	55 023,218	890 369,808	16,182	15,714	60	85	47 076	1 427,068	7 405,018	5,189	4,721
11	36	98 490	51 883,412	835 346,591	16,100	15,632	61	86	42 731	1 222,046	5 977,951	4,892	4,424
12	37	98 435	48 919,156	783 463,179	16,015	15,548	62	87	38 273	1 032,588	4 755,905	4,606	4,138
13	38	98 371	46 120,385	734 544,022	15,927	15,459	63	88	33 719	858,234	3 723,317	4,338	3,870
14	39	98 306	43 480,752	688 423,637	15,833	15,365	64	89	29 221	701,660	2 865,083	4,083	3,615
15	40	98 226	40 986,288	644 942,885	15,736	15,268	65	90	24 733	560,257	2 163,423	3,861	3,394
16	41	98 139	38 632,124	603 956,597	15,634	15,166	66	91	20 589	440,000	1 603,167	3,644	3,176
17	42	98 035	36 406,732	565 324,473	15,528	15,060	67	92	16 651	335,692	1 163,166	3,465	2,997
18	43	97 915	34 303,777	528 917,741	15,419	14,951	68	93	13 259	252,173	827,474	3,281	2,813
19	44	97 767	32 313,352	494 613,964	15,307	14,839	69	94	10 309	184,983	575,301	3,110	2,642
20	45	97 610	30 435,175	462 300,612	15,190	14,722	70	95	7 814	132,264	390,318	2,951	2,483
21	46	97 433	28 660,562	431 865,437	15,068	14,600	71	96	5 765	92,055	258,054	2,803	2,335
22	47	97 244	26 985,575	403 204,875	14,941	14,474	72	97	4 133	62,265	165,999	2,666	2,198
23	48	97 033	25 402,957	376 219,300	14,810	14,342	73	98	2 876	40,874	103,735	2,538	2,070
24	49	96 811	23 910,167	350 816,343	14,672	14,204	74	99	1 939	25,992	62,861	2,418	1,950
25	50	96 557	22 497,751	326 906,177	14,531	14,063	75	100	1 263	15,970	36,869	2,309	1,841
26	51	96 292	21 165,902	304 408,425	14,382	13,914							
27	52	96 000	19 907,401	283 242,523	14,228	13,760							
28	53	95 676	18 717,153	263 335,122	14,069	13,601							
29	54	95 331	17 594,024	244 617,969	13,903	13,436							
30	55	94 965	16 534,287	227 023,946	13,730	13,263							
31	56	94 568	15 533,171	210 489,658	13,551	13,083							
32	57	94 144	14 588,237	194 956,487	13,364	12,896							
33	58	93 698	13 697,409	180 368,250	13,168	12,700							
34	59	93 214	12 855,247	166 670,841	12,965	12,497							
35	60	92 700	12 060,751	153 815,594	12,753	12,285							
36	61	92 123	11 307,241	141 754,843	12,537	12,069							
37	62	91 513	10 596,565	130 447,602	12,310	11,842							
38	63	90 849	9 924,277	119 851,037	12,077	11,609							
39	64	90 138	9 289,221	109 926,760	11,834	11,366							
40	65	89 373	8 689,023	100 637,540	11,582	11,114							
41	66	88 561	8 122,739	91 948,516	11,320	10,852							
42	67	87 683	7 587,006	83 825,777	11,049	10,581							
43	68	86 750	7 081,341	76 238,772	10,766	10,298							
44	69	85 754	6 603,841	69 157,431	10,472	10,004							
45	70	84 674	6 151,604	62 553,590	10,169	9,701							
46	71	83 506	5 723,348	56 401,986	9,855	9,387							
47	72	82 227	5 316,672	50 678,638	9,532	9,064							
48	73	80 803	4 928,843	45 361,966	9,203	8,735							
49	74	79 234	4 559,569	40 433,123	8,868	8,400							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß   6,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	49	93 528	5 077,481	66 381,916	13,074	12,606
1	0	99 613	93 974,734	1 617 097,784	17,208	16,740	51	50	92 962	4 761,095	61 304,436	12,876	12,408
2	1	99 267	88 346,989	1 523 123,050	17,240	16,772	52	51	92 318	4 460,501	56 543,341	12,676	12,208
3	2	99 222	83 308,489	1 434 776,061	17,222	16,754	53	52	91 632	4 176,710	52 082,840	12,470	12,002
4	3	99 193	78 570,281	1 351 467,572	17,201	16,733	54	53	90 876	3 907,785	47 906,130	12,259	11,791
5	4	99 169	74 104,782	1 272 897,292	17,177	16,709	55	54	90 041	3 652,744	43 998,345	12,045	11,577
6	5	99 146	69 894,288	1 198 792,510	17,152	16,684	56	55	89 147	3 411,746	40 345,601	11,825	11,358
7	6	99 126	65 924,377	1 128 898,222	17,124	16,656	57	56	88 183	3 183,846	36 933,854	11,600	11,132
8	7	99 109	62 182,268	1 062 973,845	17,094	16,627	58	57	87 144	2 968,225	33 750,008	11,370	10,902
9	8	99 092	58 652,596	1 000 791,577	17,063	16,595	59	58	86 032	2 764,493	30 781,783	11,135	10,667
10	9	99 077	55 324,218	942 138,980	17,029	16,561	60	59	84 835	2 571,727	28 017,290	10,894	10,426
11	10	99 062	52 184,394	886 814,762	16,994	16,526	61	60	83 557	2 389,608	25 445,563	10,648	10,180
12	11	99 046	49 222,842	834 630,369	16,956	16,488	62	61	82 179	2 217,163	23 055,955	10,399	9,931
13	12	99 027	46 427,763	785 407,527	16,917	16,449	63	62	80 727	2 054,711	20 838,792	10,142	9,674
14	13	99 008	43 791,393	738 979,764	16,875	16,407	64	63	79 204	1 901,826	18 784,081	9,877	9,409
15	14	98 984	41 302,734	695 188,371	16,832	16,364	65	64	77 561	1 756,967	16 882,255	9,609	9,141
16	15	98 956	38 953,684	653 885,636	16,786	16,318	66	65	75 832	1 620,557	15 125,288	9,333	8,865
17	16	98 918	36 734,594	614 931,952	16,740	16,272	67	66	73 995	1 491,797	13 504,731	9,053	8,585
18	17	98 869	34 638,206	578 197,358	16,692	16,225	68	67	72 050	1 370,368	12 012,934	8,766	8,298
19	18	98 806	32 656,578	543 559,152	16,645	16,177	69	68	70 025	1 256,465	10 642,566	8,470	8,002
20	19	98 735	30 786,004	510 902,574	16,595	16,127	70	69	67 893	1 149,250	9 386,102	8,167	7,699
21	20	98 661	29 021,782	480 116,570	16,543	16,075	71	70	65 643	1 048,260	8 236,851	7,858	7,390
22	21	98 586	27 358,169	451 094,788	16,488	16,021	72	71	63 263	953,082	7 188,592	7,542	7,075
23	22	98 513	25 790,480	423 736,618	16,430	15,962	73	72	60 756	863,495	6 235,509	7,221	6,753
24	23	98 440	24 312,467	397 946,138	16,368	15,900	74	73	58 089	778,860	5 372,014	6,897	6,429
25	24	98 362	22 918,215	373 633,671	16,303	15,835	75	74	55 209	698,345	4 593,154	6,577	6,109
26	25	98 288	21 604,712	350 715,456	16,233	15,765	76	75	52 153	622,352	3 894,808	6,258	5,790
27	26	98 209	20 365,480	329 110,744	16,160	15,692	77	76	48 910	550,615	3 272,456	5,943	5,475
28	27	98 124	19 196,012	308 745,264	16,084	15,616	78	77	45 482	483,039	2 721,841	5,635	5,167
29	28	98 039	18 093,701	289 549,252	16,003	15,535	79	78	41 885	419,660	2 238,802	5,335	4,867
30	29	97 949	17 053,991	271 455,552	15,917	15,449	80	79	38 156	360,657	1 819,142	5,044	4,576
31	30	97 859	16 073,762	254 401,561	15,827	15,359	81	80	34 379	306,559	1 458,485	4,758	4,290
32	31	97 761	15 148,815	238 327,799	15,732	15,264	82	81	30 543	256,938	1 151,926	4,483	4,015
33	32	97 660	14 276,516	223 178,984	15,633	15,165	83	82	26 753	212,314	894,988	4,215	3,747
34	33	97 551	13 453,360	208 902,468	15,528	15,060	84	83	23 055	172,615	682,673	3,955	3,487
35	34	97 438	12 677,145	195 449,109	15,417	14,949	85	84	19 488	137,645	510,058	3,706	3,238
36	35	97 314	11 944,449	182 771,964	15,302	14,834	86	85	16 114	107,377	372,413	3,468	3,000
37	36	97 190	11 253,944	170 827,515	15,179	14,711	87	86	12 994	81,681	265,036	3,245	2,777
38	37	97 052	10 601,814	159 573,571	15,052	14,584	88	87	10 178	60,357	183,354	3,038	2,570
39	38	96 893	9 985,386	148 971,757	14,919	14,451	89	88	7 730	43,244	122,997	2,844	2,376
40	39	96 728	9 404,122	138 986,371	14,779	14,311	90	89	5 649	29,818	79,752	2,675	2,207
41	40	96 540	8 854,571	129 582,249	14,635	14,167	91	90	3 996	19,899	49,934	2,509	2,041
42	41	96 340	8 336,037	120 727,678	14,483	14,015	92	91	2 703	12,696	30,035	2,366	1,898
43	42	96 115	7 845,865	112 391,641	14,325	13,857	93	92	1 742	7,719	17,338	2,246	1,778
44	43	95 859	7 381,984	104 545,776	14,162	13,694	94	93	1 081	4,518	9,620	2,129	1,661
45	44	95 570	6 943,165	97 163,792	13,994	13,526	95	94	640	2,522	5,102	2,023	1,555
46	45	95 251	6 528,306	90 220,627	13,820	13,352	96	95	360	1,339	2,579	1,926	1,458
47	46	94 895	6 135,748	83 692,320	13,640	13,172	97	96	192	0,675	1,240	1,838	1,370
48	47	94 488	5 763,599	77 556,572	13,456	12,988	98	97	97	0,322	0,565	1,758	1,290
49	48	94 031	5 411,057	71 792,973	13,268	12,800	99	98	46	0,145	0,244	1,686	1,218
							100	99	21	0,061	0,099	1,620	1,152

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß   6,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2	0	99 581	88 626,400	1 524 125,613	17,197	16,729
3	1	99 248	83 330,485	1 435 499,213	17,227	16,759
4	2	99 208	78 581,985	1 352 168,728	17,207	16,739
5	3	99 180	74 113,063	1 273 586,743	17,184	16,716
6	4	99 158	69 902,619	1 199 473,680	17,159	16,691
7	5	99 136	65 931,041	1 129 571,061	17,133	16,665
8	6	99 118	62 187,684	1 063 640,020	17,104	16,636
9	7	99 101	58 657,631	1 001 452,336	17,073	16,605
10	8	99 085	55 328,293	942 794,705	17,040	16,572
11	9	99 068	52 187,994	887 466,413	17,005	16,537
12	10	99 053	49 226,335	835 278,419	16,968	16,500
13	11	99 035	46 431,476	786 052,083	16,929	16,461
14	12	99 016	43 794,919	739 620,608	16,888	16,420
15	13	98 993	41 306,434	695 825,689	16,845	16,377
16	14	98 967	38 957,907	654 519,254	16,801	16,333
17	15	98 930	36 739,215	615 561,347	16,755	16,287
18	16	98 884	34 643,537	578 822,132	16,708	16,240
19	17	98 822	32 661,819	544 178,595	16,661	16,193
20	18	98 757	30 793,037	511 516,776	16,611	16,143
21	19	98 682	29 027,778	480 723,739	16,561	16,093
22	20	98 608	27 364,244	451 695,961	16,507	16,039
23	21	98 534	25 795,879	424 331,717	16,450	15,982
24	22	98 462	24 317,922	398 535,838	16,389	15,921
25	23	98 385	22 923,455	374 217,916	16,325	15,857
26	24	98 308	21 609,080	351 294,460	16,257	15,789
27	25	98 231	20 369,961	329 685,381	16,185	15,717
28	26	98 147	19 200,556	309 315,420	16,110	15,642
29	27	98 065	18 098,563	290 114,864	16,030	15,562
30	28	97 974	17 058,304	272 016,301	15,946	15,478
31	29	97 887	16 078,375	254 957,997	15,857	15,389
32	30	97 789	15 153,103	238 879,621	15,764	15,296
33	31	97 689	14 280,829	223 726,518	15,666	15,198
34	32	97 585	13 458,130	209 445,689	15,563	15,095
35	33	97 473	12 681,782	195 987,559	15,454	14,986
36	34	97 356	11 949,525	183 305,777	15,340	14,872
37	35	97 229	11 258,422	171 356,252	15,220	14,752
38	36	97 098	10 606,854	160 097,830	15,094	14,626
39	37	96 945	9 990,717	149 490,976	14,963	14,495
40	38	96 782	9 409,361	139 500,258	14,826	14,358
41	39	96 604	8 860,432	130 090,897	14,682	14,214
42	40	96 408	8 341,929	121 230,465	14,533	14,065
43	41	96 193	7 852,159	112 888,537	14,377	13,909
44	42	95 944	7 388,561	105 036,378	14,216	13,748
45	43	95 668	6 950,281	97 647,817	14,049	13,582
46	44	95 358	6 535,647	90 697,536	13,877	13,409
47	45	95 016	6 143,546	84 161,889	13,699	13,231
48	46	94 621	5 771,732	78 018,343	13,517	13,049
49	47	94 185	5 419,919	72 246,611	13,330	12,862
50	48	93 694	5 086,476	66 826,692	13,138	12,670
51	49	93 154	4 770,912	61 740,216	12,941	12,473
52	50	92 522	4 470,349	56 969,304	12,744	12,276
53	51	91 856	4 186,954	52 498,955	12,539	12,071
54	52	91 126	3 918,543	48 312,001	12,329	11,861
55	53	90 313	3 663,759	44 393,458	12,117	11,649
56	54	89 432	3 422,669	40 729,699	11,900	11,432
57	55	88 497	3 195,167	37 307,030	11,676	11,208
58	56	87 474	2 979,464	34 111,863	11,449	10,981
59	57	86 378	2 775,586	31 132,399	11,217	10,749
60	58	85 211	2 583,124	28 356,812	10,978	10,510
61	59	83 954	2 400,945	25 773,688	10,735	10,267
62	60	82 624	2 229,177	23 372,743	10,485	10,017
63	61	81 194	2 066,587	21 143,566	10,231	9,763
64	62	79 707	1 913,899	19 076,979	9,968	9,500
65	63	78 087	1 768,885	17 163,080	9,703	9,235
66	64	76 393	1 632,555	15 394,195	9,430	8,962
67	65	74 577	1 503,539	13 761,639	9,153	8,685
68	66	72 672	1 382,192	12 258,100	8,869	8,401
69	67	70 671	1 268,045	10 875,909	8,577	8,109
70	68	68 559	1 160,520	9 607,864	8,279	7,811
71	69	66 347	1 059,513	8 447,344	7,973	7,505
72	70	64 006	964,272	7 387,831	7,662	7,194
73	71	61 548	874,760	6 423,559	7,343	6,875
74	72	58 942	790,302	5 548,799	7,021	6,553
75	73	56 122	709,889	4 758,497	6,703	6,235
76	74	53 142	634,152	4 048,608	6,384	5,916
77	75	49 983	562,690	3 414,456	6,068	5,600
78	76	46 624	495,167	2 851,766	5,759	5,291
79	77	43 080	431,627	2 356,600	5,460	4,992
80	78	39 420	372,605	1 924,973	5,166	4,698
81	79	35 674	318,108	1 552,367	4,880	4,412
82	80	31 874	268,137	1 234,259	4,603	4,135
83	81	28 089	222,923	966,122	4,334	3,866
84	82	24 401	182,690	743,198	4,068	3,600
85	83	20 792	146,855	560,509	3,817	3,349
86	84	17 371	115,747	413,654	3,574	3,106
87	85	14 166	89,051	297,906	3,345	2,877
88	86	11 236	66,636	208,856	3,134	2,666
89	87	8 668	48,496	142,220	2,933	2,465
90	88	6 437	33,973	93,723	2,759	2,291
91	89	4 655	23,180	59,751	2,578	2,110
92	90	3 198	15,022	36,571	2,435	1,967
93	91	2 118	9,386	21,550	2,296	1,828
94	92	1 333	5,573	12,163	2,183	1,715
95	93	807	3,182	6,590	2,071	1,603
96	94	465	1,730	3,408	1,970	1,502
97	95	255	0,894	1,678	1,878	1,410
98	96	132	0,437	0,785	1,795	1,327
99	97	65	0,202	0,347	1,719	1,251
100	98	30	0,088	0,145	1,650	1,182

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß   6,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	47	93 847	5 094,806	67 236,589	13,197	12,729
1							51	48	93 319	4 779,364	62 141,783	13,002	12,534
2							52	49	92 713	4 479,567	57 362,419	12,805	12,337
3	0	99 562	83 594,031	1 436 426,707	17,183	16,715	53	50	92 059	4 196,199	52 882,852	12,603	12,135
4	1	99 234	78 602,733	1 352 832,676	17,211	16,743	54	51	91 349	3 928,154	48 686,654	12,394	11,926
5	2	99 195	74 124,103	1 274 229,943	17,190	16,723	55	52	90 561	3 673,845	44 758,499	12,183	11,715
6	3	99 169	69 910,430	1 200 105,839	17,166	16,698	56	53	89 702	3 432,990	41 084,654	11,968	11,500
7	4	99 148	65 938,899	1 130 195,409	17,140	16,672	57	54	88 780	3 205,396	37 651,664	11,746	11,278
8	5	99 128	62 193,970	1 064 256,510	17,112	16,644	58	55	87 785	2 990,058	34 446,268	11,520	11,052
9	6	99 109	58 662,740	1 002 062,540	17,082	16,614	59	56	86 705	2 786,096	31 456,209	11,290	10,822
10	7	99 093	55 333,042	943 399,800	17,049	16,582	60	57	85 553	2 593,489	28 670,113	11,055	10,587
11	8	99 076	52 191,838	888 066,758	17,015	16,547	61	58	84 326	2 411,586	26 076,624	10,813	10,345
12	9	99 060	49 229,732	835 874,921	16,979	16,511	62	59	83 016	2 239,753	23 665,038	10,566	10,098
13	10	99 042	46 434,771	786 645,189	16,941	16,473	63	60	81 634	2 077,785	21 425,285	10,312	9,844
14	11	99 024	43 798,421	740 210,418	16,900	16,432	64	61	80 167	1 924,961	19 347,500	10,051	9,583
15	12	99 001	41 309,760	696 411,997	16,858	16,390	65	62	78 583	1 780,114	17 422,539	9,787	9,319
16	13	98 976	38 961,397	655 102,237	16,814	16,346	66	63	76 911	1 643,630	15 642,425	9,517	9,049
17	14	98 941	36 743,198	616 140,840	16,769	16,301	67	64	75 130	1 514,671	13 998,796	9,242	8,774
18	15	98 897	34 647,895	579 397,642	16,722	16,254	68	65	73 244	1 393,071	12 484,125	8,962	8,494
19	16	98 837	32 666,846	544 749,747	16,676	16,208	69	66	71 280	1 278,986	11 091,053	8,672	8,204
20	17	98 773	30 797,979	512 082,901	16,627	16,159	70	67	69 191	1 171,216	9 812,068	8,378	7,910
21	18	98 704	29 034,409	481 284,922	16,576	16,108	71	68	66 998	1 069,903	8 640,852	8,076	7,608
22	19	98 628	27 369,897	452 250,512	16,524	16,056	72	69	64 693	974,624	7 570,949	7,768	7,300
23	20	98 556	25 801,607	424 880,615	16,467	15,999	73	70	62 271	885,030	6 596,325	7,453	6,985
24	21	98 482	24 323,013	399 079,008	16,407	15,940	74	71	59 711	800,612	5 711,295	7,134	6,666
25	22	98 407	22 928,599	374 755,996	16,344	15,877	75	72	56 946	720,318	4 910,683	6,817	6,349
26	23	98 330	21 614,020	351 827,397	16,278	15,810	76	73	54 021	644,634	4 190,365	6,500	6,032
27	24	98 251	20 374,079	330 213,377	16,208	15,740	77	74	50 930	573,358	3 545,731	6,184	5,716
28	25	98 169	19 204,781	309 839,297	16,133	15,665	78	75	47 646	506,025	2 972,373	5,874	5,406
29	26	98 088	18 102,847	290 634,517	16,055	15,587	79	76	44 161	442,464	2 466,348	5,574	5,106
30	27	98 001	17 062,888	272 531,669	15,972	15,504	80	77	40 544	383,230	2 023,884	5,281	4,813
31	28	97 912	16 082,442	255 468,781	15,885	15,417	81	78	36 856	328,648	1 640,654	4,992	4,524
32	29	97 817	15 157,452	239 386,339	15,793	15,325	82	79	33 075	278,239	1 312,006	4,715	4,247
33	30	97 717	14 284,872	224 228,887	15,697	15,229	83	80	29 314	232,640	1 033,767	4,444	3,976
34	31	97 615	13 462,196	209 944,015	15,595	15,127	84	81	25 620	191,818	801,128	4,176	3,709
35	32	97 508	12 686,279	196 481,819	15,488	15,020	85	82	22 005	155,426	609,309	3,920	3,452
36	33	97 391	11 953,896	183 795,540	15,375	14,907	86	83	18 533	123,492	453,884	3,675	3,207
37	34	97 270	11 263,207	171 841,644	15,257	14,789	87	84	15 270	95,993	330,392	3,442	2,974
38	35	97 136	10 611,075	160 578,438	15,133	14,665	88	85	12 250	72,648	234,399	3,227	2,759
39	36	96 991	9 995,467	149 967,363	15,004	14,536	89	86	9 570	53,541	161,751	3,021	2,553
40	37	96 834	9 414,385	139 971,895	14,868	14,400	90	87	7 218	38,098	108,210	2,840	2,372
41	38	96 658	8 865,368	130 557,510	14,727	14,259	91	88	5 304	26,409	70,112	2,655	2,187
42	39	96 472	8 347,451	121 692,142	14,578	14,110	92	89	3 725	17,498	43,703	2,498	2,030
43	40	96 260	7 857,708	113 344,691	14,425	13,957	93	90	2 506	11,105	26,205	2,360	1,892
44	41	96 021	7 394,487	105 486,984	14,266	13,798	94	91	1 621	6,777	15,099	2,228	1,760
45	42	95 753	6 956,473	98 092,496	14,101	13,633	95	92	995	3,924	8,322	2,121	1,653
46	43	95 456	6 542,346	91 136,023	13,930	13,462	96	93	587	2,182	4,398	2,015	1,547
47	44	95 122	6 150,454	84 593,677	13,754	13,286	97	94	329	1,154	2,215	1,919	1,451
48	45	94 741	5 779,067	78 443,223	13,574	13,106	98	95	175	0,579	1,061	1,832	1,364
49	46	94 318	5 427,567	72 664,156	13,388	12,920	99	96	88	0,275	0,482	1,753	1,285
							100	97	42	0,123	0,207	1,681	1,213

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß   6,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$
0							50	46	93 980	5 101,996	67 613,534	13,252	12,784
1							51	47	93 472	4 787,192	62 511,538	13,058	12,590
2							52	48	92 877	4 487,502	57 724,346	12,863	12,395
3							53	49	92 249	4 204,851	53 236,844	12,661	12,193
4	0	99 548	78 851,327	1 353 690,481	17,168	16,700	54	50	91 551	3 936,827	49 031,993	12,455	11,987
5	1	99 221	74 143,675	1 274 839,155	17,194	16,726	55	51	90 784	3 682,856	45 095,166	12,245	11,777
6	2	99 184	69 920,844	1 200 695,480	17,172	16,704	56	52	89 949	3 442,441	41 412,310	12,030	11,562
7	3	99 159	65 946,268	1 130 774,636	17,147	16,679	57	53	89 048	3 215,063	37 969,869	11,810	11,342
8	4	99 140	62 201,383	1 064 828,368	17,119	16,651	58	54	88 066	2 999,631	34 754,806	11,586	11,118
9	5	99 119	58 668,670	1 002 626,984	17,090	16,622	59	55	87 013	2 796,003	31 755,175	11,357	10,889
10	6	99 102	55 337,861	943 958,315	17,058	16,590	60	56	85 877	2 603,310	28 959,173	11,124	10,656
11	7	99 084	52 196,318	888 620,454	17,025	16,557	61	57	84 664	2 421,262	26 355,863	10,885	10,417
12	8	99 067	49 233,357	836 424,136	16,989	16,521	62	58	83 384	2 249,679	23 934,600	10,639	10,171
13	9	99 049	46 437,975	787 190,779	16,951	16,483	63	59	82 021	2 087,643	21 684,921	10,387	9,919
14	10	99 031	43 801,530	740 752,805	16,912	16,444	64	60	80 602	1 935,391	19 597,278	10,126	9,658
15	11	99 009	41 313,064	696 951,275	16,870	16,402	65	61	79 037	1 790,403	17 661,887	9,865	9,397
16	12	98 984	38 964,534	655 638,211	16,827	16,359	66	62	77 400	1 654,063	15 871,484	9,595	9,127
17	13	98 950	36 746,490	616 673,677	16,782	16,314	67	63	75 639	1 524,946	14 217,421	9,323	8,855
18	14	98 908	34 651,651	579 927,188	16,736	16,268	68	64	73 786	1 403,385	12 692,475	9,044	8,576
19	15	98 849	32 670,956	545 275,537	16,690	16,222	69	65	71 842	1 289,053	11 289,090	8,758	8,290
20	16	98 788	30 802,719	512 604,581	16,642	16,174	70	66	69 788	1 181,321	10 000,037	8,465	7,997
21	17	98 720	29 039,069	481 801,862	16,592	16,124	71	67	67 615	1 079,763	8 818,716	8,167	7,699
22	18	98 651	27 376,150	452 762,793	16,539	16,071	72	68	65 328	984,181	7 738,953	7,863	7,395
23	19	98 576	25 806,937	425 386,643	16,483	16,015	73	69	62 940	894,532	6 754,771	7,551	7,083
24	20	98 504	24 328,413	399 579,706	16,424	15,956	74	70	60 412	810,012	5 860,240	7,235	6,767
25	21	98 427	22 933,399	375 251,293	16,363	15,895	75	71	57 689	729,714	5 050,228	6,921	6,453
26	22	98 353	21 618,870	352 317,894	16,297	15,829	76	72	54 814	654,104	4 320,514	6,605	6,137
27	23	98 273	20 378,737	330 699,024	16,228	15,760	77	73	51 772	582,836	3 666,409	6,291	5,823
28	24	98 189	19 208,663	310 320,287	16,155	15,687	78	74	48 550	515,619	3 083,573	5,980	5,512
29	25	98 110	18 106,830	291 111,623	16,077	15,609	79	75	45 130	452,167	2 567,954	5,679	5,211
30	26	98 024	17 066,927	273 004,793	15,996	15,528	80	76	41 562	392,852	2 115,788	5,386	4,918
31	27	97 938	16 086,764	255 937,865	15,910	15,442	81	77	37 907	338,019	1 722,936	5,097	4,629
32	28	97 842	15 161,286	239 851,102	15,820	15,352	82	78	34 171	287,457	1 384,917	4,818	4,350
33	29	97 745	14 288,972	224 689,815	15,725	15,257	83	79	30 418	241,404	1 097,460	4,546	4,078
34	30	97 642	13 466,007	210 400,844	15,625	15,157	84	80	26 737	200,179	856,055	4,276	3,808
35	31	97 537	12 690,112	196 934,836	15,519	15,051	85	81	23 105	163,192	655,876	4,019	3,551
36	32	97 426	11 958,134	184 244,725	15,407	14,940	86	82	19 614	130,699	492,684	3,770	3,302
37	33	97 306	11 267,326	172 286,590	15,291	14,823	87	83	16 292	102,415	361,985	3,534	3,067
38	34	97 178	10 615,584	161 019,264	15,168	14,700	88	84	13 205	78,311	259,570	3,315	2,847
39	35	97 030	9 999,445	150 403,680	15,041	14,573	89	85	10 433	58,371	181,259	3,105	2,637
40	36	96 880	9 418,861	140 404,235	14,907	14,439	90	86	7 969	42,062	122,888	2,922	2,454
41	37	96 709	8 870,102	130 985,374	14,767	14,299	91	87	5 948	29,616	80,826	2,729	2,261
42	38	96 525	8 352,101	122 115,272	14,621	14,153	92	88	4 244	19,936	51,210	2,569	2,101
43	39	96 324	7 862,910	113 763,172	14,468	14,000	93	89	2 919	12,936	31,274	2,418	1,950
44	40	96 089	7 399,713	105 900,262	14,311	13,843	94	90	1 918	8,018	18,338	2,287	1,819
45	41	95 830	6 962,053	98 500,549	14,148	13,680	95	91	1 210	4,772	10,320	2,162	1,694
46	42	95 541	6 548,174	91 538,496	13,979	13,511	96	92	723	2,692	5,547	2,061	1,593
47	43	95 220	6 156,758	84 990,321	13,804	13,336	97	93	415	1,456	2,855	1,961	1,493
48	44	94 848	5 785,565	78 833,563	13,626	13,158	98	94	226	0,748	1,399	1,870	1,402
49	45	94 437	5 434,464	73 047,998	13,442	12,974	99	95	117	0,364	0,651	1,788	1,320
							100	96	57	0,167	0,287	1,713	1,245

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß   6,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	45	94 099	5 108,479	67 959,782	13,303	12,835
1							51	46	93 604	4 793,947	62 851,303	13,111	12,643
2							52	47	93 029	4 494,852	58 057,356	12,916	12,448
3							53	48	92 412	4 212,300	53 562,504	12,716	12,248
4							54	49	91 740	3 944,944	49 350,204	12,510	12,042
5	0	99 535	74 378,166	1 275 632,337	17,151	16,683	55	50	90 984	3 690,988	45 405,259	12,302	11,834
6	1	99 210	69 939,306	1 201 254,171	17,176	16,708	56	51	90 169	3 450,885	41 714,272	12,088	11,620
7	2	99 174	65 956,091	1 131 314,865	17,153	16,685	57	52	89 293	3 223,914	38 263,387	11,869	11,401
8	3	99 151	62 208,334	1 065 358,774	17,126	16,658	58	53	88 332	3 008,676	35 039,474	11,646	11,178
9	4	99 131	58 675,663	1 003 150,440	17,097	16,629	59	54	87 291	2 804,954	32 030,797	11,419	10,951
10	5	99 112	55 343,455	944 474,777	17,066	16,598	60	55	86 183	2 612,566	29 225,843	11,187	10,719
11	6	99 093	52 200,864	889 131,322	17,033	16,565	61	56	84 985	2 430,431	26 613,277	10,950	10,482
12	7	99 076	49 237,583	836 930,459	16,998	16,530	62	57	83 719	2 258,706	24 182,846	10,707	10,239
13	8	99 056	46 441,395	787 692,876	16,961	16,493	63	58	82 385	2 096,895	21 924,140	10,456	9,988
14	9	99 038	43 804,552	741 251,481	16,922	16,454	64	59	80 984	1 944,574	19 827,245	10,196	9,728
15	10	99 016	41 315,996	697 446,929	16,881	16,413	65	60	79 466	1 800,104	17 882,671	9,934	9,466
16	11	98 992	38 967,650	656 130,933	16,838	16,370	66	61	77 847	1 663,624	16 082,567	9,667	9,199
17	12	98 958	36 749,448	617 163,284	16,794	16,326	67	62	76 119	1 534,626	14 418,943	9,396	8,928
18	13	98 916	34 654,755	580 413,836	16,748	16,280	68	63	74 287	1 412,905	12 884,318	9,119	8,651
19	14	98 860	32 674,497	545 759,081	16,703	16,235	69	64	72 373	1 298,597	11 471,413	8,834	8,366
20	15	98 801	30 806,594	513 084,584	16,655	16,187	70	65	70 337	1 190,620	10 172,816	8,544	8,076
21	16	98 735	29 043,538	482 277,989	16,605	16,137	71	66	68 199	1 089,080	8 982,196	8,248	7,780
22	17	98 667	27 380,544	453 234,451	16,553	16,085	72	67	65 930	993,252	7 893,116	7,947	7,479
23	18	98 599	25 812,833	425 853,907	16,498	16,030	73	68	63 557	903,303	6 899,865	7,638	7,171
24	19	98 525	24 333,439	400 041,074	16,440	15,972	74	69	61 061	818,708	5 996,561	7,324	6,856
25	20	98 449	22 938,491	375 707,635	16,379	15,911	75	70	58 366	738,282	5 177,854	7,013	6,545
26	21	98 373	21 623,395	352 769,144	16,314	15,846	76	71	55 529	662,637	4 439,572	6,700	6,232
27	22	98 295	20 383,310	331 145,749	16,246	15,778	77	72	52 533	591,398	3 776,935	6,386	5,918
28	23	98 211	19 213,055	310 762,439	16,175	15,707	78	73	49 352	524,142	3 185,536	6,078	5,610
29	24	98 130	18 110,491	291 549,384	16,098	15,630	79	74	45 985	460,740	2 661,394	5,776	5,308
30	25	98 045	17 070,683	273 438,892	16,018	15,550	80	75	42 474	401,467	2 200,654	5,482	5,014
31	26	97 961	16 090,572	256 368,210	15,933	15,465	81	76	38 858	346,506	1 799,188	5,192	4,724
32	27	97 868	15 165,360	240 277,638	15,844	15,376	82	77	35 145	295,654	1 452,682	4,913	4,445
33	28	97 770	14 292,586	225 112,277	15,750	15,282	83	78	31 426	249,402	1 157,028	4,639	4,171
34	29	97 670	13 469,872	210 819,692	15,651	15,183	84	79	27 744	207,721	907,626	4,369	3,901
35	30	97 565	12 693,704	197 349,819	15,547	15,079	85	80	24 112	170,305	699,906	4,110	3,642
36	31	97 455	11 961,747	184 656,115	15,437	14,969	86	81	20 595	137,230	529,601	3,859	3,391
37	32	97 340	11 271,322	172 694,368	15,322	14,854	87	82	17 243	108,392	392,371	3,620	3,152
38	33	97 213	10 619,467	161 423,046	15,201	14,733	88	83	14 089	83,551	283,978	3,399	2,931
39	34	97 071	10 003,694	150 803,579	15,075	14,607	89	84	11 247	62,922	200,428	3,185	2,717
40	35	96 918	9 422,609	140 799,885	14,943	14,475	90	85	8 688	45,856	137,506	2,999	2,531
41	36	96 755	8 874,319	131 377,276	14,804	14,336	91	86	6 567	32,697	91,650	2,803	2,335
42	37	96 577	8 356,560	122 502,957	14,659	14,192	92	87	4 759	22,357	58,953	2,637	2,169
43	38	96 378	7 867,289	114 146,397	14,509	14,041	93	88	3 326	14,738	36,596	2,483	2,015
44	39	96 152	7 404,612	106 279,107	14,353	13,885	94	89	2 234	9,340	21,857	2,340	1,872
45	40	95 898	6 966,974	98 874,496	14,192	13,724	95	90	1 432	5,647	12,517	2,217	1,749
46	41	95 618	6 553,427	91 907,522	14,024	13,556	96	91	880	3,273	6,871	2,099	1,631
47	42	95 305	6 162,243	85 354,095	13,851	13,383	97	92	512	1,796	3,597	2,003	1,535
48	43	94 945	5 791,495	79 191,853	13,674	13,206	98	93	285	0,944	1,801	1,909	1,441
49	44	94 544	5 440,575	73 400,357	13,491	13,023	99	94	151	0,470	0,857	1,823	1,355
							100	95	75	0,222	0,387	1,745	1,277

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß   6,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	44	94 205	5 114,223	68 277,420	13,350	12,883
1							51	45	93 723	4 800,039	63 163,197	13,159	12,691
2							52	46	93 161	4 501,195	58 363,157	12,966	12,498
3							53	47	92 564	4 219,199	53 861,963	12,766	12,298
4							54	48	91 902	3 951,933	49 642,764	12,562	12,094
5							55	49	91 172	3 698,598	45 690,831	12,354	11,886
6	0	99 524	70 160,500	1 201 987,501	17,132	16,664	56	50	90 368	3 458,504	41 992,233	12,142	11,674
7	1	99 200	65 973,506	1 131 827,001	17,156	16,688	57	51	89 512	3 231,821	38 533,729	11,923	11,455
8	2	99 165	62 217,601	1 065 853,495	17,131	16,663	58	52	88 575	3 016,959	35 301,908	11,701	11,233
9	3	99 142	58 682,219	1 003 635,894	17,103	16,635	59	53	87 555	2 813,413	32 284,949	11,475	11,007
10	4	99 124	55 350,051	944 953,675	17,072	16,604	60	54	86 458	2 620,930	29 471,536	11,245	10,777
11	5	99 103	52 206,140	889 603,623	17,040	16,572	61	55	85 287	2 439,073	26 850,606	11,009	10,541
12	6	99 084	49 241,872	837 397,483	17,006	16,538	62	56	84 036	2 267,259	24 411,533	10,767	10,299
13	7	99 065	46 445,381	788 155,611	16,970	16,502	63	57	82 715	2 105,309	22 144,274	10,518	10,050
14	8	99 045	43 807,778	741 710,230	16,931	16,463	64	58	81 343	1 953,192	20 038,965	10,260	9,792
15	9	99 023	41 318,846	697 902,452	16,891	16,423	65	59	79 843	1 808,644	18 085,773	10,000	9,532
16	10	98 999	38 970,416	656 583,606	16,848	16,380	66	60	78 269	1 672,638	16 277,129	9,731	9,263
17	11	98 966	36 752,387	617 613,191	16,805	16,337	67	61	76 559	1 543,496	14 604,491	9,462	8,994
18	12	98 924	34 657,545	580 860,804	16,760	16,292	68	62	74 758	1 421,874	13 060,995	9,186	8,718
19	13	98 869	32 677,424	546 203,259	16,715	16,247	69	63	72 864	1 307,406	11 639,121	8,902	8,434
20	14	98 812	30 809,934	513 525,835	16,668	16,200	70	64	70 858	1 199,435	10 331,715	8,614	8,146
21	15	98 748	29 047,192	482 715,901	16,618	16,150	71	65	68 736	1 097,652	9 132,280	8,320	7,852
22	16	98 682	27 384,758	453 668,709	16,566	16,099	72	66	66 499	1 001,822	8 034,628	8,020	7,552
23	17	98 614	25 816,976	426 283,951	16,512	16,044	73	67	64 143	911,629	7 032,807	7,715	7,247
24	18	98 547	24 338,998	400 466,975	16,454	15,986	74	68	61 660	826,736	6 121,178	7,404	6,936
25	19	98 469	22 943,229	376 127,977	16,394	15,926	75	69	58 993	746,208	5 294,442	7,095	6,627
26	20	98 395	21 628,197	353 184,747	16,330	15,862	76	70	56 181	670,417	4 548,235	6,784	6,316
27	21	98 316	20 387,577	331 556,551	16,263	15,795	77	71	53 218	599,113	3 877,817	6,473	6,005
28	22	98 233	19 217,366	311 168,974	16,192	15,724	78	72	50 077	531,842	3 278,704	6,165	5,697
29	23	98 152	18 114,632	291 951,608	16,117	15,649	79	73	46 745	468,356	2 746,862	5,865	5,397
30	24	98 065	17 074,134	273 836,976	16,038	15,570	80	74	43 279	409,079	2 278,506	5,570	5,102
31	25	97 983	16 094,112	256 762,842	15,954	15,486	81	75	39 711	354,104	1 869,428	5,279	4,811
32	26	97 891	15 168,950	240 668,730	15,866	15,398	82	76	36 027	303,077	1 515,324	5,000	4,532
33	27	97 796	14 296,427	225 499,779	15,773	15,305	83	77	32 322	256,514	1 212,247	4,726	4,258
34	28	97 695	13 473,279	211 203,353	15,676	15,208	84	78	28 663	214,602	955,733	4,454	3,986
35	29	97 593	12 697,347	197 730,073	15,573	15,105	85	79	25 020	176,721	741,131	4,194	3,726
36	30	97 483	11 965,134	185 032,726	15,464	14,996	86	80	21 492	143,211	564,410	3,941	3,473
37	31	97 370	11 274,727	173 067,592	15,350	14,882	87	81	18 104	113,809	421,198	3,701	3,233
38	32	97 248	10 623,233	161 792,865	15,230	14,762	88	82	14 911	88,427	307,390	3,476	3,008
39	33	97 106	10 007,353	151 169,633	15,106	14,638	89	83	11 999	67,132	218,963	3,262	2,794
40	34	96 959	9 426,613	141 162,279	14,975	14,507	90	84	9 365	49,431	151,831	3,072	2,604
41	35	96 794	8 877,850	131 735,666	14,839	14,371	91	85	7 159	35,647	102,400	2,873	2,405
42	36	96 623	8 360,533	122 857,816	14,695	14,227	92	86	5 254	24,683	66,753	2,704	2,237
43	37	96 429	7 871,490	114 497,283	14,546	14,078	93	87	3 730	16,528	42,071	2,545	2,077
44	38	96 206	7 408,736	106 625,793	14,392	13,924	94	88	2 545	10,641	25,543	2,400	1,932
45	39	95 961	6 971,586	99 217,056	14,232	13,764	95	89	1 668	6,577	14,901	2,266	1,798
46	40	95 685	6 558,058	92 245,471	14,066	13,598	96	90	1 041	3,873	8,324	2,149	1,681
47	41	95 381	6 167,186	85 687,412	13,894	13,426	97	91	622	2,184	4,451	2,038	1,570
48	42	95 030	5 796,655	79 520,227	13,718	13,250	98	92	352	1,164	2,267	1,947	1,479
49	43	94 641	5 446,152	73 723,572	13,537	13,069	99	93	190	0,593	1,103	1,858	1,390
							100	94	97	0,287	0,509	1,777	1,309

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß   6,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7	0	99 513	66 182,158	1 132 504,948	17,112	16,644
8	1	99 192	62 234,029	1 066 322,791	17,134	16,666
9	2	99 157	58 690,961	1 004 088,762	17,108	16,640
10	3	99 135	55 356,237	945 397,802	17,078	16,610
11	4	99 115	52 212,363	890 041,565	17,047	16,579
12	5	99 094	49 246,849	837 829,202	17,013	16,545
13	6	99 073	46 449,426	788 582,353	16,977	16,509
14	7	99 054	43 811,538	742 132,926	16,939	16,471
15	8	99 030	41 321,889	698 321,388	16,900	16,432
16	9	99 005	38 973,104	656 999,499	16,858	16,390
17	10	98 973	36 754,995	618 026,395	16,815	16,347
18	11	98 932	34 660,317	581 271,400	16,771	16,303
19	12	98 877	32 680,055	546 611,083	16,726	16,258
20	13	98 820	30 812,694	513 931,028	16,679	16,211
21	14	98 758	29 050,341	483 118,334	16,630	16,162
22	15	98 694	27 388,203	454 067,993	16,579	16,111
23	16	98 630	25 820,949	426 679,790	16,525	16,057
24	17	98 563	24 342,905	400 858,841	16,467	15,999
25	18	98 492	22 948,471	376 515,937	16,407	15,939
26	19	98 415	21 632,665	353 567,466	16,344	15,876
27	20	98 338	20 392,104	331 934,801	16,278	15,810
28	21	98 254	19 221,389	311 542,697	16,208	15,740
29	22	98 174	18 118,696	292 321,308	16,134	15,666
30	23	98 088	17 078,038	274 202,612	16,056	15,588
31	24	98 002	16 097,366	257 124,574	15,973	15,505
32	25	97 913	15 172,288	241 027,208	15,886	15,418
33	26	97 819	14 299,811	225 854,920	15,794	15,326
34	27	97 721	13 476,900	211 555,109	15,698	15,230
35	28	97 618	12 700,559	198 078,209	15,596	15,128
36	29	97 511	11 968,568	185 377,650	15,489	15,021
37	30	97 397	11 277,919	173 409,082	15,376	14,908
38	31	97 277	10 626,442	162 131,163	15,257	14,789
39	32	97 141	10 010,902	151 504,721	15,134	14,666
40	33	96 995	9 430,061	141 493,820	15,005	14,537
41	34	96 835	8 881,623	132 063,759	14,869	14,401
42	35	96 661	8 363,860	123 182,136	14,728	14,260
43	36	96 475	7 875,233	114 818,276	14,580	14,112
44	37	96 257	7 412,692	106 943,043	14,427	13,959
45	38	96 015	6 975,469	99 530,351	14,269	13,801
46	39	95 749	6 562,400	92 554,882	14,104	13,636
47	40	95 449	6 171,544	85 992,482	13,934	13,466
48	41	95 106	5 801,305	79 820,938	13,759	13,291
49	42	94 725	5 451,003	74 019,633	13,579	13,111
50	43	94 301	5 119,465	68 568,630	13,394	12,926
51	44	93 828	4 805,436	63 449,164	13,204	12,736
52	45	93 279	4 506,915	58 643,728	13,012	12,544
53	46	92 694	4 225,153	54 136,813	12,813	12,345
54	47	92 053	3 958,406	49 911,660	12,609	12,141
55	48	91 333	3 705,150	45 953,254	12,403	11,935
56	49	90 555	3 465,635	42 248,104	12,191	11,723
57	50	89 710	3 238,957	38 782,469	11,974	11,506
58	51	88 792	3 024,359	35 543,513	11,752	11,284
59	52	87 796	2 821,158	32 519,154	11,527	11,059
60	53	86 719	2 628,834	29 697,996	11,297	10,829
61	54	85 560	2 446,881	27 069,162	11,063	10,595
62	55	84 335	2 275,321	24 622,281	10,821	10,353
63	56	83 028	2 113,281	22 346,960	10,575	10,107
64	57	81 669	1 961,029	20 233,679	10,318	9,850
65	58	80 196	1 816,660	18 272,650	10,058	9,590
66	59	78 640	1 680,574	16 455,990	9,792	9,324
67	60	76 974	1 551,859	14 775,416	9,521	9,053
68	61	75 190	1 430,092	13 223,557	9,247	8,779
69	62	73 327	1 315,705	11 793,465	8,964	8,496
70	63	71 338	1 207,571	10 477,760	8,677	8,209
71	64	69 244	1 105,779	9 270,188	8,383	7,915
72	65	67 022	1 009,707	8 164,409	8,086	7,618
73	66	64 696	919,494	7 154,702	7,781	7,313
74	67	62 228	834,355	6 235,208	7,473	7,005
75	68	59 571	753,525	5 400,852	7,167	6,699
76	69	56 784	677,615	4 647,328	6,858	6,390
77	70	53 843	606,147	3 969,713	6,549	6,081
78	71	50 730	538,780	3 363,566	6,243	5,775
79	72	47 432	475,236	2 824,786	5,944	5,476
80	73	43 994	415,841	2 349,550	5,650	5,182
81	74	40 463	360,818	1 933,709	5,359	4,891
82	75	36 818	309,723	1 572,891	5,078	4,610
83	76	33 133	262,954	1 263,168	4,804	4,336
84	77	29 481	220,722	1 000,214	4,532	4,064
85	78	25 849	182,576	779,492	4,269	3,801
86	79	22 302	148,606	596,916	4,017	3,549
87	80	18 894	118,769	448,310	3,775	3,307
88	81	15 656	92,846	329,541	3,549	3,081
89	82	12 699	71,050	236,695	3,331	2,863
90	83	9 992	52,738	165,646	3,141	2,673
91	84	7 717	38,426	112,907	2,938	2,470
92	85	5 729	26,909	74,482	2,768	2,300
93	86	4 118	18,248	47,572	2,607	2,139
94	87	2 854	11,934	29,325	2,457	1,989
95	88	1 900	7,494	17,391	2,321	1,853
96	89	1 212	4,511	9,897	2,194	1,726
97	90	736	2,584	5,386	2,084	1,616
98	91	427	1,416	2,802	1,979	1,511
99	92	234	0,732	1,386	1,894	1,426
100	93	123	0,361	0,654	1,810	1,342

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß   6,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8	0	99 505	62 430,853	1 066 949,540	17,090	16,622
9	1	99 183	58 706,457	1 004 518,687	17,111	16,643
10	2	99 149	55 364,483	945 812,230	17,083	16,615
11	3	99 126	52 218,198	890 447,747	17,052	16,584
12	4	99 106	49 252,719	838 229,549	17,019	16,551
13	5	99 083	46 454,122	788 976,830	16,984	16,516
14	6	99 062	43 815,354	742 522,709	16,947	16,479
15	7	99 039	41 325,436	698 707,355	16,907	16,439
16	8	99 013	38 975,974	657 381,919	16,866	16,398
17	9	98 980	36 757,531	618 405,944	16,824	16,356
18	10	98 939	34 662,777	581 648,413	16,780	16,312
19	11	98 885	32 682,669	546 985,636	16,736	16,268
20	12	98 828	30 815,174	514 302,968	16,690	16,222
21	13	98 767	29 052,943	483 487,794	16,642	16,174
22	14	98 705	27 391,172	454 434,850	16,591	16,123
23	15	98 642	25 824,197	427 043,678	16,537	16,069
24	16	98 578	24 346,651	401 219,481	16,479	16,011
25	17	98 508	22 952,154	376 872,830	16,420	15,952
26	18	98 438	21 637,607	353 920,676	16,357	15,889
27	19	98 358	20 396,316	332 283,069	16,291	15,823
28	20	98 276	19 225,657	311 886,752	16,222	15,754
29	21	98 195	18 122,489	292 661,095	16,149	15,681
30	22	98 110	17 081,870	274 538,606	16,072	15,604
31	23	98 025	16 101,047	257 456,737	15,990	15,522
32	24	97 932	15 175,355	241 355,690	15,904	15,436
33	25	97 841	14 302,957	226 180,334	15,814	15,346
34	26	97 744	13 480,090	211 877,377	15,718	15,250
35	27	97 644	12 703,972	198 397,287	15,617	15,149
36	28	97 536	11 971,595	185 693,315	15,511	15,043
37	29	97 425	11 281,156	173 721,720	15,399	14,931
38	30	97 305	10 629,451	162 440,564	15,282	14,814
39	31	97 170	10 013,926	151 811,114	15,160	14,692
40	32	97 029	9 433,405	141 797,188	15,031	14,563
41	33	96 871	8 884,871	132 363,783	14,898	14,430
42	34	96 702	8 367,414	123 478,911	14,757	14,289
43	35	96 514	7 878,366	115 111,497	14,611	14,143
44	36	96 303	7 416,217	107 233,130	14,459	13,991
45	37	96 066	6 979,194	99 816,914	14,302	13,834
46	38	95 802	6 566,055	92 837,720	14,139	13,671
47	39	95 512	6 175,630	86 271,665	13,970	13,502
48	40	95 173	5 805,405	80 096,035	13,797	13,329
49	41	94 801	5 455,376	74 290,631	13,618	13,150

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
50	42	94 385	5 124,026	68 835,255	13,434	12,966
51	43	93 924	4 810,362	63 711,229	13,245	12,777
52	44	93 384	4 511,983	58 900,867	13,054	12,586
53	45	92 812	4 230,522	54 388,884	12,856	12,388
54	46	92 183	3 963,991	50 158,362	12,653	12,186
55	47	91 483	3 711,219	46 194,370	12,447	11,979
56	48	90 715	3 471,774	42 483,152	12,237	11,769
57	49	89 895	3 245,635	39 011,378	12,020	11,552
58	50	88 988	3 031,036	35 765,743	11,800	11,332
59	51	88 011	2 828,077	32 734,706	11,575	11,107
60	52	86 958	2 636,071	29 906,629	11,345	10,877
61	53	85 818	2 454,260	27 270,558	11,112	10,644
62	54	84 605	2 282,605	24 816,298	10,872	10,404
63	55	83 324	2 120,795	22 533,693	10,625	10,157
64	56	81 979	1 968,455	20 412,897	10,370	9,902
65	57	80 518	1 823,950	18 444,443	10,112	9,644
66	58	78 989	1 688,022	16 620,493	9,846	9,378
67	59	77 339	1 559,222	14 932,471	9,577	9,109
68	60	75 598	1 437,841	13 373,249	9,301	8,833
69	61	73 751	1 323,310	11 935,408	9,019	8,551
70	62	71 791	1 215,236	10 612,099	8,733	8,265
71	63	69 714	1 113,280	9 396,862	8,441	7,973
72	64	67 518	1 017,183	8 283,582	8,144	7,676
73	65	65 205	926,732	7 266,399	7,841	7,373
74	66	62 765	841,554	6 339,667	7,533	7,065
75	67	60 120	760,470	5 498,113	7,230	6,762
76	68	57 341	684,259	4 737,643	6,924	6,456
77	69	54 421	612,655	4 053,384	6,616	6,148
78	70	51 326	545,106	3 440,729	6,312	5,844
79	71	48 051	481,436	2 895,623	6,015	5,547
80	72	44 641	421,950	2 414,188	5,722	5,254
81	73	41 132	366,782	1 992,238	5,432	4,964
82	74	37 516	315,595	1 625,456	5,150	4,682
83	75	33 860	268,720	1 309,861	4,874	4,406
84	76	30 221	226,264	1 041,140	4,601	4,133
85	77	26 586	187,782	814,877	4,339	3,872
86	78	23 041	153,530	627,095	4,085	3,617
87	79	19 605	123,244	473,565	3,843	3,375
88	80	16 338	96,892	350,321	3,616	3,148
89	81	13 334	74,600	253,429	3,397	2,929
90	82	10 575	55,816	178,829	3,204	2,736
91	83	8 233	40,997	123,013	3,001	2,533
92	84	6 175	29,007	82,016	2,827	2,359
93	85	4 489	19,894	53,009	2,665	2,197
94	86	3 151	13,175	33,115	2,513	2,046
95	87	2 131	8,404	19,940	2,373	1,905
96	88	1 381	5,140	11,536	2,244	1,776
97	89	858	3,010	6,396	2,125	1,657
98	90	506	1,675	3,386	2,022	1,554
99	91	285	0,890	1,712	1,923	1,455
100	92	151	0,446	0,822	1,843	1,375

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß   6,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä_{xy}^{(12)}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä_{xy}^{(12)}$
0							50	41	94 461	5 128,136	69 079,224	13,471	13,003
1							51	42	94 008	4 814,647	63 951,087	13,283	12,815
2							52	43	93 480	4 516,607	59 136,440	13,093	12,625
3							53	44	92 917	4 235,279	54 619,832	12,896	12,428
4							54	45	92 300	3 969,029	50 384,553	12,694	12,226
5							55	46	91 612	3 716,455	46 415,524	12,489	12,021
6							56	47	90 864	3 477,460	42 699,069	12,279	11,811
7							57	48	90 054	3 251,385	39 221,608	12,063	11,595
8							58	49	89 171	3 037,286	35 970,224	11,843	11,375
9	0	99 497	58 892,126	1 005 098,136	17,067	16,599	59	50	88 205	2 834,321	32 932,938	11,619	11,151
10	1	99 176	55 379,101	946 206,010	17,086	16,618	60	51	87 171	2 642,537	30 098,616	11,390	10,922
11	2	99 140	52 225,976	890 826,909	17,057	16,589	61	52	86 054	2 461,016	27 456,079	11,156	10,688
12	3	99 117	49 258,223	838 600,933	17,025	16,557	62	53	84 860	2 289,489	24 995,063	10,917	10,449
13	4	99 095	46 459,659	789 342,710	16,990	16,522	63	54	83 590	2 127,585	22 705,574	10,672	10,204
14	5	99 072	43 819,783	742 883,052	16,953	16,485	64	55	82 270	1 975,454	20 577,989	10,417	9,949
15	6	99 047	41 329,035	699 063,268	16,915	16,447	65	56	80 823	1 830,856	18 602,536	10,161	9,693
16	7	99 021	38 979,320	657 734,233	16,874	16,406	66	57	79 306	1 694,795	16 771,680	9,896	9,428
17	8	98 987	36 760,238	618 754,913	16,832	16,364	67	58	77 682	1 566,132	15 076,884	9,627	9,159
18	9	98 946	34 665,168	581 994,675	16,789	16,321	68	59	75 957	1 444,663	13 510,752	9,352	8,884
19	10	98 892	32 684,988	547 329,507	16,746	16,278	69	60	74 150	1 330,480	12 066,089	9,069	8,601
20	11	98 836	30 817,639	514 644,519	16,700	16,232	70	61	72 206	1 222,260	10 735,609	8,783	8,315
21	12	98 775	29 055,282	483 826,880	16,652	16,184	71	62	70 157	1 120,347	9 513,349	8,491	8,023
22	13	98 714	27 393,625	454 771,598	16,601	16,133	72	63	67 976	1 024,083	8 393,002	8,196	7,728
23	14	98 653	25 826,997	427 377,972	16,548	16,080	73	64	65 688	933,593	7 368,919	7,893	7,425
24	15	98 590	24 349,714	401 550,975	16,491	16,023	74	65	63 259	848,178	6 435,326	7,587	7,119
25	16	98 523	22 955,686	377 201,261	16,432	15,964	75	66	60 639	767,031	5 587,147	7,284	6,816
26	17	98 454	21 641,080	354 245,575	16,369	15,901	76	67	57 870	690,566	4 820,116	6,980	6,512
27	18	98 381	20 400,976	332 604,495	16,303	15,835	77	68	54 955	618,662	4 129,550	6,675	6,207
28	19	98 296	19 229,629	312 203,519	16,236	15,768	78	69	51 877	550,958	3 510,888	6,372	5,904
29	20	98 216	18 126,513	292 973,890	16,163	15,695	79	70	48 615	487,088	2 959,930	6,077	5,609
30	21	98 130	17 085,445	274 847,377	16,087	15,619	80	71	45 223	427,454	2 472,842	5,785	5,317
31	22	98 047	16 104,659	257 761,932	16,005	15,537	81	72	41 737	372,170	2 045,388	5,496	5,028
32	23	97 955	15 178,825	241 657,272	15,921	15,453	82	73	38 136	320,812	1 673,218	5,216	4,748
33	24	97 860	14 305,849	226 478,447	15,831	15,363	83	74	34 502	273,815	1 352,406	4,939	4,471
34	25	97 766	13 483,056	212 172,598	15,736	15,268	84	75	30 884	231,225	1 078,590	4,665	4,197
35	26	97 667	12 706,979	198 689,542	15,636	15,168	85	76	27 253	192,497	847,365	4,402	3,934
36	27	97 562	11 974,812	185 982,563	15,531	15,063	86	77	23 698	157,908	654,868	4,147	3,679
37	28	97 450	11 284,009	174 007,751	15,421	14,953	87	78	20 255	127,327	496,961	3,903	3,435
38	29	97 333	10 632,501	162 723,742	15,304	14,836	88	79	16 954	100,543	369,634	3,676	3,208
39	30	97 198	10 016,761	152 091,240	15,184	14,716	89	80	13 915	77,851	269,091	3,456	2,989
40	31	97 059	9 436,255	142 074,479	15,056	14,588	90	81	11 104	58,605	191,240	3,263	2,795
41	32	96 905	8 888,022	132 638,224	14,923	14,455	91	82	8 714	43,389	132,635	3,057	2,589
42	33	96 738	8 370,475	123 750,202	14,784	14,316	92	83	6 588	30,948	89,245	2,884	2,416
43	34	96 555	7 881,714	115 379,727	14,639	14,171	93	84	4 839	21,445	58,298	2,719	2,251
44	35	96 341	7 419,168	107 498,013	14,489	14,021	94	85	3 436	14,364	36,853	2,566	2,098
45	36	96 112	6 982,512	100 078,845	14,333	13,865	95	86	2 352	9,278	22,489	2,424	1,956
46	37	95 853	6 569,561	93 096,334	14,171	13,703	96	87	1 549	5,764	13,211	2,292	1,824
47	38	95 565	6 179,070	86 526,772	14,003	13,535	97	88	977	3,429	7,447	2,171	1,704
48	39	95 236	5 809,248	80 347,703	13,831	13,363	98	89	589	1,951	4,018	2,059	1,591
49	40	94 868	5 459,231	74 538,455	13,654	13,186	99	90	337	1,053	2,067	1,962	1,495
							100	91	184	0,542	1,014	1,869	1,401

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß   6,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10	0	99 489	55 554,246	946 741,783	17,042	16,574
11	1	99 167	52 239,766	891 187,537	17,060	16,592
12	2	99 132	49 265,561	838 947,772	17,029	16,561
13	3	99 106	46 464,850	789 682,211	16,995	16,527
14	4	99 084	43 825,006	743 217,361	16,959	16,491
15	5	99 057	41 333,213	699 392,354	16,921	16,453
16	6	99 030	38 982,715	658 059,141	16,881	16,413
17	7	98 995	36 763,394	619 076,426	16,839	16,372
18	8	98 953	34 667,721	582 313,033	16,797	16,329
19	9	98 899	32 687,243	547 645,312	16,754	16,286
20	10	98 843	30 819,826	514 958,069	16,709	16,241
21	11	98 783	29 057,606	484 138,243	16,661	16,193
22	12	98 722	27 395,831	455 080,637	16,611	16,143
23	13	98 661	25 829,310	427 684,806	16,558	16,090
24	14	98 601	24 352,354	401 855,495	16,502	16,034
25	15	98 535	22 958,574	377 503,142	16,443	15,975
26	16	98 469	21 644,410	354 544,567	16,380	15,912
27	17	98 396	20 404,251	332 900,157	16,315	15,847
28	18	98 318	19 234,022	312 495,907	16,247	15,779
29	19	98 237	18 130,258	293 261,885	16,175	15,707
30	20	98 152	17 089,239	275 131,627	16,100	15,632
31	21	98 067	16 108,031	258 042,388	16,019	15,552
32	22	97 977	15 182,231	241 934,357	15,935	15,467
33	23	97 883	14 309,120	226 752,126	15,847	15,379
34	24	97 786	13 485,782	212 443,006	15,753	15,285
35	25	97 688	12 709,775	198 957,224	15,654	15,186
36	26	97 585	11 977,647	186 247,449	15,550	15,082
37	27	97 476	11 287,041	174 269,803	15,440	14,972
38	28	97 357	10 635,191	162 982,761	15,325	14,857
39	29	97 226	10 019,636	152 347,571	15,205	14,737
40	30	97 086	9 438,926	142 327,935	15,079	14,611
41	31	96 934	8 890,707	132 889,008	14,947	14,479
42	32	96 772	8 373,443	123 998,301	14,809	14,341
43	33	96 590	7 884,597	115 624,858	14,665	14,197
44	34	96 382	7 422,320	107 740,261	14,516	14,048
45	35	96 150	6 985,290	100 317,940	14,361	13,893
46	36	95 899	6 572,685	93 332,650	14,200	13,732
47	37	95 616	6 182,369	86 759,965	14,033	13,565
48	38	95 289	5 812,484	80 577,596	13,863	13,395
49	39	94 931	5 462,845	74 765,112	13,686	13,218
50	40	94 528	5 131,761	69 302,267	13,505	13,037
51	41	94 083	4 818,509	64 170,506	13,318	12,850
52	42	93 563	4 520,631	59 351,997	13,129	12,661
53	43	93 012	4 239,620	54 831,366	12,933	12,465
54	44	92 404	3 973,492	50 591,746	12,732	12,264
55	45	91 728	3 721,178	46 618,254	12,528	12,060
56	46	90 992	3 482,367	42 897,075	12,318	11,850
57	47	90 201	3 256,710	39 414,708	12,103	11,635
58	48	89 329	3 042,667	36 157,998	11,884	11,416
59	49	88 387	2 840,166	33 115,331	11,660	11,192
60	50	87 364	2 648,371	30 275,166	11,432	10,964
61	51	86 265	2 467,053	27 626,795	11,198	10,730
62	52	85 093	2 295,791	25 159,742	10,959	10,491
63	53	83 842	2 134,001	22 863,951	10,714	10,246
64	54	82 534	1 981,778	20 729,950	10,460	9,992
65	55	81 110	1 837,366	18 748,171	10,204	9,736
66	56	79 606	1 701,212	16 910,805	9,940	9,472
67	57	77 994	1 572,416	15 209,593	9,673	9,205
68	58	76 293	1 451,066	13 637,177	9,398	8,930
69	59	74 502	1 336,792	12 186,111	9,116	8,648
70	60	72 597	1 228,883	10 849,319	8,829	8,361
71	61	70 562	1 126,822	9 620,435	8,538	8,070
72	62	68 408	1 030,584	8 493,613	8,242	7,774
73	63	66 134	939,926	7 463,029	7,940	7,472
74	64	63 727	854,458	6 523,103	7,634	7,166
75	65	61 116	773,069	5 668,645	7,333	6,865
76	66	58 369	696,524	4 895,576	7,029	6,561
77	67	55 461	624,364	4 199,052	6,725	6,257
78	68	52 386	556,361	3 574,688	6,425	5,957
79	69	49 137	492,317	3 018,327	6,131	5,663
80	70	45 754	432,473	2 526,010	5,841	5,373
81	71	42 281	377,025	2 093,537	5,553	5,085
82	72	38 696	325,525	1 716,512	5,273	4,805
83	73	35 072	278,341	1 390,987	4,997	4,529
84	74	31 469	235,609	1 112,645	4,722	4,254
85	75	27 851	196,718	877,036	4,458	3,990
86	76	24 293	161,872	680,318	4,203	3,735
87	77	20 832	130,957	518,446	3,959	3,491
88	78	17 515	103,874	387,489	3,730	3,262
89	79	14 439	80,784	283,615	3,511	3,043
90	80	11 588	61,160	202,831	3,316	2,848
91	81	9 149	45,558	141,671	3,110	2,642
92	82	6 973	32,754	96,114	2,934	2,466
93	83	5 163	22,880	63,360	2,769	2,301
94	84	3 704	15,483	40,480	2,614	2,146
95	85	2 565	10,115	24,997	2,471	2,003
96	86	1 710	6,364	14,882	2,338	1,870
97	87	1 096	3,846	8,518	2,215	1,747
98	88	671	2,223	4,672	2,102	1,634
99	89	393	1,227	2,449	1,997	1,529
100	90	218	0,641	1,222	1,906	1,438

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß   6,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	39	94 590	5 135,158	69 506,223	13,535	13,067
1							51	40	94 150	4 821,915	64 371,065	13,350	12,882
2							52	41	93 638	4 524,257	59 549,151	13,162	12,694
3							53	42	93 095	4 243,397	55 024,893	12,967	12,499
4							54	43	92 498	3 977,565	50 781,496	12,767	12,299
5							55	44	91 831	3 725,363	46 803,931	12,564	12,096
6							56	45	91 108	3 486,793	43 078,569	12,355	11,887
7							57	46	90 329	3 261,305	39 591,776	12,140	11,672
8							58	47	89 476	3 047,650	36 330,470	11,921	11,453
9							59	48	88 544	2 845,197	33 282,820	11,698	11,230
10							60	49	87 544	2 653,832	30 437,623	11,469	11,001
11	0	99 480	52 404,982	891 682,995	17,015	16,547	61	50	86 456	2 472,500	27 783,791	11,237	10,769
12	1	99 158	49 278,568	839 278,013	17,031	16,563	62	51	85 302	2 301,422	25 311,292	10,998	10,530
13	2	99 121	46 471,772	789 999,444	17,000	16,532	63	52	84 073	2 139,876	23 009,869	10,753	10,285
14	3	99 095	43 829,903	743 527,672	16,964	16,496	64	53	82 782	1 987,754	20 869,994	10,499	10,031
15	4	99 069	41 338,140	699 697,769	16,926	16,458	65	54	81 370	1 843,248	18 882,239	10,244	9,776
16	5	99 040	38 986,655	658 359,629	16,887	16,419	66	55	79 889	1 707,262	17 038,991	9,980	9,512
17	6	99 004	36 766,596	619 372,973	16,846	16,378	67	56	78 289	1 578,370	15 331,729	9,714	9,246
18	7	98 962	34 670,697	582 606,378	16,804	16,336	68	57	76 599	1 456,888	13 753,359	9,440	8,972
19	8	98 906	32 689,651	547 935,681	16,762	16,294	69	58	74 832	1 342,717	12 296,471	9,158	8,690
20	9	98 850	30 821,952	515 246,031	16,717	16,249	70	59	72 942	1 234,714	10 953,754	8,871	8,404
21	10	98 790	29 059,668	484 424,078	16,670	16,202	71	60	70 945	1 132,928	9 719,040	8,579	8,111
22	11	98 730	27 398,022	455 364,410	16,620	16,152	72	61	68 803	1 036,540	8 586,112	8,283	7,815
23	12	98 669	25 831,390	427 966,388	16,568	16,100	73	62	66 553	945,893	7 549,572	7,981	7,513
24	13	98 610	24 354,535	402 134,998	16,512	16,044	74	63	64 160	860,254	6 603,679	7,676	7,208
25	14	98 546	22 961,063	377 780,463	16,453	15,985	75	64	61 569	778,792	5 743,425	7,375	6,907
26	15	98 481	21 647,133	354 819,400	16,391	15,923	76	65	58 828	702,006	4 964,632	7,072	6,604
27	16	98 411	20 407,391	333 172,267	16,326	15,858	77	66	55 940	629,751	4 262,626	6,769	6,301
28	17	98 334	19 237,109	312 764,876	16,258	15,790	78	67	52 869	561,488	3 632,875	6,470	6,002
29	18	98 259	18 134,400	293 527,767	16,186	15,718	79	68	49 619	497,145	3 071,386	6,178	5,710
30	19	98 172	17 092,769	275 393,367	16,112	15,644	80	69	46 245	437,116	2 574,242	5,889	5,421
31	20	98 089	16 111,607	258 300,598	16,032	15,564	81	70	42 777	381,452	2 137,126	5,603	5,135
32	21	97 997	15 185,409	242 188,991	15,949	15,481	82	71	39 201	329,772	1 755,674	5,324	4,856
33	22	97 905	14 312,331	227 003,582	15,861	15,393	83	72	35 588	282,430	1 425,902	5,049	4,581
34	23	97 808	13 488,865	212 691,251	15,768	15,300	84	73	31 989	239,504	1 143,472	4,774	4,306
35	24	97 708	12 712,345	199 202,386	15,670	15,202	85	74	28 379	200,448	903,968	4,510	4,042
36	25	97 606	11 980,282	186 490,041	15,566	15,098	86	75	24 825	165,422	703,520	4,253	3,785
37	26	97 499	11 289,713	174 509,759	15,457	14,989	87	76	21 355	134,245	538,098	4,008	3,540
38	27	97 383	10 638,048	163 220,046	15,343	14,875	88	77	18 015	106,836	403,853	3,780	3,312
39	28	97 250	10 022,170	152 581,997	15,224	14,756	89	78	14 918	83,461	297,018	3,559	3,091
40	29	97 114	9 441,635	142 559,827	15,099	14,631	90	79	12 024	63,464	213,557	3,365	2,897
41	30	96 962	8 893,224	133 118,191	14,968	14,501	91	80	9 548	47,543	150,093	3,157	2,689
42	31	96 801	8 375,973	124 224,967	14,831	14,363	92	81	7 321	34,391	102,550	2,982	2,514
43	32	96 624	7 887,393	115 848,994	14,688	14,220	93	82	5 464	24,215	68,159	2,815	2,347
44	33	96 418	7 425,035	107 961,601	14,540	14,072	94	83	3 951	16,519	43,944	2,660	2,192
45	34	96 191	6 988,259	100 536,566	14,386	13,919	95	84	2 765	10,904	27,425	2,515	2,047
46	35	95 937	6 575,300	93 548,307	14,227	13,759	96	85	1 865	6,938	16,521	2,381	1,913
47	36	95 661	6 185,309	86 973,007	14,061	13,593	97	86	1 210	4,246	9,583	2,257	1,789
48	37	95 340	5 815,587	80 787,699	13,892	13,424	98	87	753	2,493	5,337	2,141	1,673
49	38	94 983	5 465,888	74 972,111	13,716	13,248	99	88	447	1,398	2,845	2,036	1,568
							100	89	254	0,747	1,447	1,937	1,469

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß   6,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	38	94 643	5 138,018	69 692,455	13,564	13,096
1							51	39	94 212	4 825,107	64 554,437	13,379	12,911
2							52	40	93 704	4 527,455	59 729,330	13,193	12,725
3							53	41	93 169	4 246,801	55 201,875	12,998	12,530
4							54	42	92 581	3 981,108	50 955,075	12,799	12,331
5							55	43	91 926	3 729,181	46 973,966	12,596	12,128
6							56	44	91 210	3 490,714	43 244,785	12,389	11,921
7							57	45	90 443	3 265,450	39 754,072	12,174	11,706
8							58	46	89 602	3 051,951	36 488,622	11,956	11,488
9							59	47	88 689	2 849,857	33 436,671	11,733	11,265
10							60	48	87 699	2 658,533	30 586,814	11,505	11,037
11							61	49	86 634	2 477,598	27 928,281	11,272	10,804
12	0	99 472	49 434,420	839 736,266	16,987	16,519	62	50	85 490	2 306,504	25 450,683	11,034	10,566
13	1	99 147	46 484,042	790 301,847	17,002	16,534	63	51	84 280	2 145,124	23 144,180	10,789	10,321
14	2	99 110	43 836,432	743 817,805	16,968	16,500	64	52	83 010	1 993,227	20 999,055	10,535	10,067
15	3	99 080	41 342,759	699 981,372	16,931	16,463	65	53	81 616	1 848,807	19 005,829	10,280	9,812
16	4	99 052	38 991,302	658 638,613	16,892	16,424	66	54	80 145	1 712,727	17 157,022	10,017	9,549
17	5	99 014	36 770,312	619 647,310	16,852	16,384	67	55	78 568	1 583,983	15 444,295	9,750	9,282
18	6	98 971	34 673,717	582 876,998	16,810	16,342	68	56	76 889	1 462,405	13 860,312	9,478	9,010
19	7	98 914	32 692,456	548 203,282	16,768	16,301	69	57	75 133	1 348,105	12 397,907	9,197	8,729
20	8	98 857	30 824,222	515 510,825	16,724	16,256	70	58	73 265	1 240,186	11 049,803	8,910	8,442
21	9	98 797	29 061,673	484 686,603	16,678	16,210	71	59	71 281	1 138,303	9 809,617	8,618	8,150
22	10	98 737	27 399,966	455 624,930	16,629	16,161	72	60	69 176	1 042,157	8 671,314	8,321	7,853
23	11	98 677	25 833,456	428 224,964	16,576	16,108	73	61	66 938	951,360	7 629,157	8,019	7,551
24	12	98 618	24 356,496	402 391,508	16,521	16,053	74	62	64 567	865,715	6 677,797	7,714	7,246
25	13	98 555	22 963,120	378 035,012	16,463	15,995	75	63	61 987	784,075	5 812,082	7,413	6,945
26	14	98 492	21 649,480	355 071,892	16,401	15,933	76	64	59 264	707,204	5 028,006	7,110	6,642
27	15	98 424	20 409,958	333 422,412	16,336	15,868	77	65	56 380	634,708	4 320,802	6,808	6,340
28	16	98 349	19 240,069	313 012,454	16,269	15,801	78	66	53 325	566,333	3 686,094	6,509	6,041
29	17	98 275	18 137,310	293 772,385	16,197	15,729	79	67	50 076	501,727	3 119,761	6,218	5,750
30	18	98 195	17 096,674	275 635,074	16,122	15,654	80	68	46 699	441,402	2 618,035	5,931	5,463
31	19	98 109	16 114,936	258 538,400	16,043	15,575	81	69	43 237	385,547	2 176,633	5,646	5,178
32	20	98 019	15 188,781	242 423,464	15,961	15,493	82	70	39 661	333,643	1 791,086	5,368	4,900
33	21	97 925	14 315,327	227 234,683	15,874	15,406	83	71	36 052	286,115	1 457,442	5,094	4,626
34	22	97 830	13 491,892	212 919,357	15,781	15,313	84	72	32 459	243,022	1 171,327	4,820	4,352
35	23	97 731	12 715,251	199 427,465	15,684	15,216	85	73	28 848	203,761	928,305	4,556	4,088
36	24	97 626	11 982,704	186 712,214	15,582	15,114	86	74	25 296	168,559	724,544	4,298	3,831
37	25	97 520	11 292,197	174 729,509	15,473	15,006	87	75	21 824	137,189	555,986	4,053	3,585
38	26	97 406	10 640,567	163 437,312	15,360	14,892	88	76	18 467	109,518	418,797	3,824	3,356
39	27	97 276	10 024,864	152 796,745	15,242	14,774	89	77	15 343	85,840	309,279	3,603	3,135
40	28	97 139	9 444,024	142 771,882	15,118	14,650	90	78	12 423	65,566	223,438	3,408	2,940
41	29	96 989	8 895,777	133 327,858	14,988	14,520	91	79	9 908	49,334	157,872	3,200	2,732
42	30	96 829	8 378,344	124 432,082	14,852	14,384	92	80	7 640	35,890	108,537	3,024	2,556
43	31	96 653	7 889,776	116 053,737	14,709	14,241	93	81	5 737	25,425	72,648	2,857	2,389
44	32	96 452	7 427,668	108 163,961	14,562	14,094	94	82	4 182	17,484	47,223	2,701	2,233
45	33	96 226	6 990,815	100 736,293	14,410	13,942	95	83	2 950	11,633	29,739	2,556	2,088
46	34	95 978	6 578,094	93 745,478	14,251	13,783	96	84	2 010	7,479	18,106	2,421	1,953
47	35	95 700	6 187,770	87 167,384	14,087	13,619	97	85	1 319	4,629	10,628	2,296	1,828
48	36	95 385	5 818,352	80 979,614	13,918	13,450	98	86	831	2,752	5,998	2,180	1,712
49	37	95 034	5 468,807	75 161,262	13,744	13,276	99	87	502	1,567	3,247	2,071	1,604
							100	88	289	0,851	1,679	1,973	1,505

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß   6,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	37	94 694	5 140,762	69 862,612	13,590	13,122
1							51	38	94 264	4 827,795	64 721,850	13,406	12,938
2							52	39	93 766	4 530,452	59 894,055	13,220	12,752
3							53	40	93 235	4 249,802	55 363,604	13,027	12,559
4							54	41	92 655	3 984,302	51 113,801	12,829	12,361
5							55	42	92 007	3 732,503	47 129,500	12,627	12,159
6							56	43	91 304	3 494,292	43 396,996	12,419	11,951
7							57	44	90 545	3 269,122	39 902,705	12,206	11,738
8							58	45	89 716	3 055,829	36 633,583	11,988	11,520
9							59	46	88 814	2 853,878	33 577,754	11,766	11,298
10							60	47	87 843	2 662,887	30 723,876	11,538	11,070
11							61	48	86 788	2 481,987	28 060,988	11,306	10,838
12							62	49	85 667	2 311,259	25 579,001	11,067	10,599
13	0	99 461	46 631,055	790 725,768	16,957	16,489	63	50	84 466	2 149,860	23 267,742	10,823	10,355
14	1	99 136	43 848,007	744 094,713	16,970	16,502	64	51	83 214	1 998,116	21 117,881	10,569	10,101
15	2	99 095	41 348,918	700 246,706	16,935	16,467	65	52	81 840	1 853,896	19 119,766	10,313	9,845
16	3	99 063	38 995,660	658 897,788	16,897	16,429	66	53	80 386	1 717,892	17 265,870	10,051	9,583
17	4	99 026	36 774,695	619 902,129	16,857	16,389	67	54	78 819	1 589,054	15 547,977	9,784	9,316
18	5	98 981	34 677,222	583 127,434	16,816	16,348	68	55	77 163	1 467,605	13 958,924	9,511	9,043
19	6	98 923	32 695,304	548 450,212	16,775	16,307	69	56	75 417	1 353,209	12 491,319	9,231	8,763
20	7	98 866	30 826,868	515 754,908	16,731	16,263	70	57	73 559	1 245,162	11 138,110	8,945	8,477
21	8	98 804	29 063,814	484 928,040	16,685	16,217	71	58	71 597	1 143,348	9 892,948	8,653	8,185
22	9	98 744	27 401,857	455 864,227	16,636	16,168	72	59	69 504	1 047,101	8 749,600	8,356	7,888
23	10	98 684	25 835,289	428 462,370	16,584	16,116	73	60	67 301	956,515	7 702,498	8,053	7,585
24	11	98 626	24 358,444	402 627,081	16,529	16,061	74	61	64 940	870,719	6 745,983	7,748	7,280
25	12	98 563	22 964,969	378 268,637	16,472	16,004	75	62	62 380	789,052	5 875,264	7,446	6,978
26	13	98 501	21 651,419	355 303,668	16,410	15,942	76	63	59 666	712,001	5 086,212	7,144	6,676
27	14	98 435	20 412,170	333 652,249	16,346	15,878	77	64	56 798	639,407	4 374,211	6,841	6,373
28	15	98 362	19 242,490	313 240,079	16,279	15,811	78	65	53 745	570,791	3 734,803	6,543	6,075
29	16	98 290	18 140,102	293 997,589	16,207	15,739	79	66	50 508	506,056	3 164,013	6,252	5,784
30	17	98 210	17 099,418	275 857,487	16,133	15,665	80	67	47 129	445,470	2 657,957	5,967	5,499
31	18	98 132	16 118,617	258 758,069	16,053	15,585	81	68	43 661	389,328	2 212,487	5,683	5,215
32	19	98 039	15 191,918	242 639,451	15,972	15,504	82	69	40 087	337,225	1 823,159	5,406	4,938
33	20	97 947	14 318,505	227 447,533	15,885	15,417	83	70	36 475	289,474	1 485,934	5,133	4,665
34	21	97 851	13 494,716	213 129,028	15,794	15,326	84	71	32 883	246,193	1 196,460	4,860	4,392
35	22	97 752	12 718,104	199 634,311	15,697	15,229	85	72	29 272	206,754	950,267	4,596	4,128
36	23	97 648	11 985,444	186 916,207	15,595	15,127	86	73	25 714	171,345	743,513	4,339	3,871
37	24	97 540	11 294,480	174 930,763	15,488	15,020	87	74	22 238	139,790	572,168	4,093	3,625
38	25	97 428	10 642,908	163 636,283	15,375	14,907	88	75	18 872	111,920	432,378	3,863	3,395
39	26	97 299	10 027,237	152 993,375	15,258	14,790	89	76	15 728	87,996	320,458	3,642	3,174
40	27	97 165	9 446,561	142 966,138	15,134	14,666	90	77	12 777	67,436	232,463	3,447	2,979
41	28	97 014	8 898,027	133 519,577	15,006	14,538	91	78	10 236	50,969	165,027	3,238	2,770
42	29	96 857	8 380,749	124 621,550	14,870	14,402	92	79	7 928	37,242	114,058	3,063	2,595
43	30	96 681	7 892,010	116 240,801	14,729	14,261	93	80	5 987	26,533	76,816	2,895	2,427
44	31	96 481	7 429,912	108 348,792	14,583	14,115	94	81	4 391	18,357	50,283	2,739	2,271
45	32	96 260	6 993,294	100 918,879	14,431	13,963	95	82	3 122	12,312	31,926	2,593	2,125
46	33	96 013	6 580,500	93 925,586	14,273	13,805	96	83	2 144	7,979	19,614	2,458	1,990
47	34	95 740	6 190,399	87 345,085	14,110	13,642	97	84	1 422	4,990	11,635	2,332	1,864
48	35	95 423	5 820,668	81 154,686	13,943	13,475	98	85	906	3,000	6,645	2,215	1,747
49	36	95 079	5 471,407	75 334,019	13,769	13,301	99	86	554	1,730	3,645	2,106	1,638
							100	87	324	0,955	1,914	2,005	1,537

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß   6,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	36	94 739	5 143,206	70 018,004	13,614	13,146
1							51	37	94 315	4 830,372	64 874,798	13,431	12,963
2							52	38	93 818	4 532,976	60 044,426	13,246	12,778
3							53	39	93 297	4 252,615	55 511,451	13,053	12,586
4							54	40	92 720	3 987,117	51 258,835	12,856	12,388
5							55	41	92 081	3 735,497	47 271,718	12,655	12,187
6							56	42	91 385	3 497,405	43 536,220	12,448	11,980
7							57	43	90 638	3 272,473	40 038,816	12,235	11,767
8							58	44	89 817	3 059,265	36 766,343	12,018	11,550
9							59	45	88 927	2 857,505	33 707,078	11,796	11,328
10							60	46	87 966	2 666,645	30 849,573	11,569	11,101
11							61	47	86 930	2 486,052	28 182,928	11,336	10,868
12							62	48	85 819	2 315,354	25 696,876	11,098	10,630
13							63	49	84 640	2 154,293	23 381,522	10,853	10,385
14	0	99 450	43 986,683	744 486,953	16,925	16,457	64	50	83 398	2 002,527	21 227,229	10,600	10,132
15	1	99 121	41 359,835	700 500,270	16,937	16,469	65	51	82 041	1 858,444	19 224,702	10,345	9,877
16	2	99 077	39 001,468	659 140,435	16,900	16,432	66	52	80 608	1 722,621	17 366,258	10,081	9,613
17	3	99 037	36 778,804	620 138,967	16,861	16,393	67	53	79 057	1 593,846	15 643,637	9,815	9,347
18	4	98 992	34 681,355	583 360,162	16,821	16,353	68	54	77 410	1 472,303	14 049,791	9,543	9,075
19	5	98 933	32 698,609	548 678,807	16,780	16,312	69	55	75 685	1 358,021	12 577,488	9,262	8,794
20	6	98 875	30 829,553	515 980,199	16,737	16,269	70	56	73 838	1 249,877	11 219,467	8,976	8,508
21	7	98 813	29 066,308	485 150,646	16,691	16,223	71	57	71 884	1 147,936	9 969,590	8,685	8,217
22	8	98 751	27 403,875	456 084,337	16,643	16,175	72	58	69 812	1 051,742	8 821,654	8,388	7,920
23	9	98 691	25 837,072	428 680,463	16,592	16,124	73	59	67 620	961,053	7 769,912	8,085	7,617
24	10	98 633	24 360,173	402 843,391	16,537	16,069	74	60	65 292	875,437	6 808,859	7,778	7,310
25	11	98 571	22 966,805	378 483,218	16,480	16,012	75	61	62 741	793,613	5 933,422	7,476	7,009
26	12	98 509	21 653,162	355 516,413	16,419	15,951	76	62	60 045	716,521	5 139,809	7,173	6,705
27	13	98 443	20 413,999	333 863,251	16,355	15,887	77	63	57 183	643,745	4 423,288	6,871	6,403
28	14	98 372	19 244,576	313 449,252	16,288	15,820	78	64	54 142	575,017	3 779,544	6,573	6,105
29	15	98 302	18 142,384	294 204,676	16,216	15,748	79	65	50 906	510,039	3 204,527	6,283	5,815
30	16	98 225	17 102,050	276 062,292	16,142	15,674	80	66	47 536	449,314	2 694,488	5,997	5,529
31	17	98 148	16 121,204	258 960,242	16,063	15,595	81	67	44 063	392,916	2 245,174	5,714	5,246
32	18	98 062	15 195,389	242 839,038	15,981	15,513	82	68	40 480	340,532	1 852,258	5,439	4,971
33	19	97 967	14 321,463	227 643,649	15,895	15,427	83	69	36 867	292,582	1 511,726	5,167	4,699
34	20	97 872	13 497,713	213 322,185	15,804	15,336	84	70	33 269	249,083	1 219,144	4,895	4,427
35	21	97 773	12 720,767	199 824,473	15,709	15,241	85	71	29 654	209,451	970,061	4,631	4,163
36	22	97 670	11 988,133	187 103,706	15,607	15,139	86	72	26 092	173,862	760,610	4,375	3,907
37	23	97 562	11 297,063	175 115,573	15,501	15,033	87	73	22 605	142,101	586,748	4,129	3,661
38	24	97 448	10 645,060	163 818,510	15,389	14,921	88	74	19 230	114,042	444,647	3,899	3,431
39	25	97 321	10 029,443	153 173,451	15,272	14,804	89	75	16 073	89,925	330,605	3,676	3,208
40	26	97 188	9 448,798	143 144,008	15,149	14,681	90	76	13 098	69,129	240,680	3,482	3,014
41	27	97 040	8 900,418	133 695,210	15,021	14,553	91	77	10 528	52,422	171,551	3,272	2,805
42	28	96 881	8 382,869	124 794,792	14,887	14,419	92	78	8 191	38,476	119,129	3,096	2,628
43	29	96 708	7 894,275	116 411,924	14,746	14,278	93	79	6 213	27,533	80,653	2,929	2,461
44	30	96 508	7 432,016	108 517,649	14,601	14,133	94	80	4 582	19,157	53,121	2,773	2,305
45	31	96 289	6 995,407	101 085,633	14,450	13,982	95	81	3 278	12,927	33,963	2,627	2,159
46	32	96 047	6 582,834	94 090,227	14,293	13,825	96	82	2 270	8,445	21,036	2,491	2,023
47	33	95 775	6 192,664	87 507,393	14,131	13,663	97	83	1 517	5,324	12,591	2,365	1,897
48	34	95 464	5 823,141	81 314,729	13,964	13,496	98	84	977	3,234	7,268	2,247	1,779
49	35	95 117	5 473,584	75 491,588	13,792	13,324	99	85	604	1,886	4,033	2,138	1,670
							100	86	358	1,054	2,147	2,037	1,569

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß   6,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	35	94 776	5 145,252	70 159,715	13,636	13,168
1							51	36	94 360	4 832,669	65 014,463	13,453	12,985
2							52	37	93 869	4 535,396	60 181,794	13,269	12,801
3							53	38	93 349	4 254,984	55 646,398	13,078	12,610
4							54	39	92 782	3 989,757	51 391,413	12,881	12,413
5							55	40	92 146	3 738,137	47 401,657	12,681	12,213
6							56	41	91 458	3 500,210	43 663,519	12,475	12,007
7							57	42	90 719	3 275,388	40 163,309	12,262	11,794
8							58	43	89 909	3 062,401	36 887,922	12,045	11,577
9							59	44	89 027	2 860,718	33 825,521	11,824	11,356
10							60	45	88 078	2 670,034	30 964,802	11,597	11,129
11							61	46	87 052	2 489,560	28 294,769	11,365	10,897
12							62	47	85 959	2 319,146	25 805,209	11,127	10,659
13							63	48	84 790	2 158,110	23 486,062	10,883	10,415
14							64	49	83 570	2 006,656	21 327,953	10,629	10,161
15	0	99 435	41 490,642	700 863,269	16,892	16,424	65	50	82 222	1 862,547	19 321,297	10,374	9,906
16	1	99 104	39 011,766	659 372,626	16,902	16,434	66	51	80 805	1 726,847	17 458,750	10,110	9,642
17	2	99 052	36 784,283	620 360,860	16,865	16,397	67	52	79 274	1 598,233	15 731,903	9,843	9,375
18	3	99 003	34 685,230	583 576,577	16,825	16,357	68	53	77 643	1 476,743	14 133,670	9,571	9,103
19	4	98 945	32 702,506	548 891,347	16,784	16,316	69	54	75 928	1 362,369	12 656,927	9,290	8,822
20	5	98 885	30 832,669	516 188,840	16,742	16,274	70	55	74 100	1 254,321	11 294,558	9,005	8,537
21	6	98 821	29 068,840	485 356,171	16,697	16,229	71	56	72 156	1 152,282	10 040,237	8,713	8,245
22	7	98 759	27 406,227	456 287,331	16,649	16,181	72	57	70 092	1 055,962	8 887,955	8,417	7,949
23	8	98 698	25 838,975	428 881,104	16,598	16,130	73	58	67 920	965,312	7 831,992	8,113	7,645
24	9	98 640	24 361,853	403 042,130	16,544	16,076	74	59	65 602	879,590	6 866,680	7,807	7,339
25	10	98 578	22 968,435	378 680,277	16,487	16,019	75	60	63 081	797,913	5 987,090	7,503	7,035
26	11	98 516	21 654,894	355 711,841	16,426	15,958	76	61	60 392	720,662	5 189,177	7,201	6,733
27	12	98 451	20 415,643	334 056,947	16,363	15,895	77	62	57 546	647,831	4 468,514	6,898	6,430
28	13	98 381	19 246,300	313 641,305	16,296	15,828	78	63	54 510	578,917	3 820,683	6,600	6,132
29	14	98 313	18 144,350	294 395,005	16,225	15,757	79	64	51 283	513,815	3 241,766	6,309	5,841
30	15	98 238	17 104,201	276 250,654	16,151	15,683	80	65	47 910	452,850	2 727,950	6,024	5,556
31	16	98 163	16 123,685	259 146,453	16,072	15,604	81	66	44 443	396,306	2 275,100	5,741	5,273
32	17	98 077	15 197,828	243 022,768	15,991	15,523	82	67	40 853	343,671	1 878,794	5,467	4,999
33	18	97 990	14 324,735	227 824,940	15,904	15,436	83	68	37 228	295,451	1 535,123	5,196	4,728
34	19	97 892	13 500,501	213 500,204	15,814	15,346	84	69	33 626	251,757	1 239,673	4,924	4,456
35	20	97 795	12 723,591	199 999,703	15,719	15,251	85	70	30 002	211,911	987,916	4,662	4,194
36	21	97 691	11 990,643	187 276,112	15,619	15,151	86	71	26 432	176,130	776,005	4,406	3,938
37	22	97 584	11 299,598	175 285,470	15,513	15,045	87	72	22 937	144,189	599,875	4,160	3,692
38	23	97 470	10 647,494	163 985,872	15,401	14,933	88	73	19 548	115,927	455,687	3,931	3,463
39	24	97 340	10 031,471	153 338,379	15,286	14,818	89	74	16 378	91,630	339,760	3,708	3,240
40	25	97 209	9 450,877	143 306,908	15,163	14,695	90	75	13 385	70,645	248,130	3,512	3,044
41	26	97 063	8 902,525	133 856,031	15,036	14,568	91	76	10 792	53,738	177,485	3,303	2,835
42	27	96 907	8 385,121	124 953,507	14,902	14,434	92	77	8 424	39,573	123,746	3,127	2,659
43	28	96 733	7 896,271	116 568,385	14,762	14,294	93	78	6 419	28,445	84,173	2,959	2,491
44	29	96 536	7 434,149	108 672,114	14,618	14,150	94	79	4 755	19,879	55,729	2,803	2,335
45	30	96 316	6 997,387	101 237,965	14,468	14,000	95	80	3 420	13,491	35,850	2,657	2,189
46	31	96 076	6 584,823	94 240,578	14,312	13,844	96	81	2 383	8,867	22,359	2,522	2,054
47	32	95 809	6 194,859	87 655,756	14,150	13,682	97	82	1 605	5,634	13,492	2,395	1,927
48	33	95 499	5 825,271	81 460,896	13,984	13,516	98	83	1 042	3,450	7,858	2,277	1,809
49	34	95 158	5 475,910	75 635,625	13,812	13,344	99	84	651	2,033	4,407	2,167	1,699
							100	85	390	1,149	2,374	2,066	1,598

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß   6,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	34	94 817	5 147,439	70 289,248	13,655	13,187
1							51	35	94 397	4 834,592	65 141,809	13,474	13,006
2							52	36	93 913	4 537,552	60 307,217	13,291	12,823
3							53	37	93 399	4 257,256	55 769,665	13,100	12,632
4							54	38	92 834	3 991,979	51 512,408	12,904	12,436
5							55	39	92 207	3 740,612	47 520,429	12,704	12,236
6							56	40	91 523	3 502,684	43 779,817	12,499	12,031
7							57	41	90 792	3 278,015	40 277,134	12,287	11,819
8							58	42	89 989	3 065,129	36 999,118	12,071	11,603
9							59	43	89 118	2 863,650	33 933,989	11,850	11,382
10							60	44	88 177	2 673,036	31 070,339	11,624	11,156
11							61	45	87 163	2 492,724	28 397,303	11,392	10,924
12							62	46	86 080	2 322,419	25 904,579	11,154	10,686
13							63	47	84 929	2 161,644	23 582,160	10,909	10,441
14							64	48	83 718	2 010,211	21 420,516	10,656	10,188
15							65	49	82 392	1 866,387	19 410,305	10,400	9,932
16	0	99 417	39 135,147	659 708,628	16,857	16,389	66	50	80 984	1 730,659	17 543,918	10,137	9,669
17	1	99 078	36 793,995	620 573,481	16,866	16,398	67	51	79 469	1 602,154	15 813,258	9,870	9,402
18	2	99 018	34 690,397	583 779,486	16,828	16,360	68	52	77 857	1 480,808	14 211,105	9,597	9,129
19	3	98 956	32 706,161	549 089,089	16,789	16,321	69	53	76 157	1 366,477	12 730,297	9,316	8,848
20	4	98 896	30 836,344	516 382,928	16,746	16,278	70	54	74 337	1 258,337	11 363,820	9,031	8,563
21	5	98 831	29 071,778	485 546,584	16,702	16,234	71	55	72 413	1 156,380	10 105,483	8,739	8,271
22	6	98 768	27 408,614	456 474,805	16,654	16,186	72	56	70 358	1 059,961	8 949,103	8,443	7,975
23	7	98 707	25 841,192	429 066,191	16,604	16,136	73	57	68 192	969,186	7 889,142	8,140	7,672
24	8	98 647	24 363,647	403 224,999	16,550	16,082	74	58	65 892	883,489	6 919,957	7,833	7,365
25	9	98 584	22 970,020	378 861,352	16,494	16,026	75	59	63 380	801,699	6 036,468	7,530	7,062
26	10	98 523	21 656,431	355 891,332	16,434	15,966	76	60	60 719	724,567	5 234,769	7,225	6,757
27	11	98 459	20 417,275	334 234,901	16,370	15,902	77	61	57 878	651,575	4 510,202	6,922	6,454
28	12	98 389	19 247,849	313 817,625	16,304	15,836	78	62	54 856	582,592	3 858,627	6,623	6,155
29	13	98 322	18 145,976	294 569,776	16,233	15,765	79	63	51 631	517,301	3 276,034	6,333	5,865
30	14	98 248	17 106,056	276 423,800	16,159	15,691	80	64	48 264	456,203	2 758,734	6,047	5,579
31	15	98 175	16 125,714	259 317,745	16,081	15,613	81	65	44 793	399,426	2 302,531	5,765	5,297
32	16	98 093	15 200,167	243 192,031	15,999	15,531	82	66	41 205	346,636	1 903,105	5,490	5,022
33	17	98 005	14 327,034	227 991,864	15,913	15,445	83	67	37 571	298,174	1 556,469	5,220	4,752
34	18	97 915	13 503,585	213 664,830	15,823	15,355	84	68	33 956	254,226	1 258,295	4,950	4,482
35	19	97 815	12 726,220	200 161,244	15,728	15,260	85	69	30 324	214,186	1 004,070	4,688	4,220
36	20	97 712	11 993,305	187 435,025	15,628	15,160	86	70	26 743	178,198	789,884	4,433	3,965
37	21	97 605	11 301,963	175 441,720	15,523	15,055	87	71	23 236	146,069	611,686	4,188	3,720
38	22	97 492	10 649,883	164 139,757	15,412	14,944	88	72	19 835	117,630	465,617	3,958	3,490
39	23	97 363	10 033,764	153 489,874	15,297	14,829	89	73	16 649	93,145	347,987	3,736	3,268
40	24	97 229	9 452,787	143 456,110	15,176	14,708	90	74	13 639	71,984	254,842	3,540	3,072
41	25	97 084	8 904,484	134 003,322	15,049	14,581	91	75	11 029	54,917	182,858	3,330	2,862
42	26	96 930	8 387,106	125 098,839	14,916	14,448	92	76	8 636	40,566	127,941	3,154	2,686
43	27	96 759	7 898,393	116 711,733	14,777	14,309	93	77	6 602	29,256	87,374	2,987	2,519
44	28	96 560	7 436,029	108 813,339	14,633	14,165	94	78	4 912	20,538	58,119	2,830	2,362
45	29	96 344	6 999,395	101 377,310	14,484	14,016	95	79	3 549	13,999	37,581	2,685	2,217
46	30	96 103	6 586,687	94 377,915	14,329	13,861	96	80	2 487	9,253	23,582	2,548	2,081
47	31	95 838	6 196,731	87 791,228	14,167	13,699	97	81	1 685	5,916	14,329	2,422	1,954
48	32	95 533	5 827,337	81 594,497	14,002	13,534	98	82	1 103	3,652	8,413	2,304	1,836
49	33	95 192	5 477,913	75 767,161	13,831	13,363	99	83	694	2,170	4,761	2,194	1,726
							100	84	420	1,239	2,591	2,092	1,624

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß   6,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17	0	99 391	36 910,362	620 884,548	16,821	16,353
18	1	99 044	34 699,557	583 974,185	16,829	16,361
19	2	98 970	32 711,033	549 274,629	16,792	16,324
20	3	98 907	30 839,790	516 563,596	16,750	16,282
21	4	98 843	29 075,243	485 723,806	16,706	16,238
22	5	98 778	27 411,385	456 648,562	16,659	16,191
23	6	98 715	25 843,443	429 237,178	16,609	16,141
24	7	98 655	24 365,739	403 393,735	16,556	16,088
25	8	98 592	22 971,712	379 027,996	16,500	16,032
26	9	98 530	21 657,925	356 056,284	16,440	15,972
27	10	98 466	20 418,724	334 398,359	16,377	15,909
28	11	98 397	19 249,389	313 979,635	16,311	15,843
29	12	98 330	18 147,437	294 730,246	16,241	15,773
30	13	98 257	17 107,588	276 582,810	16,167	15,699
31	14	98 186	16 127,462	259 475,222	16,089	15,621
32	15	98 105	15 202,079	243 347,760	16,008	15,540
33	16	98 020	14 329,239	228 145,681	15,922	15,454
34	17	97 931	13 505,753	213 816,442	15,832	15,364
35	18	97 837	12 729,127	200 310,689	15,736	15,268
36	19	97 733	11 995,783	187 581,562	15,637	15,169
37	20	97 626	11 304,472	175 585,779	15,532	15,064
38	21	97 512	10 652,112	164 281,307	15,422	14,954
39	22	97 385	10 036,016	153 629,195	15,308	14,840
40	23	97 251	9 454,949	143 593,179	15,187	14,719
41	24	97 104	8 906,284	134 138,231	15,061	14,593
42	25	96 951	8 388,952	125 231,947	14,928	14,460
43	26	96 782	7 900,263	116 842,995	14,790	14,322
44	27	96 586	7 438,027	108 942,732	14,647	14,179
45	28	96 368	7 001,166	101 504,705	14,498	14,030
46	29	96 131	6 588,577	94 503,539	14,344	13,876
47	30	95 865	6 198,485	87 914,962	14,183	13,715
48	31	95 561	5 829,097	81 716,477	14,019	13,551
49	32	95 226	5 479,855	75 887,380	13,848	13,380
50	33	94 851	5 149,322	70 407,524	13,673	13,205
51	34	94 437	4 836,646	65 258,202	13,492	13,024
52	35	93 951	4 539,358	60 421,556	13,311	12,843
53	36	93 443	4 259,280	55 882,198	13,120	12,652
54	37	92 883	3 994,111	51 622,918	12,925	12,457
55	38	92 259	3 742,696	47 628,807	12,726	12,258
56	39	91 583	3 505,002	43 886,111	12,521	12,053
57	40	90 856	3 280,332	40 381,109	12,310	11,842
58	41	90 061	3 067,588	37 100,777	12,094	11,626
59	42	89 198	2 866,202	34 033,189	11,874	11,406
60	43	88 268	2 675,776	31 166,988	11,648	11,180
61	44	87 261	2 495,527	28 491,212	11,417	10,949
62	45	86 190	2 325,370	25 995,685	11,179	10,711
63	46	85 048	2 164,694	23 670,315	10,935	10,467
64	47	83 855	2 013,503	21 505,621	10,681	10,213
65	48	82 538	1 869,694	19 492,117	10,425	9,957
66	49	81 151	1 734,228	17 622,424	10,162	9,694
67	50	79 644	1 605,691	15 888,196	9,895	9,427
68	51	78 048	1 484,440	14 282,505	9,621	9,154
69	52	76 366	1 370,239	12 798,065	9,340	8,872
70	53	74 562	1 262,131	11 427,826	9,054	8,586
71	54	72 645	1 160,082	10 165,694	8,763	8,295
72	55	70 608	1 063,730	9 005,613	8,466	7,998
73	56	68 450	972,855	7 941,883	8,163	7,696
74	57	66 157	887,034	6 969,027	7,857	7,389
75	58	63 661	805,252	6 081,994	7,553	7,085
76	59	61 007	728,005	5 276,742	7,248	6,780
77	60	58 192	655,106	4 548,737	6,944	6,476
78	61	55 173	585,960	3 893,631	6,645	6,177
79	62	51 958	520,585	3 307,671	6,354	5,886
80	63	48 592	459,298	2 787,087	6,068	5,600
81	64	45 125	402,383	2 327,789	5,785	5,317
82	65	41 530	349,364	1 925,406	5,511	5,043
83	66	37 895	300,746	1 576,042	5,240	4,772
84	67	34 269	256,569	1 275,296	4,971	4,503
85	68	30 622	216,286	1 018,727	4,710	4,242
86	69	27 030	180,111	802,441	4,455	3,987
87	70	23 509	147,784	622,330	4,211	3,743
88	71	20 094	119,164	474,545	3,982	3,514
89	72	16 893	94,513	355,381	3,760	3,292
90	73	13 864	73,174	260,868	3,565	3,097
91	74	11 238	55,958	187,694	3,354	2,886
92	75	8 825	41,456	131,736	3,178	2,710
93	76	6 767	29,990	90,280	3,010	2,542
94	77	5 053	21,123	60,289	2,854	2,386
95	78	3 667	14,463	39,166	2,708	2,240
96	79	2 581	9,602	24,703	2,573	2,105
97	80	1 759	6,174	15,101	2,446	1,978
98	81	1 158	3,834	8,928	2,328	1,860
99	82	735	2,296	5,093	2,218	1,750
100	83	448	1,322	2,797	2,116	1,649

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß   6,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	32	94 885	5 151,148	70 515,612	13,689	13,221
1							51	33	94 472	4 838,416	65 364,465	13,509	13,042
2							52	34	93 990	4 541,287	60 526,049	13,328	12,860
3							53	35	93 480	4 260,975	55 984,762	13,139	12,671
4							54	36	92 927	3 996,010	51 723,787	12,944	12,476
5							55	37	92 308	3 744,694	47 727,777	12,745	12,277
6							56	38	91 634	3 506,955	43 983,083	12,542	12,074
7							57	39	90 916	3 282,503	40 476,129	12,331	11,863
8							58	40	90 125	3 069,756	37 193,625	12,116	11,648
9							59	41	89 269	2 868,501	34 123,869	11,896	11,428
10							60	42	88 346	2 678,160	31 255,369	11,670	11,202
11							61	43	87 350	2 498,085	28 577,209	11,440	10,972
12							62	44	86 287	2 327,985	26 079,124	11,202	10,734
13							63	45	85 156	2 167,445	23 751,140	10,958	10,490
14							64	46	83 973	2 016,345	21 583,694	10,704	10,236
15							65	47	82 673	1 872,756	19 567,350	10,448	9,980
16							66	48	81 295	1 737,300	17 694,594	10,185	9,717
17							67	49	79 809	1 609,002	15 957,294	9,918	9,450
18	0	99 358	34 809,299	584 262,213	16,785	16,317	68	50	78 220	1 487,718	14 348,292	9,644	9,177
19	1	98 997	32 719,670	549 452,913	16,793	16,325	69	51	76 553	1 373,600	12 860,574	9,363	8,895
20	2	98 922	30 844,384	516 733,244	16,753	16,285	70	52	74 767	1 265,606	11 486,975	9,076	8,608
21	3	98 854	29 078,492	485 888,860	16,710	16,242	71	53	72 864	1 163,580	10 221,369	8,784	8,316
22	4	98 790	27 414,652	456 810,367	16,663	16,195	72	54	70 834	1 067,135	9 057,788	8,488	8,020
23	5	98 725	25 846,055	429 395,715	16,614	16,146	73	55	68 694	976,315	7 990,653	8,185	7,717
24	6	98 664	24 367,861	403 549,660	16,561	16,093	74	56	66 407	890,392	7 014,339	7,878	7,410
25	7	98 600	22 973,683	379 181,799	16,505	16,037	75	57	63 916	808,483	6 123,946	7,575	7,107
26	8	98 537	21 659,520	356 208,116	16,446	15,978	76	58	61 277	731,231	5 315,463	7,269	6,801
27	9	98 473	20 420,133	334 548,595	16,383	15,915	77	59	58 468	658,214	4 584,232	6,965	6,497
28	10	98 404	19 250,755	314 128,462	16,318	15,850	78	60	55 472	589,135	3 926,018	6,664	6,196
29	11	98 338	18 148,888	294 877,708	16,248	15,780	79	61	52 259	523,593	3 336,883	6,373	5,905
30	12	98 265	17 108,965	276 728,819	16,174	15,707	80	62	48 900	462,213	2 813,290	6,087	5,619
31	13	98 194	16 128,907	259 619,854	16,097	15,629	81	63	45 431	405,112	2 351,076	5,804	5,336
32	14	98 116	15 203,727	243 490,948	16,015	15,547	82	64	41 837	351,951	1 945,964	5,529	5,061
33	15	98 033	14 331,042	228 287,221	15,930	15,462	83	65	38 194	303,114	1 594,013	5,259	4,791
34	16	97 946	13 507,831	213 956,179	15,839	15,371	84	66	34 564	258,783	1 290,899	4,988	4,520
35	17	97 853	12 731,170	200 448,348	15,745	15,277	85	67	30 904	218,279	1 032,117	4,728	4,260
36	18	97 755	11 998,523	187 717,178	15,645	15,177	86	68	27 295	181,877	813,837	4,475	4,007
37	19	97 647	11 306,808	175 718,654	15,541	15,073	87	69	23 762	149,371	631,960	4,231	3,763
38	20	97 534	10 654,477	164 411,847	15,431	14,963	88	70	20 330	120,563	482,589	4,003	3,535
39	21	97 405	10 038,116	153 757,369	15,317	14,849	89	71	17 114	95,746	362,026	3,781	3,313
40	22	97 273	9 457,070	143 719,253	15,197	14,729	90	72	14 068	74,249	266,280	3,586	3,118
41	23	97 126	8 908,320	134 262,183	15,072	14,604	91	73	11 424	56,883	192,030	3,376	2,908
42	24	96 971	8 390,648	125 353,863	14,940	14,472	92	74	8 993	42,242	135,148	3,199	2,731
43	25	96 803	7 902,001	116 963,215	14,802	14,334	93	75	6 916	30,648	92,906	3,031	2,563
44	26	96 609	7 439,788	109 061,214	14,659	14,191	94	76	5 179	21,654	62,258	2,875	2,407
45	27	96 394	7 003,047	101 621,426	14,511	14,043	95	77	3 772	14,875	40,604	2,730	2,262
46	28	96 155	6 590,244	94 618,379	14,357	13,889	96	78	2 666	9,920	25,729	2,594	2,126
47	29	95 893	6 200,264	88 028,135	14,197	13,730	97	79	1 825	6,406	15,809	2,468	2,000
48	30	95 589	5 830,747	81 827,871	14,034	13,566	98	80	1 208	4,001	9,402	2,350	1,882
49	31	95 255	5 481,511	75 997,123	13,864	13,396	99	81	772	2,411	5,401	2,240	1,772
							100	82	475	1,399	2,990	2,138	1,670

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß   6,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	31	94 914	5 152,704	70 614,263	13,704	13,236
1							51	32	94 505	4 840,131	65 461,559	13,525	13,057
2							52	33	94 025	4 542,948	60 621,428	13,344	12,876
3							53	34	93 520	4 262,786	56 078,480	13,155	12,687
4							54	35	92 964	3 997,600	51 815,694	12,962	12,494
5							55	36	92 352	3 746,474	47 818,094	12,763	12,296
6							56	37	91 683	3 508,827	44 071,620	12,560	12,092
7							57	38	90 966	3 284,332	40 562,792	12,350	11,882
8							58	39	90 184	3 071,788	37 278,461	12,136	11,668
9							59	40	89 332	2 870,528	34 206,673	11,917	11,449
10							60	41	88 417	2 680,308	31 336,145	11,691	11,223
11							61	42	87 428	2 500,310	28 655,837	11,461	10,993
12							62	43	86 375	2 330,371	26 155,527	11,224	10,756
13							63	44	85 252	2 169,883	23 825,156	10,980	10,512
14							64	45	84 080	2 018,907	21 655,273	10,726	10,258
15							65	46	82 789	1 875,398	19 636,366	10,471	10,003
16							66	47	81 428	1 740,145	17 760,968	10,207	9,739
17							67	48	79 950	1 611,852	16 020,822	9,939	9,471
18							68	49	78 382	1 490,785	14 408,970	9,665	9,197
19	0	99 310	32 823,151	549 719,642	16,748	16,280	69	50	76 722	1 376,632	12 918,185	9,384	8,916
20	1	98 948	30 852,528	516 896,491	16,754	16,286	70	51	74 950	1 268,710	11 541,552	9,097	8,629
21	2	98 869	29 082,824	486 043,963	16,712	16,244	71	52	73 065	1 166,783	10 272,842	8,804	8,336
22	3	98 801	27 417,715	456 961,139	16,667	16,199	72	53	71 048	1 070,353	9 106,059	8,508	8,040
23	4	98 737	25 849,136	429 543,424	16,617	16,149	73	54	68 914	979,440	8 035,706	8,204	7,736
24	5	98 674	24 370,324	403 694,287	16,565	16,097	74	55	66 643	893,558	7 056,265	7,897	7,429
25	6	98 609	22 975,684	379 323,963	16,510	16,042	75	56	64 158	811,544	6 162,707	7,594	7,126
26	7	98 546	21 661,379	356 348,279	16,451	15,983	76	57	61 523	734,165	5 351,162	7,289	6,821
27	8	98 480	20 421,637	334 686,900	16,389	15,921	77	58	58 727	661,131	4 616,997	6,983	6,516
28	9	98 411	19 252,083	314 265,263	16,324	15,856	78	59	55 735	591,930	3 955,866	6,683	6,215
29	10	98 345	18 150,176	295 013,180	16,254	15,786	79	60	52 542	526,431	3 363,936	6,390	5,922
30	11	98 273	17 110,334	276 863,004	16,181	15,713	80	61	49 183	464,885	2 837,505	6,104	5,636
31	12	98 202	16 130,205	259 752,670	16,103	15,636	81	62	45 719	407,684	2 372,621	5,820	5,352
32	13	98 124	15 205,089	243 622,465	16,022	15,554	82	63	42 121	354,338	1 964,937	5,545	5,077
33	14	98 043	14 332,595	228 417,376	15,937	15,469	83	64	38 477	305,358	1 610,598	5,274	4,806
34	15	97 958	13 509,531	214 084,781	15,847	15,379	84	65	34 836	260,820	1 305,240	5,004	4,536
35	16	97 868	12 733,129	200 575,250	15,752	15,284	85	66	31 170	220,163	1 044,421	4,744	4,276
36	17	97 771	12 000,449	187 842,121	15,653	15,185	86	67	27 547	183,553	824,258	4,491	4,023
37	18	97 669	11 309,391	175 841,672	15,548	15,080	87	68	23 995	150,836	640,705	4,248	3,780
38	19	97 554	10 656,678	164 532,281	15,439	14,971	88	69	20 548	121,858	489,869	4,020	3,552
39	20	97 427	10 040,345	153 875,603	15,326	14,858	89	70	17 315	96,870	368,012	3,799	3,331
40	21	97 293	9 459,050	143 835,257	15,206	14,738	90	71	14 251	75,218	271,141	3,605	3,137
41	22	97 148	8 910,319	134 376,208	15,081	14,613	91	72	11 592	57,719	195,923	3,394	2,926
42	23	96 993	8 392,566	125 465,889	14,950	14,482	92	73	9 141	42,940	138,205	3,219	2,751
43	24	96 823	7 903,599	117 073,323	14,813	14,345	93	74	7 047	31,229	95,264	3,051	2,583
44	25	96 630	7 441,425	109 169,724	14,671	14,203	94	75	5 293	22,128	64,035	2,894	2,426
45	26	96 417	7 004,705	101 728,299	14,523	14,055	95	76	3 866	15,249	41,907	2,748	2,280
46	27	96 181	6 592,015	94 723,594	14,369	13,901	96	77	2 742	10,203	26,658	2,613	2,145
47	28	95 917	6 201,833	88 131,579	14,211	13,743	97	78	1 886	6,619	16,455	2,486	2,018
48	29	95 616	5 832,421	81 929,747	14,047	13,579	98	79	1 254	4,152	9,837	2,369	1,901
49	30	95 282	5 483,063	76 097,326	13,879	13,411	99	80	805	2,516	5,685	2,259	1,791
							100	81	498	1,469	3,169	2,158	1,690

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß   6,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	30	94 940	5 154,163	70 704,316	13,718	13,250
1							51	31	94 534	4 841,593	65 550,153	13,539	13,071
2							52	32	94 058	4 544,559	60 708,560	13,359	12,891
3							53	33	93 554	4 264,345	56 164,001	13,171	12,703
4							54	34	93 004	3 999,299	51 899,656	12,977	12,509
5							55	35	92 389	3 747,965	47 900,357	12,780	12,312
6							56	36	91 727	3 510,496	44 152,392	12,577	12,109
7							57	37	91 015	3 286,086	40 641,897	12,368	11,900
8							58	38	90 235	3 073,499	37 355,811	12,154	11,686
9							59	39	89 391	2 872,428	34 282,312	11,935	11,467
10							60	40	88 480	2 682,202	31 409,884	11,710	11,243
11							61	41	87 498	2 502,316	28 727,682	11,480	11,012
12							62	42	86 452	2 332,447	26 225,366	11,244	10,776
13							63	43	85 340	2 172,107	23 892,919	11,000	10,532
14							64	44	84 174	2 021,177	21 720,812	10,747	10,279
15							65	45	82 895	1 877,782	19 699,635	10,491	10,023
16							66	46	81 543	1 742,601	17 821,853	10,227	9,759
17							67	47	80 081	1 614,492	16 079,252	9,959	9,491
18							68	48	78 520	1 493,426	14 464,760	9,686	9,218
19							69	49	76 881	1 379,471	12 971,334	9,403	8,935
20	0	99 261	30 950,104	517 143,536	16,709	16,241	70	50	75 116	1 271,511	11 591,863	9,117	8,649
21	1	98 895	29 090,503	486 193,432	16,713	16,245	71	51	73 244	1 169,645	10 320,352	8,823	8,356
22	2	98 815	27 421,800	457 102,929	16,669	16,201	72	52	71 243	1 073,300	9 150,706	8,526	8,058
23	3	98 748	25 852,025	429 681,129	16,621	16,153	73	53	69 122	982,394	8 077,407	8,222	7,754
24	4	98 686	24 373,229	403 829,104	16,569	16,101	74	54	66 857	896,419	7 095,013	7,915	7,447
25	5	98 619	22 978,007	379 455,876	16,514	16,046	75	55	64 386	814,430	6 198,594	7,611	7,143
26	6	98 554	21 663,266	356 477,869	16,455	15,987	76	56	61 756	736,945	5 384,164	7,306	6,838
27	7	98 489	20 423,390	334 814,603	16,394	15,926	77	57	58 963	663,784	4 647,218	7,001	6,533
28	8	98 418	19 253,501	314 391,213	16,329	15,861	78	58	55 982	594,553	3 983,434	6,700	6,232
29	9	98 351	18 151,428	295 137,712	16,260	15,792	79	59	52 791	528,928	3 388,881	6,407	5,939
30	10	98 280	17 111,548	276 986,284	16,187	15,719	80	60	49 449	467,404	2 859,953	6,119	5,651
31	11	98 210	16 131,495	259 874,736	16,110	15,642	81	61	45 983	410,040	2 392,549	5,835	5,367
32	12	98 132	15 206,313	243 743,241	16,029	15,561	82	62	42 388	356,588	1 982,509	5,560	5,092
33	13	98 052	14 333,879	228 536,927	15,944	15,476	83	63	38 738	307,429	1 625,921	5,289	4,821
34	14	97 969	13 510,995	214 203,048	15,854	15,386	84	64	35 094	262,751	1 318,492	5,018	4,550
35	15	97 880	12 734,731	200 692,053	15,759	15,291	85	65	31 416	221,896	1 055,741	4,758	4,290
36	16	97 786	12 002,296	187 957,322	15,660	15,192	86	66	27 784	185,137	833,846	4,504	4,036
37	17	97 685	11 311,206	175 955,026	15,556	15,088	87	67	24 216	152,226	648,709	4,261	3,794
38	18	97 576	10 659,113	164 643,820	15,446	14,978	88	68	20 749	123,053	496,483	4,035	3,567
39	19	97 447	10 042,419	153 984,707	15,333	14,865	89	69	17 501	97,910	373,430	3,814	3,346
40	20	97 315	9 461,150	143 942,288	15,214	14,746	90	70	14 418	76,101	275,520	3,620	3,152
41	21	97 168	8 912,184	134 481,138	15,090	14,622	91	71	11 743	58,472	199,419	3,411	2,943
42	22	97 015	8 394,449	125 568,954	14,959	14,491	92	72	9 275	43,571	140,947	3,235	2,767
43	23	96 845	7 905,406	117 174,504	14,822	14,354	93	73	7 163	31,745	97,376	3,067	2,599
44	24	96 650	7 442,929	109 269,098	14,681	14,213	94	74	5 393	22,548	65,631	2,911	2,443
45	25	96 438	7 006,246	101 826,169	14,534	14,066	95	75	3 951	15,583	43,083	2,765	2,297
46	26	96 203	6 593,575	94 819,923	14,381	13,913	96	76	2 811	10,459	27,500	2,629	2,161
47	27	95 943	6 203,499	88 226,348	14,222	13,754	97	77	1 939	6,807	17,041	2,503	2,035
48	28	95 640	5 833,896	82 022,849	14,060	13,592	98	78	1 295	4,290	10,233	2,386	1,918
49	29	95 309	5 484,637	76 188,953	13,891	13,423	99	79	836	2,611	5,944	2,277	1,809
							100	80	520	1,533	3,333	2,175	1,707

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß   6,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	29	94 968	5 155,642	70 786,646	13,730	13,262
1							51	30	94 561	4 842,964	65 631,004	13,552	13,084
2							52	31	94 087	4 545,932	60 788,040	13,372	12,904
3							53	32	93 587	4 265,857	56 242,108	13,184	12,716
4							54	33	93 038	4 000,761	51 976,251	12,992	12,524
5							55	34	92 428	3 749,558	47 975,489	12,795	12,327
6							56	35	91 763	3 511,892	44 225,931	12,593	12,125
7							57	36	91 058	3 287,648	40 714,039	12,384	11,916
8							58	37	90 283	3 075,140	37 426,391	12,171	11,703
9							59	38	89 441	2 874,028	34 351,251	11,952	11,484
10							60	39	88 538	2 683,978	31 477,223	11,728	11,260
11							61	40	87 560	2 504,084	28 793,245	11,499	11,031
12							62	41	86 521	2 334,318	26 289,161	11,262	10,794
13							63	42	85 416	2 174,042	23 954,843	11,019	10,551
14							64	43	84 261	2 023,249	21 780,801	10,765	10,297
15							65	44	82 988	1 879,893	19 757,552	10,510	10,042
16							66	45	81 646	1 744,815	17 877,659	10,246	9,778
17							67	46	80 194	1 616,770	16 132,843	9,978	9,510
18							68	47	78 664	1 495,872	14 516,073	9,704	9,236
19							69	48	77 017	1 381,915	13 020,201	9,422	8,954
20							70	49	75 271	1 274,133	11 638,286	9,134	8,666
21	0	99 208	29 182,506	486 422,276	16,668	16,200	71	50	73 405	1 172,228	10 364,153	8,841	8,373
22	1	98 842	27 429,040	457 239,769	16,670	16,202	72	51	71 418	1 075,932	9 191,925	8,543	8,075
23	2	98 763	25 855,876	429 810,729	16,623	16,155	73	52	69 312	985,098	8 115,993	8,239	7,771
24	3	98 697	24 375,952	403 954,854	16,572	16,104	74	53	67 058	899,122	7 130,895	7,931	7,463
25	4	98 630	22 980,746	379 578,901	16,517	16,049	75	54	64 592	817,037	6 231,772	7,627	7,159
26	5	98 564	21 665,456	356 598,155	16,459	15,991	76	55	61 976	739,566	5 414,735	7,322	6,854
27	6	98 497	20 425,169	334 932,700	16,398	15,930	77	56	59 186	666,298	4 675,169	7,017	6,549
28	7	98 426	19 255,153	314 507,531	16,334	15,866	78	57	56 207	596,939	4 008,872	6,716	6,248
29	8	98 359	18 152,765	295 252,378	16,265	15,797	79	58	53 025	531,272	3 411,933	6,422	5,954
30	9	98 287	17 112,728	277 099,612	16,193	15,725	80	59	49 684	469,621	2 880,660	6,134	5,666
31	10	98 217	16 132,640	259 986,884	16,116	15,648	81	60	46 233	412,262	2 411,039	5,848	5,380
32	11	98 140	15 207,529	243 854,244	16,035	15,567	82	61	42 633	358,649	1 998,777	5,573	5,105
33	12	98 060	14 335,033	228 646,715	15,950	15,482	83	62	38 983	309,381	1 640,128	5,301	4,833
34	13	97 977	13 512,205	214 311,681	15,861	15,393	84	63	35 332	264,533	1 330,748	5,031	4,563
35	14	97 891	12 736,112	200 799,476	15,766	15,298	85	64	31 648	223,538	1 066,215	4,770	4,302
36	15	97 798	12 003,806	188 063,364	15,667	15,199	86	65	28 003	186,594	842,676	4,516	4,048
37	16	97 700	11 312,947	176 059,559	15,563	15,095	87	66	24 425	153,539	656,082	4,273	3,805
38	17	97 592	10 660,824	164 746,612	15,453	14,985	88	67	20 941	124,187	502,542	4,047	3,579
39	18	97 469	10 044,714	154 085,788	15,340	14,872	89	68	17 672	98,870	378,356	3,827	3,359
40	19	97 335	9 463,105	144 041,074	15,221	14,753	90	69	14 573	76,918	279,485	3,634	3,166
41	20	97 190	8 914,163	134 577,970	15,097	14,629	91	70	11 881	59,158	202,567	3,424	2,956
42	21	97 035	8 396,206	125 663,807	14,967	14,499	92	71	9 396	44,139	143,409	3,249	2,781
43	22	96 867	7 907,180	117 267,600	14,831	14,363	93	72	7 269	32,212	99,270	3,082	2,614
44	23	96 672	7 444,631	109 360,421	14,690	14,222	94	73	5 483	22,921	67,058	2,926	2,458
45	24	96 458	7 007,663	101 915,789	14,543	14,076	95	74	4 026	15,878	44,137	2,780	2,312
46	25	96 225	6 595,026	94 908,127	14,391	13,923	96	75	2 873	10,688	28,259	2,644	2,176
47	26	95 966	6 204,968	88 313,101	14,233	13,765	97	76	1 988	6,978	17,571	2,518	2,050
48	27	95 666	5 835,464	82 108,133	14,071	13,603	98	77	1 332	4,412	10,592	2,401	1,933
49	28	95 333	5 486,024	76 272,670	13,903	13,435	99	78	863	2,697	6,180	2,291	1,823
							100	79	540	1,590	3,483	2,190	1,722

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß   6,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	28	94 992	5 156 946	70 861 848	13,741	13,273
1							51	29	94 588	4 844 354	65 704 902	13,563	13,095
2							52	30	94 113	4 547 219	60 860 548	13,384	12,916
3							53	31	93 616	4 267 146	56 313 329	13,197	12,729
4							54	32	93 071	4 002 180	52 046 183	13,004	12,536
5							55	33	92 462	3 750 929	48 044 003	12,809	12,341
6							56	34	91 802	3 513 385	44 293 073	12,607	12,139
7							57	35	91 095	3 288 956	40 779 688	12,399	11,931
8							58	36	90 326	3 076 602	37 490 732	12,186	11,718
9							59	37	89 489	2 875 563	34 414 130	11,968	11,500
10							60	38	88 588	2 685 473	31 538 567	11,744	11,276
11							61	39	87 618	2 505 742	28 853 094	11,515	11,047
12							62	40	86 583	2 335 968	26 347 353	11,279	10,811
13							63	41	85 484	2 175 786	24 011 385	11,036	10,568
14							64	42	84 336	2 025 051	21 835 599	10,783	10,315
15							65	43	83 073	1 881 820	19 810 548	10,527	10,059
16							66	44	81 738	1 746 777	17 928 728	10,264	9,796
17							67	45	80 296	1 618 825	16 181 951	9,996	9,528
18							68	46	78 760	1 497 983	14 563 126	9,722	9,254
19							69	47	77 143	1 384 178	13 065 143	9,439	8,971
20							70	48	75 404	1 276 390	11 680 965	9,152	8,684
21							71	49	73 557	1 174 645	10 404 574	8,858	8,390
22	0	99 154	27 515 789	457 451,783	16,625	16,157	72	50	71 576	1 078 308	9 229 930	8,560	8,092
23	1	98 789	25 862 703	429 935,995	16,624	16,156	73	51	69 482	987 515	8 151 622	8,255	7,787
24	2	98 711	24 379 584	404 073,292	16,574	16,106	74	52	67 243	901 598	7 164 107	7,946	7,478
25	3	98 641	22 983 314	379 693,708	16,520	16,052	75	53	64 787	819 501	6 262 510	7,642	7,174
26	4	98 576	21 668 038	356 710,395	16,463	15,995	76	54	62 174	741 933	5 443 008	7,336	6,868
27	5	98 507	20 427 233	335 042,357	16,402	15,934	77	55	59 397	668 667	4 701 075	7,031	6,563
28	6	98 435	19 256 831	314 615,123	16,338	15,870	78	56	56 419	599 199	4 032 408	6,730	6,262
29	7	98 367	18 154 323	295 358,293	16,269	15,801	79	57	53 238	533 404	3 433 209	6,436	5,968
30	8	98 294	17 113 989	277 203,969	16,198	15,730	80	58	49 904	471 703	2 899 805	6,148	5,680
31	9	98 224	16 133 753	260 089,981	16,121	15,653	81	59	46 452	414 218	2 428 102	5,862	5,394
32	10	98 147	15 208 609	243 956,228	16,041	15,573	82	60	42 864	360 592	2 013 884	5,585	5,117
33	11	98 068	14 336 180	228 747,619	15,956	15,488	83	61	39 209	311 169	1 653 292	5,313	4,845
34	12	97 985	13 513 293	214 411,439	15,867	15,399	84	62	35 557	266 212	1 342 123	5,042	4,574
35	13	97 900	12 737 253	200 898,146	15,772	15,305	85	63	31 863	225 055	1 075 911	4,781	4,313
36	14	97 809	12 005 107	188 160,894	15,673	15,205	86	64	28 210	187 976	850 856	4,526	4,058
37	15	97 712	11 314 370	176 155,787	15,569	15,101	87	65	24 617	154 748	662 880	4,284	3,816
38	16	97 607	10 662 464	164 841,416	15,460	14,992	88	66	21 121	125 258	508 132	4,057	3,589
39	17	97 485	10 046 326	154 178,952	15,347	14,879	89	67	17 835	99 782	382 874	3,837	3,369
40	18	97 357	9 465 267	144 132,626	15,228	14,760	90	68	14 716	77 672	283 093	3,645	3,177
41	19	97 210	8 916 005	134 667,360	15,104	14,636	91	69	12 008	59 793	205 420	3,436	2,968
42	20	97 057	8 398 071	125 751,355	14,974	14,506	92	70	9 507	44 658	145 627	3,261	2,793
43	21	96 887	7 908 835	117 353,284	14,838	14,370	93	71	7 364	32 632	100 970	3,094	2,626
44	22	96 694	7 446 302	109 444,449	14,698	14,230	94	72	5 563	23 257	68 338	2,938	2,470
45	23	96 480	7 009 265	101 998,148	14,552	14,084	95	73	4 092	16 141	45 080	2,793	2,325
46	24	96 244	6 596 359	94 988,883	14,400	13,932	96	74	2 927	10 891	28 939	2,657	2,189
47	25	95 987	6 206 333	88 392,524	14,242	13,774	97	75	2 032	7 131	18 048	2,531	2,063
48	26	95 688	5 836 845	82 186,191	14,081	13,613	98	76	1 366	4 523	10 917	2,414	1,946
49	27	95 359	5 487 498	76 349,346	13,913	13,445	99	77	888	2 774	6 394	2,305	1,837
							100	78	557	1 643	3 620	2,203	1,735

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß   6,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	27	95 017	5 158,332	70 930,712	13,751	13,283
1							51	28	94 612	4 845,579	65 772,380	13,574	13,106
2							52	29	94 140	4 548,524	60 926,801	13,395	12,927
3							53	30	93 642	4 268,354	56 378,277	13,208	12,740
4							54	31	93 099	4 003,389	52 109,923	13,016	12,548
5							55	32	92 494	3 752,259	48 106,533	12,821	12,353
6							56	33	91 836	3 514,670	44 354,274	12,620	12,152
7							57	34	91 133	3 290,354	40 839,604	12,412	11,944
8							58	35	90 362	3 077,826	37 549,250	12,200	11,732
9							59	36	89 531	2 876,930	34 471,424	11,982	11,514
10							60	37	88 635	2 686,907	31 594,494	11,759	11,291
11							61	38	87 667	2 507,138	28 907,587	11,530	11,062
12							62	39	86 640	2 337,514	26 400,450	11,294	10,826
13							63	40	85 545	2 177,323	24 062,936	11,052	10,584
14							64	41	84 403	2 026,676	21 885,612	10,799	10,331
15							65	42	83 147	1 883,497	19 858,936	10,544	10,076
16							66	43	81 822	1 748,568	17 975,440	10,280	9,812
17							67	44	80 386	1 620,645	16 226,872	10,013	9,545
18							68	45	78 860	1 499,887	14 606,227	9,738	9,270
19							69	46	77 252	1 386,131	13 106,340	9,455	8,987
20							70	47	75 527	1 278,481	11 720,209	9,167	8,699
21							71	48	73 687	1 176,726	10 441,728	8,874	8,406
22							72	49	71 723	1 080,531	9 265,002	8,574	8,107
23	0	99 101	25 944,497	430 132,442	16,579	16,111	73	50	69 635	989,695	8 184,471	8,270	7,802
24	1	98 737	24 386,021	404 187,945	16,575	16,107	74	51	67 408	903,809	7 194,776	7,961	7,493
25	2	98 656	22 986,737	379 801,924	16,523	16,055	75	52	64 966	821,757	6 290,967	7,656	7,188
26	3	98 587	21 670,459	356 815,187	16,466	15,998	76	53	62 362	744,171	5 469,210	7,349	6,881
27	4	98 519	20 429,668	335 144,728	16,405	15,937	77	54	59 587	670,807	4 725,039	7,044	6,576
28	5	98 445	19 258,777	314 715,059	16,341	15,873	78	55	56 620	601,330	4 054,232	6,742	6,274
29	6	98 376	18 155,905	295 456,282	16,273	15,805	79	56	53 439	535,424	3 452,902	6,449	5,981
30	7	98 302	17 115,458	277 300,378	16,202	15,734	80	57	50 104	473,595	2 917,478	6,160	5,692
31	8	98 231	16 134,941	260 184,920	16,126	15,658	81	58	46 658	416,054	2 443,883	5,874	5,406
32	9	98 154	15 209,658	244 049,979	16,046	15,578	82	59	43 068	362,303	2 027,829	5,597	5,129
33	10	98 075	14 337,197	228 840,321	15,961	15,493	83	60	39 421	312,855	1 665,526	5,324	4,856
34	11	97 993	13 514,374	214 503,124	15,872	15,404	84	61	35 762	267,751	1 352,671	5,052	4,584
35	12	97 908	12 738,278	200 988,750	15,778	15,310	85	62	32 065	226,483	1 084,920	4,790	4,322
36	13	97 817	12 006,182	188 250,472	15,679	15,211	86	63	28 402	189,251	858,437	4,536	4,068
37	14	97 722	11 315,597	176 244,289	15,575	15,107	87	64	24 799	155,894	669,186	4,293	3,825
38	15	97 619	10 663,806	164 928,693	15,466	14,998	88	65	21 288	126,244	513,292	4,066	3,598
39	16	97 500	10 047,872	154 264,887	15,353	14,885	89	66	17 989	100,643	387,048	3,846	3,378
40	17	97 373	9 466,786	144 217,015	15,234	14,766	90	67	14 852	78,388	286,406	3,654	3,186
41	18	97 232	8 918,041	134 750,229	15,110	14,642	91	68	12 126	60,379	208,017	3,445	2,977
42	19	97 077	8 399,806	125 832,188	14,980	14,512	92	69	9 609	45,137	147,638	3,271	2,803
43	20	96 908	7 910,591	117 432,382	14,845	14,377	93	70	7 450	33,015	102,501	3,105	2,637
44	21	96 714	7 447,860	109 521,791	14,705	14,237	94	71	5 636	23,561	69,486	2,949	2,481
45	22	96 501	7 010,837	102 073,931	14,559	14,091	95	72	4 153	16,378	45,925	2,804	2,336
46	23	96 266	6 597,867	95 063,093	14,408	13,940	96	73	2 975	11,071	29,547	2,669	2,201
47	24	96 006	6 207,588	88 465,226	14,251	13,783	97	74	2 070	7,267	18,476	2,543	2,075
48	25	95 710	5 838,129	82 257,638	14,090	13,622	98	75	1 396	4,622	11,209	2,425	1,957
49	26	95 382	5 488,797	76 419,509	13,923	13,455	99	76	910	2,844	6,587	2,316	1,848
							100	77	573	1,690	3,744	2,215	1,747

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß   6,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	26	95 040	5 159,553	70 993,711	13,760	13,292
1							51	27	94 637	4 846,882	65 834,158	13,583	13,115
2							52	28	94 164	4 549,674	60 987,276	13,405	12,937
3							53	29	93 669	4 269,579	56 437,602	13,219	12,751
4							54	30	93 125	4 004,523	52 168,023	13,027	12,559
5							55	31	92 522	3 753,393	48 163,500	12,832	12,364
6							56	32	91 869	3 515,916	44 410,107	12,631	12,163
7							57	33	91 167	3 291,557	40 894,191	12,424	11,956
8							58	34	90 400	3 079,134	37 602,633	12,212	11,744
9							59	35	89 567	2 878,075	34 523,499	11,995	11,527
10							60	36	88 677	2 688,184	31 645,424	11,772	11,304
11							61	37	87 714	2 508,476	28 957,240	11,544	11,076
12							62	38	86 688	2 338,816	26 448,764	11,309	10,841
13							63	39	85 601	2 178,765	24 109,948	11,066	10,598
14							64	40	84 463	2 028,108	21 931,183	10,814	10,346
15							65	41	83 214	1 885,007	19 903,075	10,559	10,091
16							66	42	81 895	1 750,126	18 018,068	10,295	9,827
17							67	43	80 468	1 622,306	16 267,942	10,028	9,560
18							68	44	78 949	1 501,573	14 645,636	9,754	9,286
19							69	45	77 350	1 387,893	13 144,062	9,471	9,003
20							70	46	75 634	1 280,285	11 756,170	9,182	8,714
21							71	47	73 808	1 178,653	10 475,885	8,888	8,420
22							72	48	71 850	1 082,445	9 297,232	8,589	8,121
23							73	49	69 779	991,736	8 214,786	8,283	7,815
24	0	99 050	24 463,145	404 369,993	16,530	16,062	74	50	67 557	905,805	7 223,051	7,974	7,506
25	1	98 682	22 992,807	379 906,848	16,523	16,055	75	51	65 125	823,773	6 317,246	7,669	7,201
26	2	98 602	21 673,688	356 914,041	16,468	16,000	76	52	62 533	746,220	5 493,474	7,362	6,894
27	3	98 530	20 431,951	335 240,354	16,408	15,940	77	53	59 766	672,830	4 747,254	7,056	6,588
28	4	98 457	19 261,073	314 808,403	16,344	15,876	78	54	56 801	603,255	4 074,424	6,754	6,286
29	5	98 386	18 157,740	295 547,330	16,277	15,809	79	55	53 629	537,328	3 471,169	6,460	5,992
30	6	98 311	17 116,948	277 389,590	16,206	15,738	80	56	50 294	475,389	2 933,841	6,171	5,703
31	7	98 240	16 136,326	260 272,642	16,130	15,662	81	57	46 845	417,723	2 458,453	5,885	5,417
32	8	98 161	15 210,778	244 136,315	16,050	15,582	82	58	43 259	363,909	2 040,729	5,608	5,140
33	9	98 082	14 338,186	228 925,537	15,966	15,498	83	59	39 608	314,339	1 676,821	5,334	4,866
34	10	98 000	13 515,333	214 587,351	15,877	15,409	84	60	35 956	269,202	1 362,481	5,061	4,593
35	11	97 915	12 739,297	201 072,018	15,784	15,316	85	61	32 251	227,792	1 093,280	4,799	4,331
36	12	97 825	12 007,149	188 332,721	15,685	15,217	86	62	28 582	190,452	865,487	4,544	4,076
37	13	97 731	11 316,610	176 325,572	15,581	15,113	87	63	24 967	156,951	675,035	4,301	3,833
38	14	97 630	10 664,962	165 008,962	15,472	15,004	88	64	21 445	127,179	518,084	4,074	3,606
39	15	97 512	10 049,136	154 344,000	15,359	14,891	89	65	18 130	101,435	390,905	3,854	3,386
40	16	97 388	9 468,243	144 294,864	15,240	14,772	90	66	14 980	79,064	289,470	3,661	3,193
41	17	97 248	8 919,473	134 826,622	15,116	14,648	91	67	12 238	60,936	210,406	3,453	2,985
42	18	97 099	8 401,725	125 907,149	14,986	14,518	92	68	9 703	45,580	149,470	3,279	2,811
43	19	96 928	7 912,225	117 505,424	14,851	14,383	93	69	7 530	33,369	103,890	3,113	2,645
44	20	96 736	7 449,514	109 593,199	14,711	14,243	94	70	5 702	23,837	70,521	2,958	2,490
45	21	96 522	7 012,305	102 143,685	14,566	14,098	95	71	4 207	16,592	46,683	2,814	2,346
46	22	96 288	6 599,348	95 131,380	14,415	13,947	96	72	3 019	11,234	30,092	2,679	2,211
47	23	96 028	6 209,007	88 532,032	14,259	13,791	97	73	2 104	7,387	18,858	2,553	2,085
48	24	95 729	5 839,310	82 323,025	14,098	13,630	98	74	1 422	4,710	11,471	2,436	1,968
49	25	95 403	5 490,005	76 483,715	13,931	13,463	99	75	930	2,906	6,761	2,327	1,859
							100	76	588	1,732	3,855	2,226	1,758

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß   6,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	25	95 061	5 160,688	71 051,345	13,768	13,300
1							51	26	94 660	4 848,029	65 890,657	13,591	13,123
2							52	27	94 189	4 550,897	61 042,628	13,413	12,945
3							53	28	93 693	4 270,659	56 491,731	13,228	12,760
4							54	29	93 152	4 005,672	52 221,072	13,037	12,569
5							55	30	92 549	3 754,456	48 215,400	12,842	12,374
6							56	31	91 896	3 516,978	44 460,945	12,642	12,174
7							57	32	91 199	3 292,724	40 943,966	12,435	11,967
8							58	33	90 433	3 080,261	37 651,242	12,223	11,755
9							59	34	89 605	2 879,298	34 570,981	12,007	11,539
10							60	35	88 712	2 689,254	31 691,683	11,785	11,317
11							61	36	87 755	2 509,669	29 002,430	11,556	11,088
12							62	37	86 734	2 340,065	26 492,761	11,321	10,853
13							63	38	85 649	2 179,978	24 152,696	11,079	10,611
14							64	39	84 519	2 029,451	21 972,717	10,827	10,359
15							65	40	83 272	1 886,340	19 943,267	10,572	10,105
16							66	41	81 960	1 751,529	18 056,927	10,309	9,841
17							67	42	80 540	1 623,751	16 305,398	10,042	9,574
18							68	43	79 030	1 503,112	14 681,646	9,767	9,300
19							69	44	77 437	1 389,453	13 178,534	9,485	9,017
20							70	45	75 730	1 281,912	11 789,081	9,196	8,729
21							71	46	73 912	1 180,316	10 507,169	8,902	8,434
22							72	47	71 968	1 084,218	9 326,852	8,602	8,134
23							73	48	69 903	993,492	8 242,634	8,297	7,829
24							74	49	67 696	907,672	7 249,142	7,987	7,519
25	0	98 994	23 065,525	380 075,570	16,478	16,010	75	50	65 269	825,592	6 341,470	7,681	7,213
26	1	98 628	21 679,410	357 010,044	16,468	16,000	76	51	62 687	748,050	5 515,878	7,374	6,906
27	2	98 545	20 434,995	335 330,634	16,410	15,942	77	52	59 931	674,683	4 767,828	7,067	6,599
28	3	98 468	19 263,225	314 895,640	16,347	15,879	78	53	56 973	605,074	4 093,145	6,765	6,297
29	4	98 397	18 159,904	295 632,415	16,279	15,811	79	54	53 801	539,048	3 488,072	6,471	6,003
30	5	98 321	17 118,679	277 472,511	16,209	15,741	80	55	50 473	477,079	2 949,024	6,181	5,713
31	6	98 248	16 137,732	260 353,832	16,133	15,665	81	56	47 022	419,305	2 471,945	5,895	5,427
32	7	98 169	15 212,084	244 216,100	16,054	15,586	82	57	43 432	365,369	2 052,640	5,618	5,150
33	8	98 089	14 339,242	229 004,016	15,970	15,502	83	58	39 784	315,732	1 687,271	5,344	4,876
34	9	98 007	13 516,265	214 664,774	15,882	15,414	84	59	36 127	270,479	1 371,538	5,071	4,603
35	10	97 922	12 740,201	201 148,509	15,788	15,321	85	60	32 425	229,027	1 101,060	4,808	4,340
36	11	97 833	12 008,109	188 408,308	15,690	15,222	86	61	28 747	191,553	872,033	4,552	4,084
37	12	97 739	11 317,521	176 400,199	15,586	15,119	87	62	25 126	157,947	680,480	4,308	3,840
38	13	97 638	10 665,917	165 082,677	15,478	15,010	88	63	21 591	128,041	522,532	4,081	3,613
39	14	97 522	10 050,225	154 416,760	15,365	14,897	89	64	18 265	102,186	394,491	3,861	3,393
40	15	97 400	9 469,434	144 366,535	15,246	14,778	90	65	15 098	79,687	292,305	3,668	3,200
41	16	97 263	8 920,845	134 897,101	15,122	14,654	91	66	12 344	61,462	212,618	3,459	2,991
42	17	97 115	8 403,073	125 976,256	14,992	14,524	92	67	9 793	46,000	151,156	3,286	2,818
43	18	96 951	7 914,033	117 573,182	14,856	14,388	93	68	7 604	33,697	105,157	3,121	2,653
44	19	96 756	7 451,053	109 659,149	14,717	14,249	94	69	5 763	24,093	71,460	2,966	2,498
45	20	96 543	7 013,862	102 208,096	14,572	14,104	95	70	4 256	16,786	47,367	2,822	2,354
46	21	96 308	6 600,729	95 194,234	14,422	13,954	96	71	3 059	11,380	30,580	2,687	2,219
47	22	96 050	6 210,400	88 593,505	14,265	13,797	97	72	2 135	7,495	19,200	2,562	2,094
48	23	95 751	5 840,645	82 383,105	14,105	13,637	98	73	1 446	4,788	11,705	2,445	1,977
49	24	95 422	5 491,115	76 542,460	13,939	13,471	99	74	948	2,961	6,917	2,336	1,868
							100	75	601	1,770	3,956	2,235	1,767

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß   6,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	0	100 000	100 000,000	1 655 609,493	16,556	16,088	50	50	93 336	4 504,017	57 264,582	12,714	12,246
1	1	99 299	93 458,041	1 555 609,493	16,645	16,177	51	51	92 757	4 212,814	52 760,564	12,524	12,055
2	2	99 240	87 908,517	1 462 151,451	16,633	16,164	52	52	92 093	3 936,587	48 547,750	12,332	11,864
3	3	99 207	82 709,491	1 374 242,934	16,615	16,147	53	53	91 380	3 676,355	44 611,163	12,135	11,666
4	4	99 182	77 824,705	1 291 533,444	16,595	16,127	54	54	90 602	3 430,655	40 934,807	11,932	11,464
5	5	99 157	73 228,326	1 213 708,739	16,574	16,106	55	55	89 754	3 198,615	37 504,153	11,725	11,257
6	6	99 136	68 906,366	1 140 480,413	16,551	16,083	56	56	88 831	2 979,498	34 305,537	11,514	11,046
7	7	99 117	64 840,551	1 071 574,047	16,526	16,058	57	57	87 851	2 773,292	31 326,039	11,296	10,827
8	8	99 101	61 016,135	1 006 733,496	16,499	16,031	58	58	86 796	2 578,810	28 552,747	11,072	10,604
9	9	99 085	57 417,938	945 717,361	16,471	16,002	59	59	85 653	2 395,156	25 973,937	10,844	10,376
10	10	99 070	54 032,441	888 299,423	16,440	15,972	60	60	84 435	2 222,209	23 578,781	10,611	10,142
11	11	99 055	50 845,909	834 266,982	16,408	15,939	61	61	83 107	2 058,601	21 356,573	10,374	9,906
12	12	99 038	47 847,040	783 421,073	16,373	15,905	62	62	81 707	1 904,865	19 297,972	10,131	9,663
13	13	99 019	45 023,872	735 574,034	16,337	15,869	63	63	80 218	1 760,148	17 393,107	9,882	9,413
14	14	98 999	42 366,914	690 550,162	16,299	15,831	64	64	78 670	1 624,643	15 632,959	9,622	9,154
15	15	98 974	39 864,436	648 183,248	16,260	15,791	65	65	76 991	1 496,443	14 008,316	9,361	8,893
16	16	98 944	37 508,071	608 318,811	16,218	15,750	66	66	75 240	1 376,374	12 511,873	9,090	8,622
17	17	98 903	35 287,116	570 810,740	16,176	15,708	67	67	73 362	1 263,085	11 135,499	8,816	8,348
18	18	98 853	33 194,824	535 523,624	16,133	15,664	68	68	71 392	1 156,868	9 872,414	8,534	8,065
19	19	98 783	31 220,012	502 328,800	16,090	15,622	69	69	69 345	1 057,597	8 715,546	8,241	7,773
20	20	98 714	29 363,116	471 108,788	16,044	15,576	70	70	67 172	964,189	7 657,948	7,942	7,474
21	21	98 639	27 614,877	441 745,672	15,997	15,528	71	71	64 881	876,519	6 693,760	7,637	7,168
22	22	98 566	25 970,991	414 130,795	15,946	15,478	72	72	62 449	794,036	5 817,241	7,326	6,858
23	23	98 491	24 424,816	388 159,804	15,892	15,424	73	73	59 876	716,543	5 023,205	7,010	6,542
24	24	98 417	22 970,793	363 734,988	15,835	15,366	74	74	57 144	643,624	4 306,662	6,691	6,223
25	25	98 342	21 603,104	340 764,195	15,774	15,305	75	75	54 182	574,358	3 663,039	6,378	5,909
26	26	98 266	20 316,693	319 161,091	15,709	15,241	76	76	51 034	509,169	3 088,681	6,066	5,598
27	27	98 186	19 105,960	298 844,398	15,641	15,173	77	77	47 712	448,025	2 579,512	5,758	5,289
28	28	98 098	17 965,871	279 738,438	15,571	15,102	78	78	44 221	390,815	2 131,487	5,454	4,986
29	29	98 014	16 894,620	261 772,567	15,494	15,026	79	79	40 542	337,225	1 740,671	5,162	4,693
30	30	97 921	15 885,804	244 877,947	15,415	14,947	80	80	36 771	287,864	1 403,446	4,875	4,407
31	31	97 831	14 937,548	228 992,143	15,330	14,862	81	81	32 943	242,726	1 115,582	4,596	4,128
32	32	97 732	14 044,591	214 054,594	15,241	14,773	82	82	29 089	201,725	872,856	4,327	3,859
33	33	97 625	13 204,040	200 010,003	15,148	14,679	83	83	25 277	164,979	671,130	4,068	3,600
34	34	97 515	12 413,305	186 805,963	15,049	14,580	84	84	21 610	132,744	506,151	3,813	3,345
35	35	97 396	11 668,885	174 392,658	14,945	14,477	85	85	18 078	104,520	373,407	3,573	3,104
36	36	97 276	10 968,890	162 723,773	14,835	14,367	86	86	14 781	80,429	268,887	3,343	2,875
37	37	97 144	10 309,666	151 754,882	14,720	14,251	87	87	11 769	60,275	188,458	3,127	2,658
38	38	97 000	9 688,835	141 445,216	14,599	14,130	88	88	9 075	43,744	128,183	2,930	2,462
39	39	96 839	9 103,809	131 756,381	14,473	14,004	89	89	6 784	30,777	84,438	2,744	2,275
40	40	96 664	8 552,792	122 652,572	14,341	13,872	90	90	4 850	20,708	53,661	2,591	2,123
41	41	96 472	8 033,683	114 099,780	14,203	13,734	91	91	3 378	13,574	32,953	2,428	1,959
42	42	96 263	7 544,706	106 066,097	14,058	13,590	92	92	2 223	8,406	19,379	2,305	1,837
43	43	96 030	7 083,729	98 521,391	13,908	13,440	93	93	1 412	5,027	10,973	2,183	1,715
44	44	95 760	6 648,336	91 437,662	13,753	13,285	94	94	857	2,870	5,947	2,072	1,603
45	45	95 463	6 237,795	84 789,326	13,593	13,124	95	95	495	1,561	3,076	1,971	1,502
46	46	95 130	5 850,427	78 551,531	13,427	12,958	96	96	272	0,806	1,515	1,879	1,410
47	47	94 761	5 484,925	72 701,103	13,255	12,786	97	97	141	0,395	0,709	1,795	1,327
48	48	94 333	5 138,964	67 216,179	13,080	12,611	98	98	69	0,183	0,314	1,719	1,251
49	49	93 864	4 812,633	62 077,215	12,899	12,430	99	99	32	0,080	0,131	1,651	1,182
							100	100	14	0,033	0,052	1,588	1,120

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß   6,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	1	99 685	99 684,731	1 654 535,467	16,598	16,129	50	51	93 130	4 494,095	56 821,711	12,644	12,175
1	2	99 273	93 433,372	1 554 850,735	16,641	16,173	51	52	92 530	4 202,506	52 327,616	12,452	11,983
2	3	99 226	87 895,424	1 461 417,363	16,627	16,158	52	53	91 840	3 925,780	48 125,109	12,259	11,790
3	4	99 196	82 700,249	1 373 521,940	16,608	16,140	53	54	91 105	3 665,302	44 199,329	12,059	11,590
4	5	99 170	77 815,430	1 290 821,691	16,588	16,120	54	55	90 313	3 419,707	40 534,027	11,853	11,385
5	6	99 147	73 220,924	1 213 006,261	16,566	16,098	55	56	89 436	3 187,282	37 114,320	11,645	11,176
6	7	99 128	68 900,365	1 139 785,336	16,543	16,074	56	57	88 496	2 968,259	33 927,038	11,430	10,962
7	8	99 109	64 834,986	1 070 884,972	16,517	16,049	57	58	87 500	2 762,208	30 958,779	11,208	10,740
8	9	99 093	61 011,642	1 006 049,986	16,489	16,021	58	59	86 413	2 567,432	28 196,571	10,982	10,514
9	10	99 078	57 413,978	945 038,344	16,460	15,992	59	60	85 248	2 383,846	25 629,140	10,751	10,283
10	11	99 063	54 028,606	887 624,367	16,429	15,960	60	61	83 980	2 210,232	23 245,294	10,517	10,049
11	12	99 047	50 841,843	833 595,760	16,396	15,928	61	62	82 629	2 046,771	21 035,061	10,277	9,809
12	13	99 030	47 843,188	782 753,918	16,361	15,892	62	63	81 191	1 892,849	18 988,290	10,032	9,563
13	14	99 010	45 019,839	734 910,730	16,324	15,856	63	64	79 678	1 748,288	17 095,441	9,778	9,310
14	15	98 989	42 362,322	689 890,891	16,285	15,817	64	65	78 092	1 612,703	15 347,153	9,516	9,048
15	16	98 961	39 859,422	647 528,569	16,245	15,777	65	66	76 390	1 484,756	13 734,450	9,250	8,782
16	17	98 928	37 502,300	607 669,147	16,204	15,735	66	67	74 596	1 364,600	12 249,694	8,977	8,508
17	18	98 887	35 281,453	570 166,848	16,161	15,692	67	68	72 692	1 251,550	10 885,094	8,697	8,229
18	19	98 831	33 187,242	534 885,394	16,117	15,649	68	69	70 699	1 145,634	9 633,543	8,409	7,941
19	20	98 763	31 213,564	501 698,152	16,073	15,605	69	70	68 609	1 046,364	8 487,909	8,112	7,643
20	21	98 693	29 356,598	470 484,588	16,027	15,558	70	71	66 392	952,999	7 441,545	7,809	7,340
21	22	98 619	27 609,098	441 127,991	15,978	15,509	71	72	64 045	865,232	6 488,546	7,499	7,031
22	23	98 543	25 965,165	413 518,893	15,926	15,458	72	73	61 545	782,540	5 623,314	7,186	6,718
23	24	98 469	24 419,233	387 553,728	15,871	15,402	73	74	58 903	704,891	4 840,774	6,867	6,399
24	25	98 397	22 966,149	363 134,495	15,812	15,343	74	75	56 081	631,647	4 135,883	6,548	6,079
25	26	98 321	21 598,352	340 168,346	15,750	15,281	75	76	53 019	562,033	3 504,235	6,235	5,767
26	27	98 243	20 311,885	318 569,993	15,684	15,216	76	77	49 784	496,698	2 942,202	5,924	5,455
27	28	98 160	19 100,827	298 258,109	15,615	15,147	77	78	46 390	435,604	2 445,504	5,614	5,146
28	29	98 073	17 961,327	279 157,281	15,542	15,074	78	79	42 803	378,283	2 009,900	5,313	4,845
29	30	97 986	16 889,773	261 195,954	15,465	14,996	79	80	39 070	324,982	1 631,618	5,021	4,552
30	31	97 894	15 881,308	244 306,181	15,383	14,915	80	81	35 235	275,841	1 306,636	4,737	4,269
31	32	97 801	14 933,037	228 424,873	15,297	14,828	81	82	31 375	231,175	1 030,795	4,459	3,991
32	33	97 697	14 039,613	213 491,836	15,206	14,738	82	83	27 485	190,601	799,619	4,195	3,727
33	34	97 589	13 199,212	199 452,223	15,111	14,643	83	84	23 692	154,633	609,018	3,938	3,470
34	35	97 474	12 408,032	186 253,011	15,011	14,542	84	85	20 047	123,144	454,385	3,690	3,221
35	36	97 358	11 664,244	173 844,979	14,904	14,436	85	86	16 582	95,871	331,240	3,455	2,987
36	37	97 230	10 963,678	162 180,735	14,793	14,324	86	87	13 388	72,851	235,370	3,231	2,762
37	38	97 092	10 304,164	151 217,057	14,675	14,207	87	88	10 495	53,748	162,519	3,024	2,555
38	39	96 946	9 683,441	140 912,893	14,552	14,084	88	89	7 966	38,395	108,771	2,833	2,365
39	40	96 775	9 097,786	131 229,452	14,424	13,956	89	90	5 824	26,422	70,376	2,664	2,195
40	41	96 596	8 546,752	122 131,666	14,290	13,821	90	91	4 099	17,502	43,954	2,511	2,043
41	42	96 395	8 027,244	113 584,914	14,150	13,682	91	92	2 778	11,162	26,452	2,370	1,901
42	43	96 177	7 537,991	105 557,670	14,003	13,535	92	93	1 802	6,815	15,290	2,243	1,775
43	44	95 932	7 076,476	98 019,679	13,851	13,383	93	94	1 119	3,985	8,475	2,127	1,658
44	45	95 653	6 640,869	90 943,203	13,694	13,226	94	95	663	2,222	4,490	2,020	1,552
45	46	95 341	6 229,878	84 302,335	13,532	13,064	95	96	374	1,179	2,268	1,924	1,456
46	47	94 996	5 842,183	78 072,457	13,364	12,895	96	97	200	0,593	1,089	1,836	1,368
47	48	94 606	5 475,956	72 230,273	13,190	12,722	97	98	101	0,282	0,496	1,757	1,288
48	49	94 166	5 129,876	66 754,317	13,013	12,544	98	99	48	0,127	0,214	1,685	1,216
49	50	93 671	4 802,731	61 624,441	12,831	12,363	99	100	22	0,054	0,087	1,619	1,151

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß   6,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	2	99 658	99 658,418	1 653 710,308	16,594	16,125
1	3	99 258	93 419,456	1 554 051,890	16,635	16,167
2	4	99 215	87 885,603	1 460 632,434	16,620	16,151
3	5	99 184	82 690,393	1 372 746,832	16,601	16,133
4	6	99 160	77 807,565	1 290 056,439	16,580	16,112
5	7	99 138	73 214,548	1 212 248,874	16,557	16,089
6	8	99 119	68 894,451	1 139 034,326	16,533	16,065
7	9	99 101	64 830,211	1 070 139,875	16,507	16,038
8	10	99 086	61 007,433	1 005 309,664	16,478	16,010
9	11	99 071	57 409,903	944 302,231	16,448	15,980
10	12	99 055	54 024,286	886 892,328	16,417	15,948
11	13	99 039	50 837,750	832 868,042	16,383	15,915
12	14	99 021	47 838,902	782 030,293	16,347	15,879
13	15	99 000	45 014,959	734 191,390	16,310	15,842
14	16	98 976	42 356,993	689 176,431	16,271	15,802
15	17	98 946	39 853,289	646 819,438	16,230	15,762
16	18	98 913	37 496,282	606 966,150	16,187	15,719
17	19	98 864	35 273,395	569 469,868	16,144	15,676
18	20	98 810	33 180,387	534 196,473	16,100	15,631
19	21	98 741	31 206,635	501 016,086	16,055	15,586
20	22	98 672	29 350,453	469 809,451	16,007	15,539
21	23	98 597	27 602,904	440 458,997	15,957	15,489
22	24	98 521	25 959,229	412 856,093	15,904	15,436
23	25	98 449	24 414,297	386 896,863	15,847	15,379
24	26	98 376	22 961,097	362 482,566	15,787	15,318
25	27	98 297	21 593,241	339 521,469	15,724	15,255
26	28	98 217	20 306,428	317 928,228	15,657	15,188
27	29	98 135	19 095,997	297 621,801	15,586	15,117
28	30	98 045	17 956,174	278 525,803	15,511	15,043
29	31	97 958	16 884,993	260 569,629	15,432	14,964
30	32	97 864	15 876,511	243 684,636	15,349	14,880
31	33	97 767	14 927,744	227 808,126	15,261	14,792
32	34	97 661	14 034,480	212 880,382	15,168	14,700
33	35	97 548	13 193,605	198 845,902	15,071	14,603
34	36	97 435	12 403,097	185 652,297	14,968	14,500
35	37	97 311	11 658,701	173 249,200	14,860	14,392
36	38	97 178	10 957,827	161 590,499	14,747	14,278
37	39	97 038	10 298,428	150 632,672	14,627	14,158
38	40	96 882	9 677,035	140 334,245	14,502	14,033
39	41	96 707	9 091,361	130 657,210	14,372	13,903
40	42	96 518	8 539,902	121 565,849	14,235	13,767
41	43	96 309	8 020,099	113 025,947	14,093	13,624
42	44	96 078	7 530,272	105 005,848	13,944	13,476
43	45	95 824	7 068,528	97 475,576	13,790	13,322
44	46	95 532	6 632,440	90 407,048	13,631	13,163
45	47	95 207	6 221,099	83 774,608	13,466	12,998
46	48	94 841	5 832,631	77 553,508	13,296	12,828
47	49	94 439	5 466,272	71 720,878	13,121	12,652
48	50	93 973	5 119,320	66 254,605	12,942	12,474
49	51	93 465	4 792,150	61 135,285	12,757	12,289
50	52	92 902	4 483,099	56 343,135	12,568	12,100
51	53	92 276	4 190,969	51 860,036	12,374	11,906
52	54	91 564	3 913,977	47 669,067	12,179	11,711
53	55	90 815	3 653,605	43 755,090	11,976	11,508
54	56	89 993	3 407,590	40 101,484	11,768	11,300
55	57	89 099	3 175,259	36 693,894	11,556	11,088
56	58	88 142	2 956,396	33 518,635	11,338	10,869
57	59	87 113	2 750,020	30 562,239	11,113	10,645
58	60	86 005	2 555,308	27 812,219	10,884	10,416
59	61	84 789	2 370,998	25 256,911	10,652	10,184
60	62	83 497	2 197,531	22 885,912	10,414	9,946
61	63	82 108	2 033,861	20 688,382	10,172	9,704
62	64	80 644	1 880,096	18 654,521	9,922	9,454
63	65	79 092	1 735,439	16 774,425	9,666	9,197
64	66	77 482	1 600,108	15 038,986	9,399	8,930
65	67	75 736	1 472,055	13 438,878	9,129	8,661
66	68	73 915	1 352,138	11 966,823	8,850	8,382
67	69	71 986	1 239,397	10 614,685	8,564	8,096
68	70	69 948	1 133,466	9 375,288	8,271	7,803
69	71	67 813	1 034,221	8 241,822	7,969	7,501
70	72	65 537	940,727	7 207,601	7,662	7,193
71	73	63 118	852,705	6 266,873	7,349	6,881
72	74	60 544	769,815	5 414,168	7,033	6,565
73	75	57 807	691,775	4 644,353	6,714	6,245
74	76	54 878	618,094	3 952,578	6,395	5,926
75	77	51 721	548,267	3 334,485	6,082	5,614
76	78	48 404	482,928	2 786,217	5,769	5,301
77	79	44 902	421,635	2 303,290	5,463	4,994
78	80	41 249	364,549	1 881,655	5,162	4,693
79	81	37 438	311,409	1 517,106	4,872	4,403
80	82	33 558	262,714	1 205,697	4,589	4,121
81	83	29 645	218,427	942,983	4,317	3,849
82	84	25 762	178,648	724,556	4,056	3,587
83	85	21 979	143,451	545,908	3,806	3,337
84	86	18 388	112,954	402,457	3,563	3,095
85	87	15 020	86,838	289,503	3,334	2,865
86	88	11 938	64,962	202,665	3,120	2,651
87	89	9 211	47,175	137,704	2,919	2,451
88	90	6 838	32,962	90,529	2,746	2,278
89	91	4 923	22,332	57,567	2,578	2,109
90	92	3 371	14,392	35,236	2,448	1,980
91	93	2 252	9,050	20,843	2,303	1,835
92	94	1 429	5,403	11,793	2,183	1,714
93	95	867	3,085	6,390	2,072	1,603
94	96	501	1,678	3,306	1,970	1,502
95	97	275	0,867	1,628	1,879	1,410
96	98	143	0,424	0,761	1,795	1,327
97	99	70	0,196	0,337	1,720	1,251
98	100	33	0,085	0,141	1,651	1,182

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß   6,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	3	99 644	99 643,575	1 652 841,740	16,588	16,119	50	53	92 647	4 470,791	55 826,931	12,487	12,019
1	4	99 247	93 409,018	1 553 198,165	16,628	16,160	51	54	91 999	4 178,369	51 356,140	12,291	11,823
2	5	99 203	87 875,129	1 459 789,147	16,612	16,144	52	55	91 271	3 901,487	47 177,771	12,092	11,624
3	6	99 174	82 682,035	1 371 914,019	16,593	16,124	53	56	90 493	3 640,660	43 276,284	11,887	11,419
4	7	99 152	77 800,788	1 289 231,983	16,571	16,103	54	57	89 654	3 394,736	39 635,624	11,676	11,207
5	8	99 130	73 208,264	1 211 431,195	16,548	16,079	55	58	88 742	3 162,569	36 240,888	11,459	10,991
6	9	99 112	68 889,378	1 138 222,931	16,522	16,054	56	59	87 753	2 943,351	33 078,319	11,238	10,770
7	10	99 095	64 825,739	1 069 333,554	16,496	16,027	57	60	86 702	2 737,035	30 134,968	11,010	10,542
8	11	99 079	61 003,103	1 004 507,815	16,467	15,998	58	61	85 541	2 541,537	27 397,933	10,780	10,312
9	12	99 063	57 405,312	943 504,712	16,436	15,967	59	62	84 302	2 357,373	24 856,396	10,544	10,076
10	13	99 047	54 019,937	886 099,400	16,403	15,935	60	63	82 970	2 183,670	22 499,023	10,303	9,835
11	14	99 030	50 833,196	832 079,463	16,369	15,900	61	64	81 555	2 020,157	20 315,354	10,056	9,588
12	15	99 011	47 833,717	781 246,267	16,333	15,864	62	65	80 052	1 866,278	18 295,197	9,803	9,335
13	16	98 987	45 009,297	733 412,550	16,295	15,826	63	66	78 474	1 721,886	16 428,919	9,541	9,073
14	17	98 961	42 350,476	688 403,253	16,255	15,787	64	67	76 819	1 586,421	14 707,033	9,271	8,802
15	18	98 930	39 846,893	646 052,778	16,213	15,745	65	68	75 045	1 458,612	13 120,613	8,995	8,527
16	19	98 890	37 487,717	606 205,884	16,171	15,702	66	69	73 197	1 339,008	11 662,001	8,709	8,241
17	20	98 844	35 266,109	568 718,167	16,126	15,658	67	70	71 222	1 226,233	10 322,993	8,418	7,950
18	21	98 788	33 173,022	533 452,058	16,081	15,613	68	71	69 136	1 120,312	9 096,761	8,120	7,651
19	22	98 720	31 200,104	500 279,036	16,035	15,566	69	72	66 939	1 020,903	7 976,448	7,813	7,345
20	23	98 650	29 343,869	469 078,932	15,986	15,517	70	73	64 589	927,108	6 955,545	7,502	7,034
21	24	98 574	27 596,595	439 735,063	15,934	15,466	71	74	62 092	838,839	6 028,437	7,187	6,718
22	25	98 501	25 953,982	412 138,468	15,880	15,411	72	75	59 417	755,491	5 189,598	6,869	6,401
23	26	98 427	24 408,927	386 184,486	15,821	15,353	73	76	56 566	676,931	4 434,107	6,550	6,082
24	27	98 352	22 955,663	361 775,560	15,760	15,291	74	77	53 534	602,955	3 757,176	6,231	5,763
25	28	98 271	21 587,440	338 819,896	15,695	15,227	75	78	50 287	533,067	3 154,222	5,917	5,449
26	29	98 192	20 301,293	317 232,457	15,626	15,158	76	79	46 852	467,441	2 621,154	5,607	5,139
27	30	98 107	19 090,518	296 931,164	15,554	15,086	77	80	43 272	406,327	2 153,713	5,300	4,832
28	31	98 017	17 951,092	277 840,646	15,478	15,009	78	81	39 526	349,323	1 747,386	5,002	4,534
29	32	97 928	16 879,893	259 889,554	15,396	14,928	79	82	35 657	296,589	1 398,063	4,714	4,245
30	33	97 829	15 870,883	243 009,661	15,312	14,843	80	83	31 708	248,227	1 101,474	4,437	3,969
31	34	97 731	14 922,285	227 138,778	15,221	14,753	81	84	27 786	204,729	853,248	4,168	3,699
32	35	97 620	14 028,518	212 216,492	15,128	14,659	82	85	23 899	165,729	648,518	3,913	3,445
33	36	97 509	13 188,358	198 187,974	15,027	14,559	83	86	20 160	131,580	482,789	3,669	3,201
34	37	97 388	12 397,203	184 999,616	14,923	14,454	84	87	16 655	102,311	351,209	3,433	2,964
35	38	97 259	11 652,479	172 602,413	14,813	14,344	85	88	13 393	77,434	248,898	3,214	2,746
36	39	97 124	10 951,726	160 949,935	14,696	14,228	86	89	10 478	57,018	171,465	3,007	2,539
37	40	96 974	10 291,615	149 998,208	14,575	14,106	87	90	7 908	40,499	114,447	2,826	2,358
38	41	96 813	9 670,200	139 706,594	14,447	13,979	88	91	5 780	27,859	73,948	2,654	2,186
39	42	96 629	9 084,074	130 036,393	14,315	13,846	89	92	4 048	18,364	46,089	2,510	2,041
40	43	96 433	8 532,301	120 952,319	14,176	13,707	90	93	2 733	11,669	27,725	2,376	1,908
41	44	96 210	8 011,887	112 420,018	14,032	13,563	91	94	1 785	7,174	16,056	2,238	1,770
42	45	95 971	7 521,815	104 408,131	13,881	13,412	92	95	1 106	4,183	8,882	2,124	1,655
43	46	95 702	7 059,556	96 886,316	13,724	13,256	93	96	654	2,329	4,699	2,018	1,550
44	47	95 397	6 623,094	89 826,760	13,563	13,094	94	97	368	1,233	2,371	1,922	1,453
45	48	95 051	6 210,927	83 203,666	13,396	12,928	95	98	197	0,620	1,137	1,835	1,366
46	49	94 673	5 822,316	76 992,739	13,224	12,755	96	99	99	0,295	0,517	1,755	1,287
47	50	94 245	5 455,025	71 170,423	13,047	12,578	97	100	47	0,132	0,223	1,683	1,215
48	51	93 766	5 108,042	65 715,398	12,865	12,397							
49	52	93 236	4 780,425	60 607,355	12,678	12,210							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß   6,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	4	99 632	99 632,441	1 651 914,077	16,580	16,112	50	54	92 368	4 457,349	55 271,375	12,400	11,932
1	5	99 235	93 397,885	1 552 281,636	16,620	16,152	51	55	91 705	4 165,034	50 814,026	12,200	11,732
2	6	99 193	87 866,247	1 458 883,750	16,603	16,135	52	56	90 948	3 887,663	46 648,991	11,999	11,531
3	7	99 165	82 674,834	1 371 017,504	16,583	16,115	53	57	90 151	3 626,927	42 761,328	11,790	11,322
4	8	99 143	77 794,111	1 288 342,669	16,561	16,093	54	58	89 295	3 381,169	39 134,402	11,574	11,106
5	9	99 123	73 202,872	1 210 548,558	16,537	16,069	55	59	88 351	3 148,615	35 753,233	11,355	10,887
6	10	99 105	68 884,625	1 137 345,686	16,511	16,043	56	60	87 339	2 929,453	32 604,618	11,130	10,662
7	11	99 088	64 821,138	1 068 461,061	16,483	16,015	57	61	86 235	2 722,284	29 675,165	10,901	10,432
8	12	99 071	60 998,225	1 003 639,923	16,454	15,985	58	62	85 050	2 526,931	26 952,881	10,666	10,198
9	13	99 055	57 400,691	942 641,698	16,422	15,954	59	63	83 770	2 342,503	24 425,950	10,427	9,959
10	14	99 039	54 015,098	885 241,007	16,389	15,920	60	64	82 411	2 168,956	22 083,447	10,182	9,713
11	15	99 019	50 827,686	831 225,909	16,354	15,885	61	65	80 956	2 005,310	19 914,491	9,931	9,463
12	16	98 998	47 827,700	780 398,223	16,317	15,849	62	66	79 427	1 851,703	17 909,181	9,672	9,203
13	17	98 972	45 002,371	732 570,523	16,278	15,810	63	67	77 803	1 707,156	16 057,478	9,406	8,938
14	18	98 945	42 343,680	687 568,152	16,238	15,769	64	68	76 118	1 571,933	14 350,322	9,129	8,661
15	19	98 908	39 837,792	645 224,472	16,196	15,728	65	69	74 316	1 444,448	12 778,389	8,847	8,378
16	20	98 869	37 479,975	605 386,680	16,152	15,684	66	70	72 420	1 324,786	11 333,941	8,555	8,087
17	21	98 822	35 258,281	567 906,706	16,107	15,639	67	71	70 395	1 212,003	10 009,156	8,258	7,790
18	22	98 768	33 166,079	532 648,425	16,060	15,592	68	72	68 246	1 105,886	8 797,153	7,955	7,486
19	23	98 698	31 193,105	499 482,346	16,013	15,544	69	73	65 970	1 006,123	7 691,267	7,644	7,176
20	24	98 627	29 337,162	468 289,242	15,962	15,494	70	74	63 538	912,032	6 685,144	7,330	6,862
21	25	98 554	27 591,016	438 952,080	15,909	15,441	71	75	60 936	823,230	5 773,112	7,013	6,544
22	26	98 479	25 948,273	411 361,063	15,853	15,385	72	76	58 142	739,280	4 949,882	6,696	6,227
23	27	98 404	24 403,150	385 412,791	15,794	15,325	73	77	55 181	660,351	4 210,602	6,376	5,908
24	28	98 326	22 949,496	361 009,641	15,731	15,262	74	78	52 049	586,239	3 550,252	6,056	5,588
25	29	98 246	21 581,981	338 060,145	15,664	15,196	75	79	48 674	515,973	2 964,013	5,745	5,276
26	30	98 164	20 295,468	316 478,164	15,594	15,125	76	80	45 151	450,470	2 448,040	5,434	4,966
27	31	98 079	19 085,115	296 182,696	15,519	15,051	77	81	41 464	389,357	1 997,570	5,130	4,662
28	32	97 987	17 945,670	277 097,581	15,441	14,973	78	82	37 645	332,699	1 608,213	4,834	4,365
29	33	97 894	16 873,910	259 151,910	15,358	14,890	79	83	33 690	280,234	1 275,515	4,552	4,083
30	34	97 794	15 865,080	242 278,001	15,271	14,803	80	84	29 719	232,660	995,281	4,278	3,809
31	35	97 690	14 915,947	226 412,921	15,179	14,711	81	85	25 776	189,924	762,621	4,015	3,547
32	36	97 581	14 022,938	211 496,974	15,082	14,614	82	86	21 921	152,015	572,697	3,767	3,299
33	37	97 463	13 182,090	197 474,036	14,980	14,512	83	87	18 260	119,182	420,683	3,530	3,061
34	38	97 337	12 390,587	184 291,945	14,874	14,405	84	88	14 852	91,231	301,501	3,305	2,836
35	39	97 205	11 645,992	171 901,359	14,761	14,292	85	89	11 756	67,965	210,269	3,094	2,625
36	40	97 059	10 944,481	160 255,367	14,643	14,174	86	90	8 996	48,949	142,305	2,907	2,439
37	41	96 905	10 284,347	149 310,886	14,518	14,050	87	91	6 684	34,230	93,356	2,727	2,259
38	42	96 736	9 662,450	139 026,539	14,388	13,920	88	92	4 753	22,909	59,126	2,581	2,113
39	43	96 543	9 075,989	129 364,089	14,253	13,785	89	93	3 282	14,889	36,217	2,432	1,964
40	44	96 334	8 523,564	120 288,101	14,112	13,644	90	94	2 167	9,251	21,328	2,306	1,837
41	45	96 102	8 002,888	111 764,536	13,966	13,497	91	95	1 382	5,554	12,077	2,175	1,706
42	46	95 849	7 512,268	103 761,648	13,812	13,344	92	96	835	3,158	6,524	2,066	1,598
43	47	95 567	7 049,609	96 249,380	13,653	13,185	93	97	481	1,712	3,366	1,966	1,497
44	48	95 241	6 612,265	89 199,772	13,490	13,022	94	98	263	0,882	1,654	1,875	1,406
45	49	94 883	6 199,944	82 587,507	13,321	12,852	95	99	137	0,431	0,772	1,792	1,323
46	50	94 478	5 810,336	76 387,563	13,147	12,678	96	100	67	0,199	0,341	1,717	1,248
47	51	94 037	5 443,007	70 577,228	12,967	12,498							
48	52	93 536	5 095,544	65 134,220	12,783	12,314							
49	53	92 980	4 767,301	60 038,676	12,594	12,125							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß   6,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	5	99 621	99 620,567	1 650 918,954	16,572	16,104	50	55	92 074	4 443,125	54 674,522	12,305	11,837
1	6	99 225	93 388,445	1 551 298,387	16,611	16,143	51	56	91 380	4 150,277	50 231,397	12,103	11,635
2	7	99 184	87 858,594	1 457 909,942	16,594	16,125	52	57	90 605	3 872,998	46 081,120	11,898	11,430
3	8	99 157	82 667,739	1 370 051,347	16,573	16,105	53	58	89 791	3 612,431	42 208,122	11,684	11,216
4	9	99 136	77 788,382	1 287 383,609	16,550	16,081	54	59	88 901	3 366,250	38 595,690	11,465	10,997
5	10	99 116	73 197,823	1 209 595,227	16,525	16,057	55	60	87 934	3 133,747	35 229,440	11,242	10,774
6	11	99 098	68 879,737	1 136 397,404	16,498	16,030	56	61	86 868	2 913,665	32 095,693	11,016	10,547
7	12	99 080	64 815,954	1 067 517,667	16,470	16,002	57	62	85 739	2 706,640	29 182,028	10,782	10,313
8	13	99 064	60 993,315	1 002 701,713	16,440	15,971	58	63	84 513	2 510,992	26 475,388	10,544	10,075
9	14	99 046	57 395,549	941 708,399	16,407	15,939	59	64	83 205	2 326,720	23 964,396	10,300	9,831
10	15	99 028	54 009,243	884 312,849	16,373	15,905	60	65	81 806	2 153,016	21 637,676	10,050	9,582
11	16	99 007	50 821,293	830 303,606	16,338	15,869	61	66	80 323	1 989,649	19 484,661	9,793	9,325
12	17	98 983	47 820,341	779 482,313	16,300	15,832	62	67	78 747	1 835,863	17 495,012	9,530	9,061
13	18	98 956	44 995,149	731 661,973	16,261	15,793	63	68	77 092	1 691,566	15 659,149	9,257	8,789
14	19	98 922	42 334,008	686 666,823	16,220	15,752	64	69	75 379	1 556,668	13 967,583	8,973	8,504
15	20	98 887	39 829,564	644 332,816	16,177	15,709	65	70	73 527	1 429,105	12 410,915	8,684	8,216
16	21	98 848	37 471,654	604 503,252	16,132	15,664	66	71	71 579	1 309,412	10 981,809	8,387	7,918
17	22	98 801	35 250,901	567 031,598	16,086	15,617	67	72	69 489	1 196,395	9 672,397	8,085	7,616
18	23	98 746	33 158,639	531 780,696	16,037	15,569	68	73	67 258	1 089,875	8 476,002	7,777	7,309
19	24	98 675	31 185,975	498 622,057	15,989	15,520	69	74	64 897	989,762	7 386,127	7,463	6,994
20	25	98 607	29 331,232	467 436,083	15,936	15,468	70	75	62 356	895,061	6 396,365	7,146	6,678
21	26	98 533	27 584,947	438 104,851	15,882	15,414	71	76	59 629	805,566	5 501,303	6,829	6,361
22	27	98 456	25 942,132	410 519,904	15,824	15,356	72	77	56 718	721,172	4 695,738	6,511	6,043
23	28	98 377	24 396,594	384 577,772	15,764	15,295	73	78	53 651	642,043	3 974,565	6,190	5,722
24	29	98 301	22 943,693	360 181,179	15,698	15,230	74	79	50 380	567,439	3 332,522	5,873	5,405
25	30	98 218	21 575,788	337 237,486	15,630	15,162	75	80	46 907	497,240	2 765,083	5,561	5,093
26	31	98 136	20 289,724	315 661,697	15,558	15,089	76	81	43 265	431,656	2 267,843	5,254	4,785
27	32	98 049	19 079,351	295 371,973	15,481	15,013	77	82	39 491	370,827	1 836,187	4,952	4,483
28	33	97 953	17 939,309	276 292,622	15,402	14,933	78	83	35 569	314,352	1 465,360	4,662	4,193
29	34	97 858	16 867,740	258 353,314	15,316	14,848	79	84	31 578	262,660	1 151,008	4,382	3,914
30	35	97 752	15 858,341	241 485,574	15,228	14,759	80	85	27 570	215,835	888,348	4,116	3,648
31	36	97 651	14 910,014	225 627,233	15,133	14,664	81	86	23 643	174,207	672,513	3,860	3,392
32	37	97 535	14 016,274	210 717,219	15,034	14,565	82	87	19 855	137,691	498,306	3,619	3,151
33	38	97 411	13 175,055	196 700,944	14,930	14,461	83	88	16 283	106,276	360,615	3,393	2,925
34	39	97 282	12 383,689	183 525,889	14,820	14,352	84	89	13 036	80,075	254,339	3,176	2,708
35	40	97 141	11 638,287	171 142,200	14,705	14,237	85	90	10 092	58,346	174,264	2,987	2,518
36	41	96 991	10 936,752	159 503,913	14,584	14,116	86	91	7 603	41,372	115,918	2,802	2,334
37	42	96 828	10 276,104	148 567,161	14,458	13,989	87	92	5 496	28,148	74,546	2,648	2,180
38	43	96 650	9 653,849	138 291,057	14,325	13,857	88	93	3 853	18,574	46,399	2,498	2,030
39	44	96 445	9 066,696	128 637,208	14,188	13,720	89	94	2 602	11,803	27,824	2,357	1,889
40	45	96 226	8 513,991	119 570,513	14,044	13,576	90	95	1 677	7,161	16,021	2,237	1,769
41	46	95 980	7 992,731	111 056,522	13,895	13,426	91	96	1 043	4,193	8,860	2,113	1,645
42	47	95 714	7 501,682	103 063,791	13,739	13,270	92	97	614	2,322	4,668	2,010	1,542
43	48	95 411	7 038,082	95 562,109	13,578	13,110	93	98	344	1,225	2,346	1,915	1,447
44	49	95 072	6 600,571	88 524,027	13,412	12,943	94	99	183	0,613	1,121	1,829	1,361
45	50	94 688	6 187,186	81 923,456	13,241	12,772	95	100	92	0,290	0,508	1,751	1,282
46	51	94 270	5 797,536	75 736,269	13,064	12,595							
47	52	93 807	5 429,689	69 938,734	12,881	12,412							
48	53	93 279	5 081,555	64 509,044	12,695	12,226							
49	54	92 701	4 752,968	59 427,489	12,503	12,035							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß   6,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	6	99 610	99 610,498	1 649 852,298	16,563	16,095	50	56	91 747	4 427,382	54 034,008	12,205	11,736
1	7	99 217	93 380,312	1 550 241,800	16,601	16,133	51	57	91 036	4 134,621	49 606,625	11,998	11,530
2	8	99 176	87 851,054	1 456 861,488	16,583	16,115	52	58	90 243	3 857,519	45 472,004	11,788	11,320
3	9	99 150	82 661,651	1 369 010,434	16,562	16,093	53	59	89 395	3 596,492	41 614,485	11,571	11,102
4	10	99 129	77 783,016	1 286 348,783	16,538	16,069	54	60	88 482	3 350,355	38 017,992	11,347	10,879
5	11	99 109	73 192,628	1 208 565,768	16,512	16,044	55	61	87 460	3 116,858	34 667,638	11,123	10,654
6	12	99 090	68 874,228	1 135 373,140	16,485	16,016	56	62	86 369	2 896,921	31 550,780	10,891	10,423
7	13	99 072	64 810,737	1 066 498,912	16,456	15,987	57	63	85 198	2 689,567	28 653,859	10,654	10,185
8	14	99 055	60 987,851	1 001 688,175	16,424	15,956	58	64	83 944	2 494,074	25 964,292	10,410	9,942
9	15	99 036	57 389,328	940 700,324	16,392	15,923	59	65	82 594	2 309,620	23 470,218	10,162	9,694
10	16	99 015	54 002,450	883 310,996	16,357	15,889	60	66	81 167	2 136,201	21 160,598	9,906	9,437
11	17	98 991	50 813,473	829 308,546	16,321	15,852	61	67	79 636	1 972,629	19 024,397	9,644	9,176
12	18	98 967	47 812,667	778 495,074	16,282	15,814	62	68	78 028	1 819,097	17 051,768	9,374	8,905
13	19	98 933	44 984,872	730 682,407	16,243	15,774	63	69	76 344	1 675,140	15 232,671	9,093	8,625
14	20	98 902	42 325,264	685 697,535	16,201	15,732	64	70	74 578	1 540,134	13 557,532	8,803	8,334
15	21	98 865	39 820,722	643 372,271	16,157	15,688	65	71	72 673	1 412,521	12 017,397	8,508	8,039
16	22	98 827	37 463,812	603 551,549	16,110	15,642	66	72	70 657	1 292,550	10 604,876	8,205	7,736
17	23	98 779	35 242,994	566 087,737	16,062	15,594	67	73	68 483	1 179,074	9 312,326	7,898	7,430
18	24	98 723	33 151,059	530 844,743	16,013	15,545	68	74	66 164	1 072,152	8 133,252	7,586	7,118
19	25	98 656	31 179,671	497 693,684	15,962	15,494	69	75	63 690	971,345	7 061,099	7,269	6,801
20	26	98 586	29 324,779	466 514,013	15,909	15,440	70	76	61 018	875,855	6 089,754	6,953	6,485
21	27	98 509	27 578,419	437 189,234	15,853	15,384	71	77	58 168	785,835	5 213,899	6,635	6,166
22	28	98 430	25 935,162	409 610,815	15,794	15,325	72	78	55 146	701,179	4 428,064	6,315	5,847
23	29	98 352	24 390,425	383 675,653	15,731	15,262	73	79	51 930	621,454	3 726,885	5,997	5,529
24	30	98 273	22 937,110	359 285,228	15,664	15,196	74	80	48 551	546,838	3 105,431	5,679	5,211
25	31	98 190	21 569,682	336 348,118	15,594	15,125	75	81	44 948	476,472	2 558,593	5,370	4,902
26	32	98 106	20 283,596	314 778,436	15,519	15,051	76	82	41 206	411,113	2 082,121	5,065	4,596
27	33	98 015	19 072,588	294 494,841	15,441	14,972	77	83	37 313	350,378	1 671,008	4,769	4,301
28	34	97 917	17 932,750	275 422,253	15,359	14,890	78	84	33 339	294,639	1 320,630	4,482	4,014
29	35	97 816	16 860,575	257 489,503	15,272	14,803	79	85	29 294	243,665	1 025,991	4,211	3,742
30	36	97 713	15 852,033	240 628,928	15,180	14,711	80	86	25 288	197,974	782,325	3,952	3,483
31	37	97 604	14 902,928	224 776,895	15,083	14,614	81	87	21 416	157,793	584,352	3,703	3,235
32	38	97 483	14 008,794	209 873,966	14,982	14,513	82	88	17 705	122,780	426,559	3,474	3,006
33	39	97 357	13 167,721	195 865,172	14,875	14,406	83	89	14 292	93,279	303,779	3,257	2,788
34	40	97 218	12 375,496	182 697,452	14,763	14,294	84	90	11 191	68,743	210,499	3,062	2,594
35	41	97 072	11 630,068	170 321,956	14,645	14,177	85	91	8 530	49,315	141,756	2,875	2,406
36	42	96 913	10 927,986	158 691,887	14,522	14,053	86	92	6 252	34,020	92,442	2,717	2,249
37	43	96 741	10 266,957	147 763,901	14,392	13,924	87	93	4 456	22,821	58,421	2,560	2,092
38	44	96 551	9 643,964	137 496,944	14,257	13,789	88	94	3 055	14,725	35,600	2,418	1,949
39	45	96 336	9 056,512	127 852,980	14,117	13,649	89	95	2 014	9,137	20,875	2,285	1,816
40	46	96 103	8 503,185	118 796,468	13,971	13,502	90	96	1 266	5,406	11,738	2,171	1,703
41	47	95 845	7 981,468	110 293,283	13,819	13,350	91	97	767	3,083	6,332	2,054	1,586
42	48	95 557	7 489,416	102 311,815	13,661	13,192	92	98	439	1,661	3,249	1,957	1,488
43	49	95 242	7 025,635	94 822,399	13,497	13,028	93	99	239	0,851	1,589	1,867	1,398
44	50	94 877	6 586,990	87 796,763	13,329	12,860	94	100	123	0,413	0,738	1,785	1,317
45	51	94 480	6 173,556	81 209,774	13,154	12,686							
46	52	94 040	5 783,350	75 036,218	12,975	12,506							
47	53	93 549	5 414,783	69 252,868	12,790	12,321							
48	54	92 999	5 066,277	63 838,085	12,601	12,132							
49	55	92 405	4 737,800	58 771,808	12,405	11,937							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß   6,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	7	99 602	99 601,823	1 648 707,159	16,553	16,085	50	57	91 401	4 410,681	53 348,193	12,095	11,627
1	8	99 208	93 372,297	1 549 105,336	16,591	16,122	51	58	90 672	4 118,097	48 937,512	11,884	11,415
2	9	99 168	87 844,584	1 455 733,038	16,572	16,103	52	59	89 845	3 840,499	44 819,415	11,670	11,202
3	10	99 143	82 655,948	1 367 888,454	16,549	16,081	53	60	88 973	3 579,510	40 978,916	11,448	10,980
4	11	99 122	77 777,495	1 285 232,506	16,524	16,056	54	61	88 005	3 332,298	37 399,407	11,223	10,755
5	12	99 101	73 186,775	1 207 455,010	16,498	16,030	55	62	86 957	3 098,946	34 067,108	10,993	10,525
6	13	99 082	68 868,684	1 134 268,236	16,470	16,002	56	63	85 824	2 878,648	30 968,162	10,758	10,290
7	14	99 063	64 804,931	1 065 399,552	16,440	15,972	57	64	84 624	2 671,445	28 089,514	10,515	10,046
8	15	99 044	60 981,241	1 000 594,621	16,408	15,940	58	65	83 327	2 475,744	25 418,068	10,267	9,798
9	16	99 023	57 382,109	939 613,380	16,375	15,906	59	66	81 949	2 291,582	22 942,325	10,012	9,543
10	17	99 000	53 994,140	882 231,271	16,339	15,871	60	67	80 472	2 117,927	20 650,743	9,750	9,282
11	18	98 975	50 805,319	828 237,131	16,302	15,834	61	68	78 909	1 954,611	18 532,815	9,482	9,013
12	19	98 944	47 801,746	777 431,812	16,264	15,795	62	69	77 270	1 801,432	16 578,201	9,203	8,734
13	20	98 913	44 975,581	729 630,066	16,223	15,754	63	70	75 533	1 657,347	14 776,769	8,916	8,448
14	21	98 880	42 315,868	684 654,485	16,180	15,711	64	71	73 713	1 522,261	13 119,421	8,618	8,150
15	22	98 844	39 812,388	642 338,617	16,134	15,666	65	72	71 738	1 394,332	11 597,160	8,317	7,849
16	23	98 805	37 455,408	602 526,229	16,086	15,618	66	73	69 634	1 273,837	10 202,828	8,010	7,541
17	24	98 756	35 234,938	565 070,822	16,037	15,569	67	74	67 369	1 159,901	8 928,991	7,698	7,230
18	25	98 703	33 144,358	529 835,884	15,986	15,517	68	75	64 933	1 052,202	7 769,090	7,384	6,915
19	26	98 634	31 172,812	496 691,526	15,933	15,465	69	76	62 323	950,502	6 716,888	7,067	6,598
20	27	98 562	29 317,839	465 518,714	15,878	15,410	70	77	59 524	854,403	5 766,386	6,749	6,281
21	28	98 483	27 571,010	436 200,875	15,821	15,353	71	78	56 556	764,049	4 911,983	6,429	5,961
22	29	98 405	25 928,604	408 629,865	15,760	15,291	72	79	53 377	678,693	4 147,934	6,112	5,643
23	30	98 324	24 383,427	382 701,261	15,695	15,227	73	80	50 045	598,892	3 469,241	5,793	5,324
24	31	98 245	22 930,618	358 317,834	15,626	15,158	74	81	46 523	523,999	2 870,349	5,478	5,009
25	32	98 160	21 563,167	335 387,216	15,554	15,085	75	82	42 809	453,797	2 346,350	5,170	4,702
26	33	98 072	20 276,406	313 824,049	15,477	15,009	76	83	38 934	388,443	1 892,553	4,872	4,404
27	34	97 979	19 065,614	293 547,643	15,397	14,928	77	84	34 973	328,405	1 504,111	4,580	4,112
28	35	97 875	17 925,132	274 482,029	15,313	14,844	78	85	30 928	273,332	1 175,705	4,301	3,833
29	36	97 777	16 853,868	256 556,897	15,222	14,754	79	86	26 870	223,501	902,374	4,037	3,569
30	37	97 667	15 844,500	239 703,028	15,128	14,660	80	87	22 906	179,320	678,873	3,786	3,317
31	38	97 552	14 894,975	223 858,528	15,029	14,561	81	88	19 096	140,705	499,553	3,550	3,082
32	39	97 428	14 000,995	208 963,553	14,925	14,457	82	89	15 540	107,766	358,848	3,330	2,862
33	40	97 292	13 159,009	194 962,558	14,816	14,348	83	90	12 269	80,079	251,082	3,135	2,667
34	41	97 149	12 366,756	181 803,548	14,701	14,233	84	91	9 458	58,102	171,003	2,943	2,475
35	42	96 994	11 620,747	169 436,792	14,581	14,112	85	92	7 014	40,552	112,901	2,784	2,316
36	43	96 827	10 918,259	157 816,045	14,454	13,986	86	93	5 069	27,583	72,349	2,623	2,155
37	44	96 642	10 256,444	146 897,786	14,322	13,854	87	94	3 533	18,092	44,766	2,474	2,006
38	45	96 442	9 633,133	136 641,342	14,185	13,716	88	95	2 365	11,399	26,674	2,340	1,872
39	46	96 214	9 045,017	127 008,209	14,042	13,573	89	96	1 521	6,898	15,276	2,215	1,746
40	47	95 968	8 491,203	117 963,192	13,892	13,424	90	97	931	3,975	8,378	2,108	1,639
41	48	95 688	7 968,417	109 471,989	13,738	13,270	91	98	549	2,205	4,403	1,997	1,528
42	49	95 388	7 476,172	101 503,571	13,577	13,109	92	99	305	1,154	2,198	1,905	1,436
43	50	95 046	7 011,179	94 027,400	13,411	12,943	93	100	161	0,574	1,044	1,820	1,351
44	51	94 668	6 572,479	87 016,221	13,239	12,771							
45	52	94 248	6 158,450	80 443,742	13,062	12,594							
46	53	93 781	5 767,473	74 285,292	12,880	12,412							
47	54	93 268	5 398,503	68 517,819	12,692	12,224							
48	55	92 702	5 050,109	63 119,316	12,499	12,030							
49	56	92 077	4 721,013	58 069,206	12,300	11,832							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß   6,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	8	99 593	99 593,274	1 647 476,669	16,542	16,074	50	58	91 036	4 393,054	52 614,828	11,977	11,508
1	9	99 201	93 365,421	1 547 883,394	16,579	16,110	51	59	90 272	4 099,927	48 221,774	11,762	11,293
2	10	99 161	87 838,524	1 454 517,973	16,559	16,091	52	60	89 420	3 822,364	44 121,848	11,543	11,075
3	11	99 136	82 650,082	1 366 679,449	16,536	16,067	53	61	88 493	3 560,218	40 299,484	11,319	10,851
4	12	99 114	77 771,276	1 284 029,367	16,510	16,042	54	62	87 499	3 313,149	36 739,266	11,089	10,621
5	13	99 093	73 180,883	1 206 258,091	16,483	16,015	55	63	86 409	3 079,399	33 426,117	10,855	10,386
6	14	99 073	68 862,515	1 133 077,208	16,454	15,986	56	64	85 246	2 859,252	30 346,718	10,614	10,145
7	15	99 052	64 797,907	1 064 214,693	16,424	15,955	57	65	84 002	2 651,812	27 487,465	10,366	9,897
8	16	99 031	60 973,570	999 416,786	16,391	15,923	58	66	82 676	2 456,408	24 835,654	10,111	9,642
9	17	99 008	57 373,280	938 443,216	16,357	15,888	59	67	81 248	2 271,979	22 379,245	9,850	9,382
10	18	98 984	53 985,476	881 069,936	16,320	15,852	60	68	79 738	2 098,586	20 107,266	9,581	9,113
11	19	98 953	50 793,714	827 084,461	16,283	15,815	61	69	78 143	1 935,634	18 008,680	9,304	8,835
12	20	98 924	47 791,873	776 290,747	16,243	15,775	62	70	76 450	1 782,299	16 073,047	9,018	8,550
13	21	98 891	44 965,597	728 498,874	16,201	15,733	63	71	74 656	1 638,114	14 290,748	8,724	8,256
14	22	98 859	42 307,012	683 533,277	16,157	15,688	64	72	72 763	1 502,659	12 652,634	8,420	7,952
15	23	98 822	39 803,457	641 226,265	16,110	15,641	65	73	70 699	1 374,145	11 149,975	8,114	7,646
16	24	98 782	37 446,846	601 422,808	16,061	15,592	66	74	68 502	1 253,123	9 775,830	7,801	7,333
17	25	98 736	35 227,815	563 975,962	16,009	15,541	67	75	66 115	1 138,318	8 522,707	7,487	7,019
18	26	98 681	33 137,067	528 748,147	15,956	15,488	68	76	63 540	1 029,624	7 384,389	7,172	6,704
19	27	98 610	31 165,434	495 611,080	15,903	15,434	69	77	60 797	927,222	6 354,765	6,854	6,385
20	28	98 536	29 309,963	464 445,646	15,846	15,378	70	78	57 873	830,716	5 427,543	6,534	6,065
21	29	98 458	27 564,038	435 135,682	15,786	15,318	71	79	54 742	739,547	4 596,827	6,216	5,747
22	30	98 376	25 921,165	407 571,645	15,724	15,255	72	80	51 439	654,053	3 857,280	5,898	5,429
23	31	98 296	24 376,525	381 650,480	15,656	15,188	73	81	47 955	573,879	3 203,227	5,582	5,113
24	32	98 215	22 923,692	357 273,955	15,585	15,117	74	82	44 309	499,061	2 629,349	5,269	4,800
25	33	98 126	21 555,524	334 350,262	15,511	15,043	75	83	40 448	428,773	2 130,287	4,968	4,500
26	34	98 036	20 268,992	312 794,739	15,432	14,964	76	84	36 492	364,083	1 701,515	4,673	4,205
27	35	97 937	19 057,516	292 525,747	15,350	14,881	77	85	32 444	304,656	1 337,432	4,390	3,922
28	36	97 836	17 918,002	273 468,231	15,262	14,794	78	86	28 368	250,712	1 032,775	4,119	3,651
29	37	97 731	16 845,859	255 550,229	15,170	14,702	79	87	24 338	202,442	782,063	3,863	3,395
30	38	97 615	15 836,044	238 704,369	15,073	14,605	80	88	20 425	159,901	579,621	3,625	3,157
31	39	97 498	14 886,683	222 868,325	14,971	14,503	81	89	16 761	123,499	419,720	3,399	2,930
32	40	97 364	13 991,733	207 981,642	14,865	14,396	82	90	13 341	92,515	296,221	3,202	2,734
33	41	97 224	13 149,716	193 989,909	14,752	14,284	83	91	10 370	67,683	203,706	3,010	2,541
34	42	97 071	12 356,844	180 840,193	14,635	14,166	84	92	7 778	47,778	136,023	2,847	2,379
35	43	96 908	11 610,403	168 483,349	14,511	14,043	85	93	5 687	32,879	88,245	2,684	2,216
36	44	96 728	10 907,080	156 872,946	14,383	13,914	86	94	4 018	21,866	55,367	2,532	2,064
37	45	96 534	10 244,925	145 965,866	14,248	13,779	87	95	2 735	14,005	33,500	2,392	1,924
38	46	96 320	9 620,906	135 720,941	14,107	13,639	88	96	1 785	8,605	19,495	2,265	1,797
39	47	96 078	9 032,272	126 100,035	13,961	13,493	89	97	1 118	5,072	10,890	2,147	1,679
40	48	95 811	8 477,319	117 067,763	13,810	13,341	90	98	666	2,843	5,818	2,046	1,578
41	49	95 519	7 954,326	108 590,444	13,652	13,183	91	99	381	1,532	2,975	1,942	1,473
42	50	95 192	7 460,788	100 636,119	13,489	13,020	92	100	206	0,778	1,443	1,855	1,387
43	51	94 837	6 995,733	93 175,330	13,319	12,851							
44	52	94 436	6 556,397	86 179,597	13,144	12,676							
45	53	93 990	6 141,543	79 623,200	12,965	12,496							
46	54	93 499	5 750,133	73 481,657	12,779	12,311							
47	55	92 971	5 381,275	67 731,524	12,587	12,118							
48	56	92 374	5 032,216	62 350,249	12,390	11,922							
49	57	91 730	4 703,204	57 318,033	12,187	11,719							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß   6,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	9	99 586	99 585,940	1 646 154,970	16,530	16,062	50	59	90 634	4 373,670	51 831,578	11,851	11,382
1	10	99 194	93 358,980	1 546 569,030	16,566	16,097	51	60	89 846	4 080,567	47 457,908	11,630	11,162
2	11	99 154	87 832,290	1 453 210,050	16,545	16,077	52	61	88 939	3 801,764	43 377,341	11,410	10,941
3	12	99 128	82 643,473	1 365 377,760	16,521	16,053	53	62	87 985	3 539,759	39 575,577	11,180	10,712
4	13	99 106	77 765,015	1 282 734,287	16,495	16,027	54	63	86 947	3 292,250	36 035,818	10,946	10,477
5	14	99 084	73 174,328	1 204 969,272	16,467	15,999	55	64	85 827	3 058,651	32 743,568	10,705	10,237
6	15	99 063	68 855,051	1 131 794,944	16,437	15,969	56	65	84 619	2 838,238	29 684,917	10,459	9,991
7	16	99 040	64 789,756	1 062 939,892	16,406	15,938	57	66	83 346	2 631,101	26 846,679	10,204	9,735
8	17	99 016	60 964,188	998 150,136	16,373	15,904	58	67	81 969	2 435,396	24 215,577	9,943	9,475
9	18	98 992	57 364,073	937 185,949	16,338	15,869	59	68	80 506	2 251,231	21 780,182	9,675	9,206
10	19	98 962	53 973,145	879 821,876	16,301	15,833	60	69	78 963	2 078,207	19 528,951	9,397	8,929
11	20	98 932	50 783,223	825 848,731	16,262	15,794	61	70	77 313	1 915,074	17 450,744	9,112	8,644
12	21	98 902	47 781,264	775 065,508	16,221	15,753	62	71	75 562	1 761,615	15 535,669	8,819	8,351
13	22	98 870	44 956,186	727 284,244	16,178	15,709	63	72	73 695	1 617,020	13 774,054	8,518	8,050
14	23	98 837	42 297,521	682 328,059	16,132	15,663	64	73	71 710	1 480,904	12 157,034	8,209	7,741
15	24	98 800	39 794,358	640 030,537	16,083	15,615	65	74	69 549	1 351,800	10 676,130	7,898	7,429
16	25	98 762	37 439,277	600 236,179	16,032	15,564	66	75	67 227	1 229,805	9 324,330	7,582	7,114
17	26	98 715	35 220,066	562 796,902	15,979	15,511	67	76	64 697	1 113,892	8 094,525	7,267	6,799
18	27	98 658	33 129,225	527 576,836	15,925	15,456	68	77	61 984	1 004,406	6 980,633	6,950	6,482
19	28	98 584	31 157,062	494 447,611	15,870	15,401	69	78	59 111	901,516	5 976,227	6,629	6,161
20	29	98 511	29 302,551	463 290,550	15,811	15,342	70	79	56 017	804,076	5 074,711	6,311	5,843
21	30	98 430	27 556,129	433 987,998	15,749	15,281	71	80	52 755	712,697	4 270,635	5,992	5,524
22	31	98 349	25 913,828	406 431,869	15,684	15,216	72	81	49 291	626,736	3 557,938	5,677	5,209
23	32	98 267	24 369,163	380 518,041	15,615	15,146	73	82	45 673	546,567	2 931,202	5,363	4,895
24	33	98 180	22 915,567	356 148,878	15,542	15,073	74	83	41 866	471,541	2 384,635	5,057	4,589
25	34	98 090	21 547,642	333 233,312	15,465	14,997	75	84	37 911	401,884	1 913,094	4,760	4,292
26	35	97 994	20 260,382	311 685,669	15,384	14,916	76	85	33 853	337,754	1 511,210	4,474	4,006
27	36	97 898	19 049,935	291 425,287	15,298	14,830	77	86	29 759	279,445	1 173,456	4,199	3,731
28	37	97 790	17 909,488	272 375,352	15,208	14,740	78	87	25 695	227,090	894,011	3,937	3,468
29	38	97 679	16 836,869	254 465,864	15,114	14,645	79	88	21 702	180,519	666,922	3,694	3,226
30	39	97 560	15 827,228	237 628,995	15,014	14,546	80	89	17 927	140,347	486,403	3,466	2,997
31	40	97 433	14 876,834	221 801,767	14,909	14,441	81	90	14 389	106,021	346,055	3,264	2,796
32	41	97 295	13 981,851	206 924,933	14,800	14,331	82	91	11 276	78,194	240,034	3,070	2,601
33	42	97 146	13 139,177	192 943,081	14,685	14,216	83	92	8 527	55,657	161,840	2,908	2,439
34	43	96 985	12 345,846	179 803,904	14,564	14,096	84	93	6 306	38,737	106,183	2,741	2,273
35	44	96 809	11 598,515	167 458,059	14,438	13,970	85	94	4 508	26,064	67,446	2,588	2,119
36	45	96 619	10 894,829	155 859,544	14,306	13,837	86	95	3 111	16,927	41,381	2,445	1,976
37	46	96 411	10 231,922	144 964,714	14,168	13,700	87	96	2 065	10,573	24,454	2,313	1,845
38	47	96 184	9 607,349	134 732,793	14,024	13,556	88	97	1 313	6,327	13,881	2,194	1,725
39	48	95 921	9 017,503	125 125,444	13,876	13,407	89	98	800	3,628	7,554	2,082	1,614
40	49	95 642	8 462,327	116 107,941	13,721	13,252	90	99	463	1,975	3,926	1,988	1,519
41	50	95 322	7 937,959	107 645,613	13,561	13,093	91	100	257	1,033	1,951	1,889	1,421
42	51	94 982	7 444,352	99 707,655	13,394	12,925							
43	52	94 605	6 978,616	92 263,303	13,221	12,753							
44	53	94 177	6 538,397	85 284,686	13,044	12,575							
45	54	93 707	6 123,078	78 746,289	12,861	12,392							
46	55	93 201	5 731,783	72 623,211	12,670	12,202							
47	56	92 641	5 362,209	66 891,428	12,475	12,006							
48	57	92 025	5 013,234	61 529,219	12,273	11,805							
49	58	91 363	4 684,408	56 515,986	12,065	11,596							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß   6,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	10	99 579	99 579,070	1 644 734,765	16,517	16,049	50	60	90 206	4 353,018	50 996,934	11,715	11,247
1	11	99 187	93 352,355	1 545 155,695	16,552	16,084	51	61	89 361	4 058,575	46 643,917	11,493	11,024
2	12	99 146	87 825,267	1 451 803,341	16,531	16,062	52	62	88 427	3 779,916	42 585,341	11,266	10,798
3	13	99 120	82 636,820	1 363 978,074	16,506	16,037	53	63	87 430	3 517,431	38 805,425	11,032	10,564
4	14	99 097	77 758,049	1 281 341,254	16,479	16,010	54	64	86 361	3 270,068	35 287,994	10,791	10,323
5	15	99 073	73 166,397	1 203 583,205	16,450	15,982	55	65	85 196	3 036,171	32 017,926	10,545	10,077
6	16	99 050	68 846,390	1 130 416,808	16,419	15,951	56	66	83 958	2 816,072	28 981,755	10,292	9,823
7	17	99 024	64 779,787	1 061 570,418	16,387	15,919	57	67	82 633	2 608,594	26 165,683	10,031	9,562
8	18	99 000	60 954,405	996 790,631	16,353	15,885	58	68	81 220	2 413,155	23 557,088	9,762	9,294
9	19	98 969	57 350,970	935 836,227	16,318	15,849	59	69	79 724	2 229,370	21 143,934	9,484	9,016
10	20	98 941	53 961,997	878 485,256	16,280	15,811	60	70	78 125	2 056,133	18 914,563	9,199	8,731
11	21	98 910	50 771,950	824 523,259	16,240	15,771	61	71	76 416	1 892,850	16 858,430	8,906	8,438
12	22	98 881	47 771,264	773 751,310	16,197	15,729	62	72	74 589	1 738,931	14 965,580	8,606	8,138
13	23	98 848	44 946,101	725 980,046	16,152	15,684	63	73	72 628	1 593,609	13 226,649	8,300	7,831
14	24	98 815	42 287,853	681 033,945	16,105	15,636	64	74	70 544	1 456,823	11 633,040	7,985	7,517
15	25	98 780	39 786,314	638 746,092	16,054	15,586	65	75	68 255	1 326,646	10 176,217	7,671	7,202
16	26	98 740	37 431,041	598 959,778	16,002	15,533	66	76	65 785	1 203,416	8 849,571	7,354	6,885
17	27	98 691	35 211,731	561 528,737	15,947	15,479	67	77	63 112	1 086,610	7 646,155	7,037	6,568
18	28	98 631	33 120,325	526 317,007	15,891	15,423	68	78	60 265	976,560	6 559,545	6,717	6,249
19	29	98 559	31 149,183	493 196,682	15,833	15,365	69	79	57 216	872,606	5 582,985	6,398	5,930
20	30	98 483	29 294,144	462 047,499	15,773	15,304	70	80	53 984	774,883	4 710,379	6,079	5,610
21	31	98 402	27 548,330	432 753,355	15,709	15,241	71	81	50 551	682,931	3 935,496	5,763	5,294
22	32	98 319	25 906,002	405 205,025	15,641	15,173	72	82	46 945	596,909	3 252,565	5,449	4,981
23	33	98 232	24 360,525	379 299,024	15,570	15,102	73	83	43 154	516,427	2 655,656	5,142	4,674
24	34	98 145	22 907,188	354 938,499	15,495	15,026	74	84	39 240	441,970	2 139,228	4,840	4,372
25	35	98 048	21 538,489	332 031,311	15,416	14,947	75	85	35 170	372,821	1 697,258	4,552	4,084
26	36	97 955	20 252,324	310 492,822	15,331	14,863	76	86	31 052	309,803	1 324,437	4,275	3,807
27	37	97 852	19 040,883	290 240,498	15,243	14,775	77	87	26 955	253,115	1 014,634	4,009	3,540
28	38	97 738	17 899,930	271 199,616	15,151	14,683	78	88	22 913	202,498	761,519	3,761	3,292
29	39	97 624	16 827,496	253 299,686	15,053	14,584	79	89	19 049	158,444	559,022	3,528	3,060
30	40	97 496	15 816,758	236 472,190	14,951	14,482	80	90	15 390	120,486	400,578	3,325	2,856
31	41	97 365	14 866,328	220 655,433	14,843	14,374	81	91	12 162	89,610	280,092	3,126	2,657
32	42	97 217	13 970,645	205 789,105	14,730	14,262	82	92	9 272	64,300	190,482	2,962	2,494
33	43	97 059	13 127,482	191 818,460	14,612	14,144	83	93	6 914	45,125	126,182	2,796	2,328
34	44	96 886	12 333,204	178 690,978	14,489	14,020	84	94	4 999	30,709	81,057	2,640	2,171
35	45	96 700	11 585,488	166 357,774	14,359	13,891	85	95	3 490	20,177	50,348	2,495	2,027
36	46	96 496	10 881,001	154 772,286	14,224	13,756	86	96	2 348	12,779	30,171	2,361	1,893
37	47	96 275	10 217,504	143 891,284	14,083	13,614	87	97	1 518	7,774	17,392	2,237	1,769
38	48	96 027	9 591,640	133 673,781	13,936	13,468	88	98	939	4,526	9,618	2,125	1,657
39	49	95 752	9 001,556	124 082,141	13,785	13,316	89	99	556	2,521	5,092	2,020	1,552
40	50	95 445	8 444,915	115 080,584	13,627	13,159	90	100	312	1,332	2,572	1,931	1,463
41	51	95 112	7 920,471	106 635,670	13,463	12,995							
42	52	94 750	7 426,137	98 715,198	13,293	12,825							
43	53	94 345	6 959,457	91 289,061	13,117	12,649							
44	54	93 894	6 518,739	84 329,604	12,936	12,468							
45	55	93 408	6 103,538	77 810,864	12,748	12,280							
46	56	92 871	5 711,474	71 707,326	12,555	12,087							
47	57	92 292	5 341,981	65 995,852	12,354	11,886							
48	58	91 657	4 993,198	60 653,871	12,147	11,679							
49	59	90 960	4 663,739	55 660,673	11,935	11,466							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß   6,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	11	99 572	99 572,003	1 643 209,178	16,503	16,034	50	61	89 720	4 329,558	50 108,863	11,574	11,105
1	12	99 179	93 344,889	1 543 637,175	16,537	16,069	51	62	88 848	4 035,252	45 779,306	11,345	10,876
2	13	99 139	87 818,197	1 450 292,286	16,515	16,046	52	63	87 870	3 756,074	41 744,054	11,114	10,645
3	14	99 111	82 629,418	1 362 474,089	16,489	16,021	53	64	86 841	3 493,731	37 987,980	10,873	10,405
4	15	99 086	77 749,621	1 279 844,671	16,461	15,993	54	65	85 727	3 246,035	34 494,249	10,627	10,158
5	16	99 061	73 157,193	1 202 095,050	16,432	15,963	55	66	84 530	3 012,459	31 248,214	10,373	9,905
6	17	99 035	68 835,796	1 128 937,857	16,400	15,932	56	67	83 240	2 791,983	28 235,755	10,113	9,645
7	18	99 008	64 769,391	1 060 102,060	16,367	15,899	57	68	81 879	2 584,772	25 443,772	9,844	9,375
8	19	98 978	60 940,482	995 332,669	16,333	15,865	58	69	80 431	2 389,722	22 859,000	9,566	9,097
9	20	98 949	57 339,125	934 392,187	16,296	15,828	59	70	78 877	2 205,691	20 469,279	9,280	8,812
10	21	98 919	53 950,018	877 053,062	16,257	15,788	60	71	77 218	2 032,273	18 263,588	8,987	8,518
11	22	98 890	50 761,324	823 103,044	16,215	15,747	61	72	75 431	1 868,476	16 231,315	8,687	8,219
12	23	98 859	47 760,547	772 341,720	16,171	15,703	62	73	73 509	1 713,755	14 362,839	8,381	7,913
13	24	98 825	44 935,827	724 581,173	16,125	15,656	63	74	71 447	1 567,695	12 649,084	8,069	7,600
14	25	98 795	42 279,305	679 645,346	16,075	15,607	64	75	69 231	1 429,715	11 081,389	7,751	7,282
15	26	98 758	39 777,562	637 366,041	16,023	15,555	65	76	66 791	1 298,179	9 651,675	7,435	6,966
16	27	98 717	37 422,182	597 588,479	15,969	15,500	66	77	64 174	1 173,941	8 353,496	7,116	6,647
17	28	98 665	35 202,271	560 166,297	15,913	15,444	67	78	61 362	1 056,485	7 179,554	6,796	6,327
18	29	98 607	33 111,949	524 964,026	15,854	15,386	68	79	58 333	945,243	6 123,069	6,478	6,009
19	30	98 531	31 140,246	491 852,077	15,795	15,326	69	80	55 138	840,925	5 177,826	6,157	5,689
20	31	98 455	29 285,853	460 711,831	15,732	15,263	70	81	51 729	742,520	4 336,901	5,841	5,372
21	32	98 372	27 540,010	431 425,978	15,665	15,197	71	82	48 145	650,430	3 594,381	5,526	5,058
22	33	98 284	25 896,819	403 885,969	15,596	15,128	72	83	44 357	563,993	2 943,951	5,220	4,751
23	34	98 196	24 351,618	377 989,150	15,522	15,054	73	84	40 448	484,041	2 379,958	4,917	4,448
24	35	98 103	22 897,457	353 637,532	15,444	14,976	74	85	36 403	410,008	1 895,917	4,624	4,156
25	36	98 009	21 529,922	330 740,075	15,362	14,894	75	86	32 259	341,968	1 485,908	4,345	3,877
26	37	97 909	20 242,699	309 210,153	15,275	14,807	76	87	28 126	280,613	1 143,940	4,077	3,608
27	38	97 799	19 030,721	288 967,453	15,184	14,716	77	88	24 036	225,704	863,327	3,825	3,357
28	39	97 683	17 889,964	269 936,732	15,089	14,620	78	89	20 111	177,735	637,622	3,587	3,119
29	40	97 560	16 816,363	252 046,768	14,988	14,520	79	90	16 353	136,022	459,888	3,381	2,913
30	41	97 427	15 805,587	235 230,405	14,883	14,414	80	91	13 008	101,835	323,866	3,180	2,712
31	42	97 287	14 854,413	219 424,817	14,772	14,303	81	92	10 001	73,687	222,031	3,013	2,545
32	43	97 131	13 958,210	204 570,405	14,656	14,188	82	93	7 518	52,133	148,344	2,845	2,377
33	44	96 960	13 114,040	190 612,194	14,535	14,067	83	94	5 481	35,773	96,211	2,690	2,221
34	45	96 777	12 319,352	177 498,154	14,408	13,940	84	95	3 870	23,772	60,438	2,542	2,074
35	46	96 577	11 570,783	165 178,802	14,276	13,807	85	96	2 635	15,232	36,666	2,407	1,939
36	47	96 360	10 865,669	153 608,019	14,137	13,669	86	97	1 727	9,396	21,433	2,281	1,813
37	48	96 118	10 200,797	142 742,350	13,993	13,525	87	98	1 086	5,560	12,037	2,165	1,696
38	49	95 857	9 574,678	132 541,554	13,843	13,375	88	99	652	3,144	6,476	2,060	1,591
39	50	95 555	8 983,034	122 966,876	13,689	13,220	89	100	375	1,699	3,332	1,961	1,493
40	51	95 235	8 426,311	113 983,841	13,527	13,059							
41	52	94 880	7 901,092	105 557,531	13,360	12,892							
42	53	94 490	7 405,750	97 656,439	13,187	12,718							
43	54	94 062	6 938,533	90 250,689	13,007	12,539							
44	55	93 594	6 497,937	83 312,156	12,821	12,353							
45	56	93 077	6 081,912	76 814,219	12,630	12,162							
46	57	92 521	5 689,929	70 732,307	12,431	11,963							
47	58	91 923	5 320,632	65 042,378	12,225	11,756							
48	59	91 253	4 971,166	59 721,746	12,014	11,545							
49	60	90 531	4 641,716	54 750,580	11,795	11,327							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß   6,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	12	99 564	99 564,040	1 641 571,681	16,488	16,019	50	62	89 205	4 304,677	49 166,927	11,422	10,953
1	13	99 171	93 337,375	1 542 007,641	16,521	16,052	51	63	88 287	4 009,799	44 862,249	11,188	10,720
2	14	99 130	87 810,330	1 448 670,266	16,498	16,029	52	64	87 278	3 730,766	40 852,451	10,950	10,482
3	15	99 100	82 620,462	1 360 859,935	16,471	16,003	53	65	86 202	3 468,054	37 121,685	10,704	10,236
4	16	99 074	77 739,841	1 278 239,474	16,443	15,974	54	66	85 057	3 220,683	33 653,630	10,449	9,981
5	17	99 046	73 145,936	1 200 499,632	16,412	15,944	55	67	83 807	2 986,690	30 432,947	10,190	9,721
6	18	99 019	68 824,750	1 127 353,696	16,380	15,912	56	68	82 480	2 766,486	27 446,257	9,921	9,453
7	19	98 986	64 754,597	1 058 528,946	16,347	15,878	57	69	81 084	2 559,672	24 679,771	9,642	9,173
8	20	98 957	60 927,895	993 774,349	16,311	15,842	58	70	79 577	2 364,339	22 120,099	9,356	8,887
9	21	98 927	57 326,396	932 846,453	16,273	15,804	59	71	77 962	2 180,094	19 755,760	9,062	8,594
10	22	98 899	53 938,727	875 520,057	16,232	15,763	60	72	76 224	2 006,103	17 575,666	8,761	8,293
11	23	98 868	50 749,936	821 581,330	16,189	15,720	61	73	74 339	1 841,424	15 569,563	8,455	7,987
12	24	98 836	47 749,630	770 831,394	16,143	15,675	62	74	72 314	1 685,887	13 728,139	8,143	7,675
13	25	98 806	44 926,744	723 081,764	16,095	15,626	63	75	70 118	1 538,524	12 042,251	7,827	7,359
14	26	98 773	42 270,004	678 155,020	16,043	15,575	64	76	67 746	1 399,036	10 503,727	7,508	7,039
15	27	98 735	39 768,148	635 885,016	15,990	15,521	65	77	65 155	1 266,383	9 104,691	7,190	6,721
16	28	98 691	37 412,129	596 116,868	15,934	15,465	66	78	62 394	1 141,395	7 838,308	6,867	6,399
17	29	98 640	35 193,369	558 704,739	15,875	15,407	67	79	59 395	1 022,605	6 696,913	6,549	6,081
18	30	98 578	33 102,449	523 511,370	15,815	15,347	68	80	56 215	910,925	5 674,308	6,229	5,761
19	31	98 503	31 131,432	490 408,921	15,753	15,285	69	81	52 835	805,803	4 763,382	5,911	5,443
20	32	98 425	29 277,008	459 277,489	15,687	15,219	70	82	49 267	707,183	3 957,579	5,596	5,128
21	33	98 337	27 530,247	430 000,481	15,619	15,151	71	83	45 491	614,563	3 250,396	5,289	4,821
22	34	98 248	25 887,350	402 470,233	15,547	15,079	72	84	41 575	528,624	2 635,833	4,986	4,518
23	35	98 154	24 341,274	376 582,884	15,471	15,003	73	85	37 523	449,038	2 107,209	4,693	4,224
24	36	98 064	22 888,350	352 241,610	15,390	14,921	74	86	33 390	376,078	1 658,172	4,409	3,941
25	37	97 962	21 519,691	329 353,260	15,305	14,836	75	87	29 220	309,747	1 282,093	4,139	3,671
26	38	97 856	20 231,896	307 833,569	15,215	14,747	76	88	25 080	250,225	972,346	3,886	3,418
27	39	97 745	19 020,126	287 601,673	15,121	14,653	77	89	21 097	198,104	722,121	3,645	3,177
28	40	97 619	17 878,129	268 581,547	15,023	14,555	78	90	17 265	152,582	524,017	3,434	2,966
29	41	97 491	16 804,487	250 703,418	14,919	14,450	79	91	13 822	114,966	371,435	3,231	2,762
30	42	97 349	15 792,919	233 898,930	14,810	14,342	80	92	10 697	83,740	256,469	3,063	2,594
31	43	97 200	14 841,191	218 106,011	14,696	14,228	81	93	8 108	59,744	172,729	2,891	2,423
32	44	97 031	13 943,918	203 264,820	14,577	14,109	82	94	5 960	41,328	112,985	2,734	2,265
33	45	96 851	13 099,311	189 320,902	14,453	13,984	83	95	4 243	27,692	71,657	2,588	2,119
34	46	96 654	12 303,716	176 221,591	14,323	13,854	84	96	2 922	17,947	43,964	2,450	1,981
35	47	96 441	11 554,479	163 917,875	14,187	13,718	85	97	1 937	11,200	26,018	2,323	1,855
36	48	96 203	10 847,902	152 363,397	14,045	13,577	86	98	1 235	6,721	14,817	2,205	1,736
37	49	95 948	10 182,757	141 515,495	13,898	13,429	87	99	754	3,863	8,097	2,096	1,627
38	50	95 660	9 554,977	131 332,737	13,745	13,277	88	100	440	2,120	4,233	1,997	1,529
39	51	95 344	8 963,245	121 777,761	13,586	13,118							
40	52	95 002	8 405,693	112 814,516	13,421	12,953							
41	53	94 619	7 879,400	104 408,823	13,251	12,783							
42	54	94 206	7 383,484	96 529,423	13,074	12,605							
43	55	93 761	6 916,391	89 145,939	12,889	12,421							
44	56	93 263	6 474,913	82 229,547	12,700	12,231							
45	57	92 726	6 058,970	75 754,634	12,503	12,035							
46	58	92 151	5 667,189	69 695,664	12,298	11,830							
47	59	91 517	5 297,155	64 028,475	12,087	11,619							
48	60	90 822	4 947,692	58 731,319	11,870	11,402							
49	61	90 043	4 616,701	53 783,627	11,650	11,181							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß   6,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	13	99 556	99 556,026	1 639 816,156	16,471	16,003	50	63	88 642	4 277,525	48 169,260	11,261	10,793
1	14	99 162	93 329,014	1 540 260,130	16,504	16,035	51	64	87 692	3 982,781	43 891,735	11,020	10,552
2	15	99 119	87 800,813	1 446 931,116	16,480	16,011	52	65	86 636	3 703,347	39 908,954	10,776	10,308
3	16	99 088	82 610,069	1 359 130,303	16,452	15,984	53	66	85 529	3 440,969	36 205,607	10,522	10,054
4	17	99 059	77 727,879	1 276 520,235	16,423	15,955	54	67	84 330	3 193,133	32 764,637	10,261	9,793
5	18	99 030	73 134,198	1 198 792,355	16,392	15,923	55	68	83 042	2 959,415	29 571,504	9,992	9,524
6	19	98 996	68 809,030	1 125 658,157	16,359	15,891	56	69	81 679	2 739,621	26 612,090	9,714	9,245
7	20	98 965	64 741,223	1 056 849,127	16,324	15,856	57	70	80 223	2 532,484	23 872,469	9,427	8,958
8	21	98 935	60 914,370	992 107,904	16,287	15,819	58	71	78 654	2 336,902	21 339,984	9,132	8,663
9	22	98 906	57 314,398	931 193,534	16,247	15,779	59	72	76 958	2 152,021	19 003,083	8,830	8,362
10	23	98 876	53 926,627	873 879,136	16,205	15,737	60	73	75 120	1 977,059	16 851,062	8,523	8,055
11	24	98 845	50 738,336	819 952,509	16,160	15,692	61	74	73 131	1 811,481	14 874,003	8,211	7,743
12	25	98 817	47 739,978	769 214,173	16,113	15,644	62	75	70 968	1 654,517	13 062,522	7,895	7,427
13	26	98 784	44 916,861	721 474,195	16,062	15,594	63	76	68 613	1 505,511	11 408,005	7,577	7,109
14	27	98 749	42 260,001	676 557,335	16,009	15,541	64	77	66 086	1 364,770	9 902,494	7,256	6,787
15	28	98 708	39 757,465	634 297,334	15,954	15,486	65	78	63 348	1 231,274	8 537,725	6,934	6,466
16	29	98 666	37 402,668	594 539,869	15,896	15,427	66	79	60 394	1 104,793	7 306,451	6,613	6,145
17	30	98 612	35 183,272	557 137,201	15,835	15,367	67	80	57 238	985,479	6 201,658	6,293	5,825
18	31	98 550	33 093,080	521 953,930	15,772	15,304	68	81	53 867	872,880	5 216,179	5,976	5,507
19	32	98 473	31 122,030	488 860,850	15,708	15,240	69	82	50 321	767,455	4 343,299	5,659	5,191
20	33	98 390	29 266,630	457 738,820	15,640	15,172	70	83	46 550	668,186	3 575,844	5,352	4,883
21	34	98 301	27 520,181	428 472,190	15,569	15,101	71	84	42 638	576,022	2 907,658	5,048	4,579
22	35	98 206	25 876,353	400 952,009	15,495	15,027	72	85	38 568	490,396	2 331,636	4,755	4,286
23	36	98 115	24 331,592	375 075,655	15,415	14,947	73	86	34 418	411,878	1 841,239	4,470	4,002
24	37	98 017	22 877,473	350 744,064	15,331	14,863	74	87	30 244	340,643	1 429,362	4,196	3,728
25	38	97 910	21 508,206	327 866,591	15,244	14,775	75	88	26 056	276,204	1 088,719	3,942	3,473
26	39	97 802	20 220,633	306 358,384	15,151	14,682	76	89	22 013	219,626	812,514	3,700	3,231
27	40	97 680	19 007,543	286 137,752	15,054	14,586	77	90	18 111	170,069	592,889	3,486	3,018
28	41	97 550	17 865,503	267 130,208	14,952	14,484	78	91	14 592	128,963	422,820	3,279	2,810
29	42	97 413	16 791,018	249 264,705	14,845	14,377	79	92	11 366	94,538	293,857	3,108	2,640
30	43	97 262	15 778,862	232 473,686	14,733	14,265	80	93	8 673	67,895	199,319	2,936	2,467
31	44	97 100	14 825,995	216 694,824	14,616	14,148	81	94	6 428	47,362	131,424	2,775	2,307
32	45	96 922	13 928,256	201 868,830	14,493	14,025	82	95	4 613	31,993	84,063	2,628	2,159
33	46	96 728	13 082,685	187 940,573	14,366	13,897	83	96	3 203	20,906	52,070	2,491	2,022
34	47	96 518	12 286,379	174 857,888	14,232	13,763	84	97	2 148	13,196	31,163	2,362	1,893
35	48	96 284	11 535,586	162 571,509	14,093	13,625	85	98	1 386	8,011	17,967	2,243	1,775
36	49	96 033	10 828,718	151 035,924	13,948	13,479	86	99	858	4,669	9,956	2,132	1,664
37	50	95 751	10 161,805	140 207,205	13,797	13,329	87	100	509	2,604	5,287	2,030	1,562
38	51	95 449	9 533,517	130 045,400	13,640	13,172							
39	52	95 111	8 941,313	120 511,474	13,478	13,010							
40	53	94 741	8 382,616	111 570,160	13,310	12,841							
41	54	94 335	7 855,710	103 187,544	13,135	12,667							
42	55	93 905	7 359,922	95 331,833	12,953	12,484							
43	56	93 429	6 891,885	87 971,912	12,765	12,296							
44	57	92 911	6 450,489	81 080,026	12,570	12,101							
45	58	92 355	6 034,755	74 629,538	12,367	11,898							
46	59	91 744	5 642,184	68 594,783	12,157	11,689							
47	60	91 085	5 272,142	62 952,599	11,941	11,472							
48	61	90 333	4 921,027	57 680,457	11,721	11,253							
49	62	89 525	4 590,170	52 759,429	11,494	11,026							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß   6,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	14	99 547	99 547,108	1 637 935,266	16,454	15,986	50	64	88 045	4 248,703	47 114,856	11,089	10,621
1	15	99 151	93 318,899	1 538 388,158	16,485	16,017	51	65	87 048	3 953,510	42 866,153	10,843	10,374
2	16	99 106	87 789,768	1 445 069,260	16,461	15,992	52	66	85 960	3 674,424	38 912,642	10,590	10,122
3	17	99 072	82 597,357	1 357 279,491	16,432	15,964	53	67	84 798	3 411,534	35 238,218	10,329	9,861
4	18	99 043	77 715,406	1 274 682,134	16,402	15,934	54	68	83 559	3 163,972	31 826,684	10,059	9,591
5	19	99 007	73 117,494	1 196 966,728	16,370	15,902	55	69	82 236	2 930,677	28 662,711	9,780	9,312
6	20	98 976	68 794,818	1 123 849,234	16,336	15,868	56	70	80 812	2 710,522	25 732,035	9,493	9,025
7	21	98 943	64 726,851	1 055 054,416	16,300	15,832	57	71	79 292	2 503,096	23 021,512	9,197	8,729
8	22	98 915	60 901,621	990 327,565	16,261	15,793	58	72	77 641	2 306,809	20 518,417	8,895	8,426
9	23	98 884	57 301,541	929 425,944	16,220	15,752	59	73	75 844	2 120,865	18 211,608	8,587	8,119
10	24	98 854	53 914,300	872 124,403	16,176	15,708	60	74	73 899	1 944,910	16 090,743	8,273	7,805
11	25	98 825	50 728,080	818 210,103	16,129	15,661	61	75	71 770	1 777,774	14 145,834	7,957	7,489
12	26	98 795	47 729,476	767 482,023	16,080	15,611	62	76	69 446	1 619,015	12 368,060	7,639	7,171
13	27	98 760	44 906,230	719 752,547	16,028	15,560	63	77	66 933	1 468,636	10 749,046	7,319	6,851
14	28	98 723	42 248,647	674 846,316	15,973	15,505	64	78	64 254	1 326,933	9 280,409	6,994	6,526
15	29	98 683	39 747,411	632 597,669	15,915	15,447	65	79	61 317	1 191,789	7 953,476	6,674	6,205
16	30	98 637	37 391,937	592 850,258	15,855	15,387	66	80	58 201	1 064,682	6 761,687	6,351	5,883
17	31	98 584	35 173,314	555 458,321	15,792	15,324	67	81	54 848	944,320	5 697,004	6,033	5,565
18	32	98 521	33 083,085	520 285,008	15,727	15,258	68	82	51 303	831,339	4 752,685	5,717	5,249
19	33	98 438	31 110,998	487 201,923	15,660	15,192	69	83	47 546	725,134	3 921,345	5,408	4,939
20	34	98 354	29 255,929	456 090,925	15,590	15,121	70	84	43 631	626,283	3 196,211	5,103	4,635
21	35	98 259	27 508,491	426 834,996	15,516	15,048	71	85	39 554	534,367	2 569,928	4,809	4,341
22	36	98 167	25 866,061	399 326,505	15,438	14,970	72	86	35 377	449,814	2 035,561	4,525	4,057
23	37	98 069	24 320,029	373 460,444	15,356	14,888	73	87	31 175	373,069	1 585,748	4,251	3,782
24	38	97 965	22 865,264	349 140,414	15,269	14,801	74	88	26 969	303,754	1 212,678	3,992	3,524
25	39	97 856	21 496,232	326 275,151	15,178	14,710	75	89	22 869	242,428	908,924	3,749	3,281
26	40	97 737	20 207,256	304 778,919	15,083	14,614	76	90	18 898	188,545	666,496	3,535	3,067
27	41	97 611	18 994,120	284 571,663	14,982	14,514	77	91	15 308	143,743	477,951	3,325	2,857
28	42	97 471	17 851,184	265 577,543	14,877	14,409	78	92	11 999	106,048	334,208	3,151	2,683
29	43	97 326	16 776,073	247 726,359	14,767	14,298	79	93	9 215	76,649	228,160	2,977	2,508
30	44	97 163	15 762,706	230 950,286	14,652	14,183	80	94	6 875	53,823	151,511	2,815	2,347
31	45	96 991	14 809,343	215 187,580	14,531	14,062	81	95	4 976	36,664	97,688	2,664	2,196
32	46	96 799	13 910,578	200 378,237	14,405	13,936	82	96	3 483	24,153	61,024	2,527	2,058
33	47	96 592	13 064,250	186 467,659	14,273	13,805	83	97	2 355	15,372	36,871	2,399	1,930
34	48	96 360	12 266,289	173 403,409	14,137	13,668	84	98	1 536	9,438	21,499	2,278	1,810
35	49	96 113	11 515,186	161 137,120	13,993	13,525	85	99	963	5,566	12,061	2,167	1,699
36	50	95 835	10 806,437	149 621,934	13,846	13,377	86	100	578	3,148	6,495	2,063	1,595
37	51	95 540	10 139,418	138 815,498	13,691	13,222							
38	52	95 215	9 510,599	128 676,079	13,530	13,061							
39	53	94 850	8 916,766	119 165,480	13,364	12,896							
40	54	94 456	8 357,414	110 248,713	13,192	12,723							
41	55	94 034	7 830,641	101 891,300	13,012	12,544							
42	56	93 572	7 333,844	94 060,659	12,826	12,357							
43	57	93 077	6 865,888	86 726,814	12,632	12,163							
44	58	92 539	6 424,709	79 860,927	12,430	11,962							
45	59	91 948	6 008,128	73 436,218	12,223	11,754							
46	60	91 311	5 615,541	67 428,090	12,007	11,539							
47	61	90 594	5 243,729	61 812,549	11,788	11,320							
48	62	89 814	4 892,748	56 568,820	11,562	11,093							
49	63	88 961	4 561,217	51 676,072	11,329	10,861							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß   6,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	15	99 536	99 536,318	1 635 922,172	16,435	15,967	50	65	87 398	4 217,478	46 002,065	10,907	10,439
1	16	99 139	93 307,160	1 536 385,854	16,466	15,998	51	66	86 368	3 922,634	41 784,587	10,652	10,184
2	17	99 091	87 776,260	1 443 078,694	16,440	15,972	52	67	85 224	3 642,992	37 861,954	10,393	9,925
3	18	99 057	82 584,103	1 355 302,434	16,411	15,943	53	68	84 023	3 380,379	34 218,961	10,123	9,654
4	19	99 020	77 697,655	1 272 718,331	16,380	15,912	54	69	82 748	3 133,248	30 838,582	9,842	9,374
5	20	98 987	73 102,392	1 195 020,676	16,347	15,879	55	70	81 362	2 899,549	27 705,334	9,555	9,087
6	21	98 954	68 779,546	1 121 918,284	16,312	15,843	56	71	79 874	2 679,067	24 805,785	9,259	8,791
7	22	98 923	64 713,304	1 053 138,738	16,274	15,806	57	72	78 271	2 470,863	22 126,718	8,955	8,487
8	23	98 892	60 887,959	988 425,433	16,234	15,765	58	73	76 517	2 273,411	19 655,855	8,646	8,178
9	24	98 862	57 288,443	927 537,474	16,191	15,722	59	74	74 611	2 086,377	17 382,444	8,331	7,863
10	25	98 834	53 903,402	870 249,031	16,145	15,676	60	75	72 523	1 908,720	15 296,067	8,014	7,545
11	26	98 803	50 716,921	816 345,629	16,096	15,628	61	76	70 230	1 739,626	13 387,347	7,696	7,227
12	27	98 771	47 718,180	765 628,708	16,045	15,576	62	77	67 745	1 579,360	11 647,721	7,375	6,907
13	28	98 734	44 894,166	717 910,528	15,991	15,523	63	78	65 077	1 427,920	10 068,361	7,051	6,583
14	29	98 698	42 237,964	673 016,362	15,934	15,466	64	79	62 194	1 284,381	8 640,440	6,727	6,259
15	30	98 655	39 736,007	630 778,398	15,874	15,406	65	80	59 091	1 148,520	7 356,060	6,405	5,936
16	31	98 609	37 381,354	591 042,391	15,811	15,343	66	81	55 770	1 020,215	6 207,539	6,085	5,616
17	32	98 554	35 162,690	553 661,038	15,746	15,277	67	82	52 237	899,379	5 187,324	5,768	5,299
18	33	98 486	33 071,358	518 498,347	15,678	15,210	68	83	48 474	785,496	4 287,945	5,459	4,991
19	34	98 402	31 099,622	485 426,989	15,609	15,140	69	84	44 564	679,660	3 502,449	5,153	4,685
20	35	98 312	29 243,502	454 327,367	15,536	15,068	70	85	40 476	580,993	2 822,790	4,859	4,390
21	36	98 220	27 497,550	425 083,865	15,459	14,991	71	86	36 281	490,146	2 241,797	4,574	4,105
22	37	98 121	25 853,769	397 586,315	15,378	14,910	72	87	32 043	407,431	1 751,651	4,299	3,831
23	38	98 016	24 307,050	371 732,546	15,293	14,825	73	88	27 799	332,669	1 344,220	4,041	3,572
24	39	97 910	22 852,534	347 425,496	15,203	14,735	74	89	23 671	266,609	1 011,551	3,794	3,326
25	40	97 791	21 482,011	324 572,962	15,109	14,641	75	90	19 633	208,120	744,942	3,579	3,111
26	41	97 668	20 192,985	303 090,951	15,010	14,541	76	91	15 973	159,359	536,821	3,369	2,900
27	42	97 533	18 978,896	282 897,966	14,906	14,438	77	92	12 588	118,202	377,462	3,193	2,725
28	43	97 385	17 835,295	263 919,070	14,798	14,329	78	93	9 729	85,981	259,261	3,015	2,547
29	44	97 226	16 758,895	246 083,775	14,684	14,215	79	94	7 305	60,763	173,280	2,852	2,383
30	45	97 053	15 745,002	229 324,879	14,565	14,097	80	95	5 322	41,665	112,516	2,700	2,232
31	46	96 868	14 790,546	213 579,878	14,440	13,972	81	96	3 757	27,679	70,851	2,560	2,091
32	47	96 663	13 890,977	198 789,331	14,311	13,842	82	97	2 561	17,760	43,172	2,431	1,963
33	48	96 434	13 042,888	184 898,355	14,176	13,708	83	98	1 685	10,995	25,412	2,311	1,843
34	49	96 190	12 244,597	171 855,466	14,035	13,567	84	99	1 068	6,558	14,418	2,199	1,730
35	50	95 916	11 491,492	159 610,869	13,889	13,421	85	100	649	3,752	7,860	2,095	1,626
36	51	95 624	10 782,630	148 119,378	13,737	13,268							
37	52	95 306	10 114,609	137 336,748	13,578	13,110							
38	53	94 954	9 484,489	127 222,138	13,414	12,945							
39	54	94 565	8 889,958	117 737,649	13,244	12,776							
40	55	94 155	8 330,743	108 847,691	13,066	12,597							
41	56	93 701	7 802,896	100 516,948	12,882	12,414							
42	57	93 219	7 306,180	92 714,052	12,690	12,221							
43	58	92 705	6 838,448	85 407,873	12,489	12,021							
44	59	92 131	6 396,361	78 569,425	12,283	11,815							
45	60	91 514	5 979,757	72 173,064	12,070	11,601							
46	61	90 819	5 585,277	66 193,307	11,851	11,383							
47	62	90 074	5 213,594	60 608,030	11,625	11,157							
48	63	89 247	4 861,886	55 394,435	11,394	10,925							
49	64	88 361	4 530,484	50 532,549	11,154	10,686							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß   6,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	16	99 524	99 523,797	1 633 770,683	16,416	15,948	50	66	86 715	4 184,540	44 829,969	10,713	10,245
1	17	99 124	93 292,803	1 534 246,885	16,446	15,977	51	67	85 629	3 889,079	40 645,429	10,451	9,983
2	18	99 075	87 762,174	1 440 954,083	16,419	15,950	52	68	84 446	3 609,723	36 756,350	10,183	9,714
3	19	99 034	82 565,240	1 353 191,909	16,389	15,921	53	69	83 207	3 347,554	33 146,627	9,902	9,433
4	20	99 000	77 681,607	1 270 626,669	16,357	15,888	54	70	81 869	3 099,968	29 799,073	9,613	9,144
5	21	98 965	73 086,164	1 192 945,062	16,322	15,854	55	71	80 418	2 865,900	26 699,105	9,316	8,848
6	22	98 933	68 765,151	1 119 858,898	16,285	15,817	56	72	78 845	2 644,569	23 833,205	9,012	8,544
7	23	98 901	64 698,787	1 051 093,746	16,246	15,778	57	73	77 137	2 435,090	21 188,636	8,701	8,233
8	24	98 870	60 874,041	986 394,959	16,204	15,736	58	74	75 272	2 236,443	18 753,546	8,385	7,917
9	25	98 842	57 276,863	925 520,918	16,159	15,690	59	75	73 222	2 047,554	16 517,103	8,067	7,598
10	26	98 812	53 891,544	868 244,055	16,111	15,643	60	76	70 967	1 867,762	14 469,548	7,747	7,279
11	27	98 780	50 704,918	814 352,510	16,061	15,592	61	77	68 510	1 697,018	12 601,786	7,426	6,957
12	28	98 745	47 705,361	763 647,593	16,008	15,539	62	78	65 867	1 535,575	10 904,768	7,101	6,633
13	29	98 709	44 882,814	715 942,232	15,951	15,483	63	79	62 990	1 382,129	9 369,193	6,779	6,310
14	30	98 670	42 225,845	671 059,418	15,892	15,424	64	80	59 936	1 237,750	7 987,064	6,453	5,985
15	31	98 627	39 724,760	628 833,573	15,830	15,361	65	81	56 623	1 100,552	6 749,314	6,133	5,664
16	32	98 580	37 370,063	589 108,813	15,764	15,296	66	82	53 116	971,663	5 648,762	5,814	5,345
17	33	98 519	35 150,226	551 738,749	15,697	15,228	67	83	49 357	849,784	4 677,099	5,504	5,036
18	34	98 450	33 059,266	516 588,523	15,626	15,158	68	84	45 434	736,236	3 827,316	5,198	4,730
19	35	98 360	31 086,412	483 529,257	15,554	15,086	69	85	41 342	630,510	3 091,080	4,903	4,434
20	36	98 273	29 231,870	452 442,845	15,478	15,009	70	86	37 126	532,913	2 460,570	4,617	4,149
21	37	98 174	27 484,483	423 210,975	15,398	14,930	71	87	32 863	443,963	1 927,657	4,342	3,874
22	38	98 068	25 839,971	395 726,493	15,315	14,846	72	88	28 573	363,310	1 483,694	4,084	3,615
23	39	97 962	24 293,518	369 886,521	15,226	14,757	73	89	24 399	291,988	1 120,385	3,837	3,369
24	40	97 846	22 837,416	345 593,004	15,133	14,664	74	90	20 321	228,879	828,397	3,619	3,151
25	41	97 722	21 466,840	322 755,587	15,035	14,567	75	91	16 594	175,904	599,517	3,408	2,940
26	42	97 590	20 176,800	301 288,747	14,932	14,464	76	92	13 134	131,043	423,613	3,233	2,764
27	43	97 446	18 962,003	281 111,947	14,825	14,357	77	93	10 206	95,835	292,570	3,053	2,585
28	44	97 285	17 817,033	262 149,944	14,713	14,245	78	94	7 713	68,161	196,735	2,886	2,418
29	45	97 117	16 740,072	244 332,911	14,596	14,127	79	95	5 655	47,038	128,574	2,733	2,265
30	46	96 930	15 725,018	227 592,838	14,473	14,005	80	96	4 018	31,455	81,536	2,592	2,124
31	47	96 732	14 769,705	211 867,821	14,345	13,876	81	97	2 762	20,352	50,081	2,461	1,992
32	48	96 505	13 868,263	197 098,116	14,212	13,744	82	98	1 832	12,702	29,729	2,340	1,872
33	49	96 263	13 019,823	183 229,853	14,073	13,605	83	99	1 170	7,639	17,026	2,229	1,760
34	50	95 992	12 219,402	170 210,030	13,929	13,461	84	100	720	4,421	9,387	2,124	1,655
35	51	95 704	11 466,176	157 990,628	13,779	13,310							
36	52	95 390	10 756,247	146 524,452	13,622	13,154							
37	53	95 044	10 086,841	135 768,205	13,460	12,992							
38	54	94 669	9 455,974	125 681,364	13,291	12,823							
39	55	94 263	8 861,588	116 225,390	13,116	12,647							
40	56	93 821	8 301,226	107 363,802	12,933	12,465							
41	57	93 347	7 773,462	99 062,576	12,744	12,275							
42	58	92 847	7 276,980	91 289,114	12,545	12,077							
43	59	92 296	6 808,274	84 012,134	12,340	11,871							
44	60	91 696	6 366,157	77 203,860	12,127	11,659							
45	61	91 020	5 947,530	70 837,703	11,910	11,442							
46	62	90 297	5 553,180	64 890,172	11,685	11,217							
47	63	89 505	5 180,709	59 336,992	11,453	10,985							
48	64	88 646	4 829,127	54 156,283	11,215	10,746							
49	65	87 712	4 497,187	49 327,156	10,968	10,500							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß   6,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	17	99 508	99 508,483	1 631 474,108	16,395	15,927	50	67	85 973	4 148,744	43 596,897	10,508	10,040
1	18	99 108	93 277,832	1 531 965,624	16,424	15,955	51	68	84 847	3 853,562	39 448,153	10,237	9,768
2	19	99 053	87 742,128	1 438 687,793	16,397	15,928	52	69	83 626	3 574,671	35 594,591	9,957	9,489
3	20	99 013	82 548,187	1 350 945,665	16,366	15,897	53	70	82 323	3 311,998	32 019,920	9,668	9,200
4	21	98 978	77 664,363	1 268 397,478	16,332	15,863	54	71	80 919	3 063,994	28 707,923	9,369	8,901
5	22	98 944	73 070,868	1 190 733,115	16,296	15,827	55	72	79 382	2 828,995	25 643,929	9,065	8,596
6	23	98 911	68 749,725	1 117 662,247	16,257	15,789	56	73	77 704	2 606,281	22 814,933	8,754	8,285
7	24	98 878	64 683,998	1 048 912,522	16,216	15,748	57	74	75 883	2 395,493	20 208,652	8,436	7,968
8	25	98 850	60 861,736	984 228,523	16,172	15,703	58	75	73 872	2 194,828	17 813,159	8,116	7,648
9	26	98 820	57 264,263	923 366,787	16,125	15,656	59	76	71 651	2 003,618	15 618,331	7,795	7,327
10	27	98 789	53 878,790	866 102,524	16,075	15,607	60	77	69 229	1 822,016	13 614,713	7,472	7,004
11	28	98 753	50 691,296	812 223,734	16,023	15,555	61	78	66 610	1 649,970	11 792,697	7,147	6,679
12	29	98 720	47 693,297	761 532,438	15,967	15,499	62	79	63 754	1 486,331	10 142,727	6,824	6,356
13	30	98 681	44 869,936	713 839,141	15,909	15,441	63	80	60 703	1 331,950	8 656,395	6,499	6,031
14	31	98 642	42 213,894	668 969,204	15,847	15,379	64	81	57 432	1 186,055	7 324,446	6,175	5,707
15	32	98 597	39 712,762	626 755,311	15,782	15,314	65	82	53 928	1 048,176	6 138,391	5,856	5,388
16	33	98 545	37 356,817	587 042,548	15,714	15,246	66	83	50 187	918,081	5 090,215	5,544	5,076
17	34	98 483	35 137,374	549 685,731	15,644	15,176	67	84	46 262	796,492	4 172,134	5,238	4,770
18	35	98 408	33 045,223	514 548,357	15,571	15,103	68	85	42 149	682,995	3 375,641	4,942	4,474
19	36	98 321	31 074,047	481 503,134	15,495	15,027	69	86	37 920	578,332	2 692,647	4,656	4,188
20	37	98 227	29 217,979	450 429,087	15,416	14,948	70	87	33 628	482,701	2 114,315	4,380	3,912
21	38	98 121	27 469,814	421 211,108	15,334	14,865	71	88	29 304	395,885	1 631,614	4,121	3,653
22	39	98 014	25 825,586	393 741,294	15,246	14,778	72	89	25 079	318,882	1 235,729	3,875	3,407
23	40	97 897	24 277,447	367 915,708	15,155	14,686	73	90	20 946	250,667	916,847	3,658	3,189
24	41	97 777	22 821,288	343 638,262	15,058	14,589	74	91	17 176	193,450	666,180	3,444	2,975
25	42	97 644	21 449,635	320 816,974	14,957	14,488	75	92	13 645	144,648	472,731	3,268	2,800
26	43	97 503	20 158,841	299 367,339	14,850	14,382	76	93	10 649	106,246	328,082	3,088	2,620
27	44	97 347	18 942,587	279 208,498	14,740	14,271	77	94	8 091	75,973	221,836	2,920	2,452
28	45	97 176	17 797,022	260 265,911	14,624	14,156	78	95	5 970	52,765	145,863	2,764	2,296
29	46	96 994	16 718,825	242 468,889	14,503	14,034	79	96	4 269	35,511	93,098	2,622	2,153
30	47	96 794	15 702,859	225 750,064	14,376	13,908	80	97	2 954	23,129	57,587	2,490	2,021
31	48	96 574	14 745,554	210 047,204	14,245	13,776	81	98	1 976	14,557	34,458	2,367	1,899
32	49	96 334	13 843,738	195 301,650	14,108	13,639	82	99	1 273	8,826	19,902	2,255	1,787
33	50	96 065	12 993,033	181 457,912	13,966	13,497	83	100	789	5,150	11,076	2,151	1,683
34	51	95 780	12 192,483	168 464,879	13,817	13,349							
35	52	95 470	11 438,121	156 272,396	13,662	13,194							
36	53	95 128	10 726,717	144 834,276	13,502	13,034							
37	54	94 759	10 056,515	134 107,558	13,335	12,867							
38	55	94 366	9 425,798	124 051,044	13,161	12,692							
39	56	93 929	8 830,190	114 625,246	12,981	12,513							
40	57	93 467	8 269,912	105 795,056	12,793	12,324							
41	58	92 974	7 742,395	97 525,144	12,596	12,128							
42	59	92 437	7 244,872	89 782,750	12,393	11,924							
43	60	91 860	6 776,125	82 537,878	12,181	11,712							
44	61	91 202	6 331,848	75 761,753	11,965	11,497							
45	62	90 497	5 913,352	69 429,905	11,741	11,273							
46	63	89 727	5 518,153	63 516,553	11,510	11,042							
47	64	88 902	5 145,802	57 998,401	11,271	10,803							
48	65	87 994	4 793,636	52 852,598	11,026	10,557							
49	66	87 027	4 462,065	48 058,962	10,771	10,302							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß   6,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	18	99 493	99 492,515	1 629 026,504	16,373	15,905	50	68	85 188	4 110,857	42 302,335	10,290	9,822
1	19	99 085	93 256,526	1 529 533,989	16,401	15,933	51	69	84 023	3 816,142	38 191,478	10,008	9,540
2	20	99 032	87 724,006	1 436 277,463	16,373	15,904	52	70	82 738	3 536,702	34 375,336	9,720	9,251
3	21	98 992	82 529,862	1 348 553,457	16,340	15,872	53	71	81 368	3 273,563	30 838,634	9,421	8,952
4	22	98 957	77 648,108	1 266 023,595	16,305	15,836	54	72	79 877	3 024,538	27 565,071	9,114	8,645
5	23	98 922	73 054,476	1 188 375,486	16,267	15,799	55	73	78 233	2 788,038	24 540,533	8,802	8,334
6	24	98 888	68 734,010	1 115 321,011	16,227	15,758	56	74	76 440	2 563,900	21 752,495	8,484	8,016
7	25	98 858	64 670,923	1 046 587,000	16,183	15,715	57	75	74 471	2 350,919	19 188,595	8,162	7,694
8	26	98 828	60 848,348	981 916,077	16,137	15,669	58	76	72 287	2 147,732	16 837,676	7,840	7,371
9	27	98 796	57 250,711	921 067,729	16,088	15,620	59	77	69 896	1 954,544	14 689,945	7,516	7,047
10	28	98 762	53 864,316	863 817,018	16,037	15,569	60	78	67 310	1 771,503	12 735,401	7,189	6,721
11	29	98 728	50 678,477	809 952,702	15,982	15,514	61	79	64 474	1 597,059	10 963,898	6,865	6,397
12	30	98 692	47 679,450	759 274,225	15,925	15,456	62	80	61 440	1 432,369	9 366,840	6,539	6,071
13	31	98 653	44 857,237	711 594,612	15,864	15,395	63	81	58 168	1 276,320	7 934,471	6,217	5,748
14	32	98 612	42 201,144	666 737,375	15,799	15,331	64	82	54 699	1 129,610	6 658,150	5,894	5,426
15	33	98 562	39 698,685	624 536,231	15,732	15,264	65	83	50 954	990,375	5 528,540	5,582	5,114
16	34	98 509	37 343,158	584 837,546	15,661	15,193	66	84	47 040	860,507	4 538,165	5,274	4,805
17	35	98 441	35 122,449	547 494,388	15,588	15,120	67	85	42 916	738,893	3 677,659	4,977	4,509
18	36	98 369	33 032,079	512 371,939	15,511	15,043	68	86	38 661	626,474	2 938,765	4,691	4,223
19	37	98 275	31 059,280	479 339,860	15,433	14,965	69	87	34 348	523,840	2 312,292	4,414	3,946
20	38	98 174	29 202,385	448 280,580	15,351	14,882	70	88	29 987	430,428	1 788,452	4,155	3,687
21	39	98 067	27 454,522	419 078,194	15,264	14,796	71	89	25 720	347,474	1 358,023	3,908	3,440
22	40	97 949	25 808,501	391 623,673	15,174	14,706	72	90	21 530	273,754	1 010,550	3,691	3,223
23	41	97 828	24 260,301	365 815,172	15,079	14,610	73	91	17 704	211,865	736,795	3,478	3,009
24	42	97 698	22 802,997	341 554,871	14,979	14,510	74	92	14 124	159,076	524,931	3,300	2,832
25	43	97 557	21 430,543	318 751,874	14,874	14,405	75	93	11 063	117,277	365,854	3,120	2,651
26	44	97 403	20 138,200	297 321,332	14,764	14,296	76	94	8 442	84,226	248,577	2,951	2,483
27	45	97 237	18 921,312	277 183,132	14,649	14,181	77	95	6 263	58,812	164,351	2,795	2,326
28	46	97 052	17 774,433	258 261,820	14,530	14,062	78	96	4 507	39,835	105,539	2,649	2,181
29	47	96 857	16 695,267	240 487,387	14,405	13,936	79	97	3 139	26,111	65,704	2,516	2,048
30	48	96 635	15 677,183	223 792,120	14,275	13,807	80	98	2 113	16,542	39,593	2,393	1,925
31	49	96 403	14 719,478	208 114,937	14,139	13,670	81	99	1 373	10,114	23,051	2,279	1,811
32	50	96 136	13 815,253	193 395,459	13,999	13,530	82	100	858	5,949	12,937	2,174	1,706
33	51	95 853	12 964,409	179 580,206	13,852	13,383							
34	52	95 546	12 162,650	166 615,797	13,699	13,231							
35	53	95 208	11 406,719	154 453,147	13,541	13,072							
36	54	94 842	10 694,467	143 046,428	13,376	12,907							
37	55	94 456	10 024,422	132 351,961	13,203	12,735							
38	56	94 032	9 392,400	122 327,539	13,024	12,556							
39	57	93 574	8 796,880	112 935,139	12,838	12,370							
40	58	93 093	8 236,861	104 138,258	12,643	12,175							
41	59	92 564	7 708,233	95 901,397	12,441	11,973							
42	60	92 001	7 210,661	88 193,165	12,231	11,763							
43	61	91 365	6 739,606	80 982,503	12,016	11,548							
44	62	90 678	6 295,461	74 242,897	11,793	11,325							
45	63	89 927	5 876,052	67 947,436	11,563	11,095							
46	64	89 123	5 480,972	62 071,384	11,325	10,857							
47	65	88 249	5 107,983	56 590,412	11,079	10,610							
48	66	87 307	4 756,198	51 482,428	10,824	10,356							
49	67	86 283	4 423,895	46 726,230	10,562	10,094							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß   6,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	19	99 470	99 469,790	1 626 419,287	16,351	15,883	50	69	84 361	4 070,938	40 944,948	10,058	9,590
1	20	99 065	93 237,265	1 526 949,498	16,377	15,909	51	70	83 131	3 775,609	36 874,010	9,766	9,298
2	21	99 010	87 704,532	1 433 712,233	16,347	15,879	52	71	81 778	3 495,660	33 098,401	9,468	9,000
3	22	98 971	82 512,589	1 346 007,701	16,313	15,844	53	72	80 320	3 231,408	29 602,742	9,161	8,693
4	23	98 935	77 630,690	1 263 495,111	16,276	15,807	54	73	78 721	2 980,750	26 371,333	8,847	8,379
5	24	98 899	73 037,777	1 185 864,422	16,236	15,768	55	74	76 961	2 742,701	23 390,583	8,528	8,060
6	25	98 868	68 720,117	1 112 826,645	16,194	15,725	56	75	75 018	2 516,192	20 647,882	8,206	7,738
7	26	98 836	64 656,697	1 044 106,528	16,148	15,680	57	76	72 873	2 300,473	18 131,690	7,882	7,413
8	27	98 805	60 833,947	979 449,831	16,100	15,632	58	77	70 516	2 095,128	15 831,217	7,556	7,088
9	28	98 770	57 235,330	918 615,884	16,050	15,581	59	78	67 958	1 900,357	13 736,089	7,228	6,760
10	29	98 737	53 850,695	861 380,553	15,996	15,527	60	79	65 151	1 714,694	11 835,733	6,903	6,434
11	30	98 700	50 663,937	807 529,858	15,939	15,471	61	80	62 133	1 539,076	10 121,039	6,576	6,108
12	31	98 664	47 666,118	756 865,922	15,878	15,410	62	81	58 874	1 372,545	8 581,963	6,253	5,784
13	32	98 623	44 843,689	709 199,803	15,815	15,347	63	82	55 400	1 215,580	7 209,418	5,931	5,462
14	33	98 577	42 186,185	664 356,115	15,748	15,280	64	83	51 683	1 067,318	5 993,838	5,616	5,147
15	34	98 526	39 684,170	622 169,930	15,678	15,210	65	84	47 759	928,267	4 926,520	5,307	4,839
16	35	98 467	37 327,295	582 485,760	15,605	15,136	66	85	43 638	798,279	3 998,253	5,009	4,540
17	36	98 402	35 108,478	545 158,464	15,528	15,059	67	86	39 365	677,747	3 199,974	4,721	4,253
18	37	98 322	33 016,382	510 049,986	15,448	14,980	68	87	35 018	567,446	2 522,228	4,445	3,977
19	38	98 222	31 042,705	477 033,604	15,367	14,899	69	88	30 628	467,113	1 954,782	4,185	3,716
20	39	98 119	29 186,128	445 990,899	15,281	14,813	70	89	26 320	377,792	1 487,669	3,938	3,469
21	40	98 002	27 436,359	416 804,771	15,192	14,723	71	90	22 080	298,300	1 109,877	3,721	3,252
22	41	97 880	25 790,274	389 368,412	15,097	14,629	72	91	18 197	231,379	811,577	3,508	3,039
23	42	97 749	24 240,857	363 578,138	14,999	14,530	73	92	14 558	174,219	580,198	3,330	2,862
24	43	97 611	22 782,700	339 337,281	14,895	14,426	74	93	11 451	128,975	405,979	3,148	2,679
25	44	97 457	21 408,599	316 554,582	14,786	14,318	75	94	8 770	92,971	277,004	2,979	2,511
26	45	97 294	20 115,582	295 145,982	14,673	14,204	76	95	6 535	65,201	184,033	2,823	2,354
27	46	97 114	18 897,296	275 030,401	14,554	14,086	77	96	4 728	44,400	118,832	2,676	2,208
28	47	96 916	17 749,387	256 133,105	14,431	13,962	78	97	3 314	29,290	74,432	2,541	2,073
29	48	96 699	16 667,968	238 383,718	14,302	13,834	79	98	2 245	18,675	45,142	2,417	1,949
30	49	96 464	15 649,459	221 715,750	14,168	13,699	80	99	1 468	11,494	26,466	2,303	1,834
31	50	96 204	14 689,190	206 066,290	14,028	13,560	81	100	925	6,818	14,973	2,196	1,728
32	51	95 924	13 784,818	191 377,100	13,883	13,415							
33	52	95 619	12 932,688	177 592,282	13,732	13,264							
34	53	95 284	12 129,259	164 659,594	13,575	13,107							
35	54	94 922	11 372,424	152 530,335	13,412	12,944							
36	55	94 539	10 660,339	141 157,911	13,241	12,773							
37	56	94 121	9 988,904	130 497,573	13,064	12,596							
38	57	93 677	9 356,970	120 508,669	12,879	12,411							
39	58	93 200	8 761,723	111 151,698	12,686	12,218							
40	59	92 683	8 200,517	102 389,975	12,486	12,017							
41	60	92 127	7 671,834	94 189,458	12,277	11,809							
42	61	91 505	7 171,800	86 517,624	12,064	11,595							
43	62	90 840	6 700,876	79 345,823	11,841	11,373							
44	63	90 106	6 255,751	72 644,947	11,613	11,144							
45	64	89 321	5 836,460	66 389,196	11,375	10,907							
46	65	88 468	5 440,690	60 552,736	11,130	10,661							
47	66	87 560	5 068,091	55 112,046	10,874	10,406							
48	67	86 560	4 715,513	50 043,955	10,613	10,144							
49	68	85 495	4 383,495	45 328,443	10,341	9,872							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß   6,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	20	99 449	99 449,245	1 623 649,876	16,326	15,858	50	70	83 465	4 027,698	39 523,279	9,813	9,345
1	21	99 043	93 216,567	1 524 200,631	16,351	15,883	51	71	82 166	3 731,794	35 495,581	9,512	9,043
2	22	98 989	87 686,176	1 430 984,064	16,319	15,851	52	72	80 724	3 450,645	31 763,788	9,205	8,737
3	23	98 949	82 494,079	1 343 297,887	16,284	15,815	53	73	79 157	3 184,625	28 313,142	8,891	8,422
4	24	98 912	77 612,945	1 260 803,808	16,245	15,776	54	74	77 440	2 932,279	25 128,517	8,570	8,101
5	25	98 879	73 023,013	1 183 190,863	16,203	15,735	55	75	75 529	2 691,666	22 196,238	8,246	7,778
6	26	98 847	68 705,000	1 110 167,850	16,158	15,690	56	76	73 408	2 462,200	19 504,571	7,922	7,453
7	27	98 813	64 641,395	1 041 462,850	16,111	15,643	57	77	71 088	2 244,128	17 042,372	7,594	7,126
8	28	98 778	60 817,604	976 821,455	16,061	15,593	58	78	68 561	2 037,043	14 798,244	7,265	6,796
9	29	98 745	57 220,857	916 003,851	16,008	15,540	59	79	65 779	1 839,416	12 761,201	6,938	6,469
10	30	98 709	53 835,244	858 782,994	15,952	15,484	60	80	62 786	1 652,440	10 921,785	6,609	6,141
11	31	98 672	50 649,597	804 947,750	15,892	15,424	61	81	59 538	1 474,795	9 269,345	6,285	5,817
12	32	98 634	47 651,722	754 298,152	15,829	15,361	62	82	56 072	1 307,225	7 794,550	5,963	5,494
13	33	98 588	44 827,793	706 646,430	15,764	15,295	63	83	52 345	1 148,547	6 487,324	5,648	5,180
14	34	98 541	42 170,760	661 818,638	15,694	15,225	64	84	48 442	1 000,385	5 338,777	5,337	4,868
15	35	98 484	39 667,313	619 647,877	15,621	15,153	65	85	44 305	861,139	4 338,392	5,038	4,570
16	36	98 428	37 312,448	579 980,564	15,544	15,076	66	86	40 027	732,217	3 477,253	4,749	4,281
17	37	98 355	35 091,794	542 668,116	15,464	14,996	67	87	35 656	613,887	2 745,036	4,472	4,003
18	38	98 269	32 998,762	507 576,322	15,382	14,913	68	88	31 226	505,996	2 131,148	4,212	3,743
19	39	98 167	31 025,423	474 577,560	15,296	14,828	69	89	26 883	409,991	1 625,152	3,964	3,496
20	40	98 055	29 166,820	443 552,137	15,207	14,739	70	90	22 595	324,328	1 215,162	3,747	3,278
21	41	97 933	27 416,983	414 385,317	15,114	14,646	71	91	18 663	252,125	890,833	3,533	3,065
22	42	97 801	25 769,604	386 968,335	15,016	14,548	72	92	14 964	190,266	638,709	3,357	2,889
23	43	97 662	24 219,280	361 198,731	14,914	14,445	73	93	11 803	141,252	448,443	3,175	2,706
24	44	97 511	22 759,372	336 979,451	14,806	14,338	74	94	9 078	102,245	307,191	3,004	2,536
25	45	97 347	21 384,554	314 220,079	14,694	14,225	75	95	6 789	71,971	204,946	2,848	2,379
26	46	97 170	20 090,050	292 835,525	14,576	14,108	76	96	4 934	49,223	132,975	2,701	2,233
27	47	96 977	18 870,668	272 745,475	14,453	13,985	77	97	3 477	32,647	83,752	2,565	2,097
28	48	96 757	17 720,364	253 874,807	14,327	13,858	78	98	2 370	20,949	51,105	2,439	1,971
29	49	96 528	16 638,492	236 154,443	14,193	13,725	79	99	1 560	12,976	30,156	2,324	1,856
30	50	96 266	15 617,258	219 515,951	14,056	13,588	80	100	990	7,748	17,180	2,217	1,749
31	51	95 992	14 656,830	203 898,692	13,912	13,443							
32	52	95 689	13 751,089	189 241,862	13,762	13,294							
33	53	95 356	12 897,183	175 490,773	13,607	13,139							
34	54	94 997	12 092,792	162 593,590	13,445	12,977							
35	55	94 619	11 336,132	150 500,798	13,276	12,808							
36	56	94 204	10 622,567	139 164,666	13,101	12,632							
37	57	93 766	9 951,224	128 542,099	12,917	12,449							
38	58	93 303	9 319,575	118 590,876	12,725	12,257							
39	59	92 789	8 723,064	109 271,301	12,527	12,058							
40	60	92 245	8 161,794	100 548,237	12,319	11,851							
41	61	91 630	7 630,488	92 386,443	12,108	11,639							
42	62	90 979	7 130,586	84 755,955	11,886	11,418							
43	63	90 267	6 658,609	77 625,369	11,658	11,190							
44	64	89 499	6 213,601	70 966,759	11,421	10,953							
45	65	88 664	5 793,566	64 753,159	11,177	10,708							
46	66	87 777	5 398,199	58 959,593	10,922	10,454							
47	67	86 811	5 024,737	53 561,394	10,660	10,191							
48	68	85 770	4 672,449	48 536,657	10,388	9,919							
49	69	84 664	4 340,928	43 864,208	10,105	9,636							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß   6,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	21	99 427	99 427,169	1 620 706,030	16,300	15,832	50	71	82 496	3 980,958	38 037,177	9,555	9,086
1	22	99 022	93 197,058	1 521 278,862	16,323	15,855	51	72	81 108	3 683,739	34 056,219	9,245	8,777
2	23	98 967	87 666,506	1 428 081,804	16,290	15,822	52	73	79 556	3 400,688	30 372,480	8,931	8,463
3	24	98 926	82 475,223	1 340 415,298	16,252	15,784	53	74	77 870	3 132,839	26 971,792	8,609	8,141
4	25	98 892	77 597,256	1 257 940,075	16,211	15,743	54	75	76 000	2 877,717	23 838,953	8,284	7,816
5	26	98 857	73 006,950	1 180 342,819	16,168	15,699	55	76	73 908	2 633,909	20 961,236	7,958	7,490
6	27	98 823	68 688,740	1 107 335,869	16,121	15,653	56	77	71 610	2 401,894	18 327,328	7,630	7,162
7	28	98 786	64 624,029	1 038 647,130	16,072	15,604	57	78	69 117	2 181,912	15 925,434	7,299	6,830
8	29	98 753	60 802,225	974 023,101	16,020	15,551	58	79	66 363	1 971,719	13 743,522	6,970	6,502
9	30	98 717	57 204,439	913 220,875	15,964	15,496	59	80	63 391	1 772,634	11 771,803	6,641	6,172
10	31	98 681	53 820,007	856 016,436	15,905	15,437	60	81	60 164	1 583,425	9 999,169	6,315	5,847
11	32	98 642	50 634,300	802 196,429	15,843	15,375	61	82	56 705	1 404,609	8 415,744	5,992	5,523
12	33	98 599	47 634,831	751 562,129	15,778	15,309	62	83	52 980	1 235,139	7 011,135	5,676	5,208
13	34	98 552	44 811,402	703 927,298	15,709	15,240	63	84	49 062	1 076,520	5 775,996	5,365	4,897
14	35	98 499	42 152,847	659 115,896	15,636	15,168	64	85	44 939	928,042	4 699,475	5,064	4,596
15	36	98 445	39 651,535	616 963,049	15,560	15,091	65	86	40 639	789,876	3 771,434	4,775	4,306
16	37	98 381	37 294,717	577 311,514	15,480	15,011	66	87	36 255	663,226	2 981,558	4,496	4,027
17	38	98 303	35 073,066	540 016,797	15,397	14,929	67	88	31 794	547,409	2 318,332	4,235	3,767
18	39	98 215	32 980,391	504 943,731	15,310	14,842	68	89	27 407	444,119	1 770,924	3,987	3,519
19	40	98 103	31 004,898	471 963,340	15,222	14,754	69	90	23 078	351,970	1 326,804	3,770	3,301
20	41	97 985	29 146,222	440 958,442	15,129	14,661	70	91	19 097	274,124	974,834	3,556	3,088
21	42	97 854	27 395,008	411 812,221	15,032	14,564	71	92	15 346	207,325	700,711	3,380	2,911
22	43	97 714	25 746,666	384 417,212	14,931	14,462	72	93	12 132	154,262	493,385	3,198	2,730
23	44	97 562	24 194,481	358 670,546	14,824	14,356	73	94	9 357	111,977	339,123	3,028	2,560
24	45	97 402	22 733,809	334 476,065	14,713	14,244	74	95	7 027	79,149	227,145	2,870	2,401
25	46	97 224	21 357,412	311 742,255	14,596	14,128	75	96	5 126	54,334	147,996	2,724	2,255
26	47	97 033	20 061,741	290 384,843	14,475	14,006	76	97	3 628	36,194	93,662	2,588	2,119
27	48	96 818	18 839,812	270 323,102	14,349	13,880	77	98	2 487	23,350	57,468	2,461	1,993
28	49	96 586	17 689,027	251 483,290	14,217	13,749	78	99	1 647	14,556	34,118	2,344	1,876
29	50	96 329	16 604,256	233 794,263	14,080	13,612	79	100	1 052	8,747	19,563	2,237	1,768
30	51	96 054	15 582,853	217 190,007	13,938	13,469							
31	52	95 758	14 620,968	201 607,154	13,789	13,321							
32	53	95 427	13 713,337	186 986,186	13,635	13,167							
33	54	95 070	12 858,407	173 272,848	13,475	13,007							
34	55	94 694	12 054,201	160 414,442	13,308	12,839							
35	56	94 284	11 295,966	148 360,240	13,134	12,666							
36	57	93 849	10 582,497	137 064,274	12,952	12,484							
37	58	93 392	9 911,453	126 481,777	12,761	12,293							
38	59	92 891	9 278,454	116 570,325	12,564	12,095							
39	60	92 351	8 681,873	107 291,871	12,358	11,890							
40	61	91 748	8 117,808	98 609,998	12,147	11,679							
41	62	91 104	7 586,638	90 492,190	11,928	11,459							
42	63	90 405	7 085,609	82 905,552	11,701	11,232							
43	64	89 659	6 613,744	75 819,943	11,464	10,996							
44	65	88 841	6 167,934	69 206,199	11,220	10,752							
45	66	87 972	5 748,319	63 038,264	10,966	10,498							
46	67	87 026	5 352,021	57 289,946	10,704	10,236							
47	68	86 018	4 978,850	51 937,924	10,432	9,963							
48	69	84 937	4 627,077	46 959,075	10,149	9,680							
49	70	83 765	4 294,821	42 331,998	9,857	9,388							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß   6,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	22	99 406	99 406,360	1 617 578,715	16,272	15,804	50	72	81 434	3 929,694	36 486,693	9,285	8,817
1	23	99 000	93 176,151	1 518 172,356	16,294	15,825	51	73	79 934	3 630,407	32 556,999	8,968	8,500
2	24	98 945	87 646,467	1 424 996,205	16,258	15,790	52	74	78 262	3 345,389	28 926,592	8,647	8,178
3	25	98 906	82 458,551	1 337 349,738	16,218	15,750	53	75	76 421	3 074,545	25 581,203	8,320	7,852
4	26	98 870	77 580,186	1 254 891,187	16,175	15,707	54	76	74 369	2 815,967	22 506,659	7,993	7,524
5	27	98 834	72 989,671	1 177 311,000	16,130	15,661	55	77	72 098	2 569,397	19 690,692	7,664	7,195
6	28	98 797	68 670,286	1 104 321,329	16,082	15,613	56	78	69 625	2 335,304	17 121,295	7,332	6,863
7	29	98 761	64 607,688	1 035 651,042	16,030	15,561	57	79	66 901	2 111,942	14 785,990	7,001	6,533
8	30	98 725	60 784,780	971 043,355	15,975	15,507	58	80	63 953	1 900,134	12 674,048	6,670	6,202
9	31	98 689	57 188,249	910 258,575	15,917	15,449	59	81	60 743	1 698,599	10 773,915	6,343	5,874
10	32	98 651	53 803,752	853 070,326	15,855	15,387	60	82	57 300	1 508,069	9 075,316	6,018	5,549
11	33	98 607	50 616,351	799 266,574	15,791	15,322	61	83	53 578	1 327,153	7 567,247	5,702	5,234
12	34	98 563	47 617,414	748 650,223	15,722	15,254	62	84	49 657	1 157,682	6 240,094	5,390	4,922
13	35	98 510	44 792,367	701 032,809	15,651	15,182	63	85	45 514	998,671	5 082,412	5,089	4,621
14	36	98 460	42 136,081	656 240,442	15,574	15,106	64	86	41 220	851,242	4 083,741	4,797	4,329
15	37	98 398	39 632,692	614 104,361	15,495	15,027	65	87	36 810	715,451	3 232,499	4,518	4,050
16	38	98 328	37 274,813	574 471,669	15,412	14,943	66	88	32 329	591,404	2 517,048	4,256	3,788
17	39	98 248	35 053,541	537 196,856	15,325	14,857	67	89	27 906	480,468	1 925,644	4,008	3,539
18	40	98 150	32 958,573	502 143,315	15,236	14,767	68	90	23 529	381,269	1 445,176	3,790	3,322
19	41	98 033	30 983,001	469 184,742	15,143	14,675	69	91	19 506	297,487	1 063,907	3,576	3,108
20	42	97 907	29 122,861	438 201,741	15,047	14,578	70	92	15 704	225,416	766,421	3,400	2,932
21	43	97 767	27 370,624	409 078,880	14,946	14,478	71	93	12 442	168,094	541,005	3,218	2,750
22	44	97 614	25 720,303	381 708,256	14,841	14,372	72	94	9 618	122,291	372,911	3,049	2,581
23	45	97 453	24 167,307	355 987,952	14,730	14,262	73	95	7 244	86,684	250,620	2,891	2,423
24	46	97 278	22 704,955	331 820,645	14,614	14,146	74	96	5 305	59,753	163,936	2,744	2,275
25	47	97 087	21 327,317	309 115,690	14,494	14,026	75	97	3 769	39,951	104,183	2,608	2,139
26	48	96 875	20 028,938	287 788,373	14,369	13,900	76	98	2 595	25,887	64,231	2,481	2,013
27	49	96 647	18 806,495	267 759,436	14,238	13,769	77	99	1 728	16,224	38,344	2,363	1,895
28	50	96 387	17 652,629	248 952,940	14,103	13,635	78	100	1 110	9,812	22,121	2,254	1,786
29	51	96 117	16 567,677	231 300,311	13,961	13,493							
30	52	95 819	15 544,725	214 732,634	13,814	13,346							
31	53	95 495	14 580,828	199 187,909	13,661	13,193							
32	54	95 140	13 672,108	184 607,081	13,502	13,034							
33	55	94 766	12 817,373	170 934,973	13,336	12,868							
34	56	94 358	12 011,491	158 117,600	13,164	12,696							
35	57	93 928	11 253,355	146 106,109	12,983	12,515							
36	58	93 474	10 540,203	134 852,754	12,794	12,326							
37	59	92 980	9 867,721	124 312,551	12,598	12,130							
38	60	92 453	9 234,641	114 444,830	12,393	11,925							
39	61	91 853	8 635,084	105 210,189	12,184	11,716							
40	62	91 221	8 071,157	96 575,106	11,965	11,497							
41	63	90 529	7 538,784	88 503,949	11,740	11,271							
42	64	89 796	7 037,867	80 965,165	11,504	11,036							
43	65	89 000	6 565,137	73 927,298	11,261	10,792							
44	66	88 147	6 119,764	67 362,161	11,007	10,539							
45	67	87 219	5 699,146	61 242,397	10,746	10,278							
46	68	86 231	5 303,145	55 543,251	10,474	10,005							
47	69	85 183	4 930,502	50 240,106	10,190	9,721							
48	70	84 035	4 577,930	45 309,604	9,897	9,429							
49	71	82 793	4 244,981	40 731,674	9,595	9,127							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß   6,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	23	99 384	99 384,060	1 614 255,359	16,243	15,774	50	73	80 255	3 872,801	34 872,996	9,005	8,536
1	24	98 977	93 154,853	1 514 871,299	16,262	15,794	51	74	78 634	3 571,372	31 000,195	8,680	8,212
2	25	98 925	87 628,750	1 421 716,447	16,224	15,756	52	75	76 806	3 283,139	27 428,823	8,354	7,886
3	26	98 884	82 440,412	1 334 087,696	16,182	15,714	53	76	74 781	3 008,571	24 145,684	8,026	7,557
4	27	98 847	77 561,826	1 251 647,284	16,137	15,669	54	77	72 547	2 746,996	21 137,112	7,695	7,226
5	28	98 807	72 970,063	1 174 085,458	16,090	15,622	55	78	70 099	2 498,164	18 390,116	7,361	6,893
6	29	98 772	68 652,922	1 101 115,395	16,039	15,571	56	79	67 392	2 260,415	15 891,953	7,031	6,562
7	30	98 733	64 589,150	1 032 462,474	15,985	15,517	57	80	64 472	2 035,266	13 631,538	6,698	6,229
8	31	98 697	60 767,576	967 873,323	15,927	15,459	58	81	61 282	1 820,774	11 596,272	6,369	5,901
9	32	98 659	57 170,976	907 105,748	15,867	15,398	59	82	57 852	1 617,762	9 775,498	6,043	5,574
10	33	98 616	53 784,680	849 934,771	15,803	15,334	60	83	54 141	1 424,908	8 157,736	5,725	5,257
11	34	98 571	50 597,844	796 150,091	15,735	15,267	61	84	50 218	1 243,925	6 732,828	5,413	4,944
12	35	98 521	47 597,187	745 552,247	15,664	15,195	62	85	46 066	1 073,963	5 488,903	5,111	4,643
13	36	98 471	44 774,551	697 955,060	15,588	15,120	63	86	41 748	916,026	4 414,940	4,820	4,351
14	37	98 413	42 116,057	653 180,509	15,509	15,041	64	87	37 336	771,036	3 498,914	4,538	4,070
15	38	98 346	39 611,541	611 064,452	15,426	14,958	65	88	32 823	637,974	2 727,878	4,276	3,807
16	39	98 274	37 254,062	571 452,911	15,339	14,871	66	89	28 376	519,083	2 089,904	4,026	3,558
17	40	98 183	35 030,351	534 198,849	15,250	14,781	67	90	23 957	412,473	1 570,821	3,808	3,340
18	41	98 080	32 935,296	499 168,498	15,156	14,688	68	91	19 887	322,250	1 158,348	3,595	3,126
19	42	97 955	30 958,169	466 233,202	15,060	14,592	69	92	16 040	244,627	836,098	3,418	2,949
20	43	97 820	29 096,939	435 275,033	14,959	14,491	70	93	12 732	182,761	591,471	3,236	2,768
21	44	97 667	27 342,598	406 178,094	14,855	14,387	71	94	9 864	133,256	408,709	3,067	2,599
22	45	97 505	25 691,415	378 835,496	14,746	14,277	72	95	7 445	94,668	275,453	2,910	2,441
23	46	97 329	24 136,633	353 144,080	14,631	14,163	73	96	5 468	65,441	180,786	2,763	2,294
24	47	97 141	22 672,961	329 007,447	14,511	14,043	74	97	3 901	43,936	115,344	2,625	2,157
25	48	96 928	21 292,444	306 334,486	14,387	13,919	75	98	2 696	28,574	71,408	2,499	2,031
26	49	96 703	19 993,518	285 042,042	14,257	13,788	76	99	1 803	17,986	42,833	2,381	1,913
27	50	96 448	18 767,798	265 048,524	14,123	13,654	77	100	1 165	10,936	24,847	2,272	1,804
28	51	96 175	17 613,741	246 280,726	13,982	13,514							
29	52	95 882	16 527,139	228 666,985	13,836	13,367							
30	53	95 556	15 502,049	212 139,846	13,685	13,216							
31	54	95 208	14 536,990	196 637,797	13,527	13,058							
32	55	94 836	13 628,477	182 100,806	13,362	12,893							
33	56	94 431	12 771,959	168 472,329	13,191	12,722							
34	57	94 003	11 966,181	155 700,371	13,012	12,543							
35	58	93 553	11 208,381	143 734,189	12,824	12,355							
36	59	93 062	10 493,696	132 525,809	12,629	12,161							
37	60	92 541	9 821,125	122 032,112	12,425	11,957							
38	61	91 954	9 184,872	112 210,987	12,217	11,749							
39	62	91 326	8 585,460	103 026,115	12,000	11,532							
40	63	90 645	8 020,247	94 440,655	11,775	11,307							
41	64	89 919	7 487,989	86 420,408	11,541	11,073							
42	65	89 136	6 986,143	78 932,419	11,298	10,830							
43	66	88 305	6 513,864	71 946,277	11,045	10,577							
44	67	87 393	6 067,414	65 432,412	10,784	10,316							
45	68	86 423	5 647,100	59 364,999	10,512	10,044							
46	69	85 394	5 251,648	53 717,899	10,229	9,760							
47	70	84 278	4 878,132	48 466,251	9,935	9,467							
48	71	83 059	4 524,805	43 588,118	9,633	9,165							
49	72	81 727	4 190,318	39 063,314	9,322	8,854							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß   6,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	24	99 361	99 361,342	1 610 725,551	16,211	15,742	50	74	78 950	3 809,825	33 198,534	8,714	8,246
1	25	98 957	93 136,023	1 511 364,209	16,227	15,759	51	75	77 171	3 504,917	29 388,709	8,385	7,917
2	26	98 903	87 609,474	1 418 228,186	16,188	15,720	52	76	75 158	3 212,690	25 883,791	8,057	7,588
3	27	98 861	82 420,901	1 330 618,712	16,144	15,676	53	77	72 950	2 934,883	22 671,101	7,725	7,256
4	28	98 821	77 540,989	1 248 197,811	16,097	15,629	54	78	70 536	2 670,839	19 736,218	7,390	6,921
5	29	98 782	72 951,611	1 170 656,822	16,047	15,579	55	79	67 851	2 418,052	17 065,379	7,057	6,589
6	30	98 743	68 633,224	1 097 705,211	15,994	15,525	56	80	64 945	2 178,349	14 647,327	6,724	6,256
7	31	98 705	64 570,870	1 029 071,987	15,937	15,469	57	81	61 779	1 950,262	12 468,979	6,393	5,925
8	32	98 667	60 749,223	964 501,118	15,877	15,408	58	82	58 366	1 734,122	10 518,717	6,066	5,597
9	33	98 624	57 150,711	903 751,895	15,813	15,345	59	83	54 662	1 528,551	8 784,594	5,747	5,279
10	34	98 580	53 765,014	846 601,184	15,746	15,278	60	84	50 745	1 335,550	7 256,043	5,433	4,965
11	35	98 529	50 576,352	792 836,170	15,676	15,208	61	85	46 586	1 153,970	5 920,493	5,131	4,662
12	36	98 482	47 578,255	742 259,819	15,601	15,132	62	86	42 254	985,088	4 766,524	4,839	4,370
13	37	98 424	44 753,273	694 681,563	15,522	15,054	63	87	37 814	829,716	3 781,436	4,558	4,089
14	38	98 361	42 093,580	649 928,290	15,440	14,972	64	88	33 293	687,539	2 951,720	4,293	3,825
15	39	98 291	39 589,489	607 834,710	15,353	14,885	65	89	28 810	559,958	2 264,181	4,043	3,575
16	40	98 209	37 229,416	568 245,221	15,263	14,795	66	90	24 360	445,624	1 704,223	3,824	3,356
17	41	98 114	35 005,612	531 015,805	15,169	14,701	67	91	20 249	348,624	1 258,599	3,610	3,142
18	42	98 002	32 908,899	496 010,193	15,072	14,604	68	92	16 353	264,991	909,975	3,434	2,966
19	43	97 867	30 930,613	463 101,294	14,972	14,504	69	93	13 005	198,337	644,984	3,252	2,784
20	44	97 719	29 067,146	432 170,681	14,868	14,400	70	94	10 094	144,883	446,647	3,083	2,614
21	45	97 557	27 311,888	403 103,535	14,759	14,291	71	95	7 636	103,156	301,764	2,925	2,457
22	46	97 381	25 658,807	375 791,647	14,646	14,177	72	96	5 621	71,469	198,608	2,779	2,311
23	47	97 192	24 102,622	350 132,840	14,527	14,058	73	97	4 021	48,119	127,139	2,642	2,174
24	48	96 982	22 635,888	326 030,218	14,403	13,935	74	98	2 790	31,425	79,020	2,515	2,046
25	49	96 757	21 254,790	303 394,330	14,274	13,806	75	99	1 873	19,854	47,595	2,397	1,929
26	50	96 504	19 952,378	282 139,540	14,141	13,672	76	100	1 215	12,125	27,741	2,288	1,820
27	51	96 236	18 726,453	262 187,161	14,001	13,533							
28	52	95 940	17 570,644	243 460,709	13,856	13,388							
29	53	95 619	16 481,766	225 890,065	13,705	13,237							
30	54	95 269	15 455,442	209 408,299	13,549	13,081							
31	55	94 904	14 490,599	193 952,858	13,385	12,916							
32	56	94 500	13 580,189	179 462,258	13,215	12,747							
33	57	94 074	12 723,780	165 882,069	13,037	12,569							
34	58	93 627	11 918,358	153 158,289	12,851	12,382							
35	59	93 140	11 158,926	141 239,931	12,657	12,189							
36	60	92 622	10 444,145	130 081,005	12,455	11,987							
37	61	92 042	9 768,195	119 636,860	12,248	11,779							
38	62	91 426	9 132,089	109 868,665	12,031	11,563							
39	63	90 749	8 531,306	100 736,576	11,808	11,340							
40	64	90 035	7 966,208	92 205,269	11,575	11,106							
41	65	89 258	7 432,956	84 239,062	11,333	10,865							
42	66	88 440	6 931,582	76 806,105	11,081	10,612							
43	67	87 549	6 458,143	69 874,523	10,820	10,351							
44	68	86 595	6 012,004	63 416,380	10,548	10,080							
45	69	85 583	5 592,263	57 404,376	10,265	9,797							
46	70	84 487	5 195,868	51 812,113	9,972	9,503							
47	71	83 300	4 821,523	46 616,246	9,668	9,200							
48	72	81 990	4 466,538	41 794,723	9,357	8,889							
49	73	80 544	4 129,651	37 328,185	9,039	8,571							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß   6,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	25	99 341	99 341,258	1 606 977,115	16,176	15,708	50	75	77 481	3 738,933	31 466,419	8,416	7,948
1	26	98 935	93 115,535	1 507 635,857	16,191	15,723	51	76	75 515	3 429,709	27 727,486	8,085	7,616
2	27	98 879	87 588,740	1 414 520,322	16,150	15,681	52	77	73 317	3 134,002	24 297,777	7,753	7,285
3	28	98 834	82 398,759	1 326 931,583	16,104	15,635	53	78	70 927	2 853,517	21 163,775	7,417	6,948
4	29	98 796	77 521,381	1 244 532,824	16,054	15,586	54	79	68 274	2 585,190	18 310,258	7,083	6,614
5	30	98 754	72 930,680	1 167 011,443	16,002	15,533	55	80	65 388	2 330,262	15 725,068	6,748	6,280
6	31	98 715	68 613,798	1 094 080,763	15,945	15,477	56	81	62 233	2 087,369	13 394,805	6,417	5,949
7	32	98 675	64 551,368	1 025 466,965	15,886	15,418	57	82	58 839	1 857,448	11 307,437	6,088	5,619
8	33	98 632	60 727,689	960 915,597	15,823	15,355	58	83	55 147	1 638,495	9 449,988	5,767	5,299
9	34	98 588	57 129,814	900 187,909	15,757	15,289	59	84	51 234	1 432,694	7 811,493	5,452	4,984
10	35	98 538	53 742,176	843 058,094	15,687	15,219	60	85	47 076	1 238,968	6 378,799	5,148	4,680
11	36	98 490	50 556,235	789 315,918	15,613	15,144	61	86	42 731	1 058,474	5 139,831	4,856	4,388
12	37	98 435	47 555,645	738 759,683	15,535	15,066	62	87	38 273	892,270	4 081,357	4,574	4,106
13	38	98 371	44 729,389	691 204,038	15,453	14,985	63	88	33 719	739,865	3 189,087	4,310	3,842
14	39	98 306	42 070,146	646 474,649	15,367	14,898	64	89	29 221	603,462	2 449,223	4,059	3,590
15	40	98 226	39 563,298	604 404,502	15,277	14,809	65	90	24 733	480,714	1 845,761	3,840	3,371
16	41	98 139	37 203,124	564 841,204	15,183	14,714	66	91	20 589	376,643	1 365,047	3,624	3,156
17	42	98 035	34 977,555	527 638,080	15,085	14,617	67	92	16 651	286,678	988,403	3,448	2,979
18	43	97 915	32 879,607	492 660,525	14,984	14,515	68	93	13 259	214,848	701,725	3,266	2,798
19	44	97 767	30 898,942	459 780,918	14,880	14,412	69	94	10 309	157,231	486,878	3,097	2,628
20	45	97 610	29 034,499	428 881,976	14,771	14,303	70	95	7 814	112,157	329,646	2,939	2,471
21	46	97 433	27 277,223	399 847,478	14,659	14,190	71	96	5 765	77,877	217,489	2,793	2,324
22	47	97 244	25 622,651	372 570,254	14,541	14,072	72	97	4 133	52,551	139,612	2,657	2,188
23	48	97 033	24 063,211	346 947,603	14,418	13,950	73	98	2 876	34,416	87,061	2,530	2,061
24	49	96 811	22 595,858	322 884,392	14,290	13,821	74	99	1 939	21,834	52,645	2,411	1,943
25	50	96 557	21 211,055	300 288,534	14,157	13,689	75	100	1 263	13,383	30,811	2,302	1,834
26	51	96 292	19 908,423	279 077,479	14,018	13,550							
27	52	96 000	18 680,633	259 169,055	13,874	13,405							
28	53	95 676	17 522,406	240 488,422	13,725	13,256							
29	54	95 331	16 432,213	222 966,017	13,569	13,100							
30	55	94 965	15 406,120	206 533,804	13,406	12,938							
31	56	94 568	14 439,257	191 127,684	13,237	12,768							
32	57	94 144	13 528,962	176 688,427	13,060	12,592							
33	58	93 698	12 672,929	163 159,465	12,875	12,406							
34	59	93 214	11 865,770	150 486,537	12,682	12,214							
35	60	92 700	11 106,233	138 620,766	12,481	12,013							
36	61	92 123	10 387,858	127 514,533	12,275	11,807							
37	62	91 513	9 712,060	117 126,675	12,060	11,592							
38	63	90 849	9 074,487	107 414,615	11,837	11,369							
39	64	90 138	8 473,823	98 340,128	11,605	11,137							
40	65	89 373	7 907,661	89 866,304	11,364	10,896							
41	66	88 561	7 374,906	81 958,644	11,113	10,645							
42	67	87 683	6 872,287	74 583,738	10,853	10,384							
43	68	86 750	6 399,165	67 711,450	10,581	10,113							
44	69	85 754	5 953,624	61 312,285	10,298	9,830							
45	70	84 674	5 532,865	55 358,661	10,005	9,537							
46	71	83 506	5 135,571	49 825,796	9,702	9,234							
47	72	82 227	4 759,435	44 690,225	9,390	8,921							
48	73	80 803	4 401,872	39 930,790	9,071	8,603							
49	74	79 234	4 062,498	35 528,917	8,746	8,277							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß   6,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	49	93 528	4 513,304	57 674,044	12,779	12,310
1	0	99 613	93 753,617	1 556 602,280	16,603	16,135	51	50	92 962	4 222,116	53 160,740	12,591	12,123
2	1	99 267	87 931,728	1 462 848,663	16,636	16,168	52	51	92 318	3 946,243	48 938,625	12,401	11,933
3	2	99 222	82 721,811	1 374 916,935	16,621	16,153	53	52	91 632	3 686,476	44 992,382	12,205	11,736
4	3	99 193	77 833,402	1 292 195,124	16,602	16,134	54	53	90 876	3 441,000	41 305,905	12,004	11,536
5	4	99 169	73 237,054	1 214 361,722	16,581	16,113	55	54	90 041	3 208,856	37 864,905	11,800	11,332
6	5	99 146	68 913,331	1 141 124,668	16,559	16,090	56	55	89 147	2 990,092	34 656,050	11,590	11,122
7	6	99 126	64 846,198	1 072 211,337	16,535	16,066	57	56	88 183	2 783,793	31 665,957	11,375	10,907
8	7	99 109	61 021,373	1 007 365,139	16,508	16,040	58	57	87 144	2 589,158	28 882,164	11,155	10,687
9	8	99 092	57 422,167	946 343,766	16,480	16,012	59	58	86 032	2 405,771	26 293,007	10,929	10,461
10	9	99 077	54 036,169	888 921,599	16,450	15,982	60	59	84 835	2 232,752	23 887,236	10,699	10,230
11	10	99 062	50 849,517	834 885,430	16,419	15,950	61	60	83 557	2 069,756	21 654,484	10,462	9,994
12	11	99 046	47 850,866	784 035,913	16,385	15,917	62	61	82 179	1 915,875	19 584,728	10,222	9,754
13	12	99 027	45 027,496	736 185,047	16,350	15,881	63	62	80 727	1 771,321	17 668,853	9,975	9,507
14	13	99 008	42 370,709	691 157,550	16,312	15,844	64	63	79 204	1 635,664	15 897,533	9,719	9,251
15	14	98 984	39 868,758	648 786,841	16,273	15,805	65	64	77 561	1 507,522	14 261,869	9,460	8,992
16	15	98 956	37 512,790	608 918,083	16,232	15,764	66	65	75 832	1 387,208	12 754,346	9,194	8,726
17	16	98 918	35 292,546	571 405,293	16,191	15,722	67	66	73 995	1 273,983	11 367,139	8,923	8,454
18	17	98 869	33 200,152	536 112,747	16,148	15,680	68	67	72 050	1 167,530	10 093,155	8,645	8,177
19	18	98 806	31 227,145	502 912,595	16,105	15,637	69	68	70 025	1 067,968	8 925,625	8,358	7,889
20	19	98 735	29 369,182	471 685,450	16,061	15,592	70	69	67 893	974,540	7 857,657	8,063	7,595
21	20	98 661	27 621,009	442 316,268	16,014	15,545	71	70	65 643	886,810	6 883,117	7,762	7,293
22	21	98 586	25 976,427	414 695,259	15,964	15,496	72	71	63 263	804,394	5 996,307	7,454	6,986
23	22	98 513	24 430,297	388 718,832	15,911	15,443	73	72	60 756	727,069	5 191,913	7,141	6,673
24	23	98 440	22 976,045	364 288,535	15,855	15,387	74	73	58 089	654,263	4 464,844	6,824	6,356
25	24	98 362	21 607,472	341 312,491	15,796	15,328	75	74	55 209	585,248	3 810,581	6,511	6,043
26	25	98 288	20 321,163	319 705,019	15,733	15,264	76	75	52 153	520,334	3 225,333	6,199	5,730
27	26	98 209	19 110,483	299 383,856	15,666	15,198	77	76	48 910	459,274	2 704,999	5,890	5,421
28	27	98 124	17 970,698	280 273,372	15,596	15,128	78	77	45 482	401,959	2 245,725	5,587	5,119
29	28	98 039	16 898,894	262 302,674	15,522	15,054	79	78	41 885	348,398	1 843,766	5,292	4,824
30	29	97 949	15 890,363	245 403,780	15,444	14,975	80	79	38 156	298,709	1 495,368	5,006	4,538
31	30	97 859	14 941,777	229 513,417	15,361	14,892	81	80	34 379	253,306	1 196,660	4,724	4,256
32	31	97 761	14 048,835	214 571,640	15,273	14,805	82	81	30 543	211,805	943,354	4,454	3,986
33	32	97 660	13 208,722	200 522,806	15,181	14,713	83	82	26 753	174,608	731,548	4,190	3,721
34	33	97 551	12 417,846	187 314,083	15,084	14,616	84	83	23 055	141,626	556,940	3,932	3,464
35	34	97 438	11 673,844	174 896,238	14,982	14,514	85	84	19 488	112,668	415,315	3,686	3,218
36	35	97 314	10 973,255	163 222,394	14,875	14,406	86	85	16 114	87,685	302,647	3,452	2,983
37	36	97 190	10 314,568	152 249,139	14,761	14,292	87	86	12 994	66,545	214,961	3,230	2,762
38	37	97 052	9 694,040	141 934,571	14,641	14,173	88	87	10 178	49,057	148,416	3,025	2,557
39	38	96 893	9 108,880	132 240,563	14,518	14,049	89	88	7 730	35,065	99,359	2,834	2,365
40	39	96 728	8 558,454	123 131,683	14,387	13,919	90	89	5 649	24,122	64,294	2,665	2,197
41	40	96 540	8 039,360	114 573,228	14,252	13,783	91	90	3 996	16,060	40,173	2,501	2,033
42	41	96 340	7 550,758	106 533,868	14,109	13,641	92	91	2 703	10,223	24,113	2,359	1,890
43	42	96 115	7 090,040	98 983,110	13,961	13,493	93	92	1 742	6,200	13,890	2,240	1,772
44	43	95 859	6 655,150	91 893,070	13,808	13,339	94	93	1 081	3,621	7,690	2,124	1,656
45	44	95 570	6 244,809	85 237,920	13,649	13,181	95	94	640	2,017	4,070	2,018	1,550
46	45	95 251	5 857,862	78 993,110	13,485	13,017	96	95	360	1,068	2,053	1,922	1,453
47	46	94 895	5 492,665	73 135,248	13,315	12,847	97	96	192	0,537	0,985	1,834	1,366
48	47	94 488	5 147,380	67 642,584	13,141	12,673	98	97	97	0,255	0,448	1,755	1,287
49	48	94 031	4 821,159	62 495,203	12,963	12,494	99	98	46	0,115	0,193	1,683	1,215
							100	99	21	0,048	0,078	1,618	1,149

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß   6,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	48	93 694	4 521,300	58 051,644	12,840	12,371
1							51	49	93 154	4 230,821	53 530,344	12,652	12,184
2	0	99 581	88 209,826	1 463 766,948	16,594	16,126	52	50	92 522	3 954,956	49 299,523	12,465	11,997
3	1	99 248	82 743,653	1 375 557,122	16,624	16,156	53	51	91 856	3 695,518	45 344,567	12,270	11,802
4	2	99 208	77 844,996	1 292 813,470	16,608	16,139	54	52	91 126	3 450,473	41 649,049	12,071	11,602
5	3	99 180	73 245,238	1 214 968,474	16,588	16,119	55	53	90 313	3 218,532	38 198,576	11,868	11,400
6	4	99 158	68 921,545	1 141 723,236	16,566	16,097	56	54	89 432	2 999,665	34 980,044	11,661	11,193
7	5	99 136	64 852,753	1 072 801,690	16,542	16,074	57	55	88 497	2 793,691	31 980,379	11,447	10,979
8	6	99 118	61 026,687	1 007 948,937	16,517	16,048	58	56	87 474	2 598,962	29 186,688	11,230	10,762
9	7	99 101	57 427,096	946 922,250	16,489	16,021	59	57	86 378	2 415,424	26 587,726	11,007	10,539
10	8	99 085	54 040,148	889 495,154	16,460	15,992	60	58	85 211	2 242,647	24 172,302	10,778	10,310
11	9	99 068	50 853,025	835 455,005	16,429	15,960	61	59	83 954	2 079,576	21 929,655	10,545	10,077
12	10	99 053	47 854,262	784 601,980	16,396	15,927	62	60	82 624	1 926,256	19 850,079	10,305	9,837
13	11	99 035	45 031,097	736 747,718	16,361	15,893	63	61	81 194	1 781,559	17 923,823	10,061	9,592
14	12	99 016	42 374,121	691 716,620	16,324	15,856	64	62	79 707	1 646,047	16 142,265	9,807	9,338
15	13	98 993	39 872,329	649 342,500	16,286	15,817	65	63	78 087	1 517,749	14 496,218	9,551	9,083
16	14	98 967	37 516,856	609 470,170	16,245	15,777	66	64	76 393	1 397,478	12 978,469	9,287	8,819
17	15	98 930	35 296,987	571 953,314	16,204	15,736	67	65	74 577	1 284,011	11 580,990	9,019	8,551
18	16	98 884	33 205,261	536 656,328	16,162	15,693	68	66	72 672	1 177,604	10 296,979	8,744	8,276
19	17	98 822	31 232,157	503 451,066	16,120	15,651	69	67	70 671	1 077,811	9 119,375	8,461	7,993
20	18	98 757	29 375,892	472 218,910	16,075	15,607	70	68	68 559	984,096	8 041,565	8,172	7,703
21	19	98 682	27 626,715	442 843,018	16,030	15,561	71	69	66 347	896,330	7 057,469	7,874	7,405
22	20	98 608	25 982,195	415 216,303	15,981	15,512	72	70	64 006	813,839	6 161,138	7,570	7,102
23	21	98 534	24 435,411	389 234,108	15,929	15,461	73	71	61 548	736,554	5 347,300	7,260	6,792
24	22	98 462	22 981,200	364 798,697	15,874	15,405	74	72	58 942	663,874	4 610,746	6,945	6,477
25	23	98 385	21 612,412	341 817,497	15,816	15,347	75	73	56 122	594,922	3 946,872	6,634	6,166
26	24	98 308	20 325,272	320 205,085	15,754	15,286	76	74	53 142	530,200	3 351,950	6,322	5,854
27	25	98 231	19 114,688	299 879,813	15,688	15,220	77	75	49 983	469,345	2 821,750	6,012	5,544
28	26	98 147	17 974,952	280 765,126	15,620	15,151	78	76	46 624	412,052	2 352,405	5,709	5,241
29	27	98 065	16 903,435	262 790,173	15,547	15,078	79	77	43 080	358,332	1 940,353	5,415	4,947
30	28	97 974	15 894,382	245 886,738	15,470	15,002	80	78	39 420	308,605	1 582,021	5,126	4,658
31	29	97 887	14 946,066	229 992,356	15,388	14,920	81	79	35 674	262,849	1 273,416	4,845	4,376
32	30	97 789	14 052,812	215 046,291	15,303	14,834	82	80	31 874	221,037	1 010,567	4,572	4,104
33	31	97 689	13 212,713	200 993,479	15,212	14,744	83	81	28 089	183,333	789,530	4,307	3,838
34	32	97 585	12 422,249	187 780,766	15,116	14,648	84	82	24 401	149,891	606,197	4,044	3,576
35	33	97 473	11 678,114	175 358,517	15,016	14,548	85	83	20 792	120,206	456,306	3,796	3,328
36	34	97 356	10 977,918	163 680,403	14,910	14,442	86	84	17 371	94,521	336,100	3,556	3,087
37	35	97 229	10 318,672	152 702,485	14,799	14,330	87	85	14 166	72,549	241,579	3,330	2,862
38	36	97 098	9 698,617	142 383,813	14,681	14,212	88	86	11 236	54,160	169,030	3,121	2,653
39	37	96 945	9 113,744	132 685,195	14,559	14,090	89	87	8 668	39,324	114,870	2,921	2,453
40	38	96 782	8 563,222	123 571,452	14,430	13,962	90	88	6 437	27,482	75,546	2,749	2,281
41	39	96 604	8 044,682	115 008,230	14,296	13,828	91	89	4 655	18,707	48,064	2,569	2,101
42	40	96 408	7 556,094	106 963,548	14,156	13,688	92	90	3 198	12,095	29,357	2,427	1,959
43	41	96 193	7 095,727	99 407,453	14,009	13,541	93	91	2 118	7,540	17,262	2,290	1,821
44	42	95 944	6 661,079	92 311,726	13,858	13,390	94	92	1 333	4,466	9,723	2,177	1,709
45	43	95 668	6 251,210	85 650,647	13,701	13,233	95	93	807	2,544	5,257	2,066	1,598
46	44	95 358	5 864,449	79 399,437	13,539	13,071	96	94	465	1,380	2,713	1,966	1,498
47	45	95 016	5 499,645	73 534,988	13,371	12,903	97	95	255	0,711	1,333	1,875	1,406
48	46	94 621	5 154,644	68 035,343	13,199	12,730	98	96	132	0,347	0,622	1,792	1,323
49	47	94 185	4 829,055	62 880,699	13,021	12,553	99	97	65	0,160	0,275	1,716	1,248
							100	98	30	0,070	0,115	1,648	1,179

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß   6,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	47	93 847	4 528,705	58 399,562	12,895	12,427
1							51	48	93 319	4 238,316	53 870,857	12,710	12,242
2							52	49	92 713	3 963,111	49 632,541	12,524	12,055
3	0	99 562	83 005,343	1 376 406,250	16,582	16,114	53	50	92 059	3 703,677	45 669,431	12,331	11,862
4	1	99 234	77 865,550	1 293 400,908	16,611	16,142	54	51	91 349	3 458,936	41 965,753	12,133	11,664
5	2	99 195	73 256,149	1 215 535,358	16,593	16,125	55	52	90 561	3 227,393	38 506,817	11,931	11,463
6	3	99 169	68 929,247	1 142 279,209	16,572	16,103	56	53	89 702	3 008,711	35 279,424	11,726	11,257
7	4	99 148	64 860,483	1 073 349,962	16,549	16,080	57	54	88 780	2 802,635	32 270,713	11,514	11,046
8	5	99 128	61 032,856	1 008 489,479	16,524	16,055	58	55	87 785	2 608,203	29 468,078	11,298	10,830
9	6	99 109	57 432,098	947 456,623	16,497	16,029	59	56	86 705	2 424,570	26 859,875	11,078	10,610
10	7	99 093	54 044,787	890 024,525	16,468	16,000	60	57	85 553	2 251,646	24 435,305	10,852	10,384
11	8	99 076	50 856,771	835 979,738	16,438	15,970	61	58	84 326	2 088,792	22 183,659	10,620	10,152
12	9	99 060	47 857,564	785 122,967	16,405	15,937	62	59	83 016	1 935,395	20 094,867	10,383	9,914
13	10	99 042	45 034,294	737 265,404	16,371	15,903	63	60	81 634	1 791,212	18 159,472	10,138	9,670
14	11	99 024	42 377,509	692 231,110	16,335	15,867	64	61	80 167	1 655,561	16 368,260	9,887	9,418
15	12	99 001	39 875,539	649 853,601	16,297	15,829	65	62	78 583	1 527,383	14 712,699	9,633	9,164
16	13	98 976	37 520,217	609 978,062	16,257	15,789	66	63	76 911	1 406,958	13 185,316	9,372	8,903
17	14	98 941	35 300,813	572 457,844	16,217	15,748	67	64	75 130	1 293,518	11 778,358	9,106	8,637
18	15	98 897	33 209,439	537 157,032	16,175	15,706	68	65	73 244	1 186,873	10 484,840	8,834	8,366
19	16	98 837	31 236,963	503 947,593	16,133	15,665	69	66	71 280	1 087,110	9 297,967	8,553	8,085
20	17	98 773	29 380,606	472 710,630	16,089	15,621	70	67	69 191	993,166	8 210,857	8,267	7,799
21	18	98 704	27 633,027	443 330,023	16,043	15,575	71	68	66 998	905,120	7 217,691	7,974	7,506
22	19	98 628	25 987,563	415 696,997	15,996	15,528	72	69	64 693	822,576	6 312,571	7,674	7,206
23	20	98 556	24 440,836	389 709,434	15,945	15,477	73	70	62 271	745,202	5 489,995	7,367	6,899
24	21	98 482	22 986,011	365 268,598	15,891	15,423	74	71	59 711	672,534	4 744,794	7,055	6,587
25	22	98 407	21 617,262	342 282,587	15,834	15,365	75	72	56 946	603,662	4 072,259	6,746	6,278
26	23	98 330	20 329,919	320 665,326	15,773	15,305	76	73	54 021	538,964	3 468,598	6,436	5,967
27	24	98 251	19 118,552	300 335,407	15,709	15,241	77	74	50 930	478,244	2 929,634	6,126	5,657
28	25	98 169	17 978,907	281 216,854	15,641	15,173	78	75	47 646	421,087	2 451,390	5,822	5,353
29	26	98 088	16 907,436	263 237,947	15,569	15,101	79	76	44 161	367,329	2 030,302	5,527	5,059
30	27	98 001	15 898,653	246 330,511	15,494	15,025	80	77	40 544	317,405	1 662,973	5,239	4,771
31	28	97 912	14 949,846	230 431,857	15,414	14,945	81	78	36 856	271,557	1 345,569	4,955	4,487
32	29	97 817	14 056,845	215 482,011	15,329	14,861	82	79	33 075	229,364	1 074,011	4,683	4,214
33	30	97 717	13 216,453	201 425,166	15,240	14,772	83	80	29 314	191,324	844,647	4,415	3,946
34	31	97 615	12 426,002	188 208,713	15,146	14,678	84	81	25 620	157,381	653,323	4,151	3,683
35	32	97 508	11 682,255	175 782,711	15,047	14,579	85	82	22 005	127,222	495,942	3,898	3,430
36	33	97 391	10 981,934	164 100,456	14,943	14,474	86	83	18 533	100,845	368,720	3,656	3,188
37	34	97 270	10 323,057	153 118,522	14,833	14,364	87	84	15 270	78,204	267,876	3,425	2,957
38	35	97 136	9 702,476	142 795,465	14,717	14,249	88	85	12 250	59,046	189,671	3,212	2,744
39	36	96 991	9 118,077	133 092,989	14,597	14,128	89	86	9 570	43,414	130,625	3,009	2,540
40	37	96 834	8 567,794	123 974,912	14,470	14,002	90	87	7 218	30,820	87,211	2,830	2,361
41	38	96 658	8 049,163	115 407,118	14,338	13,869	91	88	5 304	21,313	56,391	2,646	2,177
42	39	96 472	7 561,097	107 357,954	14,199	13,730	92	89	3 725	14,088	35,078	2,490	2,021
43	40	96 260	7 100,742	99 796,858	14,054	13,586	93	90	2 506	8,920	20,989	2,353	1,885
44	41	96 021	6 666,423	92 696,116	13,905	13,437	94	91	1 621	5,431	12,069	2,222	1,754
45	42	95 753	6 256,779	86 029,694	13,750	13,281	95	92	995	3,138	6,638	2,116	1,647
46	43	95 456	5 870,460	79 772,915	13,589	13,121	96	93	587	1,741	3,500	2,011	1,542
47	44	95 122	5 505,829	73 902,455	13,423	12,954	97	94	329	0,919	1,759	1,915	1,447
48	45	94 741	5 161,194	68 396,626	13,252	12,784	98	95	175	0,460	0,841	1,829	1,360
49	46	94 318	4 835,870	63 235,432	13,076	12,608	99	96	88	0,218	0,381	1,750	1,282
							100	97	42	0,097	0,163	1,679	1,210

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß   6,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$
0							50	46	93 980	4 535,095	58 719,441	12,948	12,479
1							51	47	93 472	4 245,258	54 184,345	12,763	12,295
2							52	48	92 877	3 970,131	49 939,088	12,579	12,110
3							53	49	92 249	3 711,314	45 968,956	12,386	11,918
4	0	99 548	78 111,812	1 294 185,894	16,568	16,100	54	50	91 551	3 466,573	42 257,642	12,190	11,722
5	1	99 221	73 275,491	1 216 074,083	16,596	16,128	55	51	90 784	3 235,309	38 791,069	11,990	11,522
6	2	99 184	68 939,515	1 142 798,591	16,577	16,108	56	52	89 949	3 016,994	35 555,760	11,785	11,317
7	3	99 159	64 867,731	1 073 859,077	16,555	16,086	57	53	89 048	2 811,087	32 538,767	11,575	11,107
8	4	99 140	61 040,131	1 008 991,346	16,530	16,062	58	54	88 066	2 616,553	29 727,680	11,361	10,893
9	5	99 119	57 437,903	947 951,215	16,504	16,036	59	55	87 013	2 433,191	27 111,127	11,142	10,674
10	6	99 102	54 049,494	890 513,311	16,476	16,008	60	56	85 877	2 260,172	24 677,936	10,919	10,450
11	7	99 084	50 861,136	836 463,817	16,446	15,978	61	57	84 664	2 097,174	22 417,764	10,690	10,221
12	8	99 067	47 861,088	785 602,681	16,414	15,946	62	58	83 384	1 943,972	20 320,590	10,453	9,985
13	9	99 049	45 037,400	737 741,593	16,381	15,912	63	59	82 021	1 799,710	18 376,618	10,211	9,743
14	10	99 031	42 380,517	692 704,192	16,345	15,877	64	60	80 602	1 664,532	16 576,908	9,959	9,491
15	11	99 009	39 878,728	650 323,675	16,308	15,839	65	61	79 037	1 536,211	14 912,376	9,707	9,239
16	12	98 984	37 523,238	610 444,947	16,268	15,800	66	62	77 400	1 415,889	13 376,165	9,447	8,979
17	13	98 950	35 303,975	572 921,709	16,228	15,760	67	63	75 639	1 302,292	11 960,276	9,184	8,716
18	14	98 908	33 213,038	537 617,734	16,187	15,719	68	64	73 786	1 195,661	10 657,983	8,914	8,446
19	15	98 849	31 240,893	504 404,696	16,146	15,677	69	65	71 842	1 095,667	9 462,323	8,636	8,168
20	16	98 788	29 385,128	473 163,802	16,102	15,634	70	66	69 788	1 001,735	8 366,655	8,352	7,884
21	17	98 720	27 637,462	443 778,675	16,057	15,589	71	67	67 615	913,462	7 364,921	8,063	7,594
22	18	98 651	25 993,500	416 141,213	16,009	15,541	72	68	65 328	830,642	6 451,459	7,767	7,298
23	19	98 576	24 445,885	390 147,713	15,960	15,491	73	69	62 940	753,202	5 620,817	7,463	6,994
24	20	98 502	22 991,114	365 701,828	15,906	15,438	74	70	60 412	680,431	4 867,615	7,154	6,685
25	21	98 427	21 621,787	342 710,713	15,850	15,382	75	71	57 689	611,536	4 187,184	6,847	6,379
26	22	98 353	20 334,480	321 088,926	15,790	15,322	76	72	54 814	546,882	3 575,648	6,538	6,070
27	23	98 273	19 122,924	300 754,446	15,727	15,259	77	73	51 772	486,149	3 028,766	6,230	5,762
28	24	98 189	17 982,542	281 631,522	15,661	15,193	78	74	48 550	429,071	2 542,617	5,926	5,458
29	25	98 110	16 911,156	263 648,980	15,590	15,122	79	75	45 130	375,384	2 113,546	5,630	5,162
30	26	98 024	15 902,417	246 737,824	15,516	15,047	80	76	41 562	325,374	1 738,162	5,342	4,874
31	27	97 938	14 953,863	230 835,407	15,437	14,968	81	77	37 907	279,301	1 412,788	5,058	4,590
32	28	97 842	14 060,401	215 881,543	15,354	14,886	82	78	34 171	236,963	1 133,487	4,783	4,315
33	29	97 745	13 220,247	201 821,143	15,266	14,798	83	79	30 418	198,532	896,524	4,516	4,047
34	30	97 642	12 429,520	188 600,896	15,174	14,705	84	80	26 737	164,241	697,992	4,250	3,781
35	31	97 537	11 685,784	176 171,376	15,076	14,607	85	81	23 105	133,579	533,752	3,996	3,527
36	32	97 426	10 985,828	164 485,592	14,973	14,504	86	82	19 614	106,730	400,173	3,749	3,281
37	33	97 306	10 326,833	153 499,764	14,864	14,396	87	83	16 292	83,437	293,442	3,517	3,049
38	34	97 178	9 706,599	143 172,931	14,750	14,282	88	84	13 205	63,649	210,006	3,299	2,831
39	35	97 030	9 121,705	133 466,332	14,632	14,163	89	85	10 433	47,331	146,356	3,092	2,624
40	36	96 880	8 571,868	124 344,627	14,506	14,038	90	86	7 969	34,026	99,025	2,910	2,442
41	37	96 709	8 053,461	115 772,759	14,376	13,907	91	87	5 948	23,902	65,000	2,719	2,251
42	38	96 525	7 565,308	107 719,298	14,239	13,770	92	88	4 244	16,051	41,098	2,560	2,092
43	39	96 324	7 105,442	100 153,990	14,095	13,627	93	89	2 919	10,391	25,046	2,410	1,942
44	40	96 089	6 671,134	93 048,547	13,948	13,480	94	90	1 918	6,426	14,655	2,281	1,812
45	41	95 830	6 261,798	86 377,413	13,794	13,326	95	91	1 210	3,815	8,230	2,157	1,689
46	42	95 541	5 875,690	80 115,616	13,635	13,167	96	92	723	2,147	4,414	2,056	1,588
47	43	95 220	5 511,472	74 239,926	13,470	13,002	97	93	415	1,159	2,267	1,957	1,488
48	44	94 848	5 166,998	68 728,454	13,301	12,833	98	94	226	0,594	1,109	1,867	1,398
49	45	94 437	4 842,015	63 561,456	13,127	12,659	99	95	117	0,288	0,515	1,785	1,316
							100	96	57	0,132	0,226	1,710	1,242

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß   6,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	45	94 099	4 540,859	59 013,215	12,996	12,528
1							51	46	93 604	4 251,248	54 472,357	12,813	12,345
2							52	47	93 029	3 976,634	50 221,108	12,629	12,161
3							53	48	92 412	3 717,889	46 244,475	12,438	11,970
4							54	49	91 740	3 473,721	42 526,586	12,242	11,774
5	0	99 535	73 507,236	1 216 799,635	16,553	16,085	55	50	90 984	3 242,452	39 052,865	12,044	11,576
6	1	99 210	68 957,717	1 143 292,399	16,580	16,111	56	51	90 169	3 024,394	35 810,413	11,841	11,372
7	2	99 174	64 877,394	1 074 334,681	16,559	16,091	57	52	89 293	2 818,826	32 786,019	11,631	11,163
8	3	99 151	61 046,952	1 009 457,287	16,536	16,067	58	53	88 332	2 624,443	29 967,194	11,418	10,950
9	4	99 131	57 444,750	948 410,335	16,510	16,042	59	54	87 291	2 440,981	27 342,750	11,202	10,733
10	5	99 112	54 054,958	890 965,586	16,483	16,014	60	55	86 183	2 268,208	24 901,769	10,979	10,510
11	6	99 093	50 865,566	836 910,628	16,453	15,985	61	56	84 985	2 105,115	22 633,561	10,752	10,283
12	7	99 076	47 865,197	786 045,062	16,422	15,954	62	57	83 719	1 951,773	20 528,446	10,518	10,049
13	8	99 056	45 040,717	738 179,866	16,389	15,921	63	58	82 385	1 807,686	18 576,674	10,276	9,808
14	9	99 038	42 383,441	693 139,148	16,354	15,886	64	59	80 984	1 672,429	16 768,987	10,027	9,558
15	10	99 016	39 881,559	650 755,707	16,317	15,849	65	60	79 466	1 544,535	15 096,558	9,774	9,306
16	11	98 992	37 526,239	610 874,149	16,279	15,810	66	61	77 847	1 424,073	13 552,023	9,516	9,048
17	12	98 958	35 306,817	573 347,910	16,239	15,771	67	62	76 119	1 310,559	12 127,950	9,254	8,786
18	13	98 916	33 216,014	538 041,093	16,198	15,730	68	63	74 287	1 203,771	10 817,391	8,986	8,518
19	14	98 860	31 244,280	504 825,079	16,157	15,689	69	64	72 373	1 103,779	9 613,620	8,710	8,241
20	15	98 801	29 388,825	473 580,799	16,114	15,646	70	65	70 337	1 009,620	8 509,840	8,429	7,960
21	16	98 735	27 641,715	444 191,975	16,070	15,601	71	66	68 199	921,343	7 500,221	8,141	7,672
22	17	98 667	25 997,672	416 550,260	16,023	15,554	72	67	65 930	838,297	6 578,877	7,848	7,380
23	18	98 599	24 451,470	390 552,588	15,973	15,504	73	68	63 557	760,588	5 740,580	7,548	7,079
24	19	98 525	22 995,864	366 101,118	15,920	15,452	74	69	61 061	687,735	4 979,992	7,241	6,773
25	20	98 449	21 626,588	343 105,254	15,865	15,397	75	70	58 366	618,716	4 292,257	6,937	6,469
26	21	98 373	20 338,737	321 478,666	15,806	15,338	76	71	55 529	554,016	3 673,541	6,631	6,162
27	22	98 295	19 127,214	301 139,929	15,744	15,276	77	72	52 533	493,291	3 119,525	6,324	5,856
28	23	98 211	17 986,654	282 012,714	15,679	15,211	78	73	49 352	436,164	2 626,233	6,021	5,553
29	24	98 130	16 914,575	264 026,061	15,609	15,141	79	74	45 985	382,501	2 190,070	5,726	5,257
30	25	98 045	15 905,916	247 111,485	15,536	15,067	80	75	42 474	332,509	1 807,568	5,436	4,968
31	26	97 961	14 957,403	231 205,569	15,458	14,989	81	76	38 858	286,313	1 475,059	5,152	4,684
32	27	97 868	14 064,179	216 248,166	15,376	14,907	82	77	35 145	243,720	1 188,746	4,878	4,409
33	28	97 770	13 223,590	202 183,987	15,290	14,821	83	78	31 426	205,109	945,026	4,607	4,139
34	29	97 670	12 433,087	188 960,397	15,198	14,730	84	79	27 744	170,428	739,917	4,342	3,873
35	30	97 565	11 689,093	176 527,309	15,102	14,634	85	80	24 112	139,401	569,489	4,085	3,617
36	31	97 455	10 989,147	164 838,217	15,000	14,532	86	81	20 595	112,064	430,088	3,838	3,370
37	32	97 340	10 330,495	153 849,070	14,893	14,424	87	82	17 243	88,306	318,024	3,601	3,133
38	33	97 213	9 710,150	143 518,575	14,780	14,312	88	83	14 089	67,908	229,718	3,383	2,914
39	34	97 071	9 125,581	133 808,425	14,663	14,195	89	84	11 247	51,021	161,810	3,171	2,703
40	35	96 918	8 575,278	124 682,844	14,540	14,071	90	85	8 688	37,096	110,789	2,987	2,518
41	36	96 755	8 057,290	116 107,566	14,410	13,942	91	86	6 567	26,388	73,694	2,793	2,324
42	37	96 577	7 569,348	108 050,275	14,275	13,806	92	87	4 759	18,001	47,306	2,628	2,160
43	38	96 378	7 109,400	100 480,927	14,134	13,665	93	88	3 326	11,839	29,305	2,475	2,007
44	39	96 152	6 675,550	93 371,527	13,987	13,519	94	89	2 234	7,485	17,466	2,334	1,865
45	40	95 898	6 266,223	86 695,977	13,835	13,367	95	90	1 432	4,514	9,981	2,211	1,743
46	41	95 618	5 880,403	80 429,754	13,678	13,209	96	91	880	2,611	5,467	2,094	1,626
47	42	95 305	5 516,382	74 549,351	13,514	13,046	97	92	512	1,429	2,856	1,999	1,530
48	43	94 945	5 172,294	69 032,969	13,347	12,878	98	93	285	0,749	1,427	1,905	1,436
49	44	94 544	4 847,460	63 860,675	13,174	12,706	99	94	151	0,373	0,678	1,820	1,351
							100	95	75	0,175	0,305	1,742	1,274

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß   6,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$
0							50	44	94 205	4 545,964	59 282,666	13,041	12,572
1							51	45	93 723	4 256,651	54 736,701	12,859	12,391
2							52	46	93 161	3 982,245	50 480,051	12,676	12,208
3							53	47	92 564	3 723,978	46 497,805	12,486	12,018
4							54	48	91 902	3 479,875	42 773,828	12,292	11,823
5							55	49	91 172	3 249,137	39 293,953	12,094	11,625
6	0	99 524	69 175,807	1 143 962,939	16,537	16,069	56	50	90 368	3 031,071	36 044,815	11,892	11,423
7	1	99 200	64 894,524	1 074 787,132	16,562	16,094	57	51	89 512	2 825,740	33 013,744	11,683	11,215
8	2	99 165	61 056,046	1 009 892,608	16,540	16,072	58	52	88 575	2 631,668	30 188,005	11,471	11,003
9	3	99 142	57 451,169	948 836,563	16,516	16,047	59	53	87 555	2 448,342	27 556,336	11,255	10,787
10	4	99 124	54 061,401	891 385,394	16,488	16,020	60	54	86 458	2 275,470	25 107,994	11,034	10,566
11	5	99 103	50 870,708	837 323,993	16,460	15,991	61	55	85 287	2 112,600	22 832,524	10,808	10,339
12	6	99 084	47 869,365	786 453,285	16,429	15,961	62	56	84 036	1 959,163	20 719,924	10,576	10,108
13	7	99 065	45 044,583	738 583,920	16,397	15,928	63	57	82 715	1 814,940	18 760,761	10,337	9,868
14	8	99 045	42 386,562	693 539,337	16,362	15,894	64	58	81 343	1 679,841	16 945,821	10,088	9,619
15	9	99 023	39 884,310	651 152,774	16,326	15,858	65	59	79 843	1 551,863	15 265,980	9,837	9,369
16	10	98 999	37 528,902	611 268,464	16,288	15,820	66	60	78 269	1 431,789	13 714,117	9,578	9,110
17	11	98 966	35 309,641	573 739,562	16,249	15,780	67	61	76 559	1 318,134	12 282,328	9,318	8,850
18	12	98 924	33 218,688	538 429,921	16,209	15,740	68	62	74 758	1 211,413	10 964,194	9,051	8,582
19	13	98 869	31 247,079	505 211,233	16,168	15,700	69	63	72 864	1 111,267	9 752,782	8,776	8,308
20	14	98 812	29 392,010	473 964,155	16,126	15,657	70	64	70 858	1 017,095	8 641,515	8,496	8,028
21	15	98 748	27 645,192	444 572,144	16,081	15,613	71	65	68 736	928,595	7 624,420	8,211	7,742
22	16	98 682	26 001,673	416 926,952	16,035	15,566	72	66	66 499	845,530	6 695,824	7,919	7,451
23	17	98 614	24 455,395	390 925,279	15,985	15,517	73	67	64 143	767,598	5 850,294	7,622	7,153
24	18	98 547	23 001,118	366 469,884	15,933	15,464	74	68	61 660	694,479	5 082,697	7,319	6,850
25	19	98 469	21 631,055	343 468,767	15,879	15,410	75	69	58 993	625,359	4 388,217	7,017	6,549
26	20	98 395	20 343,253	321 837,711	15,820	15,352	76	70	56 181	560,521	3 762,859	6,713	6,245
27	21	98 316	19 131,218	301 494,458	15,759	15,291	77	71	53 218	499,726	3 202,338	6,408	5,940
28	22	98 233	17 990,690	282 363,240	15,695	15,227	78	72	50 077	442,571	2 702,612	6,107	5,638
29	23	98 152	16 918,443	264 372,550	15,626	15,158	79	73	46 745	388,824	2 260,041	5,813	5,344
30	24	98 065	15 909,132	247 454,108	15,554	15,086	80	74	43 279	338,814	1 871,217	5,523	5,054
31	25	97 983	14 960,694	231 544,976	15,477	15,009	81	75	39 711	292,592	1 532,403	5,237	4,769
32	26	97 891	14 067,508	216 584,281	15,396	14,928	82	76	36 027	249,839	1 239,811	4,962	4,494
33	27	97 796	13 227,144	202 516,773	15,311	14,842	83	77	32 322	210,958	989,972	4,693	4,224
34	28	97 695	12 436,232	189 289,629	15,221	14,752	84	78	28 663	176,075	779,014	4,424	3,956
35	29	97 593	11 692,448	176 853,397	15,125	14,657	85	79	25 020	144,653	602,940	4,168	3,700
36	30	97 483	10 992,258	165 160,950	15,025	14,557	86	80	21 492	116,948	458,287	3,919	3,450
37	31	97 370	10 333,616	154 168,692	14,919	14,451	87	81	18 104	92,719	341,339	3,681	3,213
38	32	97 248	9 713,593	143 835,076	14,808	14,339	88	82	14 911	71,871	248,620	3,459	2,991
39	33	97 106	9 128,919	134 121,483	14,692	14,224	89	83	11 999	54,434	176,749	3,247	2,779
40	34	96 959	8 578,923	124 992,564	14,570	14,101	90	84	9 365	39,987	122,315	3,059	2,590
41	35	96 794	8 060,497	116 413,641	14,442	13,974	91	85	7 159	28,769	82,327	2,862	2,393
42	36	96 623	7 572,947	108 353,145	14,308	13,840	92	86	5 254	19,873	53,558	2,695	2,227
43	37	96 429	7 113,197	100 780,198	14,168	13,700	93	87	3 730	13,276	33,685	2,537	2,069
44	38	96 206	6 679,268	93 667,002	14,024	13,555	94	88	2 545	8,528	20,409	2,393	1,925
45	39	95 961	6 270,371	86 987,733	13,873	13,404	95	89	1 668	5,258	11,881	2,259	1,791
46	40	95 685	5 884,559	80 717,362	13,717	13,248	96	90	1 041	3,089	6,623	2,144	1,676
47	41	95 381	5 520,807	74 832,803	13,555	13,086	97	91	622	1,738	3,534	2,033	1,565
48	42	95 030	5 176,902	69 311,996	13,389	12,920	98	92	352	0,924	1,796	1,943	1,475
49	43	94 641	4 852,428	64 135,094	13,217	12,749	99	93	190	0,470	0,872	1,855	1,386
							100	94	97	0,226	0,402	1,774	1,306

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß   6,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	43	94 301	4 550,624	59 529,659	13,082	12,613
1							51	44	93 828	4 261,437	54 979,035	12,902	12,433
2							52	45	93 279	3 987,306	50 717,598	12,720	12,251
3							53	46	92 694	3 729,233	46 730,292	12,531	12,062
4							54	47	92 053	3 485,574	43 001,059	12,337	11,869
5							55	48	91 333	3 254,894	39 515,485	12,140	11,672
6							56	49	90 555	3 037,321	36 260,592	11,938	11,470
7	0	99 513	65 099,763	1 075 406,795	16,519	16,051	57	50	89 710	2 831,978	33 223,271	11,731	11,263
8	1	99 192	61 072,167	1 010 307,032	16,543	16,074	58	51	88 792	2 638,123	30 391,292	11,520	11,052
9	2	99 157	57 459,727	949 234,865	16,520	16,052	59	52	87 796	2 455,082	27 753,169	11,304	10,836
10	3	99 135	54 067,442	891 775,138	16,494	16,025	60	53	86 719	2 282,332	25 298,087	11,084	10,616
11	4	99 115	50 876,771	837 707,696	16,465	15,997	61	54	85 560	2 119,363	23 015,755	10,860	10,391
12	5	99 094	47 874,204	786 830,925	16,435	15,967	62	55	84 335	1 966,129	20 896,392	10,628	10,160
13	6	99 073	45 048,507	738 956,721	16,404	15,935	63	56	83 028	1 821,812	18 930,263	10,391	9,923
14	7	99 054	42 390,201	693 908,214	16,370	15,901	64	57	81 669	1 686,582	17 108,450	10,144	9,676
15	8	99 030	39 887,248	651 518,014	16,334	15,866	65	58	80 196	1 558,741	15 421,869	9,894	9,425
16	9	99 005	37 531,491	611 630,766	16,296	15,828	66	59	78 640	1 438,582	13 863,128	9,637	9,168
17	10	98 973	35 312,147	574 099,275	16,258	15,789	67	60	76 974	1 325,276	12 424,546	9,375	8,907
18	11	98 932	33 221,344	538 787,128	16,218	15,750	68	61	75 190	1 218,415	11 099,270	9,110	8,641
19	12	98 877	31 249,594	505 565,783	16,178	15,710	69	62	73 327	1 118,321	9 880,855	8,835	8,367
20	13	98 820	29 394,643	474 316,189	16,136	15,668	70	63	71 338	1 023,994	8 762,534	8,557	8,089
21	14	98 758	27 648,189	444 921,546	16,092	15,624	71	64	69 244	935,471	7 738,540	8,272	7,804
22	15	98 694	26 004,944	417 273,356	16,046	15,578	72	65	67 022	852,186	6 803,069	7,983	7,515
23	16	98 630	24 459,158	391 268,413	15,997	15,528	73	66	64 696	774,220	5 950,883	7,686	7,218
24	17	98 563	23 004,809	366 809,254	15,945	15,477	74	67	62 228	700,880	5 176,663	7,386	6,918
25	18	98 492	21 635,997	343 804,445	15,890	15,422	75	68	59 571	631,491	4 475,783	7,088	6,619
26	19	98 415	20 347,456	322 168,448	15,833	15,365	76	69	56 784	566,538	3 844,292	6,786	6,317
27	20	98 338	19 135,466	301 820,992	15,773	15,305	77	70	53 843	505,593	3 277,754	6,483	6,015
28	21	98 254	17 994,456	282 685,526	15,710	15,241	78	71	50 730	448,345	2 772,161	6,183	5,715
29	22	98 174	16 922,239	264 691,070	15,642	15,173	79	72	47 432	394,536	2 323,816	5,890	5,422
30	23	98 088	15 912,769	247 768,831	15,570	15,102	80	73	43 994	344,414	1 929,280	5,602	5,133
31	24	98 002	14 963,719	231 856,062	15,495	15,026	81	74	40 463	298,139	1 584,866	5,316	4,848
32	25	97 913	14 070,603	216 892,343	15,415	14,946	82	75	36 818	255,318	1 286,727	5,040	4,571
33	26	97 819	13 230,275	202 821,740	15,330	14,862	83	76	33 133	216,254	1 031,409	4,769	4,301
34	27	97 721	12 439,574	189 591,465	15,241	14,773	84	77	29 481	181,095	815,154	4,501	4,033
35	28	97 618	11 695,405	177 151,891	15,147	14,679	85	78	25 849	149,445	634,059	4,243	3,774
36	29	97 511	10 995,413	165 456,486	15,048	14,579	86	79	22 302	121,354	484,614	3,993	3,525
37	30	97 397	10 336,542	154 461,073	14,943	14,475	87	80	18 894	96,760	363,260	3,754	3,286
38	31	97 277	9 716,528	144 124,532	14,833	14,365	88	81	15 656	75,462	266,500	3,532	3,063
39	32	97 141	9 132,156	134 408,004	14,718	14,250	89	82	12 699	57,611	191,038	3,316	2,848
40	33	96 995	8 582,060	125 275,848	14,597	14,129	90	83	9 992	42,663	133,426	3,127	2,659
41	34	96 835	8 063,922	116 693,787	14,471	14,003	91	84	7 717	31,012	90,763	2,927	2,458
42	35	96 661	7 575,960	108 629,865	14,339	13,870	92	85	5 729	21,666	59,752	2,758	2,289
43	36	96 475	7 116,578	101 053,905	14,200	13,731	93	86	4 118	14,658	38,086	2,598	2,130
44	37	96 257	6 682,835	93 937,327	14,057	13,588	94	87	2 854	9,563	23,428	2,450	1,981
45	38	96 015	6 273,864	87 254,492	13,908	13,439	95	88	1 900	5,991	13,865	2,314	1,846
46	39	95 749	5 888,454	80 980,628	13,752	13,284	96	89	1 212	3,598	7,874	2,188	1,720
47	40	95 449	5 524,709	75 092,174	13,592	13,124	97	90	736	2,056	4,276	2,079	1,611
48	41	95 106	5 181,054	69 567,465	13,427	12,959	98	91	427	1,124	2,219	1,975	1,507
49	42	94 725	4 856,751	64 386,410	13,257	12,789	99	92	234	0,580	1,096	1,890	1,422
							100	93	123	0,286	0,516	1,807	1,338

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß   6,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	42	94 385	4 554,678	59 755,762	13,120	12,651
1							51	43	93 924	4 265,805	55 201,084	12,940	12,472
2							52	44	93 384	3 991,789	50 935,279	12,760	12,292
3							53	45	92 812	3 733,972	46 943,489	12,572	12,104
4							54	46	92 183	3 490,493	43 209,517	12,379	11,911
5							55	47	91 483	3 260,224	39 719,024	12,183	11,715
6							56	48	90 715	3 042,702	36 458,800	11,982	11,514
7							57	49	89 895	2 837,818	33 416,098	11,775	11,307
8	0	99 505	61 265,317	1 010 879,679	16,500	16,032	58	50	88 988	2 643,948	30 578,281	11,565	11,097
9	1	99 183	57 474,898	949 614,362	16,522	16,054	59	51	88 011	2 461,104	27 934,333	11,350	10,882
10	2	99 149	54 075,496	892 139,463	16,498	16,030	60	52	86 958	2 288,615	25 473,229	11,130	10,662
11	3	99 126	50 882,456	838 063,968	16,471	16,002	61	53	85 818	2 125,754	23 184,614	10,907	10,438
12	4	99 106	47 879,911	787 181,511	16,441	15,972	62	54	84 605	1 972,424	21 058,860	10,677	10,208
13	5	99 083	45 053,060	739 301,601	16,410	15,941	63	55	83 324	1 828,290	19 086,436	10,440	9,971
14	6	99 062	42 393,893	694 248,540	16,376	15,908	64	56	81 979	1 692,968	17 258,146	10,194	9,726
15	7	99 039	39 890,671	651 854,647	16,341	15,873	65	57	80 518	1 564,995	15 565,178	9,946	9,477
16	8	99 013	37 534,256	611 963,976	16,304	15,836	66	58	78 989	1 444,958	14 000,183	9,689	9,221
17	9	98 980	35 314,583	574 429,721	16,266	15,798	67	59	77 339	1 331,564	12 555,225	9,429	8,961
18	10	98 939	33 223,702	539 115,138	16,227	15,758	68	60	75 598	1 225,017	11 223,661	9,162	8,694
19	11	98 885	31 252,093	505 891,435	16,187	15,719	69	61	73 751	1 124,785	9 998,644	8,889	8,421
20	12	98 828	29 397,010	474 639,342	16,146	15,677	70	62	71 791	1 030,494	8 873,859	8,611	8,143
21	13	98 767	27 650,666	445 242,332	16,102	15,634	71	63	69 714	941,816	7 843,365	8,328	7,860
22	14	98 705	26 007,763	417 591,666	16,056	15,588	72	64	67 518	858,495	6 901,549	8,039	7,571
23	15	98 642	24 462,236	391 583,903	16,008	15,539	73	65	65 205	780,315	6 043,053	7,744	7,276
24	16	98 578	23 008,350	367 121,668	15,956	15,488	74	66	62 765	706,927	5 262,739	7,445	6,976
25	17	98 508	21 639,470	344 113,318	15,902	15,434	75	67	60 120	637,311	4 555,812	7,148	6,680
26	18	98 438	20 352,104	322 473,848	15,845	15,376	76	68	57 341	572,094	3 918,501	6,849	6,381
27	19	98 358	19 139,419	302 121,744	15,785	15,317	77	69	54 421	511,021	3 346,407	6,548	6,080
28	20	98 276	17 998,451	282 982,325	15,723	15,254	78	70	51 326	453,609	2 835,386	6,251	5,782
29	21	98 195	16 925,781	264 983,873	15,656	15,187	79	71	48 051	399,683	2 381,777	5,959	5,491
30	22	98 110	15 916,340	248 058,092	15,585	15,117	80	72	44 641	349,474	1 982,095	5,672	5,203
31	23	98 025	14 967,140	232 141,753	15,510	15,042	81	73	41 132	303,067	1 632,621	5,387	4,919
32	24	97 932	14 073,448	217 174,612	15,432	14,963	82	74	37 516	260,159	1 329,553	5,111	4,642
33	25	97 841	13 233,186	203 101,164	15,348	14,880	83	75	33 860	220,996	1 069,394	4,839	4,371
34	26	97 744	12 442,519	189 867,978	15,260	14,791	84	76	30 221	185,642	848,398	4,570	4,102
35	27	97 644	11 698,548	177 425,459	15,166	14,698	85	77	26 586	153,707	662,756	4,312	3,843
36	28	97 536	10 998,194	165 726,912	15,069	14,600	86	78	23 041	125,374	509,049	4,060	3,592
37	29	97 425	10 339,508	154 728,718	14,965	14,496	87	79	19 605	100,405	383,675	3,821	3,353
38	30	97 305	9 719,278	144 389,210	14,856	14,388	88	80	16 338	78,752	283,270	3,597	3,129
39	31	97 170	9 134,915	134 669,931	14,742	14,274	89	81	13 334	60,490	204,518	3,381	2,913
40	32	97 029	8 585,104	125 535,016	14,622	14,154	90	82	10 575	45,153	144,028	3,190	2,721
41	33	96 871	8 066,871	116 949,912	14,498	14,029	91	83	8 233	33,086	98,875	2,988	2,520
42	34	96 702	7 579,179	108 883,041	14,366	13,898	92	84	6 175	23,355	65,789	2,817	2,349
43	35	96 514	7 119,410	101 303,862	14,229	13,761	93	85	4 489	15,980	42,434	2,655	2,187
44	36	96 303	6 686,012	94 184,451	14,087	13,618	94	86	3 151	10,558	26,454	2,506	2,037
45	37	96 066	6 277,214	87 498,439	13,939	13,471	95	87	2 131	6,719	15,896	2,366	1,898
46	38	95 802	5 891,734	81 221,225	13,786	13,317	96	88	1 381	4,100	9,177	2,239	1,770
47	39	95 512	5 528,366	75 329,491	13,626	13,158	97	89	858	2,395	5,078	2,120	1,652
48	40	95 173	5 184,716	69 801,125	13,463	12,995	98	90	506	1,330	2,682	2,018	1,549
49	41	94 801	4 860,647	64 616,409	13,294	12,825	99	91	285	0,705	1,353	1,919	1,451
							100	92	151	0,352	0,648	1,839	1,371

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß   6,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	41	94 461	4 558,331	59 962,616	13,155	12,686
1							51	42	94 008	4 269,605	55 404,285	12,976	12,508
2							52	43	93 480	3 995,881	51 134,679	12,797	12,328
3							53	44	92 917	3 738,171	47 138,798	12,610	12,142
4							54	45	92 300	3 494,929	43 400,628	12,418	11,950
5							55	46	91 612	3 264,825	39 905,699	12,223	11,755
6							56	47	90 864	3 047,685	36 640,874	12,023	11,554
7							57	48	90 054	2 842,845	33 593,189	11,817	11,348
8							58	49	89 171	2 649,399	30 750,344	11,607	11,138
9	0	99 497	57 656,672	950 143,585	16,479	16,011	59	50	88 205	2 466,538	28 100,945	11,393	10,925
10	1	99 176	54 089,774	892 486,913	16,500	16,032	60	51	87 171	2 294,228	25 634,407	11,173	10,705
11	2	99 140	50 890,036	838 397,140	16,475	16,006	61	52	86 054	2 131,606	23 340,179	10,950	10,481
12	3	99 117	47 885,261	787 507,104	16,446	15,977	62	53	84 860	1 978,372	21 208,572	10,720	10,252
13	4	99 095	45 058,430	739 621,843	16,415	15,946	63	54	83 590	1 834,143	19 230,200	10,485	10,016
14	5	99 072	42 398,178	694 563,412	16,382	15,914	64	55	82 270	1 698,988	17 396,057	10,239	9,771
15	6	99 047	39 894,146	652 165,234	16,347	15,879	65	56	80 823	1 570,921	15 697,069	9,992	9,524
16	7	99 021	37 537,477	612 271,088	16,311	15,843	66	57	79 306	1 450,756	14 126,148	9,737	9,269
17	8	98 987	35 317,184	574 733,611	16,273	15,805	67	58	77 682	1 337,465	12 675,392	9,477	9,009
18	9	98 946	33 225,994	539 416,427	16,235	15,766	68	59	75 957	1 230,829	11 337,927	9,212	8,743
19	10	98 892	31 254,312	506 190,433	16,196	15,728	69	60	74 150	1 130,879	10 107,099	8,937	8,469
20	11	98 836	29 399,361	474 936,121	16,155	15,686	70	61	72 206	1 036,451	8 976,219	8,661	8,192
21	12	98 775	27 652,892	445 536,760	16,112	15,643	71	62	70 157	947,795	7 939,768	8,377	7,909
22	13	98 714	26 010,093	417 883,868	16,066	15,598	72	63	67 976	864,319	6 991,974	8,090	7,621
23	14	98 653	24 464,887	391 873,776	16,018	15,549	73	64	65 688	786,092	6 127,655	7,795	7,327
24	15	98 590	23 011,244	367 408,888	15,966	15,498	74	65	63 259	712,492	5 341,563	7,497	7,029
25	16	98 523	21 642,800	344 397,644	15,913	15,444	75	66	60 639	642,810	4 629,071	7,201	6,733
26	17	98 454	20 355,371	322 754,844	15,856	15,388	76	67	57 870	577,366	3 986,262	6,904	6,436
27	18	98 381	19 143,792	302 399,473	15,796	15,328	77	68	54 955	516,032	3 408,895	6,606	6,138
28	19	98 296	18 002,169	283 255,681	15,735	15,266	78	69	51 877	458,478	2 892,863	6,310	5,841
29	20	98 216	16 929,539	265 253,512	15,668	15,200	79	70	48 615	404,375	2 434,385	6,020	5,552
30	21	98 130	15 919,671	248 323,973	15,599	15,130	80	71	45 223	354,033	2 030,009	5,734	5,266
31	22	98 047	14 970,499	232 404,301	15,524	15,056	81	72	41 737	307,520	1 675,977	5,450	4,982
32	23	97 955	14 076,666	217 433,803	15,446	14,978	82	73	38 136	264,459	1 368,457	5,175	4,706
33	24	97 860	13 235,862	203 357,137	15,364	14,896	83	74	34 502	225,187	1 103,998	4,903	4,434
34	25	97 766	12 445,256	190 121,275	15,277	14,808	84	75	30 884	189,713	878,811	4,632	4,164
35	26	97 667	11 701,317	177 676,019	15,184	14,716	85	76	27 253	157,566	689,098	4,373	3,905
36	27	97 562	11 001,149	165 974,702	15,087	14,619	86	77	23 698	128,949	531,532	4,122	3,654
37	28	97 450	10 342,123	154 973,553	14,985	14,516	87	78	20 255	103,732	402,583	3,881	3,413
38	29	97 333	9 722,068	144 631,429	14,877	14,408	88	79	16 954	81,718	298,851	3,657	3,189
39	30	97 198	9 137,501	134 909,361	14,764	14,296	89	80	13 915	63,127	217,133	3,440	2,971
40	31	97 059	8 587,697	125 771,860	14,646	14,177	90	81	11 104	47,409	154,006	3,248	2,780
41	32	96 905	8 069,732	117 184,163	14,521	14,053	91	82	8 714	35,017	106,597	3,044	2,576
42	33	96 738	7 581,952	109 114,431	14,391	13,923	92	83	6 588	24,918	71,580	2,873	2,404
43	34	96 555	7 122,436	101 532,479	14,255	13,787	93	84	4 839	17,226	46,662	2,709	2,241
44	35	96 341	6 688,673	94 410,043	14,115	13,647	94	85	3 436	11,511	29,437	2,557	2,089
45	36	96 112	6 280,199	87 721,371	13,968	13,500	95	86	2 352	7,418	17,926	2,417	1,948
46	37	95 853	5 894,880	81 441,172	13,816	13,347	96	87	1 549	4,598	10,508	2,286	1,817
47	38	95 565	5 531,446	75 546,292	13,658	13,189	97	88	977	2,729	5,911	2,166	1,698
48	39	95 236	5 188,148	70 014,846	13,495	13,027	98	89	589	1,549	3,182	2,055	1,586
49	40	94 868	4 864,082	64 826,698	13,328	12,859	99	90	337	0,834	1,633	1,958	1,490
							100	91	184	0,428	0,799	1,866	1,398

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß   6,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	40	94 528	4 561,553	60 151,693	13,187	12,718
1							51	41	94 083	4 273,030	55 590,140	13,010	12,541
2							52	42	93 563	3 999,441	51 317,110	12,831	12,363
3							53	43	93 012	3 742,002	47 317,670	12,645	12,177
4							54	44	92 404	3 498,858	43 575,667	12,454	11,986
5							55	45	91 728	3 268,974	40 076,809	12,260	11,791
6							56	46	90 992	3 051,986	36 807,835	12,060	11,592
7							57	47	90 201	2 847,501	33 755,849	11,855	11,386
8							58	48	89 329	2 654,093	30 908,348	11,646	11,177
9							59	49	88 387	2 471,624	28 254,255	11,431	10,963
10	0	99 489	54 260,841	892 976,049	16,457	15,989	60	50	87 364	2 299,294	25 782,632	11,213	10,745
11	1	99 167	50 903,473	838 715,208	16,477	16,008	61	51	86 265	2 136,835	23 483,338	10,990	10,521
12	2	99 132	47 892,394	787 811,736	16,450	15,981	62	52	85 093	1 983,818	21 346,503	10,760	10,292
13	3	99 106	45 063,466	739 919,341	16,419	15,951	63	53	83 842	1 839,674	19 362,685	10,525	10,057
14	4	99 084	42 403,232	694 855,876	16,387	15,919	64	54	82 534	1 704,427	17 523,011	10,281	9,813
15	5	99 057	39 898,178	652 452,644	16,353	15,885	65	55	81 110	1 576,507	15 818,584	10,034	9,566
16	6	99 030	37 540,747	612 554,466	16,317	15,849	66	56	79 606	1 456,249	14 242,077	9,780	9,312
17	7	98 995	35 320,215	575 013,719	16,280	15,812	67	57	77 994	1 342,832	12 785,828	9,522	9,053
18	8	98 953	33 228,442	539 693,504	16,242	15,774	68	58	76 293	1 236,283	11 442,996	9,256	8,788
19	9	98 899	31 256,468	506 465,062	16,204	15,735	69	59	74 502	1 136,245	10 206,712	8,983	8,514
20	10	98 843	29 401,448	475 208,595	16,163	15,694	70	60	72 597	1 042,067	9 070,468	8,704	8,236
21	11	98 783	27 655,104	445 807,147	16,120	15,652	71	61	70 562	953,273	8 028,401	8,422	7,954
22	12	98 722	26 012,187	418 152,043	16,075	15,607	72	62	68 408	869,805	7 075,128	8,134	7,666
23	13	98 661	24 467,079	392 139,857	16,027	15,559	73	63	66 134	791,424	6 205,323	7,841	7,372
24	14	98 601	23 013,739	367 672,778	15,976	15,508	74	64	63 727	717,767	5 413,898	7,543	7,074
25	15	98 535	21 645,523	344 659,039	15,923	15,455	75	65	61 116	647,870	4 696,132	7,249	6,780
26	16	98 469	20 358,503	323 013,516	15,866	15,398	76	66	58 369	582,348	4 048,262	6,952	6,483
27	17	98 396	19 146,864	302 655,013	15,807	15,339	77	67	55 461	520,788	3 465,914	6,655	6,187
28	18	98 318	18 006,282	283 508,149	15,745	15,277	78	68	52 386	462,974	2 945,126	6,361	5,893
29	19	98 237	16 933,037	265 501,866	15,680	15,211	79	69	49 137	408,717	2 482,152	6,073	5,605
30	20	98 152	15 923,206	248 568,830	15,610	15,142	80	70	45 754	358,189	2 073,435	5,789	5,320
31	21	98 067	14 973,633	232 645,624	15,537	15,069	81	71	42 281	311,531	1 715,246	5,506	5,038
32	22	97 977	14 079,824	217 671,991	15,460	14,991	82	72	38 696	268,344	1 403,715	5,231	4,763
33	23	97 883	13 238,888	203 592,167	15,378	14,910	83	73	35 072	228,909	1 135,370	4,960	4,492
34	24	97 786	12 447,772	190 353,279	15,292	14,824	84	74	31 469	193,310	906,461	4,689	4,221
35	25	97 688	11 703,892	177 905,507	15,201	14,732	85	75	27 851	161,021	713,151	4,429	3,961
36	26	97 585	11 003,753	166 201,615	15,104	14,636	86	76	24 293	132,187	552,130	4,177	3,709
37	27	97 476	10 344,903	155 197,861	15,002	14,534	87	77	20 832	106,690	419,944	3,936	3,468
38	28	97 357	9 724,527	144 852,959	14,896	14,427	88	78	17 515	84,426	313,254	3,710	3,242
39	29	97 226	9 140,124	135 128,432	14,784	14,316	89	79	14 439	65,505	228,828	3,493	3,025
40	30	97 086	8 590,129	125 988,308	14,667	14,198	90	80	11 588	49,475	163,323	3,301	2,833
41	31	96 934	8 072,170	117 398,179	14,544	14,075	91	81	9 149	36,767	113,848	3,096	2,628
42	32	96 772	7 584,640	109 326,009	14,414	13,946	92	82	6 973	26,372	77,081	2,923	2,454
43	33	96 590	7 125,041	101 741,369	14,279	13,811	93	83	5 163	18,378	50,709	2,759	2,291
44	34	96 382	6 691,515	94 616,328	14,140	13,671	94	84	3 704	12,408	32,331	2,606	2,137
45	35	96 150	6 282,698	87 924,813	13,995	13,526	95	85	2 565	8,087	19,923	2,464	1,995
46	36	95 899	5 897,683	81 642,116	13,843	13,375	96	86	1 710	5,076	11,836	2,332	1,863
47	37	95 616	5 534,399	75 744,433	13,686	13,218	97	87	1 096	3,060	6,760	2,209	1,741
48	38	95 289	5 191,038	70 210,034	13,525	13,057	98	88	671	1,764	3,700	2,097	1,629
49	39	94 931	4 867,302	65 018,995	13,358	12,890	99	89	393	0,971	1,935	1,992	1,524
							100	90	218	0,507	0,964	1,902	1,434

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß   6,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	39	94 590	4 564,573	60 324,563	13,216	12,747
1							51	40	94 150	4 276,050	55 759,990	13,040	12,572
2							52	41	93 638	4 002,649	51 483,940	12,862	12,394
3							53	42	93 095	3 745,336	47 481,291	12,677	12,209
4							54	43	92 498	3 502,445	43 735,955	12,487	12,019
5							55	44	91 831	3 272,650	40 233,511	12,294	11,826
6							56	45	91 108	3 055,864	36 960,861	12,095	11,627
7							57	46	90 329	2 851,519	33 904,997	11,890	11,422
8							58	47	89 476	2 658,440	31 053,478	11,681	11,213
9							59	48	88 544	2 476,002	28 395,038	11,468	11,000
10							60	49	87 544	2 304,035	25 919,036	11,249	10,781
11	0	99 480	51 064,463	839 167,347	16,433	15,965	61	50	86 456	2 141,553	23 615,001	11,027	10,559
12	1	99 158	47 905,039	788 102,884	16,451	15,983	62	51	85 302	1 988,684	21 473,448	10,798	10,329
13	2	99 121	45 070,178	740 197,845	16,423	15,955	63	52	84 073	1 844,739	19 484,764	10,562	10,094
14	3	99 095	42 407,970	695 127,667	16,391	15,923	64	53	82 782	1 709,567	17 640,025	10,318	9,850
15	4	99 069	39 902,934	652 719,697	16,358	15,889	65	54	81 370	1 581,554	15 930,459	10,073	9,604
16	5	99 040	37 544,541	612 816,763	16,322	15,854	66	55	79 889	1 461,427	14 348,905	9,818	9,350
17	6	99 004	35 323,292	575 272,221	16,286	15,818	67	56	78 289	1 347,916	12 887,477	9,561	9,093
18	7	98 962	33 231,294	539 948,929	16,248	15,780	68	57	76 599	1 241,244	11 539,561	9,297	8,828
19	8	98 906	31 258,770	506 717,636	16,210	15,742	69	58	74 832	1 141,280	10 298,317	9,023	8,555
20	9	98 850	29 403,476	475 458,866	16,170	15,702	70	59	72 942	1 047,011	9 157,036	8,746	8,278
21	10	98 790	27 657,066	446 055,390	16,128	15,660	71	60	70 945	958,438	8 110,026	8,462	7,993
22	11	98 730	26 014,267	418 398,324	16,083	15,615	72	61	68 803	874,833	7 151,587	8,175	7,706
23	12	98 669	24 469,049	392 384,057	16,036	15,568	73	62	66 553	796,448	6 276,755	7,881	7,413
24	13	98 610	23 015,800	367 915,008	15,985	15,517	74	63	64 160	722,636	5 480,307	7,584	7,115
25	14	98 546	21 647,869	344 899,208	15,932	15,464	75	64	61 569	652,666	4 757,671	7,290	6,821
26	15	98 481	20 361,065	323 251,339	15,876	15,408	76	65	58 828	586,932	4 105,004	6,994	6,526
27	16	98 411	19 149,811	302 890,274	15,817	15,349	77	66	55 940	525,282	3 518,073	6,697	6,229
28	17	98 334	18 009,172	283 740,463	15,755	15,287	78	67	52 869	467,241	2 992,791	6,405	5,937
29	18	98 259	16 936,905	265 731,291	15,689	15,221	79	68	49 619	412,724	2 525,550	6,119	5,651
30	19	98 172	15 926,496	248 794,386	15,621	15,153	80	69	46 245	362,035	2 112,826	5,836	5,368
31	20	98 089	14 976,957	232 867,890	15,548	15,080	81	70	42 777	315,189	1 750,791	5,555	5,086
32	21	97 997	14 082,772	217 890,933	15,472	15,004	82	71	39 201	271,845	1 435,602	5,281	4,813
33	22	97 905	13 241,858	203 808,161	15,391	14,923	83	72	35 588	232,272	1 163,757	5,010	4,542
34	23	97 808	12 450,618	190 566,303	15,306	14,837	84	73	31 989	196,505	931,485	4,740	4,272
35	24	97 708	11 706,258	178 115,684	15,215	14,747	85	74	28 379	164,074	734,980	4,480	4,011
36	25	97 606	11 006,175	166 409,426	15,120	14,651	86	75	24 825	135,086	570,906	4,226	3,758
37	26	97 499	10 347,351	155 403,252	15,019	14,550	87	76	21 355	109,368	435,820	3,985	3,517
38	27	97 383	9 727,140	145 055,900	14,912	14,444	88	77	18 015	86,833	326,452	3,760	3,291
39	28	97 250	9 142,436	135 328,760	14,802	14,334	89	78	14 918	67,675	239,619	3,541	3,072
40	29	97 114	8 592,594	126 186,324	14,685	14,217	90	79	12 024	51,339	171,944	3,349	2,881
41	30	96 962	8 074,455	117 593,730	14,564	14,095	91	80	9 548	38,370	120,605	3,143	2,675
42	31	96 801	7 586,932	109 519,275	14,435	13,967	92	81	7 321	27,690	82,235	2,970	2,502
43	32	96 624	7 127,567	101 932,343	14,301	13,833	93	82	5 464	19,451	54,545	2,804	2,336
44	33	96 418	6 693,963	94 804,776	14,163	13,694	94	83	3 951	13,238	35,094	2,651	2,183
45	34	96 191	6 285,367	88 110,813	14,018	13,550	95	84	2 765	8,717	21,856	2,507	2,039
46	35	95 937	5 900,030	81 825,446	13,869	13,400	96	85	1 865	5,534	13,139	2,374	1,906
47	36	95 661	5 537,030	75 925,416	13,712	13,244	97	86	1 210	3,379	7,605	2,251	1,783
48	37	95 340	5 193,810	70 388,386	13,552	13,084	98	87	753	1,979	4,227	2,136	1,668
49	38	94 983	4 870,013	65 194,576	13,387	12,919	99	88	447	1,107	2,248	2,031	1,563
							100	89	254	0,590	1,141	1,933	1,465

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß 6,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12	0	99 472	48 056,547	788 520,887	16,408	15,940
13	1	99 147	45 082,078	740 464,340	16,425	15,956
14	2	99 110	42 414,287	695 382,262	16,395	15,927
15	3	99 080	39 907,393	652 967,974	16,362	15,894
16	4	99 052	37 549,017	613 060,581	16,327	15,859
17	5	99 014	35 326,862	575 511,565	16,291	15,823
18	6	98 971	33 234,188	540 184,702	16,254	15,786
19	7	98 914	31 261,453	506 950,514	16,216	15,748
20	8	98 857	29 405,641	475 689,062	16,177	15,708
21	9	98 797	27 658,974	446 283,420	16,135	15,667
22	10	98 737	26 016,113	418 624,446	16,091	15,623
23	11	98 677	24 471,006	392 608,333	16,044	15,575
24	12	98 618	23 017,653	368 137,327	15,994	15,525
25	13	98 555	21 649,806	345 119,674	15,941	15,473
26	14	98 492	20 363,272	323 469,865	15,885	15,417
27	15	98 424	19 152,220	303 106,593	15,826	15,358
28	16	98 349	18 011,944	283 954,373	15,765	15,296
29	17	98 275	16 939,624	265 942,430	15,699	15,231
30	18	98 195	15 930,134	249 002,806	15,631	15,163
31	19	98 109	14 980,051	233 072,672	15,559	15,091
32	20	98 019	14 085,899	218 092,620	15,483	15,015
33	21	97 925	13 244,630	204 006,722	15,403	14,935
34	22	97 830	12 453,412	190 762,092	15,318	14,850
35	23	97 731	11 708,934	178 308,679	15,228	14,760
36	24	97 626	11 008,400	166 599,745	15,134	14,666
37	25	97 520	10 349,628	155 591,345	15,034	14,565
38	26	97 406	9 729,443	145 241,717	14,928	14,460
39	27	97 276	9 144,893	135 512,274	14,818	14,350
40	28	97 139	8 594,767	126 367,382	14,703	14,234
41	29	96 989	8 076,773	117 772,614	14,582	14,113
42	30	96 829	7 589,080	109 695,842	14,454	13,986
43	31	96 653	7 129,721	102 106,762	14,321	13,853
44	32	96 452	6 696,336	94 977,041	14,183	13,715
45	33	96 226	6 287,666	88 280,705	14,040	13,572
46	34	95 978	5 902,537	81 993,039	13,891	13,423
47	35	95 700	5 539,234	76 090,502	13,737	13,268
48	36	95 385	5 196,279	70 551,268	13,577	13,109
49	37	95 034	4 872,614	65 354,989	13,413	12,944
50	38	94 643	4 567,115	60 482,375	13,243	12,775
51	39	94 212	4 278,881	55 915,260	13,068	12,599
52	40	93 704	4 005,478	51 636,379	12,891	12,423
53	41	93 169	3 748,340	47 630,901	12,707	12,239
54	42	92 581	3 505,565	43 882,561	12,518	12,050
55	43	91 926	3 276,004	40 376,996	12,325	11,857
56	44	91 210	3 059,300	37 100,992	12,127	11,659
57	45	90 443	2 855,143	34 041,692	11,923	11,455
58	46	89 602	2 662,191	31 186,549	11,715	11,246
59	47	88 689	2 480,057	28 524,358	11,501	11,033
60	48	87 699	2 308,116	26 044,301	11,284	10,815
61	49	86 634	2 145,968	23 736,184	11,061	10,592
62	50	85 490	1 993,075	21 590,216	10,833	10,364
63	51	84 280	1 849,264	19 597,141	10,597	10,129
64	52	83 010	1 714,273	17 747,878	10,353	9,885
65	53	81 616	1 586,323	16 033,605	10,107	9,639
66	54	80 145	1 466,106	14 447,281	9,854	9,386
67	55	78 568	1 352,709	12 981,175	9,596	9,128
68	56	76 889	1 245,944	11 628,466	9,333	8,865
69	57	75 133	1 145,860	10 382,522	9,061	8,593
70	58	73 265	1 051,651	9 236,662	8,783	8,315
71	59	71 281	962,986	8 185,011	8,500	8,031
72	60	69 176	879,573	7 222,025	8,211	7,742
73	61	66 938	801,052	6 342,452	7,918	7,449
74	62	64 567	727,223	5 541,401	7,620	7,152
75	63	61 987	657,094	4 814,178	7,326	6,858
76	64	59 264	591,277	4 157,084	7,031	6,562
77	65	56 380	529,416	3 565,807	6,735	6,267
78	66	53 325	471,272	3 036,391	6,443	5,975
79	67	50 076	416,528	2 565,118	6,158	5,690
80	68	46 699	365,585	2 148,590	5,877	5,409
81	69	43 237	318,573	1 783,005	5,597	5,129
82	70	39 661	275,037	1 464,432	5,324	4,856
83	71	36 052	235,302	1 189,396	5,055	4,586
84	72	32 459	199,392	954,094	4,785	4,317
85	73	28 848	166,786	754,702	4,525	4,057
86	74	25 296	137,647	587,916	4,271	3,803
87	75	21 824	111,767	450,269	4,029	3,560
88	76	18 467	89,013	338,502	3,803	3,334
89	77	15 343	69,605	249,489	3,584	3,116
90	78	12 423	53,040	179,884	3,391	2,923
91	79	9 908	39,815	126,844	3,186	2,717
92	80	7 640	28,897	87,029	3,012	2,543
93	81	5 737	20,423	58,132	2,846	2,378
94	82	4 182	14,011	37,710	2,691	2,223
95	83	2 950	9,300	23,699	2,548	2,080
96	84	2 010	5,965	14,398	2,414	1,945
97	85	1 319	3,683	8,433	2,290	1,821
98	86	831	2,185	4,750	2,174	1,706
99	87	502	1,241	2,565	2,067	1,598
100	88	289	0,673	1,324	1,968	1,500

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß   6,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	37	94 694	4 569 554	60 626 539	13,267	12,799
1							51	38	94 264	4 281 264	56 056 985	13,094	12,625
2							52	39	93 766	4 008 129	51 775 721	12,918	12,449
3							53	40	93 235	3 750 989	47 767 591	12,735	12,266
4							54	41	92 655	3 508 377	44 016 602	12,546	12,078
5							55	42	92 007	3 278 923	40 508 225	12,354	11,886
6							56	43	91 304	3 062 436	37 229 303	12,157	11,688
7							57	44	90 545	2 858 353	34 166 867	11,953	11,485
8							58	45	89 716	2 665 574	31 308 513	11,746	11,277
9							59	46	88 814	2 483 557	28 642 939	11,533	11,065
10							60	47	87 843	2 311 897	26 159 382	11,315	10,847
11							61	48	86 788	2 149 770	23 847 486	11,093	10,625
12							62	49	85 667	1 997 184	21 697 715	10,864	10,396
13	0	99 461	45 224,658	740 850,843	16,382	15,913	63	50	84 466	1 853,347	19 700,531	10,630	10,161
14	1	99 136	42 425,486	695 626,186	16,396	15,928	64	51	83 214	1 718,478	17 847,185	10,385	9,917
15	2	99 095	39 913,338	653 200,699	16,365	15,897	65	52	81 840	1 590,690	16 128,707	10,139	9,671
16	3	99 063	37 553,212	613 287,362	16,331	15,863	66	53	80 386	1 470,527	14 538,016	9,886	9,418
17	4	99 026	35 331,073	575 734,149	16,295	15,827	67	54	78 819	1 357,040	13 067,489	9,629	9,161
18	5	98 981	33 237,547	540 403,076	16,259	15,790	68	55	77 163	1 250,374	11 710,449	9,366	8,897
19	6	98 923	31 264,176	507 165,529	16,222	15,754	69	56	75 417	1 150,199	10 460,075	9,094	8,626
20	7	98 866	29 408,166	475 901,353	16,183	15,714	70	57	73 559	1 055,871	9 309,876	8,817	8,349
21	8	98 804	27 661,011	446 493,187	16,142	15,673	71	58	71 597	967,253	8 254,005	8,533	8,065
22	9	98 744	26 017,908	418 832,176	16,098	15,629	72	59	69 504	883,746	7 286,752	8,245	7,777
23	10	98 684	24 472,742	392 814,268	16,051	15,583	73	60	67 301	805,392	6 403,006	7,950	7,482
24	11	98 626	23 019,494	368 341,526	16,001	15,533	74	61	64 940	731,426	5 597,614	7,653	7,185
25	12	98 563	21 651,551	345 322,032	15,949	15,481	75	62	62 380	661,265	4 866,188	7,359	6,891
26	13	98 501	20 365,096	323 670,480	15,893	15,425	76	63	59 666	595,288	4 204,923	7,064	6,595
27	14	98 435	19 154,296	303 305,384	15,835	15,366	77	64	56 798	533,336	3 609,635	6,768	6,300
28	15	98 362	18 014,210	284 151,088	15,774	15,305	78	65	53 745	474,982	3 076,299	6,477	6,008
29	16	98 290	16 942,231	266 136,878	15,708	15,240	79	66	50 508	420,122	2 601,317	6,192	5,723
30	17	98 210	15 932,691	249 194,648	15,640	15,172	80	67	47 129	368,954	2 181,195	5,912	5,443
31	18	98 132	14 983,474	233 261,957	15,568	15,100	81	68	43 661	321,697	1 812,240	5,633	5,165
32	19	98 039	14 088,809	218 278,483	15,493	15,025	82	69	40 087	277,989	1 490,544	5,362	4,894
33	20	97 947	13 247,571	204 189,674	15,413	14,945	83	70	36 475	238,064	1 212,555	5,093	4,625
34	21	97 851	12 456,019	190 942,103	15,329	14,861	84	71	32 883	201,993	974,490	4,824	4,356
35	22	97 752	11 711,562	178 486,084	15,240	14,772	85	72	29 272	169,236	772,497	4,565	4,096
36	23	97 648	11 010,917	166 774,523	15,146	14,678	86	73	25 714	139,922	603,261	4,311	3,843
37	24	97 540	10 351,721	155 763,606	15,047	14,579	87	74	22 238	113,886	463,338	4,068	3,600
38	25	97 428	9 731,584	145 411,885	14,942	14,474	88	75	18 872	90,965	349,453	3,842	3,373
39	26	97 299	9 147,057	135 680,302	14,833	14,365	89	76	15 728	71,352	258,487	3,623	3,154
40	27	97 165	8 597,077	126 533,244	14,718	14,250	90	77	12 777	54,553	187,135	3,430	2,962
41	28	97 014	8 078,816	117 936,168	14,598	14,130	91	78	10 236	41,134	132,583	3,223	2,755
42	29	96 857	7 591,258	109 857,352	14,472	14,003	92	79	7 928	29,985	91,448	3,050	2,581
43	30	96 681	7 131,739	102 266,094	14,340	13,871	93	80	5 987	21,313	61,463	2,884	2,416
44	31	96 481	6 698,359	95 134,355	14,203	13,734	94	81	4 391	14,711	40,150	2,729	2,261
45	32	96 260	6 289,896	88 435,996	14,060	13,592	95	82	3 122	9,843	25,439	2,584	2,116
46	33	96 013	5 904,696	82 146,100	13,912	13,444	96	83	2 144	6,364	15,596	2,451	1,982
47	34	95 740	5 541,588	76 241,404	13,758	13,290	97	84	1 422	3,971	9,232	2,325	1,857
48	35	95 423	5 198,347	70 699,816	13,600	13,132	98	85	906	2,382	5,261	2,209	1,741
49	36	95 079	4 874,930	65 501,469	13,436	12,968	99	86	554	1,370	2,880	2,101	1,633
							100	87	324	0,754	1,509	2,001	1,533

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß   6,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	36	94 739	4 571,726	60 758,167	13,290	12,822
1							51	37	94 315	4 283,550	56 186,441	13,117	12,648
2							52	38	93 818	4 010,362	51 902,890	12,942	12,474
3							53	39	93 297	3 753,472	47 892,529	12,760	12,291
4							54	40	92 720	3 510,856	44 139,056	12,572	12,104
5							55	41	92 081	3 281,553	40 628,200	12,381	11,912
6							56	42	91 385	3 065,164	37 346,647	12,184	11,716
7							57	43	90 638	2 861,283	34 281,483	11,981	11,513
8							58	44	89 817	2 668,572	31 420,200	11,774	11,306
9							59	45	88 927	2 486,713	28 751,628	11,562	11,094
10							60	46	87 966	2 315,159	26 264,915	11,345	10,876
11							61	47	86 930	2 153,291	23 949,756	11,122	10,654
12							62	48	85 819	2 000,722	21 796,465	10,894	10,426
13							63	49	84 640	1 857,168	19 795,743	10,659	10,191
14	0	99 450	42 559,663	695 983,625	16,353	15,885	64	50	83 398	1 722,272	17 938,575	10,416	9,947
15	1	99 121	39 923,876	653 423,962	16,367	15,898	65	51	82 041	1 594,592	16 216,303	10,170	9,701
16	2	99 077	37 558,807	613 500,086	16,334	15,866	66	52	80 608	1 474,575	14 621,711	9,916	9,448
17	3	99 037	35 335,021	575 941,279	16,299	15,831	67	53	79 057	1 361,132	13 147,135	9,659	9,191
18	4	98 992	33 241,509	540 606,258	16,263	15,795	68	54	77 410	1 254,377	11 786,003	9,396	8,928
19	5	98 933	31 267,336	507 364,749	16,227	15,758	69	55	75 685	1 154,289	10 531,626	9,124	8,656
20	6	98 875	29 410,727	476 097,413	16,188	15,720	70	56	73 838	1 059,869	9 377,337	8,848	8,379
21	7	98 813	27 663,386	446 686,686	16,147	15,679	71	57	71 884	971,135	8 317,468	8,565	8,096
22	8	98 751	26 019,824	419 023,300	16,104	15,636	72	58	69 812	887,663	7 346,334	8,276	7,808
23	9	98 691	24 474,431	393 003,476	16,058	15,589	73	59	67 620	809,213	6 458,671	7,981	7,513
24	10	98 633	23 021,128	368 529,045	16,008	15,540	74	60	65 292	735,389	5 649,458	7,682	7,214
25	11	98 571	21 653,283	345 507,917	15,956	15,488	75	61	62 741	665,087	4 914,068	7,389	6,920
26	12	98 509	20 366,735	323 854,634	15,901	15,433	76	62	60 045	599,067	4 248,982	7,093	6,624
27	13	98 443	19 156,012	303 487,899	15,843	15,375	77	63	57 183	536,954	3 649,915	6,797	6,329
28	14	98 372	18 016,162	284 331,887	15,782	15,314	78	64	54 142	478,499	3 112,961	6,506	6,037
29	15	98 302	16 944,362	266 315,724	15,717	15,249	79	65	50 906	423,429	2 634,462	6,222	5,753
30	16	98 225	15 935,143	249 371,362	15,649	15,181	80	66	47 536	372,138	2 211,033	5,941	5,473
31	17	98 148	14 985,878	233 436,219	15,577	15,109	81	67	44 063	324,661	1 838,895	5,664	5,196
32	18	98 062	14 092,027	218 450,341	15,502	15,033	82	68	40 480	280,715	1 514,234	5,394	4,926
33	19	97 967	13 250,308	204 358,313	15,423	14,955	83	69	36 867	240,620	1 233,519	5,126	4,658
34	20	97 872	12 458,785	191 108,006	15,339	14,871	84	70	33 269	204,365	992,899	4,858	4,390
35	21	97 773	11 714,013	178 649,221	15,251	14,783	85	71	29 654	171,444	788,534	4,599	4,131
36	22	97 670	11 013,387	166 935,208	15,157	14,689	86	72	26 092	141,978	617,090	4,346	3,878
37	23	97 562	10 354,287	155 921,820	15,059	14,591	87	73	22 605	115,768	475,112	4,104	3,636
38	24	97 448	9 733,551	145 567,733	14,955	14,487	88	74	19 230	92,690	359,344	3,877	3,408
39	25	97 321	9 149,070	135 834,182	14,847	14,378	89	75	16 073	72,917	266,654	3,657	3,189
40	26	97 188	8 599,112	126 685,112	14,732	14,264	90	76	13 098	55,922	193,737	3,464	2,996
41	27	97 040	8 080,986	118 086,000	14,613	14,144	91	77	10 528	42,307	137,815	3,257	2,789
42	28	96 881	7 593,178	110 005,013	14,487	14,019	92	78	8 191	30,979	95,507	3,083	2,615
43	29	96 708	7 133,786	102 411,836	14,356	13,888	93	79	6 213	22,116	64,529	2,918	2,449
44	30	96 508	6 700,256	95 278,050	14,220	13,752	94	80	4 582	15,352	42,413	2,763	2,294
45	31	96 289	6 291,796	88 577,794	14,078	13,610	95	81	3 278	10,335	27,061	2,618	2,150
46	32	96 047	5 906,790	82 285,998	13,931	13,462	96	82	2 270	6,736	16,726	2,483	2,015
47	33	95 775	5 543,615	76 379,208	13,778	13,310	97	83	1 517	4,236	9,990	2,358	1,890
48	34	95 464	5 200,556	70 835,593	13,621	13,152	98	84	977	2,567	5,754	2,241	1,773
49	35	95 117	4 876,870	65 635,037	13,458	12,990	99	85	604	1,494	3,187	2,133	1,665
							100	86	358	0,833	1,693	2,032	1,564

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß   6,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	35	94 776	4 573,546	60 878,173	13,311	12,843
1							51	36	94 360	4 285,587	56 304,627	13,138	12,670
2							52	37	93 869	4 012,503	52 019,041	12,964	12,496
3							53	38	93 349	3 755,563	48 006,537	12,783	12,314
4							54	39	92 782	3 513,180	44 250,974	12,596	12,127
5							55	40	92 146	3 283,872	40 737,794	12,405	11,937
6							56	41	91 458	3 067,623	37 453,922	12,209	11,741
7							57	42	90 719	2 863,832	34 386,299	12,007	11,539
8							58	43	89 909	2 671,307	31 522,467	11,800	11,332
9							59	44	89 027	2 489,509	28 851,160	11,589	11,121
10							60	45	88 078	2 318,101	26 361,651	11,372	10,904
11							61	46	87 052	2 156,329	24 043,550	11,150	10,682
12							62	47	85 959	2 003,999	21 887,220	10,922	10,453
13							63	48	84 790	1 860,458	19 883,221	10,687	10,219
14							64	49	83 570	1 725,823	18 022,763	10,443	9,975
15	0	99 435	40 050,142	653 754,578	16,323	15,855	65	50	82 222	1 598,113	16 296,940	10,198	9,729
16	1	99 104	37 568,723	613 704,436	16,336	15,867	66	51	80 805	1 478,192	14 698,827	9,944	9,475
17	2	99 052	35 340,285	576 135,713	16,303	15,834	67	52	79 274	1 364,879	13 220,635	9,686	9,218
18	3	99 003	33 245,224	540 795,428	16,267	15,799	68	53	77 643	1 258,160	11 855,755	9,423	8,955
19	4	98 945	31 271,063	507 550,204	16,231	15,762	69	54	75 928	1 157,984	10 597,595	9,152	8,683
20	5	98 885	29 413,700	476 279,142	16,192	15,724	70	55	74 100	1 063,637	9 439,611	8,875	8,406
21	6	98 821	27 665,795	446 865,442	16,152	15,684	71	56	72 156	974,812	8 375,974	8,592	8,124
22	7	98 759	26 022,058	419 199,647	16,109	15,641	72	57	70 092	891,225	7 401,162	8,304	7,836
23	8	98 698	24 476,233	393 177,589	16,064	15,595	73	58	67 920	812,799	6 509,938	8,009	7,541
24	9	98 640	23 022,716	368 701,356	16,015	15,546	74	59	65 602	738,878	5 697,138	7,711	7,242
25	10	98 578	21 654,820	345 678,639	15,963	15,495	75	60	63 081	668,691	4 958,260	7,415	6,947
26	11	98 516	20 368,364	324 023,820	15,908	15,440	76	61	60 392	602,529	4 289,569	7,119	6,651
27	12	98 451	19 157,554	303 655,455	15,850	15,382	77	62	57 546	540,362	3 687,040	6,823	6,355
28	13	98 381	18 017,776	284 497,901	15,790	15,321	78	63	54 510	481,745	3 146,677	6,532	6,063
29	14	98 313	16 946,199	266 480,125	15,725	15,257	79	64	51 283	426,564	2 664,933	6,247	5,779
30	15	98 238	15 937,148	249 533,926	15,657	15,189	80	65	47 910	375,067	2 238,369	5,968	5,500
31	16	98 163	14 988,185	233 596,778	15,585	15,117	81	66	44 443	327,463	1 863,302	5,690	5,222
32	17	98 077	14 094,289	218 608,593	15,510	15,042	82	67	40 853	283,302	1 535,839	5,421	4,953
33	18	97 990	13 253,335	204 514,304	15,431	14,963	83	68	37 228	242,980	1 252,537	5,155	4,687
34	19	97 892	12 461,358	191 260,969	15,348	14,880	84	69	33 626	206,559	1 009,557	4,888	4,419
35	20	97 795	11 716,614	178 799,611	15,260	14,792	85	70	30 002	173,457	802,998	4,629	4,161
36	21	97 691	11 015,693	167 082,997	15,168	14,699	86	71	26 432	143,830	629,541	4,377	3,909
37	22	97 584	10 356,411	156 067,304	15,070	14,601	87	72	22 937	117,469	485,712	4,135	3,666
38	23	97 470	9 735,776	145 710,893	14,967	14,498	88	73	19 548	94,222	368,242	3,908	3,440
39	24	97 340	9 150,920	135 975,117	14,859	14,391	89	74	16 378	74,299	274,020	3,688	3,220
40	25	97 209	8 601,004	126 824,197	14,745	14,277	90	75	13 385	57,149	199,721	3,495	3,026
41	26	97 063	8 082,899	118 223,193	14,626	14,158	91	76	10 792	43,370	142,572	3,287	2,819
42	27	96 907	7 595,218	110 140,293	14,501	14,033	92	77	8 424	31,862	99,203	3,114	2,645
43	28	96 733	7 135,590	102 545,075	14,371	13,903	93	78	6 419	22,848	67,341	2,947	2,479
44	29	96 536	6 702,179	95 409,485	14,236	13,767	94	79	4 755	15,930	44,492	2,793	2,325
45	30	96 316	6 293,578	88 707,306	14,095	13,627	95	80	3 420	10,786	28,562	2,648	2,180
46	31	96 076	5 908,574	82 413,728	13,948	13,480	96	81	2 383	7,072	17,777	2,514	2,045
47	32	95 809	5 545,580	76 505,154	13,796	13,327	97	82	1 605	4,483	10,704	2,388	1,919
48	33	95 499	5 202,458	70 959,574	13,640	13,171	98	83	1 042	2,739	6,221	2,271	1,803
49	34	95 158	4 878,943	65 757,116	13,478	13,009	99	84	651	1,610	3,482	2,162	1,694
							100	85	390	0,908	1,871	2,061	1,593

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß   6,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16	0	99 417	37 687,540	614 010,292	16,292	15,824
17	1	99 078	35 349,616	576 322,752	16,304	15,835
18	2	99 018	33 250,176	540 973,136	16,270	15,801
19	3	98 956	31 274,557	507 722,960	16,234	15,766
20	4	98 896	29 417,206	476 448,403	16,196	15,728
21	5	98 831	27 668,592	447 031,197	16,157	15,688
22	6	98 768	26 024,324	419 362,605	16,114	15,646
23	7	98 707	24 478,334	393 338,281	16,069	15,600
24	8	98 647	23 024,412	368 859,947	16,020	15,552
25	9	98 584	21 656,314	345 835,535	15,969	15,501
26	10	98 523	20 369,810	324 179,221	15,915	15,446
27	11	98 459	19 159,087	303 809,411	15,857	15,389
28	12	98 389	18 019,227	284 650,325	15,797	15,329
29	13	98 322	16 947,717	266 631,098	15,733	15,264
30	14	98 248	15 938,875	249 683,381	15,665	15,197
31	15	98 175	14 990,070	233 744,506	15,593	15,125
32	16	98 093	14 096,458	218 754,435	15,518	15,050
33	17	98 005	13 255,462	204 657,977	15,440	14,971
34	18	97 915	12 464,205	191 402,515	15,356	14,888
35	19	97 815	11 719,035	178 938,310	15,269	14,801
36	20	97 712	11 018,139	167 219,275	15,177	14,708
37	21	97 605	10 358,579	156 201,136	15,079	14,611
38	22	97 492	9 737,961	145 842,558	14,977	14,508
39	23	97 363	9 153,012	136 104,597	14,870	14,402
40	24	97 229	8 602,743	126 951,585	14,757	14,289
41	25	97 084	8 084,678	118 348,842	14,639	14,170
42	26	96 930	7 597,016	110 264,164	14,514	14,046
43	27	96 759	7 137,508	102 667,148	14,384	13,916
44	28	96 560	6 703,874	95 529,640	14,250	13,782
45	29	96 344	6 295,384	88 825,766	14,110	13,641
46	30	96 103	5 910,247	82 530,382	13,964	13,496
47	31	95 838	5 547,256	76 620,135	13,812	13,344
48	32	95 533	5 204,303	71 072,879	13,657	13,188
49	33	95 192	4 880,727	65 868,576	13,496	13,027
50	34	94 817	4 575,489	60 987,849	13,329	12,861
51	35	94 397	4 287,292	56 412,360	13,158	12,690
52	36	93 913	4 014,411	52 125,068	12,984	12,516
53	37	93 399	3 757,569	48 110,657	12,804	12,335
54	38	92 834	3 515,137	44 353,088	12,618	12,149
55	39	92 207	3 286,046	40 837,951	12,428	11,959
56	40	91 523	3 069,791	37 551,905	12,233	11,764
57	41	90 792	2 866,129	34 482,114	12,031	11,563
58	42	89 989	2 673,687	31 615,985	11,825	11,357
59	43	89 118	2 492,061	28 942,298	11,614	11,145
60	44	88 177	2 320,708	26 450,237	11,397	10,929
61	45	87 163	2 159,070	24 129,530	11,176	10,708
62	46	86 080	2 006,827	21 970,460	10,948	10,480
63	47	84 929	1 863,505	19 963,633	10,713	10,245
64	48	83 718	1 728,880	18 100,128	10,469	10,001
65	49	82 392	1 601,408	16 371,247	10,223	9,755
66	50	80 984	1 481,456	14 769,839	9,970	9,501
67	51	79 469	1 368,227	13 288,383	9,712	9,244
68	52	77 857	1 261,624	11 920,156	9,448	8,980
69	53	76 157	1 161,476	10 658,532	9,177	8,708
70	54	74 337	1 067,043	9 497,056	8,900	8,432
71	55	72 413	978,278	8 430,014	8,617	8,149
72	56	70 358	894,599	7 451,736	8,330	7,861
73	57	68 192	816,061	6 557,137	8,035	7,567
74	58	65 892	742,153	5 741,076	7,736	7,267
75	59	63 380	671,863	4 998,923	7,440	6,972
76	60	60 719	605,794	4 327,060	7,143	6,674
77	61	57 878	543,486	3 721,265	6,847	6,379
78	62	54 856	484,803	3 177,780	6,555	6,086
79	63	51 631	429,458	2 692,977	6,271	5,802
80	64	48 264	377,844	2 263,520	5,991	5,522
81	65	44 793	330,040	1 885,676	5,713	5,245
82	66	41 205	285,747	1 555,635	5,444	4,976
83	67	37 571	245,219	1 269,889	5,179	4,710
84	68	33 956	208,584	1 024,670	4,912	4,444
85	69	30 324	175,319	816,085	4,655	4,187
86	70	26 743	145,519	640,766	4,403	3,935
87	71	23 236	119,001	495,248	4,162	3,693
88	72	19 835	95,606	376,246	3,935	3,467
89	73	16 649	75,528	280,640	3,716	3,247
90	74	13 639	58,232	205,112	3,522	3,054
91	75	11 029	44,321	146,880	3,314	2,846
92	76	8 636	32,662	102,560	3,140	2,672
93	77	6 602	23,500	69,898	2,974	2,506
94	78	4 912	16,458	46,398	2,819	2,351
95	79	3 549	11,192	29,940	2,675	2,207
96	80	2 487	7,380	18,748	2,540	2,072
97	81	1 685	4,707	11,367	2,415	1,946
98	82	1 103	2,899	6,660	2,297	1,829
99	83	694	1,718	3,761	2,189	1,720
100	84	420	0,979	2,043	2,087	1,619

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß   6,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	33	94 851	4 577,163	61 087,973	13,346	12,878
1							51	34	94 437	4 289,114	56 510,810	13,175	12,707
2							52	35	93 951	4 016,008	52 221,696	13,003	12,535
3							53	36	93 443	3 759,355	48 205,688	12,823	12,355
4							54	37	92 883	3 517,014	44 446,333	12,638	12,169
5							55	38	92 259	3 287,876	40 929,319	12,449	11,980
6							56	39	91 583	3 071,823	37 641,442	12,254	11,785
7							57	40	90 856	2 868,155	34 569,619	12,053	11,585
8							58	41	90 061	2 675,831	31 701,464	11,847	11,379
9							59	42	89 198	2 494,281	29 025,633	11,637	11,169
10							60	43	88 268	2 323,086	26 531,352	11,421	10,952
11							61	44	87 261	2 161,498	24 208,266	11,200	10,731
12							62	45	86 190	2 009,377	22 046,768	10,972	10,504
13							63	46	85 048	1 866,135	20 037,391	10,737	10,269
14							64	47	83 855	1 731,712	18 171,256	10,493	10,025
15							65	48	82 538	1 604,245	16 439,544	10,248	9,779
16							66	49	81 151	1 484,511	14 835,299	9,993	9,525
17	0	99 391	35 461,415	576 605,741	16,260	15,792	67	50	79 644	1 371,248	13 350,789	9,736	9,268
18	1	99 044	33 258,955	541 144,326	16,271	15,802	68	51	78 048	1 264,518	11 979,541	9,472	9,004
19	2	98 970	31 279,216	507 885,371	16,237	15,769	69	52	76 366	1 164,673	10 714,822	9,200	8,731
20	3	98 907	29 420,493	476 606,155	16,200	15,731	70	53	74 562	1 070,260	9 550,149	8,923	8,455
21	4	98 843	27 671,890	447 185,662	16,160	15,692	71	54	72 645	981,410	8 479,889	8,641	8,172
22	5	98 778	26 026,955	419 513,772	16,118	15,650	72	55	70 608	897,780	7 498,479	8,352	7,884
23	6	98 715	24 480,466	393 486,817	16,074	15,605	73	56	68 450	819,151	6 600,699	8,058	7,590
24	7	98 655	23 026,388	369 006,351	16,025	15,557	74	57	66 157	745,131	5 781,548	7,759	7,291
25	8	98 592	21 657,909	345 979,963	15,975	15,506	75	58	63 661	674,841	5 036,417	7,463	6,995
26	9	98 530	20 371,215	324 322,054	15,921	15,452	76	59	61 007	608,668	4 361,576	7,166	6,697
27	10	98 466	19 160,446	303 950,839	15,863	15,395	77	60	58 192	546,431	3 752,908	6,868	6,400
28	11	98 397	18 020,668	284 790,393	15,804	15,335	78	61	55 173	487,605	3 206,477	6,576	6,108
29	12	98 330	16 949,081	266 769,725	15,739	15,271	79	62	51 958	432,184	2 718,872	6,291	5,823
30	13	98 257	15 940,303	249 820,644	15,672	15,204	80	63	48 592	380,407	2 286,689	6,011	5,543
31	14	98 186	14 991,695	233 880,340	15,601	15,132	81	64	45 125	332,484	1 906,282	5,733	5,265
32	15	98 105	14 098,232	218 888,645	15,526	15,058	82	65	41 530	287,996	1 573,798	5,465	4,996
33	16	98 020	13 257,502	204 790,414	15,447	14,979	83	66	37 895	247,335	1 285,802	5,199	4,730
34	17	97 931	12 466,206	191 532,912	15,364	14,896	84	67	34 269	210,507	1 038,467	4,933	4,465
35	18	97 837	11 721,712	179 066,706	15,276	14,808	85	68	30 622	177,038	827,960	4,677	4,208
36	19	97 733	11 020,415	167 344,994	15,185	14,717	86	69	27 030	147,081	650,922	4,426	3,957
37	20	97 626	10 360,879	156 324,579	15,088	14,620	87	70	23 509	120,399	503,841	4,185	3,716
38	21	97 512	9 739,999	145 963,700	14,986	14,518	88	71	20 094	96,853	383,443	3,959	3,491
39	22	97 385	9 155,066	136 223,701	14,880	14,411	89	72	16 893	76,637	286,589	3,740	3,271
40	23	97 251	8 604,710	127 068,635	14,767	14,299	90	73	13 864	59,195	209,952	3,547	3,078
41	24	97 104	8 086,312	118 463,925	14,650	14,182	91	74	11 238	45,161	150,757	3,338	2,870
42	25	96 951	7 598,688	110 377,613	14,526	14,058	92	75	8 825	33,378	105,597	3,164	2,695
43	26	96 782	7 139,198	102 778,925	14,396	13,928	93	76	6 767	24,090	72,218	2,998	2,530
44	27	96 586	6 705,676	95 639,727	14,263	13,794	94	77	5 053	16,927	48,128	2,843	2,375
45	28	96 368	6 296,976	88 934,052	14,123	13,655	95	78	3 667	11,563	31,201	2,698	2,230
46	29	96 131	5 911,943	82 637,076	13,978	13,510	96	79	2 581	7,659	19,638	2,564	2,096
47	30	95 865	5 548,826	76 725,132	13,827	13,359	97	80	1 759	4,913	11,980	2,439	1,970
48	31	95 561	5 205,875	71 176,306	13,672	13,204	98	81	1 158	3,044	7,067	2,322	1,853
49	32	95 226	4 882,458	65 970,431	13,512	13,043	99	82	735	1,818	4,023	2,212	1,744
							100	83	448	1,044	2,205	2,111	1,643

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß   6,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	32	94 885	4 578,786	61 179,458	13,362	12,893
1							51	33	94 472	4 290,683	56 600,672	13,192	12,723
2							52	34	93 990	4 017,715	52 309,989	13,020	12,551
3							53	35	93 480	3 760,851	48 292,274	12,841	12,372
4							54	36	92 927	3 518,686	44 531,423	12,656	12,187
5							55	37	92 308	3 289,632	41 012,737	12,467	11,999
6							56	38	91 634	3 073,534	37 723,105	12,274	11,805
7							57	39	90 916	2 870,054	34 649,571	12,073	11,604
8							58	40	90 125	2 677,722	31 779,517	11,868	11,400
9							59	41	89 269	2 496,282	29 101,795	11,658	11,190
10							60	42	88 346	2 325,156	26 605,513	11,442	10,974
11							61	43	87 350	2 163,713	24 280,357	11,222	10,753
12							62	44	86 287	2 011,637	22 116,644	10,994	10,526
13							63	45	85 156	1 868,506	20 105,007	10,760	10,292
14							64	46	83 973	1 734,156	18 236,501	10,516	10,048
15							65	47	82 673	1 606,872	16 502,345	10,270	9,802
16							66	48	81 295	1 487,140	14 895,473	10,016	9,548
17							67	49	79 809	1 374,075	13 408,332	9,758	9,290
18	0	99 358	33 364,142	541 406,192	16,227	15,759	68	50	78 220	1 267,511	12 034,257	9,494	9,026
19	1	98 997	31 287,475	508 042,050	16,238	15,770	69	51	76 553	1 167,530	10 766,747	9,222	8,753
20	2	98 922	29 424,876	476 754,575	16,202	15,734	70	52	74 767	1 073,207	9 599,216	8,944	8,476
21	3	98 854	27 674,982	447 329,699	16,164	15,695	71	53	72 864	984,369	8 526,010	8,661	8,193
22	4	98 790	26 030,057	419 654,717	16,122	15,654	72	54	70 834	900,654	7 541,640	8,374	7,905
23	5	98 725	24 482,941	393 624,660	16,078	15,609	73	55	68 694	822,064	6 640,986	8,078	7,610
24	6	98 664	23 028,394	369 141,719	16,030	15,561	74	56	66 407	747,952	5 818,922	7,780	7,311
25	7	98 600	21 659,768	346 113,326	15,980	15,511	75	57	63 916	677,549	5 070,970	7,484	7,016
26	8	98 537	20 372,715	324 453,558	15,926	15,458	76	58	61 277	611,366	4 393,421	7,186	6,718
27	9	98 473	19 161,768	304 080,843	15,869	15,401	77	59	58 468	549,023	3 782,055	6,889	6,420
28	10	98 404	18 021,947	284 919,074	15,810	15,341	78	60	55 472	490,247	3 233,032	6,595	6,126
29	11	98 338	16 950,437	266 897,127	15,746	15,277	79	61	52 259	434,682	2 742,785	6,310	5,842
30	12	98 265	15 941,587	249 946,691	15,679	15,211	80	62	48 900	382,822	2 308,104	6,029	5,561
31	13	98 194	14 993,038	234 005,104	15,608	15,139	81	63	45 431	334,739	1 925,282	5,752	5,283
32	14	98 116	14 099,760	219 012,066	15,533	15,065	82	64	41 837	290,128	1 590,543	5,482	5,014
33	15	98 033	13 259,170	204 912,306	15,454	14,986	83	65	38 194	249,282	1 300,415	5,217	4,748
34	16	97 946	12 468,124	191 653,136	15,371	14,903	84	66	34 564	212,323	1 051,133	4,951	4,482
35	17	97 853	11 723,593	179 185,012	15,284	14,816	85	67	30 904	178,670	838,810	4,695	4,226
36	18	97 755	11 022,933	167 461,418	15,192	14,724	86	68	27 295	148,523	660,140	4,445	3,976
37	19	97 647	10 363,019	156 438,486	15,096	14,627	87	69	23 762	121,691	511,617	4,204	3,736
38	20	97 534	9 742,162	146 075,467	14,994	14,526	88	70	20 330	97,991	389,926	3,979	3,511
39	21	97 405	9 156,982	136 333,305	14,888	14,420	89	71	17 114	77,637	291,935	3,760	3,292
40	22	97 273	8 606,641	127 176,323	14,777	14,308	90	72	14 068	60,064	214,298	3,568	3,099
41	23	97 126	8 088,161	118 569,682	14,660	14,191	91	73	11 424	45,907	154,234	3,360	2,891
42	24	96 971	7 600,224	110 481,521	14,537	14,068	92	74	8 993	34,011	108,327	3,185	2,717
43	25	96 803	7 140,768	102 881,297	14,408	13,939	93	75	6 916	24,618	74,316	3,019	2,550
44	26	96 609	6 707,263	95 740,528	14,274	13,806	94	76	5 179	17,352	49,697	2,864	2,396
45	27	96 394	6 298,668	89 033,265	14,135	13,667	95	77	3 772	11,892	32,345	2,720	2,251
46	28	96 155	5 913,439	82 734,597	13,991	13,523	96	78	2 666	7,912	20,453	2,585	2,117
47	29	95 893	5 550,419	76 821,158	13,841	13,372	97	79	1 825	5,098	12,540	2,460	1,992
48	30	95 589	5 207,349	71 270,740	13,687	13,218	98	80	1 208	3,177	7,443	2,343	1,875
49	31	95 255	4 883,933	66 063,390	13,527	13,058	99	81	772	1,909	4,266	2,234	1,766
							100	82	475	1,105	2,357	2,133	1,664

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß   6,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	31	94 914	4 580,169	61 262,935	13,376	12,907
1							51	32	94 505	4 292,204	56 682,766	13,206	12,738
2							52	33	94 025	4 019,184	52 390,562	13,035	12,567
3							53	34	93 520	3 762,449	48 371,378	12,856	12,388
4							54	35	92 964	3 520,087	44 608,928	12,673	12,204
5							55	36	92 352	3 291,196	41 088,842	12,484	12,016
6							56	37	91 683	3 075,175	37 797,646	12,291	11,823
7							57	38	90 966	2 871,652	34 722,471	12,091	11,623
8							58	39	90 184	2 679,495	31 850,818	11,887	11,419
9							59	40	89 332	2 498,046	29 171,323	11,678	11,209
10							60	41	88 417	2 327,021	26 673,277	11,462	10,994
11							61	42	87 428	2 165,641	24 346,256	11,242	10,774
12							62	43	86 375	2 013,699	22 180,616	11,015	10,547
13							63	44	85 252	1 870,607	20 166,917	10,781	10,313
14							64	45	84 080	1 736,359	18 296,310	10,537	10,069
15							65	46	82 789	1 609,140	16 559,950	10,291	9,823
16							66	47	81 428	1 489,576	14 950,811	10,037	9,569
17							67	48	79 950	1 376,510	13 461,234	9,779	9,311
18							68	49	78 382	1 270,124	12 084,725	9,515	9,046
19	0	99 310	31 386,426	508 284,391	16,194	15,726	69	50	76 722	1 170,108	10 814,601	9,242	8,774
20	1	98 948	29 432,645	476 897,964	16,203	15,735	70	51	74 950	1 075,839	9 644,493	8,965	8,496
21	2	98 869	27 679,104	447 465,320	16,166	15,698	71	52	73 065	987,079	8 568,654	8,681	8,212
22	3	98 801	26 032,966	419 786,215	16,125	15,657	72	53	71 048	903,370	7 581,575	8,393	7,924
23	4	98 737	24 485,859	393 753,249	16,081	15,612	73	54	68 914	824,695	6 678,204	8,098	7,629
24	5	98 674	23 030,721	369 267,390	16,034	15,565	74	55	66 643	750,612	5 853,509	7,798	7,330
25	6	98 609	21 661,654	346 236,669	15,984	15,515	75	56	64 158	680,114	5 102,897	7,503	7,035
26	7	98 546	20 374,464	324 575,015	15,930	15,462	76	57	61 523	613,819	4 422,783	7,205	6,737
27	8	98 480	19 163,180	304 200,551	15,874	15,406	77	58	58 727	551,456	3 808,964	6,907	6,439
28	9	98 411	18 023,190	285 037,371	15,815	15,347	78	59	55 735	492,573	3 257,507	6,613	6,145
29	10	98 345	16 951,640	267 014,181	15,752	15,283	79	60	52 542	437,037	2 764,935	6,327	5,858
30	11	98 273	15 942,861	250 062,541	15,685	15,217	80	61	49 183	385,034	2 327,897	6,046	5,578
31	12	98 202	14 994,245	234 119,680	15,614	15,146	81	62	45 719	336,864	1 942,863	5,767	5,299
32	13	98 124	14 101,023	219 125,434	15,540	15,071	82	63	42 121	292,096	1 605,999	5,498	5,030
33	14	98 043	13 260,607	205 024,411	15,461	14,993	83	64	38 477	251,127	1 313,903	5,232	4,764
34	15	97 958	12 469,693	191 763,804	15,378	14,910	84	65	34 836	213,994	1 062,775	4,966	4,498
35	16	97 868	11 725,398	179 294,111	15,291	14,823	85	66	31 170	180,211	848,781	4,710	4,242
36	17	97 771	11 024,702	167 568,714	15,199	14,731	86	67	27 547	149,892	668,570	4,460	3,992
37	18	97 669	10 365,386	156 544,012	15,103	14,634	87	68	23 995	122,884	518,678	4,221	3,753
38	19	97 554	9 744,175	146 178,625	15,002	14,533	88	69	20 548	99,043	395,793	3,996	3,528
39	20	97 427	9 159,015	136 434,451	14,896	14,428	89	70	17 315	78,548	296,751	3,778	3,310
40	21	97 293	8 608,442	127 275,435	14,785	14,317	90	71	14 251	60,848	218,202	3,586	3,118
41	22	97 148	8 089,976	118 666,993	14,668	14,200	91	72	11 592	46,582	157,355	3,378	2,910
42	23	96 993	7 601,962	110 577,017	14,546	14,077	92	73	9 141	34,573	110,773	3,204	2,736
43	24	96 823	7 142,212	102 975,055	14,418	13,949	93	74	7 047	25,085	76,199	3,038	2,569
44	25	96 630	6 708,739	95 832,843	14,285	13,816	94	75	5 293	17,733	51,115	2,882	2,414
45	26	96 417	6 300,159	89 124,105	14,146	13,678	95	76	3 866	12,191	33,382	2,738	2,270
46	27	96 181	5 915,028	82 823,945	14,002	13,534	96	77	2 742	8,138	21,191	2,604	2,136
47	28	95 917	5 551,823	76 908,918	13,853	13,385	97	78	1 886	5,267	13,053	2,478	2,010
48	29	95 616	5 208,844	71 357,095	13,699	13,231	98	79	1 254	3,296	7,786	2,362	1,894
49	30	95 282	4 885,316	66 148,251	13,540	13,072	99	80	805	1,993	4,490	2,253	1,785
							100	81	498	1,160	2,497	2,152	1,684

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß   6,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
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20	0	99 261	29 525,730	477 122,268	16,160	15,691
21	1	98 895	27 686,413	447 596,538	16,167	15,698
22	2	98 815	26 036,844	419 910,125	16,128	15,659
23	3	98 748	24 488,595	393 873,281	16,084	15,616
24	4	98 686	23 033,466	369 384,686	16,037	15,569
25	5	98 619	21 663,844	346 351,219	15,988	15,519
26	6	98 554	20 376,239	324 687,375	15,935	15,466
27	7	98 489	19 164,824	304 311,137	15,879	15,410
28	8	98 418	18 024,518	285 146,312	15,820	15,352
29	9	98 351	16 952,809	267 121,795	15,757	15,288
30	10	98 280	15 943,993	250 168,985	15,690	15,222
31	11	98 210	14 995,444	234 224,992	15,620	15,151
32	12	98 132	14 102,158	219 229,548	15,546	15,077
33	13	98 052	13 261,795	205 127,390	15,468	14,999
34	14	97 969	12 471,045	191 865,595	15,385	14,917
35	15	97 880	11 726,873	179 394,550	15,298	14,829
36	16	97 786	11 026,398	167 667,677	15,206	14,738
37	17	97 685	10 367,050	156 641,279	15,110	14,641
38	18	97 576	9 746,401	146 274,229	15,008	14,540
39	19	97 447	9 160,907	136 527,828	14,903	14,435
40	20	97 315	8 610,354	127 366,920	14,792	14,324
41	21	97 168	8 091,670	118 756,567	14,676	14,208
42	22	97 015	7 603,667	110 664,897	14,554	14,086
43	23	96 845	7 143,845	103 061,230	14,427	13,958
44	24	96 650	6 710,095	95 917,385	14,294	13,826
45	25	96 438	6 301,546	89 207,290	14,156	13,688
46	26	96 203	5 916,428	82 905,744	14,013	13,544
47	27	95 943	5 553,315	76 989,316	13,864	13,395
48	28	95 640	5 210,161	71 436,002	13,711	13,243
49	29	95 309	4 886,718	66 225,840	13,552	13,084
50	30	94 940	4 581,466	61 339,123	13,389	12,920
51	31	94 534	4 293,501	56 757,657	13,219	12,751
52	32	94 058	4 020,610	52 464,156	13,049	12,580
53	33	93 554	3 763,825	48 443,546	12,871	12,402
54	34	93 004	3 521,582	44 679,721	12,687	12,219
55	35	92 389	3 292,505	41 158,138	12,501	12,032
56	36	91 727	3 076,637	37 865,633	12,307	11,839
57	37	91 015	2 873,186	34 788,996	12,108	11,640
58	38	90 235	2 680,988	31 915,810	11,904	11,436
59	39	89 391	2 499,700	29 234,822	11,695	11,227
60	40	88 480	2 328,666	26 735,123	11,481	11,013
61	41	87 498	2 167,378	24 406,457	11,261	10,792
62	42	86 452	2 015,493	22 239,079	11,034	10,566
63	43	85 340	1 872,525	20 223,587	10,800	10,332
64	44	84 174	1 738,312	18 351,062	10,557	10,088
65	45	82 895	1 611,185	16 612,750	10,311	9,843
66	46	81 543	1 491,678	15 001,565	10,057	9,588
67	47	80 081	1 378,764	13 509,887	9,799	9,330
68	48	78 520	1 272,374	12 131,123	9,534	9,066
69	49	76 881	1 172,521	10 858,749	9,261	8,793
70	50	75 116	1 078,214	9 686,229	8,984	8,515
71	51	73 244	989,500	8 608,014	8,699	8,231
72	52	71 243	905,857	7 618,514	8,410	7,942
73	53	69 122	827,182	6 712,657	8,115	7,647
74	54	66 857	753,015	5 885,474	7,816	7,348
75	55	64 386	682,532	5 132,459	7,520	7,051
76	56	61 756	616,143	4 449,927	7,222	6,754
77	57	58 963	553,669	3 833,783	6,924	6,456
78	58	55 982	494,756	3 280,114	6,630	6,161
79	59	52 791	439,111	2 785,359	6,343	5,875
80	60	49 449	387,121	2 346,248	6,061	5,592
81	61	45 983	338,811	1 959,127	5,782	5,314
82	62	42 388	293,951	1 620,316	5,512	5,044
83	63	38 738	252,831	1 326,366	5,246	4,778
84	64	35 094	215,579	1 073,535	4,980	4,511
85	65	31 416	181,630	857,956	4,724	4,255
86	66	27 784	151,185	676,326	4,473	4,005
87	67	24 216	124,017	525,141	4,234	3,766
88	68	20 749	100,014	401,124	4,011	3,542
89	69	17 501	79,392	301,111	3,793	3,324
90	70	14 418	61,562	221,719	3,602	3,133
91	71	11 743	47,189	160,157	3,394	2,926
92	72	9 275	35,081	112,967	3,220	2,752
93	73	7 163	25,500	77,886	3,054	2,586
94	74	5 393	18,069	52,386	2,899	2,431
95	75	3 951	12,458	34,317	2,755	2,286
96	76	2 811	8,342	21,859	2,620	2,152
97	77	1 939	5,417	13,517	2,495	2,027
98	78	1 295	3,405	8,100	2,379	1,910
99	79	836	2,068	4,694	2,270	1,802
100	80	520	1,211	2,627	2,169	1,701

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß   6,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	29	94 968	4 582,781	61 408,768	13,400	12,932
1							51	30	94 561	4 294,717	56 825,987	13,232	12,763
2							52	31	94 087	4 021,824	52 531,271	13,062	12,593
3							53	32	93 587	3 765,160	48 509,446	12,884	12,415
4							54	33	93 038	3 522,871	44 744,286	12,701	12,233
5							55	34	92 428	3 293,905	41 221,416	12,514	12,046
6							56	35	91 763	3 077,862	37 927,511	12,323	11,854
7							57	36	91 058	2 874,552	34 849,650	12,124	11,655
8							58	37	90 283	2 682,419	31 975,098	11,920	11,452
9							59	38	89 441	2 501,092	29 292,679	11,712	11,244
10							60	39	88 538	2 330,207	26 791,587	11,498	11,029
11							61	40	87 560	2 168,910	24 461,380	11,278	10,810
12							62	41	86 521	2 017,109	22 292,470	11,052	10,583
13							63	42	85 416	1 874,193	20 275,361	10,818	10,350
14							64	43	84 261	1 740,094	18 401,168	10,575	10,106
15							65	44	82 988	1 612,996	16 661,074	10,329	9,861
16							66	45	81 646	1 493,574	15 048,078	10,075	9,607
17							67	46	80 194	1 380,710	13 554,504	9,817	9,349
18							68	47	78 649	1 274,458	12 173,795	9,552	9,084
19							69	48	77 017	1 174,598	10 899,337	9,279	8,811
20							70	49	75 271	1 080,438	9 724,739	9,001	8,532
21	0	99 208	27 773,975	447 804,167	16,123	15,655	71	50	73 405	991,685	8 644,301	8,717	8,248
22	1	98 842	26 043,718	420 030,192	16,128	15,660	72	51	71 418	908,079	7 652,616	8,427	7,959
23	2	98 763	24 492,243	393 986,474	16,086	15,618	73	52	69 312	829,460	6 744,537	8,131	7,663
24	3	98 697	23 036,040	369 494,231	16,040	15,571	74	53	67 058	755,286	5 915,078	7,832	7,363
25	4	98 630	21 666,426	346 458,190	15,991	15,522	75	54	64 592	684,717	5 159,792	7,536	7,067
26	5	98 564	20 378,298	324 791,764	15,938	15,470	76	55	61 976	618,334	4 475,074	7,237	6,769
27	6	98 497	19 166,494	304 413,466	15,883	15,414	77	56	59 186	555,765	3 856,740	6,940	6,471
28	7	98 426	18 026,065	285 246,972	15,824	15,356	78	57	56 207	496,741	3 300,974	6,645	6,177
29	8	98 359	16 954,058	267 220,907	15,761	15,293	79	58	53 025	441,057	2 804,233	6,358	5,890
30	9	98 287	15 945,093	250 266,849	15,696	15,227	80	59	49 684	388,957	2 363,177	6,076	5,607
31	10	98 217	14 996,509	234 321,757	15,625	15,157	81	60	46 233	340,647	1 974,219	5,796	5,327
32	11	98 140	14 103,286	219 325,248	15,551	15,083	82	61	42 633	295,650	1 633,573	5,525	5,057
33	12	98 060	13 262,863	205 221,962	15,473	15,005	83	62	38 983	254,436	1 337,923	5,258	4,790
34	13	97 977	12 472,162	191 959,099	15,391	14,923	84	63	35 332	217,041	1 083,487	4,992	4,524
35	14	97 891	11 728,144	179 486,937	15,304	14,836	85	64	31 648	182,975	866,446	4,735	4,267
36	15	97 798	11 027,786	167 758,793	15,212	14,744	86	65	28 003	152,375	683,472	4,485	4,017
37	16	97 700	10 368,646	156 731,008	15,116	14,648	87	66	24 425	125,087	531,096	4,246	3,777
38	17	97 592	9 747,965	146 362,362	15,015	14,546	88	67	20 941	100,936	406,009	4,022	3,554
39	18	97 469	9 163,000	136 614,397	14,909	14,441	89	68	17 672	80,170	305,074	3,805	3,337
40	19	97 335	8 612,132	127 451,396	14,799	14,331	90	69	14 573	62,223	224,904	3,614	3,146
41	20	97 190	8 093,466	118 839,264	14,683	14,215	91	70	11 881	47,744	162,681	3,407	2,939
42	21	97 035	7 605,259	110 745,798	14,562	14,093	92	71	9 396	35,539	114,937	3,234	2,766
43	22	96 867	7 145,448	103 140,539	14,434	13,966	93	72	7 269	25,874	79,398	3,069	2,600
44	23	96 672	6 711,629	95 995,091	14,303	13,834	94	73	5 483	18,368	53,524	2,914	2,446
45	24	96 458	6 302,820	89 283,462	14,166	13,697	95	74	4 026	12,694	35,156	2,769	2,301
46	25	96 225	5 917,730	82 980,642	14,022	13,554	96	75	2 873	8,525	22,462	2,635	2,166
47	26	95 966	5 554,629	77 062,912	13,874	13,405	97	76	1 988	5,553	13,936	2,510	2,041
48	27	95 666	5 211,561	71 508,283	13,721	13,253	98	77	1 332	3,503	8,384	2,394	1,925
49	28	95 333	4 887,954	66 296,722	13,563	13,095	99	78	863	2,136	4,881	2,285	1,817
							100	79	540	1,257	2,745	2,184	1,716

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß   6,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	28	94 992	4 583,940	61 472,375	13,410	12,942
1							51	29	94 588	4 295,949	56 888,435	13,242	12,774
2							52	30	94 113	4 022,963	52 592,486	13,073	12,605
3							53	31	93 616	3 766,297	48 569,523	12,896	12,427
4							54	32	93 071	3 524,120	44 803,225	12,713	12,245
5							55	33	92 462	3 295,109	41 279,106	12,527	12,059
6							56	34	91 802	3 079,170	37 983,996	12,336	11,867
7							57	35	91 095	2 875,695	34 904,827	12,138	11,670
8							58	36	90 326	2 683,695	32 029,131	11,935	11,466
9							59	37	89 489	2 502,428	29 345,437	11,727	11,258
10							60	38	88 588	2 331,505	26 843,009	11,513	11,045
11							61	39	87 618	2 170,345	24 511,504	11,294	10,825
12							62	40	86 583	2 018,535	22 341,159	11,068	10,600
13							63	41	85 484	1 875,696	20 322,624	10,835	10,366
14							64	42	84 336	1 741,644	18 446,928	10,592	10,123
15							65	43	83 073	1 614,650	16 705,284	10,346	9,878
16							66	44	81 738	1 495,253	15 090,634	10,092	9,624
17							67	45	80 296	1 382,464	13 595,381	9,834	9,366
18							68	46	78 760	1 276,256	12 212,917	9,569	9,101
19							69	47	77 143	1 176,522	10 936,660	9,296	8,827
20							70	48	75 404	1 082,352	9 760,139	9,018	8,549
21							71	49	73 557	993,730	8 677,787	8,733	8,264
22	0	99 154	26 126,086	420 222,410	16,084	15,616	72	50	71 576	910,084	7 684,057	8,443	7,975
23	1	98 789	24 498,710	394 096,325	16,086	15,618	73	51	69 482	831,494	6 773,973	8,147	7,678
24	2	98 711	23 039,472	369 597,615	16,042	15,574	74	52	67 243	757,365	5 942,479	7,846	7,378
25	3	98 641	21 668,847	346 558,143	15,993	15,525	75	53	64 787	686,782	5 185,114	7,550	7,082
26	4	98 576	20 380,727	324 889,295	15,941	15,473	76	54	62 174	620,314	4 498,332	7,252	6,783
27	5	98 507	19 168,431	304 508,568	15,886	15,418	77	55	59 397	557,742	3 878,018	6,953	6,485
28	6	98 435	18 027,635	285 340,137	15,828	15,360	78	56	56 419	498,622	3 320,276	6,659	6,191
29	7	98 367	16 955,513	267 312,502	15,766	15,297	79	57	53 238	442,826	2 821,655	6,372	5,904
30	8	98 294	15 946,267	250 356,989	15,700	15,232	80	58	49 904	390,681	2 378,828	6,089	5,621
31	9	98 224	14 997,543	234 410,722	15,630	15,162	81	59	46 452	342,263	1 988,147	5,809	5,340
32	10	98 147	14 104,287	219 413,179	15,556	15,088	82	60	42 864	297,252	1 645,884	5,537	5,069
33	11	98 068	13 263,923	205 308,892	15,479	15,010	83	61	39 209	255,906	1 348,632	5,270	4,802
34	12	97 985	12 473,166	192 044,968	15,397	14,928	84	62	35 557	218,419	1 092,726	5,003	4,535
35	13	97 900	11 729,195	179 571,802	15,310	14,841	85	63	31 863	184,216	874,307	4,746	4,278
36	14	97 809	11 028,981	167 842,607	15,218	14,750	86	64	28 210	153,503	690,091	4,496	4,027
37	15	97 712	10 369,581	156 813,626	15,122	14,654	87	65	24 617	126,072	536,588	4,256	3,788
38	16	97 607	9 749,465	146 443,676	15,021	14,552	88	66	21 121	101,806	410,516	4,032	3,564
39	17	97 485	9 164,471	136 694,211	14,916	14,447	89	67	17 835	80,909	308,710	3,816	3,347
40	18	97 357	8 614,100	127 529,740	14,805	14,336	90	68	14 716	62,833	227,801	3,625	3,157
41	19	97 210	8 095,138	118 915,640	14,690	14,221	91	69	12 008	48,256	164,968	3,419	2,950
42	20	97 057	7 606,948	110 820,502	14,568	14,100	92	70	9 507	35,956	116,712	3,246	2,778
43	21	96 887	7 146,944	103 213,554	14,442	13,973	93	71	7 364	26,212	80,755	3,081	2,613
44	22	96 694	6 713,135	96 066,610	14,310	13,842	94	72	5 563	18,638	54,544	2,927	2,458
45	23	96 480	6 304,261	89 353,475	14,174	13,705	95	73	4 092	12,904	35,906	2,782	2,314
46	24	96 244	5 918,926	83 049,215	14,031	13,563	96	74	2 927	8,687	23,002	2,648	2,180
47	25	95 987	5 555,851	77 130,289	13,883	13,414	97	75	2 032	5,675	14,315	2,523	2,054
48	26	95 688	5 212,795	71 574,437	13,731	13,262	98	76	1 366	3,590	8,640	2,406	1,938
49	27	95 359	4 889,267	66 361,642	13,573	13,105	99	77	888	2,197	5,050	2,298	1,830
							100	78	557	1,298	2,853	2,197	1,729

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß   6,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	27	95 017	4 585,172	61 530,622	13,419	12,951
1							51	28	94 612	4 297,036	56 945,450	13,252	12,784
2							52	29	94 140	4 024,118	52 648,415	13,083	12,615
3							53	30	93 642	3 767,364	48 624,297	12,907	12,438
4							54	31	93 099	3 525,184	44 856,933	12,725	12,256
5							55	32	92 494	3 296,278	41 331,749	12,539	12,071
6							56	33	91 836	3 080,296	38 035,471	12,348	11,880
7							57	34	91 133	2 876,918	34 955,175	12,150	11,682
8							58	35	90 362	2 684,762	32 078,258	11,948	11,480
9							59	36	89 531	2 503,617	29 393,495	11,740	11,272
10							60	37	88 635	2 332,750	26 889,878	11,527	11,059
11							61	38	87 667	2 171,554	24 557,128	11,309	10,840
12							62	39	86 640	2 019,871	22 385,574	11,083	10,614
13							63	40	85 545	1 877,022	20 365,702	10,850	10,382
14							64	41	84 403	1 743,041	18 488,681	10,607	10,139
15							65	42	83 147	1 616,088	16 745,640	10,362	9,893
16							66	43	81 822	1 496,786	15 129,552	10,108	9,640
17							67	44	80 386	1 384,019	13 632,766	9,850	9,382
18							68	45	78 860	1 277,806	12 248,747	9,585	9,117
19							69	46	77 252	1 178,182	10 970,869	9,312	8,843
20							70	47	75 527	1 084,124	9 792,687	9,033	8,564
21							71	48	73 687	995,490	8 708,563	8,748	8,280
22							72	49	71 723	911,961	7 713,073	8,458	7,989
23	0	99 101	24 576,191	394 274,295	16,043	15,575	73	50	69 635	833,330	6 801,112	8,161	7,693
24	1	98 737	23 045,555	369 698,104	16,042	15,574	74	51	67 408	759,223	5 967,782	7,860	7,392
25	2	98 656	21 672,075	346 652,549	15,995	15,527	75	52	64 966	688,673	5 208,559	7,563	7,095
26	3	98 587	20 383,005	324 980,474	15,944	15,475	76	53	62 362	622,184	4 519,886	7,265	6,796
27	4	98 519	19 170,716	304 597,469	15,889	15,420	77	54	59 587	559,527	3 897,702	6,966	6,498
28	5	98 445	18 029,457	285 426,753	15,831	15,363	78	55	56 620	500,395	3 338,175	6,671	6,203
29	6	98 376	16 956,990	267 397,296	15,769	15,301	79	56	53 439	444,503	2 837,780	6,384	5,916
30	7	98 302	15 947,636	250 440,306	15,704	15,236	80	57	50 104	392,249	2 393,277	6,101	5,633
31	8	98 231	14 998,648	234 492,670	15,634	15,166	81	58	46 658	343,780	2 001,028	5,821	5,352
32	9	98 154	14 105,260	219 494,022	15,561	15,093	82	59	43 068	298,662	1 657,248	5,549	5,081
33	10	98 075	13 264,865	205 388,762	15,484	15,015	83	60	39 421	257,293	1 358,586	5,280	4,812
34	11	97 993	12 474,164	192 123,897	15,402	14,933	84	61	35 762	219,681	1 101,293	5,013	4,545
35	12	97 908	11 730,139	179 649,734	15,315	14,847	85	62	32 065	185,385	881,612	4,756	4,287
36	13	97 817	11 029,969	167 919,595	15,224	14,756	86	63	28 402	154,545	696,227	4,505	4,037
37	14	97 722	10 371,074	156 889,626	15,128	14,659	87	64	24 799	127,005	541,682	4,265	3,797
38	15	97 619	9 750,692	146 518,552	15,026	14,558	88	65	21 288	102,608	414,677	4,041	3,573
39	16	97 500	9 165,881	136 767,860	14,921	14,453	89	66	17 989	81,607	312,069	3,824	3,356
40	17	97 373	8 615,483	127 601,978	14,811	14,342	90	67	14 852	63,412	230,462	3,634	3,166
41	18	97 232	8 096,988	118 986,496	14,695	14,227	91	68	12 126	48,729	167,050	3,428	2,960
42	19	97 077	7 608,519	110 889,508	14,574	14,106	92	69	9 609	36,342	118,320	3,256	2,787
43	20	96 908	7 148,531	103 280,989	14,448	13,980	93	70	7 450	26,520	81,978	3,091	2,623
44	21	96 714	6 714,540	96 132,458	14,317	13,849	94	71	5 636	18,881	55,459	2,937	2,469
45	22	96 501	6 305,675	89 417,918	14,181	13,712	95	72	4 153	13,094	36,578	2,794	2,325
46	23	96 266	5 920,279	83 112,243	14,039	13,570	96	73	2 975	8,830	23,484	2,659	2,191
47	24	96 006	5 556,975	77 191,963	13,891	13,423	97	74	2 070	5,782	14,654	2,534	2,066
48	25	95 710	5 213,942	71 634,989	13,739	13,271	98	75	1 396	3,669	8,872	2,418	1,949
49	26	95 382	4 890,425	66 421,047	13,582	13,114	99	76	910	2,252	5,202	2,310	1,841
							100	77	573	1,335	2,950	2,209	1,741

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß   6,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	26	95 040	4 586,257	61 583,907	13,428	12,960
1							51	27	94 637	4 298,191	56 997,650	13,261	12,792
2							52	28	94 164	4 025,135	52 699,460	13,093	12,624
3							53	29	93 669	3 768,445	48 674,324	12,916	12,448
4							54	30	93 125	3 526,182	44 905,879	12,735	12,267
5							55	31	92 522	3 297,274	41 379,697	12,550	12,081
6							56	32	91 869	3 081,388	38 082,423	12,359	11,890
7							57	33	91 167	2 877,970	35 001,035	12,162	11,693
8							58	34	90 400	2 685,903	32 123,065	11,960	11,492
9							59	35	89 567	2 504,614	29 437,162	11,753	11,285
10							60	36	88 677	2 333,859	26 932,548	11,540	11,072
11							61	37	87 714	2 172,714	24 598,689	11,322	10,853
12							62	38	86 688	2 020,996	22 425,975	11,096	10,628
13							63	39	85 601	1 878,264	20 404,979	10,864	10,395
14							64	40	84 463	1 744,273	18 526,715	10,621	10,153
15							65	41	83 214	1 617,384	16 782,442	10,376	9,908
16							66	42	81 895	1 498,119	15 165,058	10,123	9,654
17							67	43	80 468	1 385,437	13 666,938	9,865	9,396
18							68	44	78 949	1 279,315	12 281,501	9,600	9,132
19							69	45	77 350	1 179,679	11 002,186	9,326	8,858
20							70	46	75 634	1 085,654	9 822,507	9,048	8,579
21							71	47	73 808	997,121	8 736,853	8,762	8,294
22							72	48	71 850	913,576	7 739,732	8,472	8,004
23							73	49	69 779	835,048	6 826,156	8,175	7,706
24	0	99 050	23 118,440	369 862,899	15,999	15,530	74	50	67 557	760,899	5 991,108	7,874	7,405
25	1	98 682	21 677,797	346 744,459	15,995	15,527	75	51	65 125	690,362	5 230,209	7,576	7,108
26	2	98 602	20 386,041	325 066,662	15,946	15,477	76	52	62 533	623,897	4 539,847	7,277	6,808
27	3	98 530	19 172,858	304 680,621	15,891	15,423	77	53	59 766	561,215	3 915,949	6,978	6,509
28	4	98 457	18 031,606	285 507,763	15,834	15,365	78	54	56 801	501,997	3 354,735	6,683	6,214
29	5	98 386	16 958,704	267 476,156	15,772	15,304	79	55	53 629	446,084	2 852,738	6,395	5,927
30	6	98 311	15 949,025	250 517,452	15,707	15,239	80	56	50 294	393,734	2 406,654	6,112	5,644
31	7	98 240	14 999,935	234 568,427	15,638	15,170	81	57	46 845	345,159	2 012,920	5,832	5,364
32	8	98 161	14 106,299	219 568,492	15,565	15,097	82	58	43 259	299,985	1 667,761	5,559	5,091
33	9	98 082	13 265,780	205 462,193	15,488	15,020	83	59	39 608	258,514	1 367,775	5,291	4,823
34	10	98 000	12 475,049	192 196,413	15,406	14,938	84	60	35 956	220,871	1 109,262	5,022	4,554
35	11	97 915	11 731,077	179 721,364	15,320	14,852	85	61	32 251	186,457	888,390	4,765	4,296
36	12	97 825	11 030,857	167 990,287	15,229	14,761	86	62	28 582	155,526	701,933	4,513	4,045
37	13	97 731	10 372,003	156 959,430	15,133	14,665	87	63	24 967	127,867	546,408	4,273	3,805
38	14	97 630	9 751,749	146 587,427	15,032	14,564	88	64	21 445	103,368	418,541	4,049	3,581
39	15	97 512	9 167,034	136 835,678	14,927	14,459	89	65	18 130	82,250	315,174	3,832	3,364
40	16	97 388	8 616,808	127 668,644	14,816	14,348	90	66	14 980	63,959	232,924	3,642	3,173
41	17	97 248	8 098,287	119 051,835	14,701	14,233	91	67	12 238	49,178	168,965	3,436	2,967
42	18	97 099	7 610,258	110 953,548	14,579	14,111	92	68	9 703	36,699	119,786	3,264	2,796
43	19	96 928	7 150,007	103 343,291	14,454	13,985	93	69	7 530	26,804	83,088	3,100	2,631
44	20	96 736	6 716,031	96 193,283	14,323	13,855	94	70	5 702	19,103	56,283	2,946	2,478
45	21	96 522	6 306,995	89 477,252	14,187	13,719	95	71	4 207	13,265	37,181	2,803	2,335
46	22	96 288	5 921,608	83 170,257	14,045	13,577	96	72	3 019	8,960	23,916	2,669	2,201
47	23	96 028	5 558,245	77 248,649	13,898	13,430	97	73	2 104	5,878	14,956	2,545	2,076
48	24	95 729	5 214,996	71 690,404	13,747	13,279	98	74	1 422	3,739	9,078	2,428	1,960
49	25	95 403	4 891,501	66 475,408	13,590	13,122	99	75	930	2,302	5,340	2,320	1,852
							100	76	588	1,369	3,038	2,220	1,751

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß   6,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	25	95 061	4 587,266	61 632,656	13,436	12,967
1							51	26	94 660	4 299,208	57 045,390	13,269	12,800
2							52	27	94 189	4 026,217	52 746,182	13,101	12,632
3							53	28	93 693	3 769,398	48 719,965	12,925	12,457
4							54	29	93 152	3 527,194	44 950,567	12,744	12,276
5							55	30	92 549	3 298,207	41 423,373	12,559	12,091
6							56	31	91 896	3 082,319	38 125,165	12,369	11,901
7							57	32	91 199	2 878,990	35 042,846	12,172	11,704
8							58	33	90 433	2 686,886	32 163,856	11,971	11,502
9							59	34	89 605	2 505,678	29 476,970	11,764	11,296
10							60	35	88 712	2 334,788	26 971,292	11,552	11,084
11							61	36	87 755	2 173,747	24 636,504	11,334	10,865
12							62	37	86 734	2 022,075	22 462,758	11,109	10,640
13							63	38	85 649	1 879,311	20 440,682	10,877	10,408
14							64	39	84 519	1 745,427	18 561,372	10,634	10,166
15							65	40	83 272	1 618,528	16 815,944	10,390	9,921
16							66	41	81 960	1 499,321	15 197,417	10,136	9,668
17							67	42	80 540	1 386,672	13 698,096	9,878	9,410
18							68	43	79 030	1 280,626	12 311,424	9,614	9,145
19							69	44	77 437	1 181,005	11 030,798	9,340	8,872
20							70	45	75 730	1 087,034	9 849,792	9,061	8,593
21							71	46	73 912	998,528	8 762,759	8,776	8,307
22							72	47	71 968	915,072	7 764,231	8,485	8,016
23							73	48	69 903	836,527	6 849,158	8,188	7,719
24							74	49	67 696	762,468	6 012,631	7,886	7,417
25	0	98 994	21 746,357	346 897,068	15,952	15,484	75	50	65 269	691,886	5 250,163	7,588	7,120
26	1	98 628	20 391,424	325 150,711	15,945	15,477	76	51	62 687	625,427	4 558,277	7,288	6,820
27	2	98 545	19 175,714	304 759,288	15,893	15,425	77	52	59 931	562,760	3 932,849	6,989	6,520
28	3	98 468	18 033,621	285 583,573	15,836	15,368	78	53	56 973	503,511	3 370,090	6,693	6,225
29	4	98 397	16 960,725	267 549,952	15,775	15,306	79	54	53 801	447,512	2 866,579	6,406	5,937
30	5	98 321	15 950,637	250 589,227	15,710	15,242	80	55	50 473	395,134	2 419,067	6,122	5,654
31	6	98 248	15 001,242	234 638,590	15,641	15,173	81	56	47 022	346,466	2 023,933	5,842	5,373
32	7	98 169	14 107,510	219 637,348	15,569	15,100	82	57	43 432	301,189	1 677,467	5,569	5,101
33	8	98 089	13 266,757	205 529,838	15,492	15,024	83	58	39 784	259,659	1 376,277	5,300	4,832
34	9	98 007	12 475,910	192 263,081	15,411	14,942	84	59	36 127	221,919	1 116,618	5,032	4,563
35	10	97 922	11 731,910	179 787,172	15,325	14,856	85	60	32 425	187,467	894,699	4,773	4,304
36	11	97 833	11 031,739	168 055,262	15,234	14,765	86	61	28 747	156,425	707,232	4,521	4,053
37	12	97 739	10 372,838	157 023,523	15,138	14,670	87	62	25 126	128,678	550,807	4,280	3,812
38	13	97 638	9 752,622	146 650,685	15,037	14,569	88	63	21 591	104,069	422,129	4,056	3,588
39	14	97 522	9 168,028	136 898,062	14,932	14,464	89	64	18 265	82,858	318,060	3,839	3,370
40	15	97 400	8 617,892	127 730,034	14,821	14,353	90	65	15 098	64,463	235,202	3,649	3,180
41	16	97 263	8 099,533	119 112,142	14,706	14,238	91	66	12 344	49,603	170,739	3,442	2,974
42	17	97 115	7 611,479	111 012,608	14,585	14,117	92	67	9 793	37,037	121,136	3,271	2,802
43	18	96 951	7 151,641	103 401,129	14,458	13,990	93	68	7 604	27,067	84,099	3,107	2,639
44	19	96 756	6 717,419	96 249,488	14,328	13,860	94	69	5 763	19,308	57,032	2,954	2,486
45	20	96 543	6 308,396	89 532,070	14,193	13,724	95	70	4 256	13,420	37,725	2,811	2,343
46	21	96 308	5 922,847	83 223,674	14,051	13,583	96	71	3 059	9,077	24,304	2,678	2,209
47	22	96 050	5 559,492	77 300,827	13,904	13,436	97	72	2 135	5,964	15,227	2,553	2,085
48	23	95 751	5 216,188	71 741,334	13,754	13,285	98	73	1 446	3,801	9,263	2,437	1,969
49	24	95 422	4 892,490	66 525,146	13,597	13,129	99	74	948	2,345	5,463	2,329	1,861
							100	75	601	1,399	3,117	2,229	1,760

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß   6,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	0	100 000	100 000,000	1 599 286,307	15,993	15,524	50	50	93 336	4 004,669	49 795,738	12,434	11,966
1	1	99 299	93 238,656	1 499 286,307	16,080	15,611	51	51	92 757	3 736,958	45 791,069	12,254	11,785
2	2	99 240	87 496,285	1 406 047,651	16,070	15,601	52	52	92 093	3 483,735	42 054,111	12,072	11,603
3	3	99 207	82 128,396	1 318 551,365	16,055	15,586	53	53	91 380	3 245,802	38 570,376	11,883	11,414
4	4	99 182	77 096,526	1 236 422,970	16,037	15,569	54	54	90 602	3 021,766	35 324,574	11,690	11,221
5	5	99 157	72 372,864	1 159 326,444	16,019	15,550	55	55	89 754	2 810,769	32 302,808	11,493	11,024
6	6	99 136	67 941,531	1 086 953,580	15,998	15,530	56	56	88 831	2 612,075	29 492,038	11,291	10,822
7	7	99 117	63 782,570	1 019 012,049	15,976	15,508	57	57	87 851	2 425,590	26 879,963	11,082	10,613
8	8	99 101	59 879,662	955 229,479	15,952	15,484	58	58	86 796	2 250,197	24 454,373	10,868	10,399
9	9	99 085	56 216,211	895 349,817	15,927	15,458	59	59	85 653	2 085,039	22 204,176	10,649	10,181
10	10	99 070	52 777,389	839 133,605	15,899	15,431	60	60	84 435	1 929,944	20 119,137	10,425	9,956
11	11	99 055	49 548,288	786 356,217	15,871	15,402	61	61	83 107	1 783,657	18 189,193	10,198	9,729
12	12	99 038	46 516,501	736 807,929	15,840	15,371	62	62	81 707	1 646,579	16 405,535	9,963	9,495
13	13	99 019	43 669,090	690 291,427	15,807	15,339	63	63	80 218	1 517,913	14 758,956	9,723	9,254
14	14	98 999	40 995,621	646 622,337	15,773	15,304	64	64	78 670	1 397,768	13 241,043	9,473	9,004
15	15	98 974	38 483,591	605 626,717	15,737	15,269	65	65	76 991	1 284,448	11 843,274	9,221	8,752
16	16	98 944	36 123,850	567 143,126	15,700	15,231	66	66	75 240	1 178,616	10 558,826	8,959	8,490
17	17	98 903	33 905,081	531 019,276	15,662	15,193	67	67	73 362	1 079,065	9 380,210	8,693	8,224
18	18	98 853	31 819,865	497 114,195	15,623	15,154	68	68	71 392	986,003	8 301,145	8,419	7,950
19	19	98 783	29 856,601	465 294,330	15,584	15,116	69	69	69 345	899,278	7 315,141	8,134	7,666
20	20	98 714	28 014,879	435 437,729	15,543	15,074	70	70	67 172	817,928	6 415,863	7,844	7,375
21	21	98 639	26 285,066	407 422,850	15,500	15,031	71	71	64 881	741,812	5 597,935	7,546	7,078
22	22	98 566	24 662,313	381 137,784	15,454	14,986	72	72	62 449	670,428	4 856,123	7,243	6,775
23	23	98 491	23 139,604	356 475,472	15,405	14,937	73	73	59 876	603,578	4 185,695	6,935	6,466
24	24	98 417	21 711,005	333 335,868	15,353	14,885	74	74	57 144	540,882	3 582,117	6,623	6,154
25	25	98 342	20 370,394	311 624,863	15,298	14,829	75	75	54 182	481,540	3 041,235	6,316	5,847
26	26	98 266	19 112,417	291 254,469	15,239	14,770	76	76	51 034	425,884	2 559,695	6,010	5,542
27	27	98 186	17 931,260	272 142,051	15,177	14,708	77	77	47 712	373,861	2 133,812	5,707	5,239
28	28	98 098	16 821,686	254 210,791	15,112	14,643	78	78	44 221	325,357	1 759,950	5,409	4,941
29	29	98 014	15 781,527	237 389,105	15,042	14,573	79	79	40 542	280,083	1 434,594	5,122	4,653
30	30	97 921	14 804,342	221 607,578	14,969	14,500	80	80	36 771	238,525	1 154,510	4,840	4,371
31	31	97 831	13 887,964	206 803,235	14,891	14,422	81	81	32 943	200,652	915,986	4,565	4,096
32	32	97 732	13 027,099	192 915,271	14,809	14,340	82	82	29 089	166,366	715,334	4,300	3,831
33	33	97 625	12 218,693	179 888,172	14,722	14,254	83	83	25 277	135,742	548,967	4,044	3,575
34	34	97 515	11 460,002	167 669,479	14,631	14,162	84	84	21 610	108,963	413,225	3,792	3,324
35	35	97 396	10 747,463	156 209,478	14,535	14,066	85	85	18 078	85,594	304,262	3,555	3,086
36	36	97 276	10 079,027	145 462,015	14,432	13,963	86	86	14 781	65,711	218,668	3,328	2,859
37	37	97 144	9 451,045	135 382,988	14,325	13,856	87	87	11 769	49,129	152,958	3,113	2,645
38	38	97 000	8 861,069	125 931,942	14,212	13,743	88	88	9 075	35,572	103,829	2,919	2,450
39	39	96 839	8 306,480	117 070,873	14,094	13,625	89	89	6 784	24,968	68,257	2,734	2,265
40	40	96 664	7 785,404	108 764,393	13,970	13,502	90	90	4 850	16,760	43,289	2,583	2,114
41	41	96 472	7 295,705	100 978,989	13,841	13,372	91	91	3 378	10,960	26,529	2,420	1,952
42	42	96 263	6 835,562	93 683,284	13,705	13,237	92	92	2 223	6,772	15,568	2,299	1,830
43	43	96 030	6 402,848	86 847,722	13,564	13,095	93	93	1 412	4,040	8,797	2,178	1,709
44	44	95 760	5 995,198	80 444,874	13,418	12,949	94	94	857	2,301	4,757	2,067	1,598
45	45	95 463	5 611,785	74 449,676	13,267	12,798	95	95	495	1,249	2,455	1,966	1,498
46	46	95 130	5 250,937	68 837,891	13,110	12,641	96	96	272	0,644	1,207	1,875	1,406
47	47	94 761	4 911,331	63 586,954	12,947	12,478	97	97	141	0,314	0,563	1,792	1,323
48	48	94 333	4 590,748	58 675,623	12,781	12,313	98	98	69	0,145	0,249	1,717	1,248
49	49	93 864	4 289,138	54 084,875	12,610	12,141	99	99	32	0,063	0,104	1,648	1,179
							100	100	14	0,026	0,041	1,586	1,117

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß   6,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$
0	1	99 685	99 684,731	1 598 295,742	16,034	15,565	50	51	93 130	3 995,846	49 419,151	12,368	11,899
1	2	99 273	93 214,045	1 498 611,011	16,077	15,608	51	52	92 530	3 727,814	45 423,304	12,185	11,716
2	3	99 226	87 483,253	1 405 396,966	16,065	15,596	52	53	91 840	3 474,171	41 695,490	12,002	11,533
3	4	99 196	82 119,219	1 317 913,713	16,049	15,580	53	54	91 105	3 236,043	38 221,319	11,811	11,342
4	5	99 170	77 087,337	1 235 794,494	16,031	15,562	54	55	90 313	3 012,123	34 985,276	11,615	11,146
5	6	99 147	72 365,549	1 158 707,156	16,012	15,543	55	56	89 436	2 800,810	31 973,153	11,416	10,947
6	7	99 128	67 935,614	1 086 341,607	15,991	15,522	56	57	88 496	2 602,222	29 172,342	11,211	10,742
7	8	99 109	63 777,095	1 018 405,993	15,968	15,499	57	58	87 500	2 415,896	26 570,120	10,998	10,529
8	9	99 093	59 875,253	954 628,898	15,944	15,475	58	59	86 413	2 240,269	24 154,224	10,782	10,313
9	10	99 078	56 212,333	894 753,645	15,917	15,449	59	60	85 248	2 075,194	21 913,956	10,560	10,091
10	11	99 063	52 773,643	838 541,311	15,889	15,421	60	61	83 980	1 919,543	19 838,762	10,335	9,866
11	12	99 047	49 544,326	785 767,669	15,860	15,391	61	62	82 629	1 773,407	17 919,219	10,104	9,636
12	13	99 030	46 512,757	736 223,343	15,828	15,360	62	63	81 191	1 636,193	16 145,812	9,868	9,399
13	14	99 010	43 665,178	689 710,586	15,795	15,327	63	64	79 678	1 507,686	14 509,619	9,624	9,155
14	15	98 989	40 991,177	646 045,408	15,761	15,292	64	65	78 092	1 387,496	13 001,933	9,371	8,902
15	16	98 961	38 478,750	605 054,231	15,724	15,256	65	66	76 390	1 274,417	11 614,437	9,114	8,645
16	17	98 928	36 118,291	566 575,480	15,687	15,218	66	67	74 596	1 168,534	10 340,020	8,849	8,380
17	18	98 887	33 899,641	530 457,189	15,648	15,179	67	68	72 692	1 069,211	9 171,487	8,578	8,109
18	19	98 831	31 812,597	496 557,549	15,609	15,140	68	69	70 699	976,429	8 102,275	8,298	7,829
19	20	98 763	29 850,434	464 744,952	15,569	15,100	69	70	68 609	889,727	7 125,847	8,009	7,540
20	21	98 693	28 008,660	434 894,518	15,527	15,058	70	71	66 392	808,436	6 236,120	7,714	7,245
21	22	98 619	26 279,565	406 885,858	15,483	15,014	71	72	64 045	732,259	5 427,684	7,412	6,943
22	23	98 543	24 656,780	380 606,293	15,436	14,967	72	73	61 545	660,722	4 695,424	7,107	6,638
23	24	98 469	23 134,314	355 949,513	15,386	14,917	73	74	58 903	593,763	4 034,703	6,795	6,326
24	25	98 397	21 706,616	332 815,198	15,332	14,864	74	75	56 081	530,817	3 440,940	6,482	6,014
25	26	98 321	20 365,913	311 108,582	15,276	14,807	75	76	53 019	471,207	2 910,123	6,176	5,707
26	27	98 243	19 107,894	290 742,669	15,216	14,747	76	77	49 784	415,453	2 438,915	5,871	5,402
27	28	98 160	17 926,443	271 634,775	15,153	14,684	77	78	46 390	363,497	2 023,463	5,567	5,098
28	29	98 073	16 817,433	253 708,332	15,086	14,617	78	79	42 803	314,923	1 659,966	5,271	4,802
29	30	97 986	15 776,999	236 890,899	15,015	14,546	79	80	39 070	269,915	1 345,043	4,983	4,514
30	31	97 894	14 800,152	221 113,900	14,940	14,471	80	81	35 235	228,563	1 075,129	4,704	4,235
31	32	97 801	13 883,770	206 313,748	14,860	14,391	81	82	31 375	191,103	846,566	4,430	3,961
32	33	97 697	13 022,481	192 429,978	14,777	14,308	82	83	27 485	157,192	655,463	4,170	3,701
33	34	97 589	12 214,225	179 407,497	14,688	14,220	83	84	23 692	127,229	498,271	3,916	3,448
34	35	97 474	11 455,134	167 193,272	14,595	14,127	84	85	20 047	101,083	371,042	3,671	3,202
35	36	97 358	10 743,188	155 738,138	14,496	14,028	85	86	16 582	78,511	269,958	3,438	2,970
36	37	97 230	10 074,237	144 994,950	14,393	13,924	86	87	13 388	59,519	191,448	3,217	2,748
37	38	97 092	9 446,002	134 920,713	14,283	13,815	87	88	10 495	43,809	131,928	3,011	2,543
38	39	96 946	8 856,136	125 474,711	14,168	13,699	88	89	7 966	31,222	88,120	2,822	2,354
39	40	96 775	8 300,985	116 618,575	14,049	13,580	89	90	5 824	21,435	56,898	2,654	2,186
40	41	96 596	7 779,906	108 317,590	13,923	13,454	90	91	4 099	14,166	35,463	2,503	2,035
41	42	96 395	7 289,857	100 537,684	13,791	13,323	91	92	2 778	9,013	21,297	2,363	1,894
42	43	96 177	6 829,478	93 247,827	13,654	13,185	92	93	1 802	5,490	12,285	2,238	1,769
43	44	95 932	6 396,292	86 418,349	13,511	13,042	93	94	1 119	3,203	6,794	2,122	1,653
44	45	95 653	5 988,464	80 022,057	13,363	12,894	94	95	663	1,782	3,592	2,016	1,547
45	46	95 341	5 604,662	74 033,593	13,209	12,741	95	96	374	0,943	1,810	1,920	1,451
46	47	94 996	5 243,538	68 428,931	13,050	12,581	96	97	200	0,473	0,867	1,833	1,364
47	48	94 606	4 903,301	63 185,393	12,886	12,418	97	98	101	0,225	0,394	1,754	1,285
48	49	94 166	4 582,629	58 282,092	12,718	12,249	98	99	48	0,101	0,169	1,682	1,213
49	50	93 671	4 280,312	53 699,463	12,546	12,077	99	100	22	0,042	0,069	1,617	1,148

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß   6,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	2	99 658	99 658,418	1 597 560,760	16,030	15,562	50	52	92 902	3 986,069	49 012,073	12,296	11,827
1	3	99 258	93 200,161	1 497 902,342	16,072	15,603	51	53	92 276	3 717,580	45 026,004	12,112	11,643
2	4	99 215	87 473,479	1 404 702,181	16,059	15,590	52	54	91 564	3 463,726	41 308,424	11,926	11,457
3	5	99 184	82 109,432	1 317 228,702	16,042	15,574	53	55	90 815	3 225,716	37 844,698	11,732	11,263
4	6	99 160	77 079,546	1 235 119,270	16,024	15,555	54	56	89 993	3 001,451	34 618,982	11,534	11,065
5	7	99 138	72 359,247	1 158 039,724	16,004	15,535	55	57	89 099	2 790,245	31 617,531	11,331	10,863
6	8	99 119	67 929,784	1 085 680,477	15,982	15,514	56	58	88 142	2 591,822	28 827,286	11,122	10,654
7	9	99 101	63 772,398	1 017 750,694	15,959	15,490	57	59	87 113	2 405,236	26 235,464	10,908	10,439
8	10	99 086	59 871,122	953 978,295	15,934	15,465	58	60	86 005	2 229,690	23 830,228	10,688	10,219
9	11	99 071	56 208,344	894 107,173	15,907	15,438	59	61	84 789	2 064,010	21 600,538	10,465	9,997
10	12	99 055	52 769,423	837 898,829	15,878	15,410	60	62	83 497	1 908,512	19 536,528	10,237	9,768
11	13	99 039	49 540,337	785 129,406	15,848	15,380	61	63	82 108	1 762,221	17 628,016	10,003	9,535
12	14	99 021	46 508,590	735 589,069	15,816	15,347	62	64	80 644	1 625,169	15 865,795	9,763	9,294
13	15	99 000	43 660,445	689 080,479	15,783	15,314	63	65	79 092	1 496,605	14 240,626	9,515	9,047
14	16	98 976	40 986,021	645 420,033	15,747	15,279	64	66	77 482	1 376,660	12 744,021	9,257	8,788
15	17	98 946	38 472,830	604 434,012	15,711	15,242	65	67	75 736	1 263,515	11 367,362	8,997	8,528
16	18	98 913	36 112,495	565 961,183	15,672	15,203	66	68	73 915	1 157,862	10 103,846	8,726	8,258
17	19	98 864	33 891,897	529 848,687	15,633	15,165	67	69	71 986	1 058,828	8 945,984	8,449	7,980
18	20	98 810	31 806,026	495 956,790	15,593	15,124	68	70	69 948	966,057	7 887,156	8,164	7,696
19	21	98 741	29 843,808	464 150,764	15,553	15,084	69	71	67 813	879,402	6 921,098	7,870	7,401
20	22	98 672	28 002,798	434 306,956	15,509	15,041	70	72	65 537	798,026	6 041,696	7,571	7,102
21	23	98 597	26 273,669	406 304,158	15,464	14,996	71	73	63 118	721,658	5 243,671	7,266	6,797
22	24	98 521	24 651,144	380 030,489	15,416	14,948	72	74	60 544	649,977	4 522,013	6,957	6,488
23	25	98 449	23 129,638	355 379,345	15,365	14,896	73	75	57 807	582,714	3 872,035	6,645	6,176
24	26	98 376	21 701,841	332 249,707	15,310	14,841	74	76	54 878	519,427	3 289,321	6,333	5,864
25	27	98 297	20 361,093	310 547,865	15,252	14,783	75	77	51 721	459,666	2 769,893	6,026	5,557
26	28	98 217	19 102,761	290 186,772	15,191	14,722	76	78	48 404	403,935	2 310,228	5,719	5,251
27	29	98 135	17 921,910	271 084,011	15,126	14,657	77	79	44 902	351,840	1 906,293	5,418	4,949
28	30	98 045	16 812,607	253 162,102	15,058	14,589	78	80	41 249	303,489	1 554,453	5,122	4,653
29	31	97 958	15 772,534	236 349,494	14,985	14,516	79	81	37 438	258,641	1 250,964	4,837	4,368
30	32	97 864	14 795,682	220 576,960	14,908	14,439	80	82	33 558	217,685	992,322	4,559	4,090
31	33	97 767	13 878,848	205 781,278	14,827	14,358	81	83	29 645	180,564	774,637	4,290	3,821
32	34	97 661	13 017,719	191 902,430	14,742	14,273	82	84	25 762	147,334	594,072	4,032	3,563
33	35	97 548	12 209,037	178 884,710	14,652	14,183	83	85	21 979	118,029	446,738	3,785	3,316
34	36	97 435	11 450,578	166 675,673	14,556	14,087	84	86	18 388	92,718	328,709	3,545	3,077
35	37	97 311	10 738,083	155 225,096	14,456	13,987	85	87	15 020	71,113	235,991	3,319	2,850
36	38	97 178	10 068,861	144 487,013	14,350	13,881	86	88	11 938	53,074	164,878	3,107	2,638
37	39	97 038	9 440,743	134 418,152	14,238	13,769	87	89	9 211	38,452	111,804	2,908	2,439
38	40	96 882	8 850,277	124 977,409	14,121	13,653	88	90	6 838	26,803	73,352	2,737	2,268
39	41	96 707	8 295,123	116 127,132	13,999	13,531	89	91	4 923	18,117	46,549	2,569	2,101
40	42	96 518	7 773,670	107 832,009	13,871	13,403	90	92	3 371	11,649	28,432	2,441	1,972
41	43	96 309	7 283,369	100 058,339	13,738	13,269	91	93	2 252	7,307	16,784	2,297	1,828
42	44	96 078	6 822,485	92 774,970	13,598	13,130	92	94	1 429	4,352	9,476	2,177	1,709
43	45	95 824	6 389,108	85 952,485	13,453	12,984	93	95	867	2,479	5,124	2,067	1,598
44	46	95 532	5 980,864	79 563,378	13,303	12,834	94	96	501	1,345	2,645	1,966	1,498
45	47	95 207	5 596,764	73 582,514	13,147	12,679	95	97	275	0,693	1,300	1,875	1,406
46	48	94 841	5 234,964	67 985,750	12,987	12,518	96	98	143	0,338	0,607	1,792	1,323
47	49	94 439	4 894,630	62 750,786	12,820	12,352	97	99	70	0,156	0,268	1,717	1,248
48	50	93 973	4 573,200	57 856,156	12,651	12,182	98	100	33	0,068	0,112	1,648	1,180
49	51	93 465	4 270,883	53 282,956	12,476	12,007							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß   6,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$
0	3	99 644	99 643,575	1 596 789,547	16,025	15,556	50	53	92 647	3 975,126	48 572,833	12,219	11,750
1	4	99 247	93 189,748	1 497 145,972	16,066	15,597	51	54	91 999	3 706,403	44 597,707	12,033	11,564
2	5	99 203	87 463,054	1 403 956,225	16,052	15,583	52	55	91 271	3 452,672	40 891,304	11,843	11,375
3	6	99 174	82 101,133	1 316 493,171	16,035	15,566	53	56	90 493	3 214,287	37 438,632	11,648	11,179
4	7	99 152	77 072,833	1 234 392,038	16,016	15,547	54	57	89 654	2 990,129	34 224,345	11,446	10,977
5	8	99 130	72 353,036	1 157 319,205	15,995	15,527	55	58	88 742	2 779,094	31 234,216	11,239	10,770
6	9	99 112	67 924,781	1 084 966,169	15,973	15,504	56	59	87 753	2 580,386	28 455,122	11,027	10,559
7	10	99 095	63 767,999	1 017 041,388	15,949	15,480	57	60	86 702	2 393,879	25 874,736	10,809	10,340
8	11	99 079	59 866,873	953 273,388	15,923	15,454	58	61	85 541	2 217,673	23 480,857	10,588	10,119
9	12	99 063	56 203,849	893 406,515	15,896	15,427	59	62	84 302	2 052,149	21 263,184	10,361	9,893
10	13	99 047	52 765,175	837 202,666	15,867	15,398	60	63	82 970	1 896,473	19 211,035	10,130	9,661
11	14	99 030	49 535,900	784 437,491	15,836	15,367	61	64	81 555	1 750,348	17 314,562	9,892	9,423
12	15	99 011	46 503,549	734 901,592	15,803	15,334	62	65	80 052	1 613,225	15 564,214	9,648	9,179
13	16	98 987	43 654,953	688 398,042	15,769	15,300	63	66	78 474	1 484,917	13 950,990	9,395	8,926
14	17	98 961	40 979,714	644 743,089	15,733	15,264	64	67	76 819	1 364,883	12 466,073	9,133	8,665
15	18	98 930	38 466,656	603 763,375	15,696	15,227	65	68	75 045	1 251,977	11 101,189	8,867	8,398
16	19	98 890	36 104,247	565 296,719	15,657	15,189	66	69	73 197	1 146,619	9 849,213	8,590	8,121
17	20	98 844	33 884,897	529 192,472	15,617	15,149	67	70	71 222	1 047,582	8 702,594	8,307	7,839
18	21	98 788	31 798,965	495 307,575	15,576	15,107	68	71	69 136	954,847	7 655,012	8,017	7,548
19	22	98 720	29 837,562	463 508,609	15,534	15,066	69	72	66 939	868,077	6 700,166	7,718	7,250
20	23	98 650	27 996,517	433 671,048	15,490	15,021	70	73	64 589	786,472	5 832,088	7,416	6,947
21	24	98 574	26 267,664	405 674,531	15,444	14,975	71	74	62 092	709,923	5 045,616	7,107	6,639
22	25	98 501	24 646,161	379 406,867	15,394	14,925	72	75	59 417	637,883	4 335,693	6,797	6,328
23	26	98 427	23 124,550	354 760,706	15,341	14,873	73	76	56 566	570,211	3 697,810	6,485	6,016
24	27	98 352	21 696,705	331 636,156	15,285	14,816	74	77	53 534	506,705	3 127,599	6,172	5,704
25	28	98 271	20 355,623	309 939,451	15,226	14,757	75	78	50 287	446,922	2 620,894	5,864	5,396
26	29	98 192	19 097,930	289 583,828	15,163	14,694	76	79	46 852	390,981	2 173,972	5,560	5,092
27	30	98 107	17 916,767	270 485,897	15,097	14,628	77	80	43 272	339,066	1 782,991	5,259	4,790
28	31	98 017	16 807,849	252 569,130	15,027	14,558	78	81	39 526	290,814	1 443,925	4,965	4,496
29	32	97 928	15 767,770	235 761,281	14,952	14,483	79	82	35 657	246,333	1 153,111	4,681	4,212
30	33	97 829	14 790,438	219 993,511	14,874	14,405	80	83	31 708	205,681	906,778	4,409	3,940
31	34	97 731	13 873,774	205 203,073	14,791	14,322	81	84	27 786	169,241	701,097	4,143	3,674
32	35	97 620	13 012,190	191 329,300	14,704	14,235	82	85	23 899	136,680	531,856	3,891	3,423
33	36	97 509	12 204,181	178 317,110	14,611	14,142	83	86	20 160	108,261	395,176	3,650	3,181
34	37	97 388	11 445,136	166 112,929	14,514	14,045	84	87	16 655	83,982	286,915	3,416	2,948
35	38	97 259	10 732,352	154 667,793	14,411	13,943	85	88	13 393	63,412	202,933	3,200	2,731
36	39	97 124	10 063,255	143 935,441	14,303	13,834	86	89	10 478	46,583	139,521	2,995	2,526
37	40	96 974	9 434,497	133 872,185	14,190	13,721	87	90	7 908	33,010	92,937	2,815	2,347
38	41	96 813	8 844,027	124 437,688	14,070	13,602	88	91	5 780	22,654	59,927	2,645	2,177
39	42	96 629	8 288,474	115 593,661	13,946	13,478	89	92	4 048	14,898	37,273	2,502	2,033
40	43	96 433	7 766,751	107 305,187	13,816	13,347	90	93	2 733	9,444	22,375	2,369	1,900
41	44	96 210	7 275,911	99 538,436	13,681	13,212	91	94	1 785	5,793	12,931	2,232	1,763
42	45	95 971	6 814,822	92 262,525	13,539	13,070	92	95	1 106	3,369	7,138	2,118	1,650
43	46	95 702	6 380,998	85 447,703	13,391	12,922	93	96	654	1,872	3,769	2,013	1,545
44	47	95 397	5 972,436	79 066,704	13,239	12,770	94	97	368	0,989	1,897	1,918	1,449
45	48	95 051	5 587,613	73 094,268	13,081	12,613	95	98	197	0,496	0,908	1,831	1,362
46	49	94 673	5 225,706	67 506,655	12,918	12,449	96	99	99	0,235	0,412	1,752	1,284
47	50	94 245	4 884,558	62 280,949	12,751	12,282	97	100	47	0,105	0,177	1,681	1,212
48	51	93 766	4 563,125	57 396,391	12,578	12,110							
49	52	93 236	4 260,433	52 833,266	12,401	11,932							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß   6,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	4	99 632	99 632,441	1 595 966,862	16,019	15,550	50	54	92 368	3 963,175	48 099,926	12,137	11,668
1	5	99 235	93 178,641	1 496 334,420	16,059	15,590	51	55	91 705	3 694,575	44 136,751	11,946	11,478
2	6	99 193	87 454,213	1 403 155,779	16,044	15,576	52	56	90 948	3 440,439	40 442,176	11,755	11,286
3	7	99 165	82 093,983	1 315 701,566	16,027	15,558	53	57	90 151	3 202,162	37 001,738	11,555	11,086
4	8	99 143	77 066,218	1 233 607,583	16,007	15,538	54	58	89 295	2 978,178	33 799,575	11,349	10,880
5	9	99 123	72 347,708	1 156 541,365	15,986	15,517	55	59	88 351	2 766,832	30 821,397	11,140	10,671
6	10	99 105	67 920,095	1 084 193,657	15,963	15,494	56	60	87 339	2 568,201	28 054,565	10,924	10,455
7	11	99 088	63 763,474	1 016 273,562	15,938	15,469	57	61	86 235	2 380,977	25 486,364	10,704	10,235
8	12	99 071	59 862,086	952 510,088	15,912	15,443	58	62	85 050	2 204,929	23 105,387	10,479	10,010
9	13	99 055	56 199,325	892 648,002	15,884	15,415	59	63	83 770	2 039,204	20 900,458	10,249	9,781
10	14	99 039	52 760,448	836 448,678	15,854	15,385	60	64	82 411	1 883,695	18 861,253	10,013	9,544
11	15	99 019	49 530,531	783 688,229	15,822	15,354	61	65	80 956	1 737,484	16 977,558	9,771	9,303
12	16	98 998	46 497,700	734 157,699	15,789	15,320	62	66	79 427	1 600,626	15 240,074	9,521	9,053
13	17	98 972	43 648,236	687 659,999	15,755	15,286	63	67	77 803	1 472,215	13 639,449	9,265	8,796
14	18	98 945	40 973,138	644 011,763	15,718	15,249	64	68	76 118	1 352,419	12 167,234	8,997	8,528
15	19	98 908	38 457,869	603 038,625	15,681	15,212	65	69	74 316	1 239,819	10 814,815	8,723	8,254
16	20	98 869	36 096,790	564 580,755	15,641	15,172	66	70	72 420	1 134,440	9 574,996	8,440	7,972
17	21	98 822	33 877,375	528 483,965	15,600	15,131	67	71	70 395	1 035,425	8 440,557	8,152	7,683
18	22	98 768	31 792,310	494 606,590	15,557	15,089	68	72	68 246	942,551	7 405,131	7,856	7,388
19	23	98 698	29 830,868	462 814,280	15,515	15,046	69	73	65 970	855,510	6 462,581	7,554	7,085
20	24	98 627	27 990,117	432 983,412	15,469	15,000	70	74	63 538	773,683	5 607,071	7,247	6,779
21	25	98 554	26 262,354	404 993,295	15,421	14,952	71	75	60 936	696,713	4 833,388	6,937	6,469
22	26	98 479	24 640,739	378 730,941	15,370	14,901	72	76	58 142	624,195	4 136,675	6,627	6,158
23	27	98 404	23 119,077	354 090,201	15,316	14,847	73	77	55 181	556,245	3 512,479	6,315	5,846
24	28	98 326	21 690,876	330 971,124	15,259	14,790	74	78	52 049	492,657	2 956,235	6,001	5,532
25	29	98 246	20 350,476	309 280,248	15,198	14,729	75	79	48 674	432,590	2 463,577	5,695	5,226
26	30	98 164	19 092,451	288 929,771	15,133	14,664	76	80	45 151	376,786	2 030,987	5,390	4,922
27	31	98 079	17 911,696	269 837,321	15,065	14,596	77	81	41 464	324,905	1 654,201	5,091	4,623
28	32	97 987	16 802,772	251 925,624	14,993	14,524	78	82	37 645	276,974	1 329,296	4,799	4,331
29	33	97 894	15 762,181	235 122,852	14,917	14,448	79	83	33 690	232,749	1 052,322	4,521	4,053
30	34	97 794	14 785,030	219 360,671	14,837	14,368	80	84	29 719	192,783	819,573	4,251	3,783
31	35	97 690	13 867,880	204 575,641	14,752	14,283	81	85	25 776	157,002	626,791	3,992	3,524
32	36	97 581	13 007,014	190 707,761	14,662	14,193	82	86	21 921	125,369	469,789	3,747	3,279
33	37	97 463	12 198,381	177 700,747	14,568	14,099	83	87	18 260	98,061	344,419	3,512	3,044
34	38	97 337	11 439,028	165 502,365	14,468	13,999	84	88	14 852	74,887	246,359	3,290	2,821
35	39	97 205	10 726,377	154 063,337	14,363	13,894	85	89	11 756	55,658	171,471	3,081	2,612
36	40	97 059	10 056,598	143 336,960	14,253	13,784	86	90	8 996	39,991	115,814	2,896	2,427
37	41	96 905	9 427,834	133 280,362	14,137	13,668	87	91	6 684	27,900	75,823	2,718	2,249
38	42	96 736	8 836,938	123 852,528	14,015	13,547	88	92	4 753	18,629	47,922	2,572	2,104
39	43	96 543	8 281,097	115 015,589	13,889	13,420	89	93	3 282	12,079	29,293	2,425	1,956
40	44	96 334	7 758,799	106 734,493	13,757	13,288	90	94	2 167	7,487	17,215	2,299	1,831
41	45	96 102	7 267,739	98 975,694	13,618	13,150	91	95	1 382	4,484	9,728	2,169	1,701
42	46	95 849	6 806,173	91 707,955	13,474	13,005	92	96	835	2,544	5,243	2,061	1,593
43	47	95 567	6 372,007	84 901,782	13,324	12,855	93	97	481	1,376	2,700	1,962	1,493
44	48	95 241	5 962,670	78 529,776	13,170	12,701	94	98	263	0,707	1,324	1,871	1,402
45	49	94 883	5 577,732	72 567,105	13,010	12,541	95	99	137	0,344	0,616	1,789	1,320
46	50	94 478	5 214,954	66 989,373	12,846	12,377	96	100	67	0,159	0,272	1,714	1,245
47	51	94 037	4 873,797	61 774,420	12,675	12,206							
48	52	93 536	4 551,960	56 900,622	12,500	12,032							
49	53	92 980	4 248,736	52 348,662	12,321	11,852							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß   6,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	5	99 621	99 620,567	1 595 084,775	16,012	15,543	50	55	92 074	3 950,527	47 591,641	12,047	11,578
1	6	99 225	93 169,223	1 495 464,208	16,051	15,582	51	56	91 380	3 681,484	43 641,113	11,854	11,385
2	7	99 184	87 446,597	1 402 294,985	16,036	15,567	52	57	90 605	3 427,461	39 959,629	11,659	11,190
3	8	99 157	82 086,937	1 314 848,388	16,018	15,549	53	58	89 791	3 189,365	36 532,168	11,454	10,986
4	9	99 136	77 060,542	1 232 761,451	15,997	15,529	54	59	88 901	2 965,038	33 342,804	11,245	10,777
5	10	99 116	72 342,717	1 155 700,908	15,975	15,507	55	60	87 934	2 753,767	30 377,766	11,031	10,563
6	11	99 098	67 915,275	1 083 358,191	15,952	15,483	56	61	86 868	2 554,360	27 623,999	10,814	10,346
7	12	99 080	63 758,375	1 015 442,916	15,926	15,458	57	62	85 739	2 367,295	25 069,639	10,590	10,121
8	13	99 064	59 857,267	951 684,542	15,899	15,430	58	63	84 513	2 191,021	22 702,344	10,362	9,893
9	14	99 046	56 194,291	891 827,275	15,870	15,402	59	64	83 205	2 025,465	20 511,323	10,127	9,658
10	15	99 028	52 754,730	835 632,984	15,840	15,371	60	65	81 806	1 869,851	18 485,859	9,886	9,418
11	16	99 007	49 524,300	782 878,254	15,808	15,339	61	66	80 323	1 723,914	16 616,008	9,639	9,170
12	17	98 983	46 490,545	733 353,954	15,774	15,306	62	67	78 747	1 586,933	14 892,094	9,384	8,915
13	18	98 956	43 641,232	686 863,409	15,739	15,270	63	68	77 092	1 458,770	13 305,160	9,121	8,652
14	19	98 922	40 963,779	643 222,177	15,702	15,233	64	69	75 379	1 339,286	11 846,390	8,845	8,377
15	20	98 887	38 449,926	602 258,398	15,663	15,195	65	70	73 527	1 226,650	10 507,104	8,566	8,097
16	21	98 848	36 088,777	563 808,472	15,623	15,154	66	71	71 579	1 121,275	9 280,454	8,277	7,808
17	22	98 801	33 870,285	527 719,695	15,581	15,112	67	72	69 489	1 022,092	8 159,179	7,983	7,514
18	23	98 746	31 785,178	493 849,410	15,537	15,068	68	73	67 258	928,905	7 137,087	7,683	7,215
19	24	98 675	29 824,049	462 064,231	15,493	15,024	69	74	64 897	841,598	6 208,182	7,377	6,908
20	25	98 607	27 984,459	432 240,182	15,446	14,977	70	75	62 356	759,287	5 366,584	7,068	6,599
21	26	98 533	26 256,577	404 255,723	15,396	14,928	71	76	59 629	681,763	4 607,297	6,758	6,289
22	27	98 456	24 634,908	377 999,146	15,344	14,875	72	77	56 718	608,907	3 925,534	6,447	5,978
23	28	98 377	23 112,866	353 364,238	15,289	14,820	73	78	53 651	540,823	3 316,627	6,133	5,664
24	29	98 301	21 685,391	330 251,372	15,229	14,760	74	79	50 380	476,859	2 775,804	5,821	5,352
25	30	98 218	20 344,637	308 565,981	15,167	14,698	75	80	46 907	416,885	2 298,945	5,515	5,046
26	31	98 136	19 087,047	288 221,344	15,100	14,632	76	81	43 265	361,050	1 882,061	5,213	4,744
27	32	98 049	17 906,287	269 134,297	15,030	14,561	77	82	39 491	309,442	1 521,011	4,915	4,447
28	33	97 953	16 796,816	251 228,010	14,957	14,488	78	83	35 569	261,700	1 211,569	4,630	4,161
29	34	97 858	15 756,418	234 431,194	14,878	14,410	79	84	31 578	218,153	949,868	4,354	3,885
30	35	97 752	14 778,749	218 674,776	14,797	14,328	80	85	27 570	178,841	731,716	4,091	3,623
31	36	97 651	13 862,364	203 896,026	14,709	14,240	81	86	23 643	144,010	552,874	3,839	3,370
32	37	97 535	13 000,833	190 033,662	14,617	14,148	82	87	19 855	113,556	408,865	3,601	3,132
33	38	97 411	12 191,871	177 032,829	14,521	14,052	83	88	16 283	87,442	295,308	3,377	2,908
34	39	97 282	11 432,660	164 840,958	14,418	13,950	84	89	13 036	65,730	207,867	3,162	2,694
35	40	97 141	10 719,281	153 408,298	14,311	13,843	85	90	10 092	47,781	142,137	2,975	2,506
36	41	96 991	10 049,496	142 689,017	14,199	13,730	86	91	7 603	33,801	94,356	2,792	2,323
37	42	96 828	9 420,278	132 639,521	14,080	13,611	87	92	5 496	22,943	60,555	2,639	2,171
38	43	96 650	8 829,073	123 219,243	13,956	13,487	88	93	3 853	15,104	37,612	2,490	2,022
39	44	96 445	8 272,617	114 390,170	13,828	13,359	89	94	2 602	9,575	22,509	2,351	1,882
40	45	96 226	7 750,084	106 117,553	13,692	13,224	90	95	1 677	5,796	12,933	2,231	1,763
41	46	95 980	7 258,515	98 367,469	13,552	13,083	91	96	1 043	3,385	7,137	2,108	1,640
42	47	95 714	6 796,582	91 108,954	13,405	12,936	92	97	614	1,870	3,752	2,006	1,537
43	48	95 411	6 361,588	84 312,372	13,253	12,785	93	98	344	0,984	1,882	1,912	1,443
44	49	95 072	5 952,126	77 950,784	13,096	12,628	94	99	183	0,491	0,897	1,826	1,357
45	50	94 688	5 566,255	71 998,659	12,935	12,466	95	100	92	0,232	0,406	1,748	1,279
46	51	94 270	5 203,465	66 432,404	12,767	12,298							
47	52	93 807	4 861,872	61 228,939	12,594	12,125							
48	53	93 279	4 539,463	56 367,066	12,417	11,948							
49	54	92 701	4 235,962	51 827,603	12,235	11,766							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß   6,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	6	99 610	99 610,498	1 594 139,655	16,004	15,535	50	56	91 747	3 936,530	47 045,886	11,951	11,482
1	7	99 217	93 161,109	1 494 529,157	16,042	15,574	51	57	91 036	3 667,597	43 109,356	11,754	11,285
2	8	99 176	87 439,092	1 401 368,048	16,027	15,558	52	58	90 243	3 413,763	39 441,759	11,554	11,085
3	9	99 150	82 080,892	1 313 928,956	16,008	15,539	53	59	89 395	3 175,292	36 027,996	11,346	10,878
4	10	99 129	77 055,226	1 231 848,064	15,987	15,518	54	60	88 482	2 951,037	32 852,704	11,133	10,664
5	11	99 109	72 337,583	1 154 792,838	15,964	15,495	55	61	87 460	2 738,926	29 901,667	10,917	10,449
6	12	99 090	67 909,844	1 082 455,255	15,940	15,471	56	62	86 369	2 539,681	27 162,742	10,695	10,227
7	13	99 072	63 753,242	1 014 545,411	15,914	15,445	57	63	85 198	2 352,363	24 623,061	10,467	9,999
8	14	99 055	59 851,905	950 792,169	15,886	15,417	58	64	83 944	2 176,258	22 270,698	10,233	9,765
9	15	99 036	56 188,200	890 940,264	15,856	15,388	59	65	82 594	2 010,579	20 094,440	9,994	9,526
10	16	99 015	52 748,094	834 752,064	15,825	15,357	60	66	81 167	1 855,248	18 083,861	9,747	9,279
11	17	98 991	49 516,680	782 003,970	15,793	15,324	61	67	79 636	1 709,167	16 228,613	9,495	9,026
12	18	98 967	46 483,085	732 487,290	15,758	15,289	62	68	78 028	1 572,441	14 519,446	9,234	8,765
13	19	98 933	43 631,264	686 004,206	15,723	15,254	63	69	76 344	1 444,604	12 947,005	8,962	8,494
14	20	98 902	40 955,319	642 372,942	15,685	15,216	64	70	74 578	1 325,061	11 502,401	8,681	8,212
15	21	98 865	38 441,391	601 417,623	15,645	15,176	65	71	72 673	1 212,415	10 177,340	8,394	7,926
16	22	98 827	36 081,224	562 976,232	15,603	15,134	66	72	70 657	1 106,836	8 964,925	8,100	7,631
17	23	98 779	33 862,687	526 895,009	15,560	15,091	67	73	68 483	1 007,294	7 858,089	7,801	7,332
18	24	98 723	31 777,913	493 032,322	15,515	15,046	68	74	66 164	913,800	6 850,794	7,497	7,028
19	25	98 656	29 818,021	461 254,409	15,469	15,000	69	75	63 690	825,938	5 936,995	7,188	6,719
20	26	98 586	27 978,303	431 436,388	15,420	14,952	70	76	61 018	742,994	5 111,057	6,879	6,410
21	27	98 509	26 250,363	403 458,085	15,370	14,901	71	77	58 168	665,065	4 368,062	6,568	6,099
22	28	98 430	24 628,290	377 207,722	15,316	14,847	72	78	55 146	592,026	3 702,998	6,255	5,786
23	29	98 352	23 107,022	352 579,433	15,259	14,790	73	79	51 930	523,480	3 110,972	5,943	5,474
24	30	98 273	21 679,169	329 472,411	15,198	14,729	74	80	48 551	459,546	2 587,492	5,631	5,162
25	31	98 190	20 338,879	307 793,241	15,133	14,665	75	81	44 948	399,473	2 127,946	5,327	4,858
26	32	98 106	19 081,282	287 454,362	15,065	14,596	76	82	41 206	343,867	1 728,473	5,027	4,558
27	33	98 015	17 899,939	268 373,080	14,993	14,524	77	83	37 313	292,378	1 384,605	4,736	4,267
28	34	97 917	16 790,675	250 473,141	14,917	14,449	78	84	33 339	245,289	1 092,227	4,453	3,984
29	35	97 816	15 749,725	233 682,466	14,837	14,368	79	85	29 294	202,377	846,938	4,185	3,716
30	36	97 713	14 772,871	217 932,741	14,752	14,283	80	86	25 288	164,041	644,561	3,929	3,461
31	37	97 604	13 855,777	203 159,870	14,662	14,194	81	87	21 416	130,441	480,520	3,684	3,215
32	38	97 483	12 993,895	189 304,093	14,569	14,100	82	88	17 705	101,259	350,079	3,457	2,989
33	39	97 357	12 185,084	176 310,199	14,469	14,001	83	89	14 292	76,749	248,820	3,242	2,773
34	40	97 218	11 425,096	164 125,115	14,365	13,897	84	90	11 191	56,428	172,072	3,049	2,581
35	41	97 072	10 711,711	152 700,018	14,255	13,787	85	91	8 530	40,385	115,644	2,864	2,395
36	42	96 913	10 041,441	141 988,308	14,140	13,671	86	92	6 252	27,795	75,259	2,708	2,239
37	43	96 741	9 411,893	131 946,866	14,019	13,550	87	93	4 456	18,601	47,464	2,552	2,083
38	44	96 551	8 820,032	122 534,973	13,893	13,424	88	94	3 055	11,974	28,863	2,411	1,942
39	45	96 336	8 263,326	113 714,941	13,761	13,293	89	95	2 014	7,412	16,889	2,278	1,810
40	46	96 103	7 740,248	105 451,615	13,624	13,155	90	96	1 266	4,376	9,477	2,166	1,697
41	47	95 845	7 248,286	97 711,367	13,481	13,012	91	97	767	2,489	5,101	2,049	1,581
42	48	95 557	6 785,469	90 463,081	13,332	12,863	92	98	439	1,338	2,612	1,953	1,484
43	49	95 242	6 350,338	83 677,612	13,177	12,708	93	99	239	0,684	1,274	1,863	1,394
44	50	94 877	5 939,878	77 327,274	13,018	12,550	94	100	123	0,331	0,590	1,782	1,313
45	51	94 480	5 553,992	71 387,396	12,853	12,385							
46	52	94 040	5 190,733	65 833,404	12,683	12,214							
47	53	93 549	4 848,525	60 642,670	12,507	12,039							
48	54	92 999	4 525,815	55 794,146	12,328	11,859							
49	55	92 405	4 222,444	51 268,330	12,142	11,673							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß   6,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	7	99 602	99 601,823	1 593 124,985	15,995	15,526	50	57	91 401	3 921,681	46 461,201	11,847	11,379
1	8	99 208	93 153,114	1 493 523,162	16,033	15,564	51	58	90 672	3 652,939	42 539,520	11,645	11,177
2	9	99 168	87 432,652	1 400 370,049	16,017	15,548	52	59	89 845	3 398,700	38 886,581	11,442	10,973
3	10	99 143	82 075,229	1 312 937,397	15,997	15,528	53	60	88 973	3 160,298	35 487,881	11,229	10,761
4	11	99 122	77 049,758	1 230 862,167	15,975	15,506	54	61	88 005	2 935,133	32 327,583	11,014	10,545
5	12	99 101	72 331,798	1 153 812,409	15,952	15,483	55	62	86 957	2 723,186	29 392,450	10,793	10,325
6	13	99 082	67 904,377	1 081 480,611	15,927	15,458	56	63	85 824	2 523,662	26 669,264	10,568	10,099
7	14	99 063	63 747,531	1 013 576,234	15,900	15,431	57	64	84 624	2 336,513	24 145,603	10,334	9,865
8	15	99 044	59 845,418	949 828,703	15,871	15,403	58	65	83 327	2 160,264	21 809,090	10,096	9,627
9	16	99 023	56 181,132	889 983,285	15,841	15,373	59	66	81 949	1 994,876	19 648,826	9,850	9,381
10	17	99 000	52 739,977	833 802,153	15,810	15,341	60	67	80 472	1 839,378	17 653,950	9,598	9,129
11	18	98 975	49 508,734	781 062,175	15,776	15,308	61	68	78 909	1 693,559	15 814,572	9,338	8,869
12	19	98 944	46 472,467	731 553,442	15,742	15,273	62	69	77 270	1 557,172	14 121,013	9,068	8,600
13	20	98 913	43 622,252	685 080,974	15,705	15,236	63	70	75 533	1 429,260	12 563,842	8,790	8,322
14	21	98 880	40 946,227	641 458,722	15,666	15,197	64	71	73 713	1 309,684	11 134,581	8,502	8,033
15	22	98 844	38 433,346	600 512,495	15,625	15,156	65	72	71 738	1 196,803	9 824,898	8,209	7,741
16	23	98 805	36 073,130	562 079,150	15,582	15,113	66	73	69 634	1 090,812	8 628,095	7,910	7,441
17	24	98 756	33 854,947	526 006,020	15,537	15,068	67	74	67 369	990,914	7 537,283	7,606	7,138
18	25	98 703	31 771,489	492 151,074	15,490	15,022	68	75	64 933	896,796	6 546,369	7,300	6,831
19	26	98 634	29 811,461	460 379,584	15,443	14,974	69	76	62 323	808,215	5 649,572	6,990	6,521
20	27	98 562	27 971,682	430 568,123	15,393	14,924	70	77	59 524	724,796	4 841,357	6,680	6,211
21	28	98 483	26 243,311	402 596,441	15,341	14,872	71	78	56 556	646,627	4 116,561	6,366	5,897
22	29	98 405	24 622,062	376 353,131	15,285	14,816	72	79	53 377	573,041	3 469,935	6,055	5,587
23	30	98 324	23 100,392	351 731,069	15,226	14,757	73	80	50 045	504,475	2 896,894	5,742	5,274
24	31	98 245	21 673,033	328 630,677	15,163	14,694	74	81	46 523	440,353	2 392,419	5,433	4,964
25	32	98 160	20 332,736	306 957,643	15,097	14,628	75	82	42 809	380,462	1 952,067	5,131	4,662
26	33	98 072	19 074,518	286 624,907	15,027	14,558	76	83	38 934	324,905	1 571,605	4,837	4,368
27	34	97 979	17 893,395	267 550,389	14,952	14,484	77	84	34 973	274,043	1 246,700	4,549	4,081
28	35	97 875	16 783,543	249 656,994	14,875	14,406	78	85	30 928	227,551	972,657	4,274	3,806
29	36	97 777	15 743,460	232 873,452	14,792	14,323	79	86	26 870	185,629	745,106	4,014	3,545
30	37	97 667	14 765,851	217 129,991	14,705	14,236	80	87	22 906	148,585	559,477	3,765	3,297
31	38	97 552	13 848,382	202 364,141	14,613	14,144	81	88	19 096	116,315	410,892	3,533	3,064
32	39	97 428	12 986,661	188 515,758	14,516	14,047	82	89	15 540	88,876	294,577	3,314	2,846
33	40	97 292	12 177,023	175 529,098	14,415	13,946	83	90	12 269	65,887	205,700	3,122	2,653
34	41	97 149	11 417,028	163 352,075	14,308	13,839	84	91	9 458	47,693	139,813	2,932	2,463
35	42	96 994	10 703,125	151 935,047	14,195	13,727	85	92	7 014	33,209	92,120	2,774	2,305
36	43	96 827	10 032,503	141 231,922	14,077	13,609	86	93	5 069	22,535	58,911	2,614	2,145
37	44	96 642	9 402,256	131 199,418	13,954	13,485	87	94	3 533	14,746	36,376	2,467	1,998
38	45	96 442	8 810,126	121 797,162	13,825	13,356	88	95	2 365	9,269	21,630	2,334	1,865
39	46	96 214	8 252,838	112 987,036	13,691	13,222	89	96	1 521	5,596	12,361	2,209	1,740
40	47	95 968	7 729,341	104 734,198	13,550	13,081	90	97	931	3,217	6,765	2,103	1,634
41	48	95 688	7 236,435	97 004,858	13,405	12,936	91	98	549	1,780	3,547	1,992	1,524
42	49	95 388	6 773,469	89 768,423	13,253	12,784	92	99	305	0,929	1,767	1,901	1,432
43	50	95 046	6 337,271	82 994,954	13,096	12,628	93	100	161	0,461	0,837	1,817	1,348
44	51	94 668	5 926,793	76 657,683	12,934	12,465							
45	52	94 248	5 540,403	70 730,890	12,766	12,298							
46	53	93 781	5 176,483	65 190,487	12,594	12,125							
47	54	93 268	4 833,947	60 014,004	12,415	11,946							
48	55	92 702	4 511,372	55 180,057	12,231	11,763							
49	56	92 077	4 207,483	50 668,684	12,043	11,574							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß   6,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	8	99 593	99 593,274	1 592 034,330	15,985	15,517	50	58	91 036	3 906,007	45 835,571	11,735	11,266
1	9	99 201	93 146,253	1 492 441,055	16,023	15,554	51	59	90 272	3 636,821	41 929,563	11,529	11,060
2	10	99 161	87 426,621	1 399 294,802	16,005	15,537	52	60	89 420	3 382,651	38 292,742	11,320	10,852
3	11	99 136	82 069,405	1 311 868,181	15,985	15,516	53	61	88 493	3 143,266	34 910,091	11,106	10,638
4	12	99 114	77 043,596	1 229 798,777	15,962	15,494	54	62	87 499	2 918,265	31 766,824	10,886	10,417
5	13	99 093	72 325,976	1 152 755,180	15,938	15,470	55	63	86 409	2 706,009	28 848,559	10,661	10,192
6	14	99 073	67 898,295	1 080 429,205	15,912	15,444	56	64	85 246	2 506,658	26 142,550	10,429	9,961
7	15	99 052	63 740,622	1 012 530,910	15,885	15,416	57	65	84 002	2 319,341	23 635,893	10,191	9,722
8	16	99 031	59 837,890	948 790,288	15,856	15,387	58	66	82 676	2 143,393	21 316,552	9,945	9,476
9	17	99 008	56 172,487	888 952,398	15,825	15,357	59	67	81 248	1 977,812	19 173,159	9,694	9,225
10	18	98 984	52 731,514	832 779,911	15,793	15,324	60	68	79 738	1 822,580	17 195,348	9,435	8,966
11	19	98 953	49 497,425	780 048,397	15,759	15,291	61	69	78 143	1 677,113	15 372,768	9,166	8,697
12	20	98 924	46 462,869	730 550,972	15,723	15,255	62	70	76 450	1 540,632	13 695,655	8,890	8,421
13	21	98 891	43 612,568	684 088,103	15,686	15,217	63	71	74 656	1 412,674	12 155,022	8,604	8,136
14	22	98 859	40 937,657	640 475,535	15,645	15,176	64	72	72 763	1 292,819	10 742,348	8,309	7,841
15	23	98 822	38 424,724	599 537,877	15,603	15,134	65	73	70 699	1 179,476	9 449,530	8,012	7,543
16	24	98 782	36 064,884	561 113,153	15,558	15,090	66	74	68 502	1 073,074	8 270,054	7,707	7,238
17	25	98 736	33 848,103	525 048,269	15,512	15,043	67	75	66 115	972,476	7 196,980	7,401	6,932
18	26	98 681	31 764,500	491 200,166	15,464	14,995	68	76	63 540	877,553	6 224,504	7,093	6,624
19	27	98 610	29 804,406	459 435,666	15,415	14,946	69	77	60 797	788,420	5 346,951	6,782	6,313
20	28	98 536	27 964,167	429 631,260	15,364	14,895	70	78	57 873	704,702	4 558,532	6,469	6,000
21	29	98 458	26 236,674	401 667,093	15,309	14,841	71	79	54 742	625,890	3 853,830	6,157	5,689
22	30	98 376	24 614,997	375 430,418	15,252	14,783	72	80	51 439	552,236	3 227,939	5,845	5,376
23	31	98 296	23 093,854	350 815,421	15,191	14,722	73	81	47 955	483,405	2 675,703	5,535	5,066
24	32	98 215	21 666,488	327 721,567	15,126	14,657	74	82	44 309	419,396	2 192,298	5,227	4,759
25	33	98 126	20 325,529	306 055,079	15,058	14,589	75	83	40 448	359,482	1 772,902	4,932	4,463
26	34	98 036	19 067,544	285 729,551	14,985	14,516	76	84	36 492	304,530	1 413,420	4,641	4,173
27	35	97 937	17 885,794	266 662,007	14,909	14,440	77	85	32 444	254,225	1 108,891	4,362	3,893
28	36	97 836	16 776,867	248 776,213	14,829	14,360	78	86	28 368	208,720	854,665	4,095	3,626
29	37	97 731	15 735,979	231 999,346	14,743	14,275	79	87	24 338	168,139	645,946	3,842	3,373
30	38	97 615	14 757,970	216 263,367	14,654	14,185	80	88	20 425	132,495	477,807	3,606	3,137
31	39	97 498	13 840,673	201 505,397	14,559	14,090	81	89	16 761	102,091	345,312	3,382	2,914
32	40	97 364	12 978,069	187 664,724	14,460	13,991	82	90	13 341	76,299	243,221	3,188	2,719
33	41	97 224	12 168,423	174 686,655	14,356	13,887	83	91	10 370	55,688	166,922	2,997	2,529
34	42	97 071	11 407,877	162 518,232	14,246	13,777	84	92	7 778	39,219	111,234	2,836	2,368
35	43	96 908	10 693,599	151 110,355	14,131	13,662	85	93	5 687	26,925	72,016	2,675	2,206
36	44	96 728	10 022,231	140 416,756	14,011	13,542	86	94	4 018	17,865	45,091	2,524	2,055
37	45	96 534	9 391,696	130 394,525	13,884	13,415	87	95	2 735	11,415	27,226	2,385	1,916
38	46	96 320	8 798,944	121 002,829	13,752	13,283	88	96	1 785	6,998	15,810	2,259	1,791
39	47	96 078	8 241,209	112 203,885	13,615	13,146	89	97	1 118	4,115	8,813	2,142	1,673
40	48	95 811	7 716,702	103 962,677	13,472	13,004	90	98	666	2,301	4,698	2,042	1,573
41	49	95 519	7 223,638	96 245,974	13,324	12,855	91	99	381	1,237	2,397	1,938	1,469
42	50	95 192	6 759,532	89 022,337	13,170	12,701	92	100	206	0,627	1,160	1,852	1,383
43	51	94 837	6 323,310	82 262,805	13,009	12,541							
44	52	94 436	5 912,291	75 939,495	12,844	12,376							
45	53	93 990	5 525,192	70 027,204	12,674	12,205							
46	54	93 499	5 160,920	64 502,011	12,498	12,029							
47	55	92 971	4 818,521	59 341,092	12,315	11,846							
48	56	92 374	4 495,388	54 522,571	12,129	11,660							
49	57	91 730	4 191,612	50 027,183	11,935	11,466							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß   6,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	9	99 586	99 585,940	1 590 862,257	15,975	15,506	50	59	90 634	3 888,773	45 166,892	11,615	11,146
1	10	99 194	93 139,828	1 491 276,317	16,011	15,542	51	60	89 846	3 619,648	41 278,119	11,404	10,935
2	11	99 154	87 420,416	1 398 136,489	15,993	15,525	52	61	88 939	3 364,421	37 658,471	11,193	10,724
3	12	99 128	82 062,842	1 310 716,073	15,972	15,503	53	62	87 985	3 125,203	34 294,050	10,973	10,505
4	13	99 106	77 037,394	1 228 653,231	15,949	15,480	54	63	86 947	2 899,858	31 168,847	10,748	10,280
5	14	99 084	72 319,497	1 151 615,837	15,924	15,455	55	64	85 827	2 687,776	28 268,989	10,518	10,049
6	15	99 063	67 890,935	1 079 296,340	15,898	15,429	56	65	84 619	2 488,235	25 581,213	10,281	9,812
7	16	99 040	63 732,604	1 011 405,405	15,870	15,401	57	66	83 346	2 301,227	23 092,978	10,035	9,566
8	17	99 016	59 828,682	947 672,801	15,840	15,371	58	67	81 969	2 125,058	20 791,751	9,784	9,315
9	18	98 992	56 163,473	887 844,119	15,808	15,339	59	68	80 506	1 959,750	18 666,694	9,525	9,056
10	19	98 962	52 719,470	831 680,645	15,776	15,307	60	69	78 963	1 804,882	16 706,944	9,257	8,788
11	20	98 932	49 487,202	778 961,176	15,741	15,272	61	70	77 313	1 659,300	14 902,062	8,981	8,512
12	21	98 902	46 452,555	729 473,974	15,704	15,235	62	71	75 562	1 522,754	13 242,763	8,697	8,228
13	22	98 870	43 603,441	683 021,419	15,664	15,196	63	72	73 695	1 394,483	11 720,009	8,405	7,936
14	23	98 837	40 928,474	639 417,978	15,623	15,154	64	73	71 710	1 274,102	10 325,526	8,104	7,635
15	24	98 800	38 415,941	598 489,504	15,579	15,110	65	74	69 549	1 160,296	9 051,425	7,801	7,332
16	25	98 762	36 057,594	560 073,564	15,533	15,064	66	75	67 227	1 053,106	7 891,129	7,493	7,024
17	26	98 715	33 840,657	524 015,970	15,485	15,016	67	76	64 697	951,609	6 838,022	7,186	6,717
18	27	98 658	31 756,983	490 175,312	15,435	14,966	68	77	61 984	856,059	5 886,414	6,876	6,407
19	28	98 584	29 796,399	458 418,330	15,385	14,916	69	78	59 111	766,562	5 030,355	6,562	6,093
20	29	98 511	27 957,096	428 621,931	15,331	14,863	70	79	56 017	682,104	4 263,793	6,251	5,782
21	30	98 430	26 229,147	400 664,835	15,276	14,807	71	80	52 755	603,167	3 581,689	5,938	5,469
22	31	98 349	24 608,030	374 435,688	15,216	14,747	72	81	49 291	529,171	2 978,522	5,629	5,160
23	32	98 267	23 086,879	349 827,658	15,153	14,684	73	82	45 673	460,400	2 449,351	5,320	4,851
24	33	98 180	21 658,807	326 740,779	15,086	14,617	74	83	41 866	396,269	1 988,951	5,019	4,550
25	34	98 090	20 318,097	305 081,972	15,015	14,547	75	84	37 911	336,938	1 592,683	4,727	4,258
26	35	97 994	19 059,445	284 763,875	14,941	14,472	76	85	33 853	282,507	1 255,744	4,445	3,976
27	36	97 898	17 878,680	265 704,430	14,862	14,393	77	86	29 759	233,187	973,237	4,174	3,705
28	37	97 790	16 768,894	247 825,750	14,779	14,310	78	87	25 695	189,054	740,050	3,914	3,446
29	38	97 679	15 727,581	231 056,856	14,691	14,222	79	88	21 702	149,931	550,997	3,675	3,206
30	39	97 560	14 749,754	215 329,275	14,599	14,130	80	89	17 927	116,292	401,066	3,449	2,980
31	40	97 433	13 831,516	200 579,521	14,502	14,033	81	90	14 389	87,643	284,774	3,249	2,780
32	41	97 295	12 968,904	186 748,004	14,400	13,931	82	91	11 276	64,488	197,130	3,057	2,588
33	42	97 146	12 158,670	173 779,100	14,293	13,824	83	92	8 527	45,793	132,642	2,897	2,428
34	43	96 985	11 397,723	161 620,430	14,180	13,711	84	93	6 306	31,797	86,849	2,731	2,263
35	44	96 809	10 682,649	150 222,707	14,062	13,594	85	94	4 508	21,345	55,051	2,579	2,110
36	45	96 619	10 010,974	139 540,058	13,939	13,470	86	95	3 111	13,829	33,707	2,437	1,969
37	46	96 411	9 379,776	129 529,084	13,809	13,341	87	96	2 065	8,618	19,877	2,306	1,838
38	47	96 184	8 786,545	120 149,308	13,674	13,205	88	97	1 313	5,145	11,259	2,188	1,720
39	48	95 921	8 227,733	111 362,763	13,535	13,066	89	98	800	2,943	6,114	2,077	1,609
40	49	95 642	7 703,056	103 135,030	13,389	12,920	90	99	463	1,599	3,171	1,983	1,515
41	50	95 322	7 208,774	95 431,974	13,238	12,770	91	100	257	0,834	1,572	1,885	1,417
42	51	94 982	6 744,640	88 223,200	13,080	12,612							
43	52	94 605	6 307,838	81 478,559	12,917	12,448							
44	53	94 177	5 896,060	75 170,721	12,749	12,281							
45	54	93 707	5 508,581	69 274,662	12,576	12,107							
46	55	93 201	5 144,450	63 766,081	12,395	11,926							
47	56	92 641	4 801,448	58 621,631	12,209	11,740							
48	57	92 025	4 478,430	53 820,183	12,018	11,549							
49	58	91 363	4 174,860	49 341,752	11,819	11,350							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß   6,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 579	99 579,070	1 589 601,891	15,963	15,494	50	60	90 206	3 870,410	44 453,785	11,486	11,017
1	11	99 187	93 133,218	1 490 022,821	15,999	15,530	51	61	89 361	3 600,141	40 583,375	11,273	10,804
2	12	99 146	87 413,425	1 396 889,603	15,980	15,512	52	62	88 427	3 345,087	36 983,234	11,056	10,587
3	13	99 120	82 056,236	1 309 476,178	15,958	15,490	53	63	87 430	3 105,490	33 638,148	10,832	10,363
4	14	99 097	77 030,494	1 227 419,942	15,934	15,465	54	64	86 361	2 880,319	30 532,657	10,600	10,132
5	15	99 073	72 311,658	1 150 389,449	15,909	15,440	55	65	85 196	2 668,023	27 652,338	10,364	9,896
6	16	99 050	67 882,395	1 078 077,790	15,882	15,413	56	66	83 958	2 468,802	24 984,316	10,120	9,651
7	17	99 024	63 722,797	1 010 195,395	15,853	15,384	57	67	82 633	2 281,542	22 515,513	9,869	9,400
8	18	99 000	59 819,082	946 472,598	15,822	15,354	58	68	81 220	2 105,651	20 233,972	9,609	9,141
9	19	98 969	56 150,645	886 653,516	15,791	15,322	59	69	79 724	1 940,719	18 128,321	9,341	8,872
10	20	98 941	52 708,581	830 502,871	15,757	15,288	60	70	78 125	1 785,711	16 187,602	9,065	8,596
11	21	98 910	49 476,217	777 794,290	15,721	15,252	61	71	76 416	1 640,044	14 401,891	8,781	8,313
12	22	98 881	46 442,833	728 318,074	15,682	15,213	62	72	74 589	1 503,145	12 761,847	8,490	8,021
13	23	98 848	43 593,659	681 875,241	15,642	15,173	63	73	72 628	1 374,294	11 258,702	8,192	7,724
14	24	98 815	40 919,118	638 281,582	15,599	15,130	64	74	70 544	1 253,383	9 884,408	7,886	7,417
15	25	98 780	38 408,175	597 362,464	15,553	15,084	65	75	68 255	1 138,706	8 631,025	7,580	7,111
16	26	98 740	36 049,662	558 954,288	15,505	15,036	66	76	65 785	1 030,509	7 492,319	7,271	6,802
17	27	98 691	33 832,648	522 904,626	15,456	14,987	67	77	63 112	928,301	6 461,810	6,961	6,492
18	28	98 631	31 748,451	489 071,978	15,405	14,936	68	78	60 265	832,326	5 533,509	6,648	6,180
19	29	98 559	29 788,864	457 323,527	15,352	14,883	69	79	57 216	741,979	4 701,183	6,336	5,867
20	30	98 483	27 949,074	427 534,662	15,297	14,828	70	80	53 984	657,339	3 959,204	6,023	5,554
21	31	98 402	26 221,723	399 585,588	15,239	14,770	71	81	50 551	577,975	3 301,865	5,713	5,244
22	32	98 319	24 600,598	373 363,865	15,177	14,708	72	82	46 945	503,988	2 723,889	5,405	4,936
23	33	98 232	23 078,695	348 763,267	15,112	14,643	73	83	43 154	435,011	2 219,901	5,103	4,634
24	34	98 145	21 650,888	325 684,572	15,043	14,574	74	84	39 240	371,418	1 784,890	4,806	4,337
25	35	98 048	20 309,466	304 033,683	14,970	14,501	75	85	35 170	312,572	1 413,472	4,522	4,053
26	36	97 955	19 051,864	283 724,217	14,892	14,423	76	86	31 052	259,129	1 100,900	4,248	3,780
27	37	97 852	17 870,183	264 672,353	14,811	14,342	77	87	26 955	211,216	841,771	3,985	3,517
28	38	97 738	16 759,945	246 802,170	14,726	14,257	78	88	22 913	168,581	630,556	3,740	3,272
29	39	97 624	15 718,825	230 042,225	14,635	14,166	79	89	19 049	131,596	461,975	3,511	3,042
30	40	97 496	14 739,997	214 323,400	14,540	14,072	80	90	15 390	99,835	330,379	3,309	2,841
31	41	97 365	13 821,748	199 583,403	14,440	13,971	81	91	12 162	74,077	230,544	3,112	2,643
32	42	97 217	12 958,509	185 761,655	14,335	13,866	82	92	9 272	53,030	156,467	2,951	2,482
33	43	97 059	12 147,848	172 803,146	14,225	13,756	83	93	6 914	37,128	103,438	2,786	2,317
34	44	96 886	11 386,052	160 655,298	14,110	13,641	84	94	4 999	25,207	66,310	2,631	2,162
35	45	96 700	10 670,651	149 269,245	13,989	13,520	85	95	3 490	16,523	41,103	2,488	2,019
36	46	96 496	9 998,268	138 598,594	13,862	13,394	86	96	2 348	10,440	24,579	2,354	1,885
37	47	96 275	9 366,558	128 600,326	13,730	13,261	87	97	1 518	6,337	14,139	2,231	1,763
38	48	96 027	8 772,178	119 233,768	13,592	13,124	88	98	939	3,680	7,802	2,120	1,651
39	49	95 752	8 213,183	110 461,590	13,449	12,981	89	99	556	2,045	4,122	2,016	1,547
40	50	95 445	7 687,206	102 248,406	13,301	12,832	90	100	312	1,078	2,077	1,927	1,459
41	51	95 112	7 192,893	94 561,201	13,146	12,678							
42	52	94 750	6 728,138	87 368,308	12,986	12,517							
43	53	94 345	6 290,521	80 640,170	12,819	12,351							
44	54	93 894	5 878,333	74 349,649	12,648	12,179							
45	55	93 408	5 491,002	68 471,316	12,470	12,001							
46	56	92 871	5 126,222	62 980,315	12,286	11,817							
47	57	92 292	4 783,336	57 854,092	12,095	11,626							
48	58	91 657	4 460,532	53 070,756	11,898	11,429							
49	59	90 960	4 156,439	48 610,224	11,695	11,226							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß   6,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	11	99 572	99 572,003	1 588 246,772	15,951	15,482	50	61	89 720	3 849,551	43 694,388	11,351	10,882
1	12	99 179	93 125,770	1 488 674,769	15,986	15,517	51	62	88 848	3 579,452	39 844,837	11,132	10,663
2	13	99 139	87 406,389	1 395 548,999	15,966	15,497	52	63	87 870	3 323,987	36 265,386	10,910	10,441
3	14	99 111	82 048,885	1 308 142,610	15,943	15,475	53	64	86 841	3 084,566	32 941,399	10,679	10,211
4	15	99 086	77 022,145	1 226 093,725	15,919	15,450	54	65	85 727	2 859,150	29 856,833	10,443	9,974
5	16	99 061	72 302,562	1 149 071,581	15,893	15,424	55	66	84 530	2 647,186	26 997,682	10,199	9,730
6	17	99 035	67 871,950	1 076 769,018	15,865	15,396	56	67	83 240	2 447,684	24 350,497	9,948	9,480
7	18	99 008	63 712,571	1 008 897,068	15,835	15,366	57	68	81 879	2 260,706	21 902,813	9,688	9,220
8	19	98 978	59 805,418	945 184,497	15,804	15,336	58	69	80 431	2 085,204	19 642,107	9,420	8,951
9	20	98 949	56 139,047	885 379,079	15,771	15,302	59	70	78 877	1 920,106	17 556,903	9,144	8,675
10	21	98 919	52 696,880	829 240,031	15,736	15,267	60	71	77 218	1 764,988	15 636,798	8,859	8,391
11	22	98 890	49 465,862	776 543,151	15,699	15,230	61	72	75 431	1 618,925	13 871,809	8,569	8,100
12	23	98 859	46 432,414	727 077,289	15,659	15,190	62	73	73 509	1 481,383	12 252,885	8,271	7,803
13	24	98 825	43 583,694	680 644,875	15,617	15,148	63	74	71 447	1 351,946	10 771,502	7,967	7,499
14	25	98 795	40 910,847	637 061,181	15,572	15,103	64	75	69 231	1 230,061	9 419,556	7,658	7,189
15	26	98 758	38 399,726	596 150,334	15,525	15,056	65	76	66 791	1 114,272	8 189,495	7,350	6,881
16	27	98 717	36 041,130	557 750,607	15,475	15,007	66	77	64 174	1 005,269	7 075,223	7,038	6,569
17	28	98 665	33 823,559	521 709,477	15,424	14,956	67	78	61 362	902,565	6 069,954	6,725	6,256
18	29	98 607	31 740,423	487 885,918	15,371	14,902	68	79	58 333	805,635	5 167,389	6,414	5,945
19	30	98 531	29 780,317	456 145,495	15,317	14,848	69	80	55 138	715,041	4 361,755	6,100	5,631
20	31	98 455	27 941,164	426 365,177	15,259	14,791	70	81	51 729	629,885	3 646,713	5,789	5,321
21	32	98 372	26 213,803	398 424,014	15,199	14,730	71	82	48 145	550,469	3 016,828	5,480	5,012
22	33	98 284	24 591,878	372 210,210	15,135	14,667	72	83	44 357	476,196	2 466,359	5,179	4,711
23	34	98 196	23 070,257	347 618,332	15,068	14,599	73	84	40 448	407,731	1 990,163	4,881	4,412
24	35	98 103	21 641,691	324 548,075	14,996	14,528	74	85	36 403	344,559	1 582,432	4,593	4,124
25	36	98 009	20 301,384	302 906,384	14,920	14,452	75	86	32 259	286,705	1 237,874	4,318	3,849
26	37	97 909	19 042,810	282 604,996	14,841	14,372	76	87	28 126	234,713	951,168	4,052	3,584
27	38	97 799	17 860,646	263 562,186	14,757	14,288	77	88	24 036	188,343	716,455	3,804	3,335
28	39	97 683	16 750,614	245 701,539	14,668	14,199	78	89	20 111	147,965	528,113	3,569	3,100
29	40	97 560	15 708,426	228 950,925	14,575	14,106	79	90	16 353	112,973	380,147	3,365	2,896
30	41	97 427	14 729,587	213 242,499	14,477	14,008	80	91	13 008	84,381	267,174	3,166	2,698
31	42	97 287	13 810,670	198 512,912	14,374	13,905	81	92	10 001	60,914	182,793	3,001	2,532
32	43	97 131	12 946,975	184 702,242	14,266	13,797	82	93	7 518	42,995	121,879	2,835	2,366
33	44	96 960	12 135,409	171 755,266	14,153	13,684	83	94	5 481	29,433	78,884	2,680	2,211
34	45	96 777	11 373,264	159 619,857	14,035	13,566	84	95	3 870	19,513	49,451	2,534	2,065
35	46	96 577	10 657,107	148 246,593	13,911	13,442	85	96	2 635	12,474	29,938	2,400	1,931
36	47	96 360	9 984,179	137 589,486	13,781	13,312	86	97	1 727	7,677	17,463	2,275	1,806
37	48	96 118	9 351,243	127 605,306	13,646	13,177	87	98	1 086	4,532	9,787	2,159	1,691
38	49	95 857	8 756,665	118 254,063	13,504	13,036	88	99	652	2,557	5,254	2,055	1,586
39	50	95 555	8 196,283	109 497,398	13,359	12,891	89	100	375	1,378	2,698	1,957	1,488
40	51	95 235	7 670,271	101 301,115	13,207	12,738							
41	52	94 880	7 175,293	93 630,844	13,049	12,580							
42	53	94 490	6 709,667	86 455,551	12,885	12,416							
43	54	94 062	6 271,608	79 745,884	12,715	12,247							
44	55	93 594	5 859,574	73 474,276	12,539	12,070							
45	56	93 077	5 471,546	67 614,702	12,358	11,889							
46	57	92 521	5 106,885	62 143,156	12,169	11,700							
47	58	91 923	4 764,219	57 036,271	11,972	11,503							
48	59	91 253	4 440,851	52 272,051	11,771	11,302							
49	60	90 531	4 136,812	47 831,201	11,562	11,094							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß   6,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	12	99 564	99 564,040	1 586 790,787	15,937	15,469	50	62	89 205	3 827,429	42 888,250	11,205	10,737
1	13	99 171	93 118,273	1 487 226,747	15,971	15,503	51	63	88 287	3 556,874	39 060,821	10,982	10,513
2	14	99 130	87 398,559	1 394 108,474	15,951	15,482	52	64	87 278	3 301,590	35 503,947	10,754	10,285
3	15	99 100	82 039,992	1 306 709,915	15,928	15,459	53	65	86 202	3 061,896	32 202,357	10,517	10,048
4	16	99 074	77 012,456	1 224 669,922	15,902	15,433	54	66	85 057	2 836,821	29 140,461	10,272	9,803
5	17	99 046	72 291,437	1 147 657,466	15,875	15,407	55	67	83 807	2 624,541	26 303,640	10,022	9,553
6	18	99 019	67 861,058	1 075 366,029	15,847	15,378	56	68	82 480	2 425,331	23 679,099	9,763	9,295
7	19	98 986	63 698,019	1 007 504,971	15,817	15,348	57	69	81 084	2 238,753	21 253,768	9,494	9,025
8	20	98 957	59 793,066	943 806,952	15,785	15,316	58	70	79 577	2 063,056	19 015,015	9,217	8,748
9	21	98 927	56 126,585	884 013,886	15,750	15,282	59	71	77 962	1 897,823	16 951,960	8,932	8,464
10	22	98 899	52 685,851	827 887,301	15,714	15,245	60	72	76 224	1 742,260	15 054,136	8,641	8,172
11	23	98 868	49 454,765	775 201,450	15,675	15,206	61	73	74 339	1 595,486	13 311,876	8,343	7,875
12	24	98 836	46 421,800	725 746,685	15,634	15,165	62	74	72 314	1 457,294	11 716,390	8,040	7,571
13	25	98 806	43 574,884	679 324,884	15,590	15,121	63	75	70 118	1 326,790	10 259,096	7,732	7,264
14	26	98 773	40 901,848	635 750,000	15,543	15,075	64	76	67 746	1 203,666	8 932,306	7,421	6,952
15	27	98 735	38 390,638	594 848,152	15,495	15,026	65	77	65 155	1 086,980	7 728,640	7,110	6,641
16	28	98 691	36 031,448	556 457,514	15,444	14,975	66	78	62 394	977,399	6 641,660	6,795	6,326
17	29	98 640	33 815,006	520 426,066	15,390	14,922	67	79	59 395	873,621	5 664,261	6,484	6,015
18	30	98 578	31 731,316	486 611,060	15,335	14,867	68	80	56 215	776,385	4 790,639	6,170	5,702
19	31	98 503	29 771,889	454 879,744	15,279	14,810	69	81	52 835	685,177	4 014,254	5,859	5,390
20	32	98 425	27 932,725	425 107,855	15,219	14,750	70	82	49 267	599,909	3 329,077	5,549	5,081
21	33	98 337	26 204,511	397 175,130	15,157	14,688	71	83	45 491	520,114	2 729,168	5,247	4,779
22	34	98 248	24 582,886	370 970,619	15,091	14,622	72	84	41 575	446,333	2 209,054	4,949	4,481
23	35	98 154	23 060,457	346 387,733	15,021	14,552	73	85	37 523	378,246	1 762,721	4,660	4,192
24	36	98 064	21 633,083	323 327,275	14,946	14,477	74	86	33 390	316,045	1 384,476	4,381	3,912
25	37	97 962	20 291,741	301 694,192	14,868	14,399	75	87	29 220	259,691	1 068,431	4,114	3,645
26	38	97 856	19 032,647	281 402,451	14,785	14,317	76	88	25 080	209,295	808,740	3,864	3,395
27	39	97 745	17 850,703	262 369,804	14,698	14,229	77	89	21 097	165,311	599,444	3,626	3,157
28	40	97 619	16 739,533	244 519,101	14,607	14,139	78	90	17 265	127,026	434,134	3,418	2,949
29	41	97 491	15 697,333	227 779,568	14,511	14,042	79	91	13 822	95,485	307,108	3,216	2,748
30	42	97 349	14 717,781	212 082,235	14,410	13,941	80	92	10 697	69,388	211,623	3,050	2,581
31	43	97 200	13 798,377	197 364,454	14,303	13,835	81	93	8 108	49,388	142,235	2,880	2,411
32	44	97 031	12 933,718	183 566,077	14,193	13,724	82	94	5 960	34,084	92,847	2,724	2,255
33	45	96 851	12 121,779	170 632,358	14,077	13,608	83	95	4 243	22,785	58,763	2,579	2,110
34	46	96 654	11 358,829	158 510,579	13,955	13,486	84	96	2 922	14,732	35,979	2,442	1,974
35	47	96 441	10 642,090	147 151,750	13,827	13,359	85	97	1 937	9,172	21,247	2,316	1,848
36	48	96 203	9 967,854	136 509,660	13,695	13,226	86	98	1 235	5,491	12,075	2,199	1,730
37	49	95 948	9 334,706	126 541,806	13,556	13,087	87	99	754	3,149	6,584	2,091	1,622
38	50	95 660	8 738,647	117 207,100	13,412	12,944	88	100	440	1,724	3,435	1,993	1,524
39	51	95 344	8 178,227	108 468,453	13,263	12,794							
40	52	95 002	7 651,503	100 290,226	13,107	12,639							
41	53	94 619	7 155,595	92 638,723	12,946	12,478							
42	54	94 206	6 689,494	85 483,128	12,779	12,310							
43	55	93 761	6 251,594	78 793,635	12,604	12,135							
44	56	93 263	5 838,812	72 542,040	12,424	11,955							
45	57	92 726	5 450,906	66 703,228	12,237	11,768							
46	58	92 151	5 086,475	61 252,322	12,042	11,573							
47	59	91 517	4 743,198	56 165,847	11,841	11,373							
48	60	90 822	4 419,881	51 422,649	11,634	11,166							
49	61	90 043	4 114,518	47 002,768	11,424	10,955							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß   6,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	13	99 556	99 556,026	1 585 228,232	15,923	15,454	50	63	88 642	3 803,287	42 033,637	11,052	10,583
1	14	99 162	93 109,932	1 485 672,206	15,956	15,487	51	64	87 692	3 532,908	38 230,350	10,821	10,352
2	15	99 119	87 389,086	1 392 562,274	15,935	15,466	52	65	86 636	3 277,326	34 697,442	10,587	10,118
3	16	99 088	82 029,672	1 305 173,188	15,911	15,442	53	66	85 529	3 037,983	31 420,116	10,342	9,874
4	17	99 059	77 000,606	1 223 143,516	15,885	15,416	54	67	84 330	2 812,554	28 382,133	10,091	9,622
5	18	99 030	72 279,836	1 146 142,910	15,857	15,388	55	68	83 042	2 600,573	25 569,579	9,832	9,364
6	19	98 996	67 845,558	1 073 863,074	15,828	15,359	56	69	81 679	2 401,779	22 969,006	9,563	9,095
7	20	98 965	63 684,863	1 006 017,516	15,797	15,328	57	70	80 223	2 214,974	20 567,227	9,286	8,817
8	21	98 935	59 779,793	942 332,653	15,763	15,295	58	71	78 654	2 039,114	18 352,253	9,000	8,531
9	22	98 906	56 114,838	882 552,860	15,728	15,259	59	72	76 958	1 873,385	16 313,139	8,708	8,239
10	23	98 876	52 674,032	826 438,022	15,690	15,221	60	73	75 120	1 717,036	14 439,754	8,410	7,941
11	24	98 845	49 443,461	773 763,990	15,649	15,181	61	74	73 131	1 569,542	12 722,718	8,106	7,637
12	25	98 817	46 412,417	724 320,529	15,606	15,137	62	75	70 968	1 430,177	11 153,176	7,798	7,330
13	26	98 784	43 565,299	677 908,112	15,561	15,092	63	76	68 613	1 298,320	9 722,999	7,489	7,020
14	27	98 749	40 892,168	634 342,813	15,513	15,044	64	77	66 086	1 174,185	8 424,679	7,175	6,706
15	28	98 708	38 380,325	593 450,646	15,462	14,994	65	78	63 348	1 056,845	7 250,494	6,861	6,392
16	29	98 666	36 022,337	555 070,321	15,409	14,940	66	79	60 394	946,056	6 193,649	6,547	6,078
17	30	98 612	33 805,304	519 047,984	15,354	14,885	67	80	57 238	841,904	5 247,594	6,233	5,764
18	31	98 550	31 722,335	485 242,680	15,297	14,828	68	81	53 867	743,959	4 405,690	5,922	5,453
19	32	98 473	29 762,897	453 520,345	15,238	14,769	69	82	50 321	652,569	3 661,731	5,611	5,143
20	33	98 390	27 922,824	423 757,449	15,176	14,707	70	83	46 550	566,827	3 009,161	5,309	4,840
21	34	98 301	26 194,930	395 834,625	15,111	14,642	71	84	42 638	487,497	2 442,334	5,010	4,541
22	35	98 206	24 572,444	369 639,695	15,043	14,574	72	85	38 568	414,056	1 954,837	4,721	4,252
23	36	98 115	23 051,285	345 067,251	14,970	14,501	73	86	34 418	346,944	1 540,781	4,441	3,972
24	37	98 017	21 622,803	322 015,966	14,892	14,424	74	87	30 244	286,266	1 193,837	4,170	3,702
25	38	97 910	20 280,911	300 393,163	14,812	14,343	75	88	26 056	231,569	907,571	3,919	3,450
26	39	97 802	19 022,051	280 112,252	14,726	14,257	76	89	22 013	183,701	676,002	3,680	3,211
27	40	97 680	17 838,894	261 090,201	14,636	14,167	77	90	18 111	141,916	492,301	3,469	3,000
28	41	97 550	16 727,711	243 251,307	14,542	14,073	78	91	14 592	107,363	350,385	3,264	2,795
29	42	97 413	15 684,751	226 523,595	14,442	13,974	79	92	11 366	78,519	243,022	3,095	2,626
30	43	97 262	14 704,681	210 838,844	14,338	13,869	80	93	8 673	56,258	164,503	2,924	2,455
31	44	97 100	13 784,249	196 134,163	14,229	13,760	81	94	6 428	39,152	108,245	2,765	2,296
32	45	96 922	12 919,192	182 349,914	14,115	13,646	82	95	4 613	26,385	69,093	2,619	2,150
33	46	96 728	12 106,394	169 430,723	13,995	13,526	83	96	3 203	17,201	42,708	2,483	2,014
34	47	96 518	11 342,823	157 324,329	13,870	13,401	84	97	2 148	10,832	25,507	2,355	1,886
35	48	96 284	10 624,689	145 981,506	13,740	13,271	85	98	1 386	6,560	14,675	2,237	1,768
36	49	96 033	9 950,227	135 356,816	13,603	13,135	86	99	858	3,815	8,115	2,127	1,658
37	50	95 751	9 315,498	125 406,590	13,462	12,993	87	100	509	2,123	4,300	2,026	1,557
38	51	95 449	8 719,396	116 091,091	13,314	12,845							
39	52	95 111	8 158,217	107 371,696	13,161	12,692							
40	53	94 741	7 630,497	99 213,479	13,002	12,533							
41	54	94 335	7 134,081	91 582,982	12,837	12,369							
42	55	93 905	6 668,146	84 448,901	12,665	12,196							
43	56	93 429	6 229,444	77 780,755	12,486	12,017							
44	57	92 911	5 816,787	71 551,311	12,301	11,832							
45	58	92 355	5 429,121	65 734,524	12,108	11,639							
46	59	91 744	5 064,032	60 305,403	11,909	11,440							
47	60	91 085	4 720,801	55 241,371	11,702	11,233							
48	61	90 333	4 396,061	50 520,570	11,492	11,023							
49	62	89 525	4 090,873	46 124,510	11,275	10,806							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß   6,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	14	99 547	99 547,108	1 583 552,181	15,908	15,439	50	64	88 045	3 777,661	41 129,567	10,888	10,419
1	15	99 151	93 099,840	1 484 005,073	15,940	15,471	51	65	87 048	3 506,943	37 351,907	10,651	10,182
2	16	99 106	87 378,093	1 390 905,233	15,918	15,449	52	66	85 960	3 251,730	33 844,963	10,408	9,940
3	17	99 072	82 017,050	1 303 527,140	15,893	15,425	53	67	84 798	3 011,995	30 593,233	10,157	9,688
4	18	99 043	76 988,249	1 221 510,090	15,866	15,397	54	68	83 559	2 786,869	27 581,238	9,897	9,428
5	19	99 007	72 263,327	1 144 521,840	15,838	15,369	55	69	82 236	2 575,320	24 794,369	9,628	9,159
6	20	98 976	67 831,545	1 072 258,514	15,808	15,339	56	70	80 812	2 376,269	22 219,049	9,350	8,882
7	21	98 943	63 670,725	1 004 426,968	15,775	15,307	57	71	79 292	2 189,270	19 842,781	9,064	8,595
8	22	98 915	59 767,281	940 756,243	15,740	15,272	58	72	77 641	2 012,856	17 653,511	8,770	8,302
9	23	98 884	56 102,250	880 988,962	15,703	15,235	59	73	75 844	1 846,263	15 640,654	8,472	8,003
10	24	98 854	52 661,992	824 886,711	15,664	15,195	60	74	73 899	1 689,115	13 794,392	8,167	7,698
11	25	98 825	49 433,466	772 224,720	15,621	15,153	61	75	71 770	1 540,337	12 105,277	7,859	7,390
12	26	98 795	46 402,207	722 791,253	15,577	15,108	62	76	69 446	1 399,488	10 564,940	7,549	7,080
13	27	98 760	43 554,988	676 389,046	15,530	15,061	63	77	66 933	1 266,520	9 165,452	7,237	6,768
14	28	98 723	40 881,182	632 834,058	15,480	15,011	64	78	64 254	1 141,632	7 898,932	6,919	6,450
15	29	98 683	38 370,619	591 952,876	15,427	14,959	65	79	61 317	1 022,954	6 757,299	6,606	6,137
16	30	98 637	36 012,001	553 582,256	15,372	14,903	66	80	58 201	911,708	5 734,346	6,290	5,821
17	31	98 584	33 795,736	517 570,255	15,315	14,846	67	81	54 848	806,741	4 822,637	5,978	5,509
18	32	98 521	31 712,754	483 774,519	15,255	14,786	68	82	51 303	708,554	4 015,896	5,668	5,199
19	33	98 438	29 752,347	452 061,765	15,194	14,725	69	83	47 546	616,584	3 307,342	5,364	4,895
20	34	98 354	27 912,614	422 309,418	15,130	14,661	70	84	43 631	531,280	2 690,759	5,065	4,596
21	35	98 259	26 183,803	394 396,804	15,063	14,594	71	85	39 554	452,243	2 159,478	4,775	4,306
22	36	98 167	24 562,670	368 213,001	14,991	14,522	72	86	35 377	379,791	1 707,235	4,495	4,026
23	37	98 069	23 040,330	343 650,331	14,915	14,446	73	87	31 175	314,254	1 327,444	4,224	3,755
24	38	97 965	21 611,263	320 610,001	14,835	14,367	74	88	26 969	255,266	1 013,190	3,969	3,500
25	39	97 856	20 269,621	298 998,737	14,751	14,282	75	89	22 869	203,251	757,924	3,729	3,260
26	40	97 737	19 009,467	278 729,117	14,663	14,194	76	90	18 898	157,704	554,673	3,517	3,048
27	41	97 611	17 826,296	259 719,650	14,569	14,101	77	91	15 308	119,948	396,969	3,309	2,841
28	42	97 471	16 714,304	241 893,354	14,472	14,003	78	92	11 999	88,286	277,020	3,138	2,669
29	43	97 326	15 670,791	225 179,050	14,369	13,901	79	93	9 215	63,661	188,734	2,965	2,496
30	44	97 163	14 689,625	209 508,259	14,262	13,794	80	94	6 875	44,598	125,073	2,804	2,336
31	45	96 991	13 768,767	194 818,635	14,149	13,681	81	95	4 976	30,308	80,475	2,655	2,186
32	46	96 799	12 902,794	181 049,868	14,032	13,563	82	96	3 483	19,919	50,167	2,519	2,050
33	47	96 592	12 089,335	168 147,074	13,909	13,440	83	97	2 355	12,648	30,248	2,392	1,923
34	48	96 360	11 324,276	156 057,739	13,781	13,312	84	98	1 536	7,747	17,600	2,272	1,803
35	49	96 113	10 605,900	144 733,463	13,647	13,178	85	99	963	4,558	9,852	2,161	1,693
36	50	95 835	9 929,752	134 127,563	13,508	13,039	86	100	578	2,572	5,294	2,059	1,590
37	51	95 540	9 294,976	124 197,810	13,362	12,893							
38	52	95 215	8 698,061	114 902,834	13,210	12,741							
39	53	94 850	8 135,819	106 204,772	13,054	12,585							
40	54	94 456	7 607,556	98 068,953	12,891	12,422							
41	55	94 034	7 111,315	90 461,398	12,721	12,252							
42	56	93 572	6 644,520	83 350,083	12,544	12,075							
43	57	93 077	6 205,945	76 705,564	12,360	11,891							
44	58	92 539	5 793,540	70 499,619	12,169	11,700							
45	59	91 948	5 405,166	64 706,079	11,971	11,502							
46	60	91 311	5 040,120	59 300,912	11,766	11,297							
47	61	90 594	4 695,359	54 260,793	11,556	11,088							
48	62	89 814	4 370,798	49 565,434	11,340	10,871							
49	63	88 961	4 065,069	45 194,636	11,118	10,649							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß   6,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	15	99 536	99 536,318	1 581 756,208	15,891	15,423	50	65	87 398	3 749,897	40 174,476	10,713	10,245
1	16	99 139	93 088,129	1 482 219,890	15,923	15,454	51	66	86 368	3 479,555	36 424,578	10,468	9,999
2	17	99 091	87 364,648	1 389 131,761	15,900	15,432	52	67	85 224	3 223,914	32 945,024	10,219	9,750
3	18	99 057	82 003,889	1 301 767,113	15,874	15,406	53	68	84 023	2 984,489	29 721,110	9,959	9,490
4	19	99 020	76 970,664	1 219 763,224	15,847	15,378	54	69	82 748	2 759,807	26 736,621	9,688	9,219
5	20	98 987	72 248,401	1 142 792,560	15,818	15,349	55	70	81 362	2 547,966	23 976,814	9,410	8,941
6	21	98 954	67 816,488	1 070 544,158	15,786	15,317	56	71	79 874	2 348,693	21 428,848	9,124	8,655
7	22	98 923	63 657,400	1 002 727,671	15,752	15,283	57	72	78 271	2 161,078	19 080,156	8,829	8,360
8	23	98 892	59 753,874	939 070,271	15,716	15,247	58	73	76 517	1 983,715	16 919,078	8,529	8,060
9	24	98 862	56 089,426	879 316,397	15,677	15,208	59	74	74 611	1 816,240	14 935,363	8,223	7,754
10	25	98 834	52 651,347	823 226,971	15,635	15,167	60	75	72 523	1 657,685	13 119,123	7,914	7,445
11	26	98 803	49 422,592	770 575,624	15,592	15,123	61	76	70 230	1 507,284	11 461,438	7,604	7,135
12	27	98 771	46 391,225	721 153,032	15,545	15,076	62	77	67 745	1 365,211	9 954,154	7,291	6,823
13	28	98 734	43 543,287	674 761,807	15,496	15,028	63	78	65 077	1 231,408	8 588,943	6,975	6,506
14	29	98 698	40 870,844	631 218,520	15,444	14,975	64	79	62 194	1 105,022	7 357,535	6,658	6,190
15	30	98 655	38 359,610	590 347,675	15,390	14,921	65	80	59 091	985,814	6 252,513	6,342	5,874
16	31	98 609	36 001,809	551 988,065	15,332	14,863	66	81	55 770	873,630	5 266,699	6,029	5,560
17	32	98 554	33 785,529	515 986,257	15,272	14,804	67	82	52 237	768,348	4 393,068	5,718	5,249
18	33	98 486	31 701,513	482 200,728	15,211	14,742	68	83	48 474	669,481	3 624,720	5,414	4,945
19	34	98 402	29 741,468	450 499,215	15,147	14,678	69	84	44 564	577,917	2 955,239	5,114	4,645
20	35	98 312	27 900,757	420 757,747	15,081	14,612	70	85	40 476	492,861	2 377,322	4,824	4,355
21	36	98 220	26 173,388	392 856,989	15,010	14,541	71	86	36 281	414,818	1 884,462	4,543	4,074
22	37	98 121	24 550,998	366 683,601	14,936	14,467	72	87	32 043	344,006	1 469,644	4,272	3,803
23	38	98 016	23 028,034	342 132,603	14,857	14,388	73	88	27 799	280,223	1 125,638	4,017	3,548
24	39	97 910	21 599,232	319 104,569	14,774	14,305	74	89	23 671	224,050	845,415	3,773	3,305
25	40	97 791	20 256,211	297 505,337	14,687	14,218	75	90	19 633	174,488	621,365	3,561	3,092
26	41	97 668	18 996,042	277 249,126	14,595	14,126	76	91	15 973	133,292	446,877	3,353	2,884
27	42	97 533	17 812,008	258 253,084	14,499	14,030	77	92	12 588	98,635	313,585	3,179	2,710
28	43	97 385	16 699,427	240 441,076	14,398	13,929	78	93	9 729	71,580	214,949	3,003	2,534
29	44	97 226	15 654,745	223 741,649	14,292	13,824	79	94	7 305	50,467	143,370	2,841	2,372
30	45	97 053	14 673,126	208 086,904	14,181	13,713	80	95	5 322	34,524	92,902	2,691	2,222
31	46	96 868	13 751,291	193 413,778	14,065	13,596	81	96	3 757	22,881	58,378	2,551	2,083
32	47	96 663	12 884,613	179 662,487	13,944	13,475	82	97	2 561	14,647	35,497	2,424	1,955
33	48	96 434	12 069,567	166 777,875	13,818	13,349	83	98	1 685	9,046	20,851	2,305	1,836
34	49	96 190	11 304,250	154 708,307	13,686	13,217	84	99	1 068	5,383	11,804	2,193	1,724
35	50	95 916	10 584,077	143 404,057	13,549	13,080	85	100	649	3,073	6,422	2,090	1,621
36	51	95 624	9 907,877	132 819,980	13,405	12,937							
37	52	95 306	9 272,234	122 912,103	13,256	12,787							
38	53	94 954	8 674,182	113 639,870	13,101	12,632							
39	54	94 565	8 111,359	104 965,688	12,941	12,472							
40	55	94 155	7 583,278	96 854,329	12,772	12,303							
41	56	93 701	7 086,118	89 271,051	12,598	12,129							
42	57	93 219	6 619,455	82 184,933	12,416	11,947							
43	58	92 705	6 181,142	75 565,478	12,225	11,756							
44	59	92 131	5 767,977	69 384,335	12,029	11,560							
45	60	91 514	5 379,643	63 616,358	11,825	11,357							
46	61	90 819	5 012,957	58 236,715	11,617	11,148							
47	62	90 074	4 668,376	53 223,759	11,401	10,932							
48	63	89 247	4 343,228	48 555,383	11,180	10,711							
49	64	88 361	4 037,679	44 212,155	10,950	10,481							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß   6,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	16	99 524	99 523,797	1 579 834,540	15,874	15,405	50	66	86 715	3 720,611	39 167,434	10,527	10,058
1	17	99 124	93 073,805	1 480 310,743	15,905	15,436	51	67	85 629	3 449,790	35 446,823	10,275	9,806
2	18	99 075	87 350,629	1 387 236,937	15,881	15,413	52	68	84 446	3 194,472	31 997,034	10,016	9,548
3	19	99 034	81 985,158	1 299 886,309	15,855	15,386	53	69	83 207	2 955,508	28 802,562	9,745	9,277
4	20	99 000	76 954,767	1 217 901,150	15,826	15,357	54	70	81 869	2 730,493	25 847,054	9,466	8,997
5	21	98 965	72 232,363	1 140 946,384	15,796	15,327	55	71	80 418	2 518,397	23 116,561	9,179	8,710
6	22	98 933	67 802,294	1 068 714,021	15,762	15,293	56	72	78 845	2 318,448	20 598,163	8,884	8,416
7	23	98 901	63 643,119	1 000 911,726	15,727	15,258	57	73	77 137	2 129,791	18 279,715	8,583	8,114
8	24	98 870	59 740,215	937 268,607	15,689	15,220	58	74	75 272	1 951,457	16 149,924	8,276	7,807
9	25	98 842	56 078,089	877 528,392	15,648	15,180	59	75	73 222	1 782,444	14 198,467	7,966	7,497
10	26	98 812	52 639,765	821 450,303	15,605	15,136	60	76	70 967	1 622,114	12 416,023	7,654	7,185
11	27	98 780	49 410,895	768 810,539	15,560	15,091	61	77	68 510	1 470,366	10 793,908	7,341	6,872
12	28	98 745	46 378,762	719 399,643	15,511	15,043	62	78	65 867	1 327,362	9 323,542	7,024	6,555
13	29	98 709	43 532,277	673 020,881	15,460	14,992	63	79	62 990	1 191,918	7 996,180	6,709	6,240
14	30	98 670	40 859,118	629 488,605	15,406	14,938	64	80	59 936	1 064,903	6 804,261	6,390	5,921
15	31	98 627	38 348,753	588 629,487	15,349	14,881	65	81	56 623	944,641	5 739,358	6,076	5,607
16	32	98 580	35 990,935	550 280,734	15,289	14,821	66	82	53 116	832,054	4 794,717	5,763	5,294
17	33	98 519	33 773,553	514 289,799	15,228	14,759	67	83	49 357	725,978	3 962,663	5,458	4,990
18	34	98 450	31 689,921	480 516,246	15,163	14,694	68	84	45 434	627,497	3 236,685	5,158	4,689
19	35	98 360	29 728,835	448 826,324	15,097	14,629	69	85	41 342	536,124	2 609,188	4,867	4,398
20	36	98 273	27 889,660	419 097,490	15,027	14,558	70	86	37 126	452,074	2 073,063	4,586	4,117
21	37	98 174	26 160,950	391 207,830	14,954	14,485	71	87	32 863	375,733	1 620,989	4,314	3,845
22	38	98 068	24 537,895	365 046,880	14,877	14,408	72	88	28 573	306,753	1 245,257	4,059	3,591
23	39	97 962	23 015,214	340 508,984	14,795	14,326	73	89	24 399	245,955	938,504	3,816	3,347
24	40	97 846	21 584,943	317 493,770	14,709	14,240	74	90	20 321	192,343	692,548	3,601	3,132
25	41	97 722	20 241,906	295 908,827	14,619	14,150	75	91	16 594	147,478	500,205	3,392	2,923
26	42	97 590	18 980,817	275 666,921	14,523	14,055	76	92	13 134	109,608	352,727	3,218	2,749
27	43	97 446	17 796,154	256 686,104	14,424	13,955	77	93	10 206	79,971	243,119	3,040	2,571
28	44	97 285	16 682,328	238 889,950	14,320	13,851	78	94	7 713	56,745	163,148	2,875	2,406
29	45	97 117	15 637,162	222 207,623	14,210	13,741	79	95	5 655	39,067	106,404	2,724	2,255
30	46	96 930	14 654,502	206 570,461	14,096	13,627	80	96	4 018	26,064	67,336	2,584	2,115
31	47	96 732	13 731,914	191 915,959	13,976	13,507	81	97	2 762	16,824	41,272	2,453	1,984
32	48	96 505	12 863,545	178 184,045	13,852	13,383	82	98	1 832	10,476	24,448	2,334	1,865
33	49	96 263	12 048,223	165 320,500	13,722	13,253	83	99	1 170	6,285	13,972	2,223	1,754
34	50	95 992	11 280,990	153 272,277	13,587	13,118	84	100	720	3,629	7,687	2,118	1,650
35	51	95 704	10 560,760	141 991,287	13,445	12,976							
36	52	95 390	9 883,635	131 430,527	13,298	12,829							
37	53	95 044	9 246,778	121 546,892	13,145	12,676							
38	54	94 669	8 648,103	112 300,114	12,986	12,517							
39	55	94 263	8 085,473	103 652,012	12,820	12,351							
40	56	93 821	7 556,409	95 566,538	12,647	12,178							
41	57	93 347	7 059,388	88 010,129	12,467	11,998							
42	58	92 847	6 593,000	80 950,741	12,278	11,810							
43	59	92 296	6 153,869	74 357,741	12,083	11,614							
44	60	91 696	5 740,741	68 203,872	11,881	11,412							
45	61	91 020	5 350,650	62 463,131	11,674	11,205							
46	62	90 297	4 984,149	57 112,481	11,459	10,990							
47	63	89 505	4 638,929	52 128,332	11,237	10,768							
48	64	88 646	4 313,964	47 489,403	11,008	10,540							
49	65	87 712	4 008,005	43 175,439	10,772	10,304							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß   6,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	(12) $ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	(12) $ä_{xy}$
0	17	99 508	99 508,483	1 577 780,907	15,856	15,387	50	67	85 973	3 688,784	38 106,838	10,330	9,862
1	18	99 108	93 058,870	1 478 272,424	15,885	15,417	51	68	84 847	3 418,285	34 418,054	10,069	9,600
2	19	99 053	87 330,677	1 385 213,554	15,862	15,393	52	69	83 626	3 163,452	30 999,769	9,799	9,331
3	20	99 013	81 968,225	1 297 882,878	15,834	15,365	53	70	82 323	2 924,116	27 836,317	9,520	9,051
4	21	98 978	76 937,684	1 215 914,652	15,804	15,335	54	71	80 919	2 698,807	24 912,201	9,231	8,762
5	22	98 944	72 217,246	1 138 976,969	15,772	15,303	55	72	79 382	2 485,968	22 213,395	8,936	8,467
6	23	98 911	67 787,084	1 066 759,723	15,737	15,268	56	73	77 704	2 284,882	19 727,427	8,634	8,165
7	24	98 878	63 628,572	998 972,639	15,700	15,231	57	74	75 883	2 095,158	17 442,545	8,325	7,856
8	25	98 850	59 728,139	935 344,067	15,660	15,191	58	75	73 872	1 915,145	15 347,387	8,014	7,545
9	26	98 820	56 065,753	875 615,928	15,618	15,149	59	76	71 651	1 744,197	13 432,242	7,701	7,232
10	27	98 789	52 627,307	819 550,176	15,573	15,104	60	77	69 229	1 582,384	11 688,045	7,386	6,918
11	28	98 753	49 397,621	766 922,869	15,526	15,057	61	78	66 610	1 429,602	10 105,661	7,069	6,600
12	29	98 720	46 367,034	717 525,248	15,475	15,006	62	79	63 754	1 284,796	8 676,058	6,753	6,284
13	30	98 681	43 519,786	671 158,213	15,422	14,953	63	80	60 703	1 148,645	7 391,262	6,435	5,966
14	31	98 642	40 847,553	627 638,427	15,365	14,897	64	81	57 432	1 020,427	6 242,617	6,118	5,649
15	32	98 597	38 337,171	586 790,874	15,306	14,837	65	82	53 928	899,686	5 222,190	5,804	5,336
16	33	98 545	35 978,177	548 453,703	15,244	14,775	66	83	50 187	786,171	4 322,505	5,498	5,029
17	34	98 483	33 761,204	512 475,526	15,179	14,711	67	84	46 262	680,451	3 536,334	5,197	4,728
18	35	98 408	31 676,460	478 714,322	15,113	14,644	68	85	42 149	582,119	2 855,883	4,906	4,437
19	36	98 321	29 717,010	447 037,861	15,043	14,574	69	86	37 920	491,758	2 273,764	4,624	4,155
20	37	98 227	27 876,406	417 320,851	14,970	14,502	70	87	33 628	409,478	1 782,007	4,352	3,883
21	38	98 121	26 146,989	389 444,445	14,894	14,426	71	88	29 304	335,044	1 372,528	4,097	3,628
22	39	98 014	24 524,235	363 297,457	14,814	14,345	72	89	25 079	269,241	1 037,484	3,853	3,385
23	40	97 897	22 999,988	338 773,222	14,729	14,261	73	90	20 946	211,148	768,243	3,638	3,170
24	41	97 777	21 569,699	315 773,233	14,640	14,171	74	91	17 176	162,569	557,095	3,427	2,958
25	42	97 644	20 225,682	294 203,534	14,546	14,077	75	92	13 645	121,273	394,525	3,253	2,784
26	43	97 503	18 963,923	273 977,852	14,447	13,979	76	93	10 649	88,867	273,252	3,075	2,606
27	44	97 347	17 777,932	255 013,930	14,344	13,876	77	94	8 091	63,397	184,385	2,908	2,440
28	45	97 176	16 663,591	237 235,998	14,237	13,768	78	95	5 970	43,927	120,988	2,754	2,286
29	46	96 994	15 617,315	220 572,407	14,124	13,655	79	96	4 269	29,494	77,061	2,613	2,144
30	47	96 794	14 633,852	204 955,093	14,006	13,537	80	97	2 954	19,165	47,567	2,482	2,013
31	48	96 574	13 709,461	190 321,240	13,882	13,414	81	98	1 976	12,033	28,403	2,360	1,892
32	49	96 334	12 840,797	176 611,780	13,754	13,285	82	99	1 273	7,279	16,369	2,249	1,780
33	50	96 065	12 023,432	163 770,983	13,621	13,152	83	100	789	4,237	9,091	2,146	1,677
34	51	95 780	11 256,138	151 747,551	13,481	13,013							
35	52	95 470	10 534,920	140 491,413	13,336	12,867							
36	53	95 128	9 856,500	129 956,493	13,185	12,716							
37	54	94 759	9 218,977	120 099,993	13,027	12,559							
38	55	94 366	8 620,505	110 881,016	12,862	12,394							
39	56	93 929	8 056,825	102 260,511	12,692	12,224							
40	57	93 467	7 527,905	94 203,686	12,514	12,045							
41	58	92 974	7 031,174	86 675,781	12,327	11,859							
42	59	92 437	6 563,910	79 644,606	12,134	11,665							
43	60	91 860	6 124,811	73 080,697	11,932	11,463							
44	61	91 202	5 709,802	66 955,886	11,726	11,258							
45	62	90 497	5 319,902	61 246,084	11,513	11,044							
46	63	89 727	4 952,710	55 926,183	11,292	10,823							
47	64	88 902	4 607,673	50 973,472	11,063	10,594							
48	65	87 994	4 282,259	46 365,799	10,827	10,359							
49	66	87 027	3 976,702	42 083,540	10,583	10,114							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß   6,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	18	99 493	99 492,515	1 575 589,798	15,836	15,368	50	68	85 188	3 655,097	36 992,093	10,121	9,652
1	19	99 085	93 037,614	1 476 097,283	15,866	15,397	51	69	84 023	3 385,091	33 336,997	9,848	9,379
2	20	99 032	87 312,640	1 383 059,669	15,840	15,372	52	70	82 738	3 129,851	29 951,905	9,570	9,101
3	21	98 992	81 950,029	1 295 747,029	15,811	15,343	53	71	81 368	2 890,182	26 822,054	9,280	8,812
4	22	98 957	76 921,581	1 213 797,000	15,780	15,311	54	72	79 877	2 664,054	23 931,872	8,983	8,515
5	23	98 922	72 201,045	1 136 875,419	15,746	15,277	55	73	78 233	2 449,976	21 267,818	8,681	8,212
6	24	98 888	67 771,589	1 064 674,374	15,710	15,241	56	74	76 440	2 247,727	18 817,842	8,372	7,903
7	25	98 858	63 615,710	996 902,785	15,671	15,202	57	75	74 471	2 056,172	16 570,115	8,059	7,590
8	26	98 828	59 715,000	933 287,075	15,629	15,160	58	76	72 287	1 874,050	14 513,942	7,745	7,276
9	27	98 796	56 052,484	873 572,074	15,585	15,116	59	77	69 896	1 701,476	12 639,892	7,429	6,960
10	28	98 762	52 613,168	817 519,591	15,538	15,070	60	78	67 310	1 538,515	10 938,416	7,110	6,641
11	29	98 728	49 385,130	764 906,422	15,489	15,020	61	79	64 474	1 383,758	9 399,901	6,793	6,324
12	30	98 692	46 353,731	715 521,293	15,436	14,967	62	80	61 440	1 238,150	8 016,143	6,474	6,006
13	31	98 653	43 507,469	669 167,562	15,381	14,912	63	81	58 168	1 100,671	6 777,993	6,158	5,689
14	32	98 612	40 835,216	625 660,093	15,322	14,853	64	82	54 699	971,864	5 677,322	5,842	5,373
15	33	98 562	38 323,581	584 824,877	15,260	14,791	65	83	50 954	850,073	4 705,458	5,535	5,067
16	34	98 509	35 965,022	546 501,295	15,195	14,727	66	84	47 040	736,869	3 855,385	5,232	4,763
17	35	98 441	33 746,863	510 536,273	15,128	14,660	67	85	42 916	631,244	3 118,516	4,940	4,472
18	36	98 369	31 663,861	476 789,410	15,058	14,589	68	86	38 661	533,946	2 487,272	4,658	4,190
19	37	98 275	29 702,888	445 125,549	14,986	14,517	69	87	34 348	445,423	1 953,326	4,385	3,917
20	38	98 174	27 861,529	415 422,661	14,910	14,442	70	88	29 987	365,135	1 507,903	4,130	3,661
21	39	98 067	26 132,432	387 561,132	14,831	14,362	71	89	25 720	294,072	1 142,768	3,886	3,417
22	40	97 949	24 508,011	361 428,700	14,747	14,279	72	90	21 530	231,139	848,696	3,672	3,203
23	41	97 828	22 983,745	336 920,689	14,659	14,190	73	91	17 704	178,464	617,557	3,460	2,992
24	42	97 698	21 552,411	313 936,944	14,566	14,097	74	92	14 124	133,683	439,093	3,285	2,816
25	43	97 557	20 207,679	292 384,533	14,469	14,000	75	93	11 063	98,325	305,410	3,106	2,637
26	44	97 403	18 944,505	272 176,853	14,367	13,898	76	94	8 442	70,449	207,085	2,939	2,471
27	45	97 237	17 757,964	253 232,349	14,260	13,791	77	95	6 263	49,076	136,636	2,784	2,315
28	46	97 052	16 642,441	235 474,384	14,149	13,680	78	96	4 507	33,163	87,559	2,640	2,172
29	47	96 857	15 595,308	218 831,944	14,032	13,563	79	97	3 139	21,687	54,397	2,508	2,040
30	48	96 635	14 609,924	203 236,635	13,911	13,442	80	98	2 113	13,707	32,710	2,386	1,918
31	49	96 403	13 685,216	188 626,711	13,783	13,315	81	99	1 373	8,361	19,003	2,273	1,804
32	50	96 136	12 814,375	174 941,495	13,652	13,183	82	100	858	4,906	10,642	2,169	1,700
33	51	95 853	11 996,944	162 127,120	13,514	13,045							
34	52	95 546	11 228,596	150 130,175	13,370	12,902							
35	53	95 208	10 505,998	138 901,579	13,221	12,752							
36	54	94 842	9 826,866	128 395,581	13,066	12,597							
37	55	94 456	9 189,557	118 568,715	12,903	12,434							
38	56	94 032	8 589,961	109 379,157	12,733	12,265							
39	57	93 574	8 026,433	100 789,197	12,557	12,088							
40	58	93 093	7 497,819	92 762,763	12,372	11,903							
41	59	92 564	7 000,151	85 264,944	12,180	11,712							
42	60	92 001	6 532,915	78 264,793	11,980	11,511							
43	61	91 365	6 091,802	71 731,879	11,775	11,306							
44	62	90 678	5 676,989	65 640,077	11,562	11,094							
45	63	89 927	5 286,346	59 963,088	11,343	10,874							
46	64	89 123	4 919,340	54 676,742	11,115	10,646							
47	65	88 249	4 573,809	49 757,402	10,879	10,410							
48	66	87 307	4 248,815	45 183,593	10,634	10,166							
49	67	86 283	3 942,685	40 934,778	10,382	9,914							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß   6,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	19	99 470	99 469,790	1 573 253,064	15,816	15,348	50	69	84 361	3 619,603	35 821,871	9,897	9,428
1	20	99 065	93 018,398	1 473 783,274	15,844	15,375	51	70	83 131	3 349,137	32 202,268	9,615	9,146
2	21	99 010	87 293,257	1 380 764,876	15,818	15,349	52	71	81 778	3 093,530	28 853,131	9,327	8,858
3	22	98 971	81 932,878	1 293 471,619	15,787	15,318	53	72	80 320	2 852,965	25 759,601	9,029	8,560
4	23	98 935	76 904,326	1 211 538,741	15,754	15,285	54	73	78 721	2 625,484	22 906,636	8,725	8,256
5	24	98 899	72 184,541	1 134 634,416	15,719	15,250	55	74	76 961	2 410,137	20 281,152	8,415	7,946
6	25	98 868	67 757,890	1 062 449,874	15,680	15,211	56	75	75 018	2 205,903	17 871,015	8,101	7,633
7	26	98 836	63 601,716	994 691,984	15,639	15,171	57	76	72 873	2 012,051	15 665,112	7,786	7,317
8	27	98 805	59 700,868	931 090,268	15,596	15,127	58	77	70 516	1 828,150	13 653,062	7,468	6,999
9	28	98 770	56 037,425	871 389,400	15,550	15,081	59	78	67 958	1 654,305	11 824,912	7,148	6,679
10	29	98 737	52 599,864	815 351,975	15,501	15,032	60	79	65 151	1 489,177	10 170,607	6,830	6,361
11	30	98 700	49 370,960	762 752,111	15,449	14,981	61	80	62 133	1 333,519	8 681,430	6,510	6,041
12	31	98 664	46 340,611	713 381,151	15,394	14,926	62	81	58 874	1 186,438	7 347,911	6,193	5,725
13	32	98 623	43 494,329	667 040,540	15,336	14,868	63	82	55 400	1 048,290	6 161,472	5,878	5,409
14	33	98 577	40 820,741	623 546,211	15,275	14,806	64	83	51 683	918,272	5 113,183	5,568	5,100
15	34	98 526	38 309,569	582 725,470	15,211	14,742	65	84	47 759	796,764	4 194,911	5,265	4,796
16	35	98 467	35 949,745	544 415,901	15,144	14,675	66	85	43 638	683,582	3 398,147	4,971	4,502
17	36	98 402	33 733,440	508 466,156	15,073	14,604	67	86	39 365	579,005	2 714,566	4,688	4,220
18	37	98 322	31 648,814	474 732,716	15,000	14,531	68	87	35 018	483,636	2 135,561	4,416	3,947
19	38	98 222	29 687,036	443 083,902	14,925	14,456	69	88	30 628	397,187	1 651,924	4,159	3,690
20	39	98 119	27 846,018	413 396,866	14,846	14,377	70	89	26 320	320,484	1 254,737	3,915	3,446
21	40	98 002	26 115,144	385 550,848	14,763	14,295	71	90	22 080	252,456	934,253	3,701	3,232
22	41	97 880	24 490,702	359 435,703	14,676	14,208	72	91	18 197	195,360	681,797	3,490	3,021
23	42	97 749	22 965,324	334 945,001	14,585	14,116	73	92	14 558	146,753	486,437	3,315	2,846
24	43	97 611	21 533,228	311 979,677	14,488	14,020	74	93	11 451	108,387	339,684	3,134	2,665
25	44	97 457	20 186,988	290 446,449	14,388	13,919	75	94	8 770	77,947	231,298	2,967	2,499
26	45	97 294	18 923,227	270 259,461	14,282	13,813	76	95	6 535	54,536	153,351	2,812	2,343
27	46	97 114	17 735,425	251 336,235	14,171	13,703	77	96	4 728	37,050	98,815	2,667	2,198
28	47	96 916	16 618,990	233 600,809	14,056	13,588	78	97	3 314	24,384	61,765	2,533	2,064
29	48	96 699	15 569,808	216 981,819	13,936	13,467	79	98	2 245	15,511	37,380	2,410	1,941
30	49	96 464	14 584,088	201 412,011	13,810	13,342	80	99	1 468	9,524	21,869	2,296	1,828
31	50	96 204	13 657,057	186 827,924	13,680	13,211	81	100	925	5,636	12,345	2,190	1,722
32	51	95 924	12 786,145	173 170,867	13,544	13,075							
33	52	95 619	11 967,590	160 384,722	13,402	12,933							
34	53	95 284	11 197,770	148 417,132	13,254	12,785							
35	54	94 922	10 474,411	137 219,362	13,100	12,632							
36	55	94 539	9 795,507	126 744,951	12,939	12,470							
37	56	94 121	9 156,997	116 949,444	12,772	12,303							
38	57	93 677	8 557,558	107 792,447	12,596	12,127							
39	58	93 200	7 994,355	99 234,889	12,413	11,944							
40	59	92 683	7 464,737	91 240,534	12,223	11,754							
41	60	92 127	6 967,096	83 775,797	12,024	11,556							
42	61	91 505	6 497,707	76 808,702	11,821	11,352							
43	62	90 840	6 056,794	70 310,995	11,609	11,140							
44	63	90 106	5 641,181	64 254,201	11,390	10,921							
45	64	89 321	5 250,727	58 613,020	11,163	10,694							
46	65	88 468	4 883,185	53 362,293	10,928	10,459							
47	66	87 560	4 538,088	48 479,108	10,683	10,214							
48	67	86 560	4 212,470	43 941,020	10,431	9,962							
49	68	85 495	3 906,679	39 728,550	10,169	9,701							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß   6,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	20	99 449	99 449,245	1 570 768,576	15,795	15,326	50	70	83 465	3 581,158	34 594,718	9,660	9,191
1	21	99 043	92 997,749	1 471 319,331	15,821	15,352	51	71	82 166	3 310,271	31 013,561	9,369	8,900
2	22	98 989	87 274,987	1 378 321,582	15,793	15,324	52	72	80 724	3 053,694	27 703,290	9,072	8,603
3	23	98 949	81 914,498	1 291 046,595	15,761	15,292	53	73	79 157	2 811,660	24 649,596	8,767	8,298
4	24	98 912	76 886,747	1 209 132,097	15,726	15,257	54	74	77 440	2 582,791	21 837,935	8,455	7,986
5	25	98 879	72 169,950	1 132 245,350	15,689	15,220	55	75	75 529	2 365,290	19 255,145	8,141	7,672
6	26	98 847	67 742,985	1 060 075,400	15,648	15,180	56	76	73 408	2 158,568	16 889,855	7,825	7,356
7	27	98 813	63 586,663	992 332,416	15,606	15,137	57	77	71 088	1 962,770	14 731,286	7,505	7,037
8	28	98 778	59 684,829	928 745,752	15,561	15,092	58	78	68 561	1 777,467	12 768,516	7,184	6,715
9	29	98 745	56 023,255	869 060,923	15,513	15,044	59	79	65 779	1 601,255	10 991,049	6,864	6,395
10	30	98 709	52 584,772	813 037,668	15,461	14,993	60	80	62 786	1 435,111	9 389,795	6,543	6,074
11	31	98 672	49 356,987	760 452,896	15,407	14,938	61	81	59 538	1 277,824	7 954,684	6,225	5,756
12	32	98 634	46 326,615	711 095,909	15,350	14,881	62	82	56 072	1 129,975	6 676,860	5,909	5,440
13	33	98 588	43 478,911	664 769,294	15,289	14,821	63	83	52 345	990,482	5 546,885	5,600	5,131
14	34	98 541	40 805,816	621 290,383	15,226	14,757	64	84	48 442	860,685	4 556,402	5,294	4,825
15	35	98 484	38 293,296	580 484,567	15,159	14,690	65	85	44 305	739,145	3 695,717	5,000	4,531
16	36	98 428	35 935,446	542 191,271	15,088	14,619	66	86	40 027	627,012	2 956,572	4,715	4,247
17	37	98 355	33 717,410	506 255,825	15,015	14,546	67	87	35 656	524,450	2 329,560	4,442	3,973
18	38	98 269	31 631,923	472 538,415	14,939	14,470	68	88	31 226	431,262	1 805,110	4,186	3,717
19	39	98 167	29 670,509	440 906,492	14,860	14,391	69	89	26 883	348,616	1 373,847	3,941	3,472
20	40	98 055	27 827,597	411 235,983	14,778	14,309	70	90	22 595	275,130	1 025,231	3,726	3,258
21	41	97 933	26 096,701	383 408,387	14,692	14,223	71	91	18 663	213,377	750,101	3,515	3,047
22	42	97 801	24 471,073	357 311,686	14,601	14,133	72	92	14 964	160,647	536,724	3,341	2,872
23	43	97 662	22 944,883	332 840,612	14,506	14,037	73	93	11 803	118,984	376,077	3,161	2,692
24	44	97 511	21 511,179	309 895,730	14,406	13,938	74	94	9 078	85,923	257,094	2,992	2,523
25	45	97 347	20 164,315	288 384,551	14,302	13,833	75	95	6 789	60,340	171,170	2,837	2,368
26	46	97 170	18 899,209	268 220,236	14,192	13,723	76	96	4 934	41,172	110,830	2,692	2,223
27	47	96 977	17 710,434	249 321,027	14,078	13,609	77	97	3 477	27,243	69,658	2,557	2,088
28	48	96 757	16 591,816	231 610,593	13,959	13,491	78	98	2 370	17,440	42,416	2,432	1,963
29	49	96 528	15 542,274	215 018,777	13,834	13,366	79	99	1 560	10,777	24,975	2,317	1,849
30	50	96 266	14 554,079	199 476,503	13,706	13,237	80	100	990	6,420	14,198	2,212	1,743
31	51	95 992	13 626,971	184 922,424	13,570	13,102							
32	52	95 689	12 754,860	171 295,454	13,430	12,961							
33	53	95 356	11 934,735	158 540,594	13,284	12,815							
34	54	94 997	11 164,103	146 605,859	13,132	12,663							
35	55	94 619	10 440,985	135 441,756	12,972	12,503							
36	56	94 204	9 760,800	125 000,771	12,806	12,338							
37	57	93 766	9 122,455	115 239,971	12,633	12,164							
38	58	93 303	8 523,357	106 117,516	12,450	11,981							
39	59	92 789	7 959,081	97 594,160	12,262	11,793							
40	60	92 245	7 429,488	89 635,078	12,065	11,596							
41	61	91 630	6 929,548	82 205,590	11,863	11,394							
42	62	90 979	6 460,366	75 276,042	11,652	11,183							
43	63	90 267	6 018,590	68 815,676	11,434	10,965							
44	64	89 499	5 603,171	62 797,086	11,207	10,739							
45	65	88 664	5 212,137	57 193,915	10,973	10,504							
46	66	87 777	4 845,048	51 981,778	10,729	10,260							
47	67	86 811	4 499,268	47 136,730	10,477	10,008							
48	68	85 770	4 174,000	42 637,461	10,215	9,746							
49	69	84 664	3 868,743	38 463,461	9,942	9,473							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß   6,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	21	99 427	99 427,169	1 568 124,550	15,772	15,303	50	71	82 496	3 539,599	33 310,331	9,411	8,942
1	22	99 022	92 978,285	1 468 697,382	15,796	15,327	51	72	81 108	3 267,644	29 770,732	9,111	8,642
2	23	98 967	87 255,409	1 375 719,096	15,767	15,298	52	73	79 556	3 009,484	26 503,088	8,807	8,338
3	24	98 926	81 895,774	1 288 463,687	15,733	15,264	53	74	77 870	2 765,939	23 493,604	8,494	8,025
4	25	98 892	76 871,205	1 206 567,914	15,696	15,227	54	75	76 000	2 534,731	20 727,665	8,177	7,709
5	26	98 857	72 154,074	1 129 696,709	15,657	15,188	55	76	73 908	2 314,536	18 192,934	7,860	7,392
6	27	98 823	67 726,952	1 057 542,634	15,615	15,146	56	77	71 610	2 105,699	15 878,398	7,541	7,072
7	28	98 786	63 569,581	989 815,682	15,571	15,102	57	78	69 117	1 908,355	13 772,699	7,217	6,748
8	29	98 753	59 669,737	926 246,101	15,523	15,054	58	79	66 363	1 720,466	11 864,344	6,896	6,427
9	30	98 717	56 007,181	866 576,364	15,473	15,004	59	80	63 391	1 543,120	10 143,878	6,574	6,105
10	31	98 681	52 569,889	810 569,184	15,419	14,950	60	81	60 164	1 375,173	8 600,758	6,254	5,786
11	32	98 642	49 342,080	757 999,295	15,362	14,893	61	82	56 705	1 217,012	7 225,585	5,937	5,468
12	33	98 599	46 310,194	708 657,215	15,302	14,834	62	83	52 980	1 067,664	6 008,573	5,628	5,159
13	34	98 552	43 463,014	662 347,021	15,239	14,771	63	84	49 062	928,368	4 940,910	5,322	4,853
14	35	98 499	40 788,482	618 884,008	15,173	14,704	64	85	44 939	798,444	4 012,542	5,025	4,557
15	36	98 445	38 278,065	578 095,526	15,103	14,634	65	86	40 639	677,977	3 214,098	4,741	4,272
16	37	98 381	35 918,369	539 817,461	15,029	14,560	66	87	36 255	567,933	2 536,120	4,466	3,997
17	38	98 303	33 699,415	503 899,092	14,953	14,484	67	88	31 794	467,656	1 968,187	4,209	3,740
18	39	98 215	31 614,313	470 199,677	14,873	14,404	68	89	27 407	378,525	1 500,531	3,964	3,495
19	40	98 103	29 650,880	438 585,363	14,792	14,323	69	90	23 078	299,281	1 122,006	3,749	3,280
20	41	97 985	27 807,944	408 934,483	14,706	14,237	70	91	19 097	232,541	822,725	3,538	3,069
21	42	97 854	26 075,785	381 126,539	14,616	14,147	71	92	15 346	175,463	590,184	3,364	2,895
22	43	97 714	24 449,292	355 050,754	14,522	14,053	72	93	12 132	130,248	414,721	3,184	2,715
23	44	97 562	22 921,389	330 601,462	14,423	13,955	73	94	9 357	94,324	284,473	3,016	2,547
24	45	97 402	21 487,019	307 680,074	14,319	13,851	74	95	7 027	66,515	190,149	2,859	2,390
25	46	97 224	20 138,722	286 193,055	14,211	13,742	75	96	5 126	45,553	123,634	2,714	2,245
26	47	97 033	18 872,578	266 054,334	14,097	13,629	76	97	3 628	30,273	78,081	2,579	2,110
27	48	96 818	17 681,475	247 181,756	13,980	13,511	77	98	2 487	19,485	47,807	2,454	1,985
28	49	96 586	16 562,474	229 500,280	13,857	13,388	78	99	1 647	12,118	28,322	2,337	1,869
29	50	96 329	15 510,293	212 937,806	13,729	13,260	79	100	1 052	7,265	16,205	2,231	1,762
30	51	96 054	14 522,016	197 427,513	13,595	13,126							
31	52	95 758	13 593,628	182 905,497	13,455	12,986							
32	53	95 427	12 719,843	169 311,868	13,311	12,842							
33	54	95 070	11 898,853	156 592,025	13,160	12,692							
34	55	94 694	11 128,476	144 693,173	13,002	12,533							
35	56	94 284	10 403,991	133 564,697	12,838	12,369							
36	57	93 849	9 723,980	123 160,706	12,666	12,197							
37	58	93 392	9 085,997	113 436,726	12,485	12,016							
38	59	92 891	8 485,749	104 350,729	12,297	11,828							
39	60	92 351	7 921,499	95 864,980	12,102	11,633							
40	61	91 748	7 389,448	87 943,482	11,901	11,432							
41	62	91 104	6 889,726	80 554,034	11,692	11,223							
42	63	90 405	6 419,616	73 664,308	11,475	11,006							
43	64	89 659	5 978,038	67 244,692	11,249	10,780							
44	65	88 841	5 561,991	61 266,654	11,015	10,546							
45	66	87 972	5 171,431	55 704,663	10,772	10,303							
46	67	87 026	4 803,603	50 533,232	10,520	10,051							
47	68	86 018	4 458,180	45 729,630	10,257	9,789							
48	69	84 937	4 133,468	41 271,450	9,985	9,516							
49	70	83 765	3 827,651	37 137,982	9,703	9,234							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß   6,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	22	99 406	99 406,360	1 565 312,411	15,747	15,278	50	72	81 434	3 494,019	31 968,578	9,150	8,681
1	23	99 000	92 957,428	1 465 906,052	15,770	15,301	51	73	79 934	3 220,336	28 474,559	8,842	8,373
2	24	98 945	87 235,464	1 372 948,624	15,738	15,270	52	74	78 262	2 960,546	25 254,223	8,530	8,062
3	25	98 906	81 879,219	1 285 713,160	15,703	15,234	53	75	76 421	2 714,472	22 293,677	8,213	7,744
4	26	98 870	76 854,295	1 203 833,941	15,664	15,195	54	76	74 369	2 480,341	19 579,205	7,894	7,425
5	27	98 834	72 136,998	1 126 979,646	15,623	15,154	55	77	72 098	2 257,846	17 098,864	7,573	7,104
6	28	98 797	67 708,758	1 054 842,648	15,579	15,110	56	78	69 625	2 047,321	14 841,018	7,249	6,780
7	29	98 761	63 553,506	987 133,890	15,532	15,064	57	79	66 901	1 847,157	12 793,697	6,926	6,457
8	30	98 725	59 652,616	923 580,384	15,483	15,014	58	80	63 953	1 658,003	10 946,539	6,602	6,134
9	31	98 689	55 991,329	863 927,768	15,430	14,961	59	81	60 743	1 478,670	9 288,536	6,282	5,813
10	32	98 651	52 554,011	807 936,439	15,373	14,905	60	82	57 300	1 309,728	7 809,866	5,963	5,494
11	33	98 607	49 324,589	755 382,428	15,315	14,846	61	83	53 578	1 149,900	6 500,138	5,653	5,184
12	34	98 563	46 293,261	706 057,838	15,252	14,783	62	84	49 657	1 000,709	5 350,237	5,346	4,878
13	35	98 510	43 444,552	659 764,577	15,186	14,718	63	85	45 514	861,232	4 349,529	5,050	4,582
14	36	98 460	40 772,259	616 320,026	15,116	14,647	64	86	41 220	732,369	3 488,297	4,763	4,294
15	37	98 398	38 259,874	575 547,767	15,043	14,574	65	87	36 810	614,097	2 755,927	4,488	4,019
16	38	98 328	35 899,200	537 287,893	14,967	14,498	66	88	32 329	506,431	2 141,831	4,229	3,761
17	39	98 248	33 680,654	501 388,693	14,887	14,418	67	89	27 906	410,468	1 635,400	3,984	3,515
18	40	98 150	31 593,399	467 708,039	14,804	14,335	68	90	23 529	324,957	1 224,932	3,770	3,301
19	41	98 033	29 629,940	436 114,640	14,719	14,250	69	91	19 506	252,954	899,975	3,558	3,089
20	42	97 907	27 785,656	406 484,700	14,629	14,161	70	92	15 704	191,222	647,021	3,384	2,915
21	43	97 767	26 052,575	378 699,044	14,536	14,067	71	93	12 442	142,261	455,799	3,204	2,735
22	44	97 614	24 424,257	352 646,469	14,438	13,970	72	94	9 618	103,254	313,539	3,037	2,568
23	45	97 453	22 895,644	328 222,211	14,336	13,867	73	95	7 244	73,018	210,285	2,880	2,411
24	46	97 278	21 459,747	305 326,567	14,228	13,759	74	96	5 305	50,215	137,267	2,734	2,265
25	47	97 087	20 110,344	283 866,821	14,115	13,647	75	97	3 769	33,495	87,052	2,599	2,130
26	48	96 875	18 841,719	263 756,477	13,999	13,530	76	98	2 595	21,652	53,557	2,473	2,005
27	49	96 647	17 650,207	244 914,758	13,876	13,407	77	99	1 728	13,538	31,904	2,357	1,888
28	50	96 387	16 528,395	227 264,551	13,750	13,281	78	100	1 110	8,169	18,366	2,248	1,780
29	51	96 117	15 476,124	210 736,156	13,617	13,148							
30	52	95 819	14 486,484	195 260,032	13,479	13,010							
31	53	95 495	13 556,309	180 773,548	13,335	12,866							
32	54	95 140	12 681,600	167 217,239	13,186	12,717							
33	55	94 766	11 860,881	154 535,639	13,029	12,560							
34	56	94 358	11 089,046	142 674,759	12,866	12,398							
35	57	93 928	10 364,745	131 585,713	12,696	12,227							
36	58	93 474	9 685,117	121 220,968	12,516	12,047							
37	59	92 980	9 045,906	111 535,850	12,330	11,861							
38	60	92 453	8 445,679	102 489,944	12,135	11,666							
39	61	91 853	7 878,807	94 044,265	11,936	11,468							
40	62	91 221	7 346,983	86 165,458	11,728	11,259							
41	63	90 529	6 846,268	78 818,475	11,513	11,044							
42	64	89 796	6 376,362	71 972,207	11,287	10,819							
43	65	89 000	5 934,102	65 595,846	11,054	10,585							
44	66	88 147	5 518,553	59 661,743	10,811	10,342							
45	67	87 219	5 127,193	54 143,190	10,560	10,091							
46	68	86 231	4 759,735	49 015,997	10,298	9,829							
47	69	85 183	4 414,888	44 256,262	10,024	9,556							
48	70	84 035	4 089,564	39 841,375	9,742	9,273							
49	71	82 793	3 783,232	35 751,810	9,450	8,981							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß   6,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	23	99 384	99 384,060	1 562 320,047	15,720	15,251	50	73	80 255	3 443,434	30 570,312	8,878	8,409
1	24	98 977	92 936,179	1 462 935,987	15,741	15,273	51	74	78 634	3 167,969	27 126,878	8,563	8,094
2	25	98 925	87 217,831	1 369 999,808	15,708	15,239	52	75	76 806	2 905,457	23 958,909	8,246	7,777
3	26	98 884	81 861,208	1 282 781,977	15,670	15,201	53	76	74 781	2 656,225	21 053,451	7,926	7,457
4	27	98 847	76 836,106	1 200 920,769	15,630	15,161	54	77	72 547	2 419,591	18 397,226	7,603	7,135
5	28	98 807	72 117,618	1 124 084,663	15,587	15,118	55	78	70 099	2 195,250	15 977,636	7,278	6,810
6	29	98 772	67 691,636	1 051 967,045	15,541	15,072	56	79	67 392	1 981,667	13 782,385	6,955	6,486
7	30	98 733	63 535,271	984 275,409	15,492	15,023	57	80	64 472	1 780,095	11 800,718	6,629	6,161
8	31	98 697	59 635,733	920 740,138	15,439	14,971	58	81	61 282	1 588,756	10 020,623	6,307	5,838
9	32	98 659	55 974,418	861 104,405	15,384	14,915	59	82	57 852	1 408,300	8 431,868	5,987	5,519
10	33	98 616	52 535,383	805 129,987	15,325	14,857	60	83	54 141	1 237,504	7 023,568	5,676	5,207
11	34	98 571	49 306,554	752 594,604	15,264	14,795	61	84	50 218	1 077,788	5 786,064	5,368	4,900
12	35	98 521	46 273,597	703 288,050	15,198	14,730	62	85	46 066	928,342	4 708,275	5,072	4,603
13	36	98 471	43 427,271	657 014,453	15,129	14,660	63	86	41 748	789,961	3 779,934	4,785	4,316
14	37	98 413	40 752,883	613 587,182	15,056	14,588	64	87	37 336	663,364	2 989,973	4,507	4,039
15	38	98 346	38 239,456	572 834,299	14,980	14,511	65	88	32 823	547,595	2 326,609	4,249	3,780
16	39	98 274	35 879,214	534 594,843	14,900	14,431	66	89	28 376	444,501	1 779,014	4,002	3,534
17	40	98 183	33 658,373	498 715,629	14,817	14,348	67	90	23 957	352,380	1 334,513	3,787	3,318
18	41	98 080	31 571,087	465 057,256	14,730	14,262	68	91	19 887	274,655	982,133	3,576	3,107
19	42	97 955	29 606,192	433 486,169	14,642	14,173	69	92	16 040	208,007	707,478	3,401	2,932
20	43	97 820	27 760,924	403 879,978	14,549	14,080	70	93	12 732	155,038	499,471	3,222	2,753
21	44	97 667	26 025,899	376 119,053	14,452	13,983	71	94	9 864	112,777	344,433	3,054	2,585
22	45	97 505	24 396,825	350 093,154	14,350	13,881	72	95	7 445	79,931	231,656	2,898	2,429
23	46	97 329	22 866,584	325 696,329	14,243	13,775	73	96	5 468	55,124	151,726	2,752	2,284
24	47	97 141	21 429,507	302 829,745	14,131	13,663	74	97	3 901	36,923	96,601	2,616	2,148
25	48	96 928	20 077,461	281 400,238	14,016	13,547	75	98	2 696	23,957	59,678	2,491	2,022
26	49	96 703	18 808,399	261 322,776	13,894	13,425	76	99	1 803	15,044	35,722	2,374	1,906
27	50	96 448	17 613,889	242 514,378	13,768	13,300	77	100	1 165	9,126	20,677	2,266	1,797
28	51	96 175	16 491,983	224 900,489	13,637	13,168							
29	52	95 882	15 438,257	208 408,506	13,499	13,031							
30	53	95 556	14 446,713	192 970,249	13,357	12,889							
31	54	95 208	13 515,551	178 523,536	13,209	12,740							
32	55	94 836	12 641,130	165 007,985	13,053	12,585							
33	56	94 431	11 818,856	152 366,854	12,892	12,423							
34	57	94 003	11 047,216	140 547,999	12,722	12,254							
35	58	93 553	10 323,322	129 500,783	12,544	12,076							
36	59	93 062	9 642,384	119 177,461	12,360	11,891							
37	60	92 541	9 003,191	109 535,078	12,166	11,698							
38	61	91 954	8 400,162	100 531,886	11,968	11,499							
39	62	91 326	7 833,530	92 131,724	11,761	11,292							
40	63	90 645	7 300,641	84 298,194	11,547	11,078							
41	64	89 919	6 800,138	76 997,554	11,323	10,854							
42	65	89 136	6 329,499	70 197,415	11,091	10,622							
43	66	88 305	5 887,758	63 867,916	10,848	10,379							
44	67	87 393	5 471,346	57 980,158	10,597	10,128							
45	68	86 423	5 080,370	52 508,812	10,336	9,867							
46	69	85 394	4 713,515	47 428,442	10,062	9,593							
47	70	84 278	4 367,995	42 714,927	9,779	9,310							
48	71	83 059	4 042,106	38 346,932	9,487	9,018							
49	72	81 727	3 734,514	34 304,826	9,186	8,717							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß   6,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä_{xy}^{(12)}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä_{xy}^{(12)}$
0	24	99 361	99 361,342	1 559 137,511	15,692	15,223	50	74	78 950	3 387,440	29 117,514	8,596	8,127
1	25	98 957	92 917,393	1 459 776,168	15,710	15,242	51	75	77 171	3 109,021	25 730,075	8,276	7,807
2	26	98 903	87 198,645	1 366 858,775	15,675	15,206	52	76	75 158	2 843,112	22 621,054	7,956	7,488
3	27	98 861	81 841,834	1 279 660,130	15,636	15,167	53	77	72 950	2 591,167	19 777,941	7,633	7,164
4	28	98 821	76 815,464	1 197 818,297	15,593	15,125	54	78	70 536	2 352,511	17 186,775	7,306	6,837
5	29	98 782	72 099,382	1 121 002,832	15,548	15,079	55	79	67 851	2 124,853	14 834,264	6,981	6,513
6	30	98 743	67 672,214	1 048 903,451	15,500	15,031	56	80	64 945	1 909,721	12 709,411	6,655	6,186
7	31	98 705	63 517,289	981 231,237	15,448	14,980	57	81	61 779	1 705,748	10 799,690	6,331	5,863
8	32	98 667	59 617,721	917 713,948	15,393	14,925	58	82	58 366	1 513,146	9 093,943	6,010	5,541
9	33	98 624	55 954,577	858 096,227	15,336	14,867	59	83	54 662	1 330,640	7 580,796	5,697	5,228
10	34	98 580	52 516,174	802 141,650	15,274	14,805	60	84	50 745	1 159,898	6 250,156	5,389	4,920
11	35	98 529	49 285,610	749 625,476	15,210	14,741	61	85	46 586	999,847	5 090,258	5,091	4,622
12	36	98 482	46 255,191	700 339,866	15,141	14,672	62	86	42 254	851,517	4 090,411	4,804	4,335
13	37	98 424	43 406,634	654 084,675	15,069	14,600	63	87	37 814	715,529	3 238,894	4,527	4,058
14	38	98 361	40 731,134	610 678,041	14,993	14,524	64	88	33 293	591,527	2 523,365	4,266	3,797
15	39	98 291	38 218,167	569 946,907	14,913	14,444	65	89	28 810	480,631	1 931,838	4,019	3,551
16	40	98 209	35 855,479	531 728,740	14,830	14,361	66	90	24 360	381,596	1 451,207	3,803	3,334
17	41	98 114	33 634,602	495 873,261	14,743	14,274	67	91	20 249	297,833	1 069,610	3,591	3,123
18	42	98 002	31 545,783	462 238,659	14,653	14,184	68	92	16 353	225,853	771,777	3,417	2,948
19	43	97 867	29 579,840	430 692,876	14,560	14,092	69	93	13 005	168,647	545,925	3,237	2,768
20	44	97 719	27 732,499	401 113,037	14,464	13,995	70	94	10 094	122,906	377,278	3,070	2,601
21	45	97 557	25 996,668	373 380,538	14,363	13,894	71	95	7 636	87,302	254,372	2,914	2,445
22	46	97 381	24 365,860	347 383,870	14,257	13,788	72	96	5 621	60,343	167,070	2,769	2,300
23	47	97 192	22 834,363	323 018,010	14,146	13,677	73	97	4 021	40,533	106,726	2,633	2,164
24	48	96 982	21 394,468	300 183,647	14,031	13,562	74	98	2 790	26,408	66,193	2,507	2,038
25	49	96 757	20 041,956	278 789,180	13,910	13,442	75	99	1 873	16,645	39,785	2,390	1,921
26	50	96 504	18 769,698	258 747,224	13,785	13,317	76	100	1 215	10,141	23,140	2,282	1,813
27	51	96 236	17 575,086	239 977,526	13,654	13,186							
28	52	95 940	16 451,630	222 402,441	13,519	13,050							
29	53	95 619	15 395,874	205 950,811	13,377	12,908							
30	54	95 269	14 403,278	190 554,937	13,230	12,761							
31	55	94 904	13 472,420	176 151,659	13,075	12,606							
32	56	94 500	12 596,341	162 679,239	12,915	12,446							
33	57	94 074	11 774,272	150 082,898	12,747	12,278							
34	58	93 627	11 003,065	138 308,626	12,570	12,101							
35	59	93 140	10 277,772	127 305,561	12,386	11,918							
36	60	92 622	9 596,852	117 027,789	12,194	11,726							
37	61	92 042	8 954,670	107 430,937	11,997	11,528							
38	62	91 426	8 351,889	98 476,267	11,791	11,322							
39	63	90 749	7 784,118	90 124,378	11,578	11,109							
40	64	90 035	7 251,450	82 340,259	11,355	10,886							
41	65	89 258	6 750,161	75 088,809	11,124	10,655							
42	66	88 440	6 280,067	68 338,648	10,882	10,413							
43	67	87 549	5 837,392	62 058,581	10,631	10,162							
44	68	86 595	5 421,380	56 221,188	10,370	9,902							
45	69	85 583	5 031,037	50 799,809	10,097	9,629							
46	70	84 487	4 663,450	45 768,772	9,814	9,346							
47	71	83 300	4 317,306	41 105,322	9,521	9,052							
48	72	81 990	3 990,055	36 788,017	9,220	8,751							
49	73	80 544	3 680,447	32 797,961	8,911	8,443							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß   6,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	25	99 341	99 341,258	1 555 753,092	15,661	15,192	50	75	77 481	3 324,408	27 612,756	8,306	7,837
1	26	98 935	92 896,954	1 456 411,834	15,678	15,209	51	76	75 515	3 042,308	24 288,349	7,984	7,515
2	27	98 879	87 178,008	1 363 514,880	15,641	15,172	52	77	73 317	2 773,477	21 246,041	7,660	7,192
3	28	98 834	81 819,847	1 276 336,873	15,599	15,131	53	78	70 927	2 519,330	18 472,564	7,332	6,864
4	29	98 796	76 796,040	1 194 517,026	15,554	15,086	54	79	68 274	2 277,070	15 953,234	7,006	6,537
5	30	98 754	72 078,695	1 117 720,986	15,507	15,038	55	80	65 388	2 047,708	13 676,165	6,679	6,210
6	31	98 715	67 653,060	1 045 642,291	15,456	14,987	56	81	62 233	1 829,960	11 628,457	6,354	5,886
7	32	98 675	63 498,105	977 989,230	15,402	14,933	57	82	58 839	1 624,571	9 798,496	6,031	5,563
8	33	98 632	59 596,588	914 491,125	15,345	14,876	58	83	55 147	1 429,705	8 173,926	5,717	5,248
9	34	98 588	55 934,118	854 894,537	15,284	14,815	59	84	51 234	1 247,194	6 744,221	5,408	4,939
10	35	98 538	52 493,866	798 960,419	15,220	14,751	60	85	47 076	1 076,019	5 497,027	5,109	4,640
11	36	98 490	49 266,007	746 466,553	15,152	14,683	61	86	42 731	917,105	4 421,008	4,821	4,352
12	37	98 435	46 233,210	697 200,547	15,080	14,611	62	87	38 273	771,285	3 503,903	4,543	4,074
13	38	98 371	43 383,469	650 967,336	15,005	14,536	63	88	33 719	638,043	2 732,618	4,283	3,814
14	39	98 306	40 708,458	607 583,868	14,925	14,457	64	89	29 221	519,191	2 094,575	4,034	3,566
15	40	98 226	38 192,884	566 875,410	14,842	14,374	65	90	24 733	412,614	1 575,384	3,818	3,349
16	41	98 139	35 830,156	528 682,526	14,755	14,286	66	91	20 589	322,527	1 162,770	3,605	3,136
17	42	98 035	33 607,644	492 852,369	14,665	14,196	67	92	16 651	244,912	840,243	3,431	2,962
18	43	97 915	31 517,704	459 244,725	14,571	14,102	68	93	13 259	183,115	595,331	3,251	2,782
19	44	97 767	29 549,552	427 727,021	14,475	14,006	69	94	10 309	133,694	412,216	3,083	2,615
20	45	97 610	27 701,351	398 177,469	14,374	13,905	70	95	7 814	95,143	278,521	2,927	2,459
21	46	97 433	25 963,672	370 476,118	14,269	13,800	71	96	5 765	65,909	183,378	2,782	2,314
22	47	97 244	24 331,526	344 512,446	14,159	13,690	72	97	4 133	44,370	117,469	2,647	2,179
23	48	97 033	22 797,026	320 180,920	14,045	13,576	73	98	2 876	28,990	73,099	2,522	2,053
24	49	96 811	21 356,633	297 383,894	13,925	13,456	74	99	1 939	18,349	44,109	2,404	1,935
25	50	96 557	20 000,716	276 027,261	13,801	13,332	75	100	1 263	11,221	25,760	2,296	1,827
26	51	96 292	18 728,348	256 026,545	13,671	13,202							
27	52	96 000	17 532,083	237 298,197	13,535	13,066							
28	53	95 676	16 406,464	219 766,114	13,395	12,926							
29	54	95 331	15 349,585	203 359,650	13,249	12,780							
30	55	94 965	14 357,314	188 010,064	13,095	12,626							
31	56	94 568	13 424,685	173 652,750	12,935	12,467							
32	57	94 144	12 548,825	160 228,065	12,768	12,300							
33	58	93 698	11 727,216	147 679,241	12,593	12,124							
34	59	93 214	10 954,516	135 952,025	12,411	11,942							
35	60	92 700	10 229,240	124 997,509	12,220	11,751							
36	61	92 123	9 545,131	114 768,269	12,024	11,555							
37	62	91 513	8 903,210	105 223,137	11,819	11,350							
38	63	90 849	8 299,208	96 319,927	11,606	11,137							
39	64	90 138	7 731,670	88 020,719	11,384	10,916							
40	65	89 373	7 198,156	80 289,049	11,154	10,685							
41	66	88 561	6 697,444	73 090,893	10,913	10,445							
42	67	87 683	6 226,346	66 393,449	10,663	10,195							
43	68	86 750	5 784,084	60 167,104	10,402	9,933							
44	69	85 754	5 368,735	54 383,020	10,130	9,661							
45	70	84 674	4 977,599	49 014,285	9,847	9,378							
46	71	83 506	4 609,332	44 036,686	9,554	9,085							
47	72	82 227	4 261,711	39 427,354	9,252	8,783							
48	73	80 803	3 932,288	35 165,643	8,943	8,474							
49	74	79 234	3 620,599	31 233,355	8,627	8,158							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß   6,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	49	93 528	4 012,926	50 143,832	12,496	12,027
1	0	99 613	93 533,538	1 500 201,259	16,039	15,570	51	50	92 962	3 745,208	46 130,906	12,317	11,849
2	1	99 267	87 519,387	1 406 667,721	16,073	15,604	52	51	92 318	3 492,280	42 385,698	12,137	11,668
3	2	99 222	82 140,630	1 319 148,333	16,060	15,591	53	52	91 632	3 254,737	38 893,418	11,950	11,481
4	3	99 193	77 105,141	1 237 007,704	16,043	15,574	54	53	90 876	3 030,879	35 638,681	11,759	11,290
5	4	99 169	72 381,491	1 159 902,563	16,025	15,556	55	54	90 041	2 819,768	32 607,802	11,564	11,095
6	5	99 146	67 948,399	1 087 521,072	16,005	15,536	56	55	89 147	2 621,363	29 788,034	11,364	10,895
7	6	99 126	63 788,125	1 019 572,673	15,984	15,515	57	56	88 183	2 434,775	27 166,671	11,158	10,689
8	7	99 109	59 884,802	955 784,548	15,960	15,492	58	57	87 144	2 259,226	24 731,896	10,947	10,478
9	8	99 092	56 220,352	895 899,746	15,936	15,467	59	58	86 032	2 094,280	22 472,670	10,730	10,262
10	9	99 077	52 781,030	839 679,394	15,909	15,440	60	59	84 835	1 939,100	20 378,390	10,509	10,040
11	10	99 062	49 551,805	786 898,364	15,880	15,412	61	60	83 557	1 793,322	18 439,289	10,282	9,813
12	11	99 046	46 520,221	737 346,560	15,850	15,381	62	61	82 179	1 656,096	16 645,967	10,051	9,583
13	12	99 027	43 672,605	690 826,338	15,818	15,350	63	62	80 727	1 527,548	14 989,871	9,813	9,344
14	13	99 008	40 999,293	647 153,733	15,785	15,316	64	63	79 204	1 407,250	13 462,322	9,566	9,098
15	14	98 984	38 487,763	606 154,440	15,749	15,281	65	64	77 561	1 293,958	12 055,072	9,316	8,848
16	15	98 956	36 128,394	567 666,677	15,712	15,244	66	65	75 832	1 187,893	10 761,114	9,059	8,590
17	16	98 918	33 910,299	531 538,283	15,675	15,206	67	66	73 995	1 088,376	9 573,221	8,796	8,327
18	17	98 869	31 824,972	497 627,983	15,636	15,168	68	67	72 050	995,091	8 484,845	8,527	8,058
19	18	98 806	29 863,422	465 803,012	15,598	15,129	69	68	70 025	908,097	7 489,754	8,248	7,779
20	19	98 735	28 020,667	435 939,590	15,558	15,089	70	69	67 893	826,709	6 581,658	7,961	7,493
21	20	98 661	26 290,902	407 918,923	15,516	15,047	71	70	65 643	750,521	5 754,949	7,668	7,199
22	21	98 586	24 667,475	381 628,021	15,471	15,002	72	71	63 263	679,174	5 004,427	7,368	6,900
23	22	98 513	23 144,796	356 960,546	15,423	14,954	73	72	60 756	612,445	4 325,253	7,062	6,594
24	23	98 440	21 715,969	333 815,750	15,372	14,903	74	73	58 089	549,823	3 712,809	6,753	6,284
25	24	98 362	20 374,513	312 099,781	15,318	14,849	75	74	55 209	490,670	3 162,986	6,446	5,978
26	25	98 288	19 116,623	291 725,269	15,260	14,792	76	75	52 153	435,223	2 672,316	6,140	5,671
27	26	98 209	17 935,505	272 608,646	15,199	14,731	77	76	48 910	383,248	2 237,093	5,837	5,368
28	27	98 124	16 826,207	254 673,141	15,136	14,667	78	77	45 482	334,634	1 853,845	5,540	5,071
29	28	98 039	15 785,519	237 846,935	15,067	14,599	79	78	41 885	289,363	1 519,211	5,250	4,781
30	29	97 949	14 808,591	222 061,415	14,995	14,527	80	79	38 156	247,511	1 229,849	4,969	4,500
31	30	97 859	13 891,896	207 252,824	14,919	14,450	81	80	34 379	209,397	982,338	4,691	4,223
32	31	97 761	13 031,034	193 360,928	14,838	14,370	82	81	30 543	174,679	772,940	4,425	3,956
33	32	97 660	12 223,026	180 329,894	14,753	14,285	83	82	26 753	143,664	598,261	4,164	3,696
34	33	97 551	11 464,194	168 106,868	14,664	14,195	84	83	23 055	116,253	454,596	3,910	3,442
35	34	97 438	10 752,030	156 642,675	14,569	14,100	85	84	19 488	92,266	338,343	3,667	3,198
36	35	97 314	10 083,038	145 890,645	14,469	14,000	86	85	16 114	71,639	246,077	3,435	2,966
37	36	97 190	9 455,539	135 807,607	14,363	13,894	87	86	12 994	54,240	174,438	3,216	2,747
38	37	97 052	8 865,801	126 352,068	14,252	13,783	88	87	10 178	39,892	120,198	3,013	2,544
39	38	96 893	8 311,107	117 486,268	14,136	13,667	89	88	7 730	28,447	80,306	2,823	2,354
40	39	96 728	7 790,558	109 175,160	14,014	13,545	90	89	5 649	19,523	51,859	2,656	2,188
41	40	96 540	7 300,861	101 384,602	13,887	13,418	91	90	3 996	12,968	32,336	2,494	2,025
42	41	96 340	6 841,045	94 083,741	13,753	13,284	92	91	2 703	8,235	19,369	2,352	1,883
43	42	96 115	6 408,552	87 242,696	13,613	13,145	93	92	1 742	4,983	11,134	2,235	1,766
44	43	95 859	6 001,343	80 834,144	13,469	13,001	94	93	1 081	2,903	6,151	2,119	1,650
45	44	95 570	5 618,095	74 832,801	13,320	12,851	95	94	640	1,613	3,248	2,014	1,545
46	45	95 251	5 257,610	69 214,707	13,165	12,696	96	95	360	0,852	1,635	1,918	1,449
47	46	94 895	4 918,262	63 957,097	13,004	12,535	97	96	192	0,427	0,783	1,831	1,362
48	47	94 488	4 598,266	59 038,835	12,839	12,371	98	97	97	0,203	0,355	1,752	1,283
49	48	94 031	4 296,736	54 440,568	12,670	12,201	99	98	46	0,091	0,152	1,680	1,212
							100	99	21	0,038	0,062	1,615	1,147

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß   6,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	48	93 694	4 020,035	50 464,758	12,553	12,085
1							51	49	93 154	3 752,931	46 444,722	12,376	11,907
2	0	99 581	87 796,181	1 407 513,488	16,032	15,563	52	50	92 522	3 499,990	42 691,792	12,198	11,729
3	1	99 248	82 162,318	1 319 717,307	16,062	15,594	53	51	91 856	3 262,721	39 191,802	12,012	11,543
4	2	99 208	77 116,627	1 237 554,990	16,048	15,579	54	52	91 126	3 039,223	35 929,081	11,822	11,353
5	3	99 180	72 389,579	1 160 438,363	16,030	15,562	55	53	90 313	2 828,271	32 889,858	11,629	11,160
6	4	99 158	67 956,498	1 088 048,784	16,011	15,542	56	54	89 432	2 629,755	30 061,587	11,431	10,963
7	5	99 136	63 794,573	1 020 092,286	15,990	15,522	57	55	88 497	2 443,432	27 431,832	11,227	10,758
8	6	99 118	59 890,018	956 297,713	15,968	15,499	58	56	87 474	2 267,781	24 988,400	11,019	10,550
9	7	99 101	56 225,177	896 407,695	15,943	15,474	59	57	86 378	2 102,684	22 720,619	10,806	10,337
10	8	99 085	52 784,917	840 182,518	15,917	15,448	60	58	85 211	1 947,694	20 617,935	10,586	10,117
11	9	99 068	49 555,223	787 397,601	15,889	15,421	61	59	83 954	1 801,831	18 670,241	10,362	9,893
12	10	99 053	46 523,523	737 842,377	15,860	15,391	62	60	82 624	1 665,070	16 868,411	10,131	9,662
13	11	99 035	43 676,098	691 318,854	15,828	15,360	63	61	81 194	1 536,378	15 203,341	9,896	9,427
14	12	99 016	41 002,594	647 642,756	15,795	15,326	64	62	79 707	1 416,183	13 666,963	9,651	9,182
15	13	98 993	38 491,211	606 640,162	15,760	15,292	65	63	78 087	1 302,736	12 250,780	9,404	8,935
16	14	98 967	36 132,311	568 148,952	15,724	15,255	66	64	76 393	1 196,688	10 948,044	9,149	8,680
17	15	98 930	33 914,565	532 016,641	15,687	15,218	67	65	74 577	1 096,943	9 751,356	8,890	8,421
18	16	98 884	31 829,869	498 102,076	15,649	15,180	68	66	72 672	1 003,676	8 654,413	8,623	8,154
19	17	98 822	29 868,215	466 272,206	15,611	15,142	69	67	70 671	916,466	7 650,737	8,348	7,879
20	18	98 757	28 027,069	436 403,991	15,571	15,102	70	68	68 559	834,816	6 734,271	8,067	7,598
21	19	98 682	26 296,333	408 376,923	15,530	15,061	71	69	66 347	758,579	5 899,455	7,777	7,308
22	20	98 608	24 672,952	382 080,590	15,486	15,017	72	70	64 006	687,148	5 140,876	7,481	7,013
23	21	98 534	23 149,641	357 407,637	15,439	14,970	73	71	61 548	620,434	4 453,729	7,178	6,710
24	22	98 462	21 720,841	334 257,996	15,389	14,920	74	72	58 942	557,900	3 833,295	6,871	6,402
25	23	98 385	20 379,171	312 537,155	15,336	14,867	75	73	56 122	498,781	3 275,395	6,567	6,098
26	24	98 308	19 120,488	292 157,984	15,280	14,811	76	74	53 142	443,475	2 776,614	6,261	5,792
27	25	98 231	17 939,451	273 037,496	15,220	14,751	77	75	49 983	391,652	2 333,139	5,957	5,488
28	26	98 147	16 830,190	255 098,045	15,157	14,688	78	76	46 624	343,036	1 941,487	5,660	5,191
29	27	98 065	15 789,761	238 267,856	15,090	14,621	79	77	43 080	297,614	1 598,451	5,371	4,902
30	28	97 974	14 812,337	222 478,094	15,020	14,551	80	78	39 420	255,711	1 300,837	5,087	4,618
31	29	97 887	13 895,883	207 665,758	14,944	14,476	81	79	35 674	217,286	1 045,126	4,810	4,341
32	30	97 789	13 034,724	193 769,875	14,866	14,397	82	80	31 874	182,293	827,840	4,541	4,073
33	31	97 689	12 226,718	180 735,151	14,782	14,313	83	81	28 089	150,843	645,547	4,280	3,811
34	32	97 585	11 468,259	168 508,433	14,693	14,225	84	82	24 401	123,038	494,704	4,021	3,552
35	33	97 473	10 755,963	157 040,174	14,600	14,132	85	83	20 792	98,440	371,666	3,776	3,307
36	34	97 356	10 087,322	146 284,211	14,502	14,033	86	84	17 371	77,223	273,226	3,538	3,069
37	35	97 229	9 459,301	136 196,889	14,398	13,929	87	85	14 166	59,133	196,003	3,315	2,846
38	36	97 098	8 870,016	126 737,587	14,288	13,820	88	86	11 236	44,041	136,869	3,108	2,639
39	37	96 945	8 315,545	117 867,572	14,174	13,706	89	87	8 668	31,902	92,828	2,910	2,441
40	38	96 782	7 794,898	109 552,027	14,054	13,586	90	88	6 437	22,243	60,926	2,739	2,270
41	39	96 604	7 305,694	101 757,129	13,928	13,460	91	89	4 655	15,105	38,684	2,561	2,092
42	40	96 408	6 845,880	94 451,435	13,797	13,328	92	90	3 198	9,743	23,578	2,420	1,951
43	41	96 193	6 413,692	87 605,555	13,659	13,190	93	91	2 118	6,059	13,835	2,283	1,815
44	42	95 944	6 006,689	81 191,862	13,517	13,048	94	92	1 333	3,581	7,776	2,172	1,703
45	43	95 668	5 623,853	75 185,173	13,369	12,900	95	93	807	2,035	4,195	2,062	1,593
46	44	95 358	5 263,522	69 561,320	13,216	12,747	96	94	465	1,101	2,160	1,962	1,493
47	45	95 016	4 924,512	64 297,798	13,057	12,588	97	95	255	0,566	1,059	1,871	1,402
48	46	94 621	4 604,755	59 373,286	12,894	12,425	98	96	132	0,276	0,493	1,788	1,320
49	47	94 185	4 303,773	54 768,531	12,726	12,257	99	97	65	0,127	0,217	1,714	1,245
							100	98	30	0,055	0,091	1,645	1,177

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß   6,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	47	93 847	4 026,619	50 760,398	12,606	12,137
1							51	48	93 319	3 759,579	46 733,779	12,431	11,962
2							52	49	92 713	3 507,207	42 974,200	12,253	11,784
3	0	99 562	82 422,169	1 320 498,928	16,021	15,552	53	50	92 059	3 269,924	39 466,993	12,070	11,601
4	1	99 234	77 136,988	1 238 076,759	16,050	15,582	54	51	91 349	3 046,677	36 197,069	11,881	11,412
5	2	99 195	72 400,362	1 160 939,771	16,035	15,566	55	52	90 561	2 836,057	33 150,391	11,689	11,220
6	3	99 169	67 964,092	1 088 539,409	16,016	15,548	56	53	89 702	2 637,685	30 314,334	11,493	11,024
7	4	99 148	63 802,177	1 020 575,316	15,996	15,527	57	54	88 780	2 451,255	27 676,649	11,291	10,822
8	5	99 128	59 896,072	956 773,140	15,974	15,505	58	55	87 785	2 275,844	25 225,394	11,084	10,615
9	6	99 109	56 230,074	896 877,068	15,950	15,481	59	56	86 705	2 110,645	22 949,550	10,873	10,404
10	7	99 093	52 789,448	840 646,993	15,925	15,456	60	57	85 553	1 955,510	20 838,904	10,657	10,188
11	8	99 076	49 558,873	787 857,545	15,897	15,429	61	58	84 326	1 809,816	18 883,395	10,434	9,965
12	9	99 060	46 526,733	738 298,673	15,868	15,400	62	59	83 016	1 672,970	17 073,579	10,206	9,737
13	10	99 042	43 679,198	691 771,940	15,838	15,369	63	60	81 634	1 544,703	15 400,609	9,970	9,501
14	11	99 024	41 005,873	648 092,742	15,805	15,336	64	61	80 167	1 424,369	13 855,906	9,728	9,259
15	12	99 001	38 494,309	607 086,869	15,771	15,302	65	62	78 583	1 311,005	12 431,538	9,482	9,014
16	13	98 976	36 135,548	568 592,559	15,735	15,266	66	63	76 911	1 204,806	11 120,532	9,230	8,761
17	14	98 941	33 918,242	532 457,012	15,698	15,230	67	64	75 130	1 105,064	9 915,727	8,973	8,504
18	15	98 897	31 833,874	498 538,770	15,661	15,192	68	65	73 244	1 011,577	8 810,662	8,710	8,241
19	16	98 837	29 872,811	466 704,896	15,623	15,154	69	66	71 280	924,373	7 799,086	8,437	7,968
20	17	98 773	28 031,567	436 832,085	15,584	15,115	70	67	69 191	842,510	6 874,712	8,160	7,691
21	18	98 704	26 302,341	408 800,518	15,542	15,074	71	68	66 998	766,017	6 032,203	7,875	7,406
22	19	98 628	24 678,049	382 498,177	15,500	15,031	72	69	64 693	694,525	5 266,185	7,582	7,114
23	20	98 556	23 154,781	357 820,128	15,453	14,985	73	70	62 271	627,719	4 571,661	7,283	6,814
24	21	98 482	21 725,388	334 665,347	15,404	14,936	74	71	59 711	565,178	3 943,942	6,978	6,509
25	22	98 407	20 383,744	312 939,959	15,352	14,884	75	72	56 946	506,108	3 378,764	6,676	6,207
26	23	98 330	19 124,859	292 556,215	15,297	14,828	76	73	54 021	450,805	2 872,656	6,372	5,904
27	24	98 251	17 943,078	273 431,355	15,239	14,770	77	74	50 930	399,078	2 421,851	6,069	5,600
28	25	98 169	16 833,893	255 488,278	15,177	14,708	78	75	47 646	350,558	2 022,773	5,770	5,301
29	26	98 088	15 793,499	238 654,385	15,111	14,642	79	76	44 161	305,086	1 672,215	5,481	5,012
30	27	98 001	14 816,317	222 860,886	15,042	14,573	80	77	40 544	263,003	1 367,129	5,198	4,729
31	28	97 912	13 899,398	208 044,568	14,968	14,499	81	78	36 856	224,485	1 104,126	4,918	4,450
32	29	97 817	13 038,465	194 145,171	14,890	14,421	82	79	33 075	189,161	879,641	4,650	4,181
33	30	97 717	12 230,180	181 106,706	14,808	14,339	83	80	29 314	157,418	690,480	4,386	3,918
34	31	97 615	11 471,723	168 876,526	14,721	14,252	84	81	25 620	129,186	533,063	4,126	3,658
35	32	97 508	10 759,777	157 404,803	14,629	14,160	85	82	22 005	104,185	403,876	3,877	3,408
36	33	97 391	10 091,012	146 645,026	14,532	14,063	86	83	18 533	82,390	299,692	3,637	3,169
37	34	97 270	9 463,321	136 554,014	14,430	13,961	87	84	15 270	63,743	217,301	3,409	2,940
38	35	97 136	8 873,545	127 090,693	14,322	13,854	88	85	12 250	48,015	153,558	3,198	2,729
39	36	96 991	8 319,499	118 217,147	14,210	13,741	89	86	9 570	35,220	105,544	2,997	2,528
40	37	96 834	7 799,060	109 897,649	14,091	13,622	90	87	7 218	24,944	70,323	2,819	2,350
41	38	96 658	7 309,763	102 098,589	13,967	13,499	91	88	5 304	17,210	45,379	2,637	2,168
42	39	96 472	6 850,412	94 788,826	13,837	13,368	92	89	3 725	11,349	28,170	2,482	2,013
43	40	96 260	6 418,225	87 938,414	13,701	13,233	93	90	2 506	7,169	16,820	2,346	1,877
44	41	96 021	6 011,508	81 520,189	13,561	13,092	94	91	1 621	4,354	9,651	2,216	1,748
45	42	95 753	5 628,863	75 508,681	13,415	12,946	95	92	995	2,510	5,297	2,111	1,642
46	43	95 456	5 268,917	69 879,818	13,263	12,794	96	93	587	1,389	2,787	2,006	1,538
47	44	95 122	4 930,049	64 610,901	13,106	12,637	97	94	329	0,731	1,398	1,912	1,443
48	45	94 741	4 610,607	59 680,851	12,944	12,476	98	95	175	0,365	0,667	1,825	1,357
49	46	94 318	4 309,846	55 070,244	12,778	12,309	99	96	88	0,173	0,301	1,747	1,278
							100	97	42	0,077	0,129	1,676	1,207

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 6,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	46	93 980	4 032,301	51 032,155	12,656	12,187
1							51	47	93 472	3 765,737	46 999,854	12,481	12,012
2							52	48	92 877	3 513,420	43 234,118	12,305	11,837
3							53	49	92 249	3 276,666	39 720,697	12,122	11,654
4	0	99 548	77 380,946	1 238 798,942	16,009	15,540	54	50	91 551	3 053,404	36 444,031	11,936	11,467
5	1	99 221	72 419,479	1 161 417,996	16,037	15,569	55	51	90 784	2 843,014	33 390,627	11,745	11,276
6	2	99 184	67 974,216	1 088 998,518	16,021	15,552	56	52	89 949	2 644,947	30 547,613	11,549	11,081
7	3	99 159	63 809,306	1 021 024,301	16,001	15,532	57	53	89 048	2 458,647	27 902,667	11,349	10,880
8	4	99 140	59 903,211	957 214,995	15,979	15,511	58	54	88 066	2 283,130	25 444,020	11,144	10,676
9	5	99 119	56 235,759	897 311,784	15,956	15,488	59	55	87 013	2 118,150	23 160,890	10,934	10,466
10	6	99 102	52 794,046	841 076,025	15,931	15,463	60	56	85 877	1 962,914	21 042,739	10,720	10,251
11	7	99 084	49 563,127	788 281,980	15,905	15,436	61	57	84 664	1 817,078	19 079,825	10,500	10,032
12	8	99 067	46 530,160	738 718,853	15,876	15,407	62	58	83 384	1 680,384	17 262,747	10,273	9,804
13	9	99 049	43 682,211	692 188,693	15,846	15,377	63	59	82 021	1 552,031	15 582,363	10,040	9,571
14	10	99 031	41 008,783	648 506,482	15,814	15,345	64	60	80 602	1 432,087	14 030,332	9,797	9,328
15	11	99 009	38 497,388	607 497,699	15,780	15,311	65	61	79 037	1 318,583	12 598,245	9,554	9,086
16	12	98 984	36 138,457	569 000,311	15,745	15,276	66	62	77 400	1 212,454	11 279,662	9,303	8,834
17	13	98 950	33 921,280	532 861,854	15,709	15,240	67	63	75 639	1 112,561	10 067,209	9,049	8,580
18	14	98 908	31 837,325	498 940,574	15,672	15,203	68	64	73 786	1 019,066	8 954,648	8,787	8,318
19	15	98 849	29 876,570	467 103,249	15,634	15,166	69	65	71 842	931,649	7 935,582	8,518	8,049
20	16	98 788	28 035,881	437 226,680	15,595	15,127	70	66	69 788	849,779	7 003,933	8,242	7,773
21	17	98 720	26 306,563	409 190,799	15,555	15,086	71	67	67 615	773,077	6 154,154	7,961	7,492
22	18	98 651	24 683,687	382 884,236	15,512	15,043	72	68	65 328	701,335	5 381,076	7,673	7,204
23	19	98 576	23 159,564	358 200,549	15,467	14,998	73	69	62 940	634,457	4 679,741	7,376	6,907
24	20	98 504	21 730,212	335 040,985	15,418	14,949	74	70	60 412	571,813	4 045,284	7,074	6,606
25	21	98 427	20 388,011	313 310,773	15,367	14,899	75	71	57 689	512,710	3 473,470	6,775	6,306
26	22	98 353	19 129,150	292 922,762	15,313	14,844	76	72	54 814	457,428	2 960,760	6,473	6,004
27	23	98 273	17 947,180	273 793,611	15,256	14,787	77	73	51 772	405,675	2 503,332	6,171	5,702
28	24	98 189	16 837,296	255 846,431	15,195	14,726	78	74	48 550	357,205	2 097,657	5,872	5,404
29	25	98 110	15 796,974	239 009,135	15,130	14,661	79	75	45 130	311,776	1 740,452	5,582	5,114
30	26	98 024	14 819,825	223 212,161	15,062	14,593	80	76	41 562	269,606	1 428,676	5,299	4,830
31	27	97 938	13 903,133	208 392,336	14,989	14,520	81	77	37 907	230,886	1 159,070	5,020	4,551
32	28	97 842	13 041,762	194 489,203	14,913	14,444	82	78	34 171	195,428	928,184	4,750	4,281
33	29	97 745	12 233,690	181 447,441	14,832	14,363	83	79	30 418	163,348	732,757	4,486	4,017
34	30	97 642	11 474,971	169 213,751	14,746	14,278	84	80	26 737	134,817	569,408	4,224	3,755
35	31	97 537	10 763,028	157 738,780	14,656	14,187	85	81	23 105	109,391	434,592	3,973	3,504
36	32	97 426	10 094,590	146 975,752	14,560	14,091	86	82	19 614	87,199	325,201	3,729	3,261
37	33	97 306	9 466,783	136 881,162	14,459	13,990	87	83	16 292	68,008	238,002	3,500	3,031
38	34	97 178	8 877,316	127 414,379	14,353	13,884	88	84	13 205	51,758	169,994	3,284	2,816
39	35	97 030	8 322,809	118 537,063	14,242	13,774	89	85	10 433	38,398	118,236	3,079	2,611
40	36	96 880	7 802,768	110 214,254	14,125	13,656	90	86	7 969	27,539	79,839	2,899	2,430
41	37	96 709	7 313,667	102 411,486	14,003	13,534	91	87	5 948	19,300	52,300	2,710	2,241
42	38	96 525	6 854,228	95 097,820	13,874	13,406	92	88	4 244	12,930	33,000	2,552	2,083
43	39	96 324	6 422,474	88 243,592	13,740	13,271	93	89	2 919	8,351	20,070	2,403	1,935
44	40	96 089	6 015,756	81 821,118	13,601	13,132	94	90	1 918	5,152	11,719	2,275	1,806
45	41	95 830	5 633,378	75 805,362	13,456	12,988	95	91	1 210	3,052	6,567	2,152	1,683
46	42	95 541	5 273,611	70 171,983	13,306	12,838	96	92	723	1,713	3,515	2,051	1,583
47	43	95 220	4 935,102	64 898,373	13,150	12,682	97	93	415	0,922	1,801	1,953	1,484
48	44	94 848	4 615,791	59 963,270	12,991	12,522	98	94	226	0,472	0,879	1,863	1,394
49	45	94 437	4 315,324	55 347,479	12,826	12,357	99	95	117	0,229	0,407	1,782	1,313
							100	96	57	0,105	0,179	1,707	1,239

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß   6,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	45	94 099	4 037,425	51 281,689	12,702	12,233
1							51	46	93 604	3 771,050	47 244,264	12,528	12,059
2							52	47	93 029	3 519,174	43 473,213	12,353	11,885
3							53	48	92 412	3 282,471	39 954,039	12,172	11,703
4							54	49	91 740	3 059,700	36 671,567	11,985	11,517
5	0	99 535	72 648,517	1 162 085,150	15,996	15,527	55	50	90 984	2 849,291	33 611,868	11,797	11,328
6	1	99 210	67 992,164	1 089 436,633	16,023	15,554	56	51	90 169	2 651,434	30 762,577	11,602	11,133
7	2	99 174	63 818,812	1 021 444,469	16,005	15,537	57	52	89 293	2 465,415	28 111,143	11,402	10,933
8	3	99 151	59 909,905	957 625,658	15,984	15,516	58	53	88 332	2 290,015	25 645,728	11,199	10,730
9	4	99 131	56 242,461	897 715,753	15,962	15,493	59	54	87 291	2 124,931	23 355,712	10,991	10,523
10	5	99 112	52 799,382	841 473,291	15,937	15,468	60	55	86 183	1 969,894	21 230,781	10,778	10,309
11	6	99 093	49 567,444	788 673,909	15,911	15,442	61	56	84 985	1 823,958	19 260,887	10,560	10,091
12	7	99 076	46 534,153	739 106,465	15,883	15,414	62	57	83 719	1 687,127	17 436,929	10,335	9,867
13	8	99 056	43 685,429	692 572,312	15,854	15,385	63	58	82 385	1 558,910	15 749,802	10,103	9,634
14	9	99 038	41 011,612	648 886,883	15,822	15,353	64	59	80 984	1 438,881	14 190,892	9,862	9,394
15	10	99 016	38 500,120	607 875,271	15,789	15,320	65	60	79 466	1 325,728	12 752,011	9,619	9,150
16	11	98 992	36 141,347	569 375,150	15,754	15,285	66	61	77 847	1 219,461	11 426,284	9,370	8,901
17	12	98 958	33 924,011	533 233,804	15,718	15,250	67	62	76 119	1 119,623	10 206,822	9,116	8,648
18	13	98 916	31 840,177	499 309,792	15,682	15,213	68	63	74 287	1 025,979	9 087,199	8,857	8,388
19	14	98 860	29 879,808	467 469,616	15,645	15,176	69	64	72 373	938,547	8 061,220	8,589	8,120
20	15	98 801	28 039,408	437 589,808	15,606	15,138	70	65	70 337	856,468	7 122,673	8,316	7,848
21	16	98 735	26 310,611	409 550,400	15,566	15,097	71	66	68 199	779,747	6 266,205	8,036	7,567
22	17	98 667	24 687,649	383 239,789	15,524	15,055	72	67	65 930	707,799	5 486,458	7,751	7,283
23	18	98 599	23 164,855	358 552,140	15,478	15,010	73	68	63 557	640,679	4 778,659	7,459	6,990
24	19	98 525	21 734,701	335 387,284	15,431	14,962	74	69	61 061	577,952	4 137,980	7,160	6,691
25	20	98 449	20 392,538	313 652,583	15,381	14,912	75	70	58 366	518,730	3 560,028	6,863	6,394
26	21	98 373	19 133,155	293 260,045	15,327	14,859	76	71	55 529	463,395	3 041,298	6,563	6,094
27	22	98 295	17 951,207	274 126,891	15,271	14,802	77	72	52 533	411,635	2 577,903	6,263	5,794
28	23	98 211	16 841,146	256 175,683	15,211	14,743	78	73	49 352	363,109	2 166,268	5,966	5,497
29	24	98 130	15 800,168	239 334,537	15,148	14,679	79	74	45 985	317,687	1 803,159	5,676	5,207
30	25	98 045	14 823,085	223 534,370	15,080	14,611	80	75	42 474	275,518	1 485,471	5,392	4,923
31	26	97 961	13 906,424	208 711,284	15,008	14,540	81	76	38 858	236,683	1 209,953	5,112	4,643
32	27	97 868	13 045,267	194 804,860	14,933	14,464	82	77	35 145	201,000	973,270	4,842	4,373
33	28	97 770	12 236,784	181 759,593	14,854	14,385	83	78	31 426	168,760	772,270	4,576	4,107
34	29	97 670	11 478,265	169 522,809	14,769	14,300	84	79	27 744	139,896	603,510	4,314	3,845
35	30	97 565	10 766,075	158 044,544	14,680	14,211	85	80	24 112	114,159	463,614	4,061	3,592
36	31	97 455	10 097,640	147 278,470	14,585	14,117	86	81	20 595	91,556	349,455	3,817	3,348
37	32	97 340	9 470,139	137 180,830	14,486	14,017	87	82	17 243	71,977	257,899	3,583	3,114
38	33	97 213	8 880,563	127 710,690	14,381	13,912	88	83	14 089	55,221	185,922	3,367	2,898
39	34	97 071	8 326,346	118 830,127	14,272	13,803	89	84	11 247	41,391	130,702	3,158	2,689
40	35	96 918	7 805,873	110 503,781	14,156	13,688	90	85	8 688	30,024	89,311	2,975	2,506
41	36	96 755	7 317,144	102 697,908	14,035	13,567	91	86	6 567	21,307	59,287	2,782	2,314
42	37	96 577	6 857,888	95 380,765	13,908	13,439	92	87	4 759	14,501	37,980	2,619	2,150
43	38	96 378	6 426,051	88 522,877	13,776	13,307	93	88	3 326	9,514	23,479	2,468	1,999
44	39	96 152	6 019,738	82 096,826	13,638	13,169	94	89	2 234	6,001	13,965	2,327	1,858
45	40	95 898	5 637,360	76 077,087	13,495	13,026	95	90	1 432	3,611	7,964	2,205	1,737
46	41	95 618	5 277,841	70 439,727	13,346	12,878	96	91	880	2,084	4,353	2,089	1,620
47	42	95 305	4 939,499	65 161,886	13,192	12,723	97	92	512	1,138	2,269	1,994	1,526
48	43	94 945	4 620,522	60 222,387	13,034	12,565	98	93	285	0,595	1,131	1,901	1,432
49	44	94 544	4 320,176	55 601,865	12,870	12,402	99	94	151	0,295	0,536	1,816	1,348
							100	95	75	0,139	0,241	1,739	1,270

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß   6,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	44	94 205	4 041,965	51 510,521	12,744	12,275
1							51	45	93 723	3 775,843	47 468,556	12,572	12,103
2							52	46	93 161	3 524,140	43 692,713	12,398	11,929
3							53	47	92 564	3 287,847	40 168,572	12,217	11,749
4							54	48	91 902	3 065,120	36 880,725	12,032	11,564
5							55	49	91 172	2 855,166	33 815,605	11,844	11,375
6	0	99 524	68 207,200	1 090 052,887	15,981	15,513	56	50	90 368	2 657,288	30 960,439	11,651	11,182
7	1	99 200	63 835,662	1 021 845,687	16,007	15,539	57	51	89 512	2 471,462	28 303,151	11,452	10,983
8	2	99 165	59 918,830	958 010,025	15,988	15,520	58	52	88 575	2 296,320	25 831,689	11,249	10,780
9	3	99 142	56 248,746	898 091,196	15,966	15,498	59	53	87 555	2 131,339	23 535,369	11,043	10,574
10	4	99 124	52 805,676	841 842,450	15,942	15,474	60	54	86 458	1 976,200	21 404,030	10,831	10,362
11	5	99 103	49 572,454	789 036,774	15,917	15,448	61	55	85 287	1 830,444	19 427,830	10,614	10,145
12	6	99 084	46 538,206	739 464,320	15,889	15,421	62	56	84 036	1 693,515	17 597,386	10,391	9,922
13	7	99 065	43 689,178	692 926,113	15,860	15,392	63	57	82 715	1 565,165	15 903,870	10,161	9,692
14	8	99 045	41 014,633	649 236,935	15,829	15,361	64	58	81 343	1 445,258	14 338,705	9,921	9,452
15	9	99 023	38 502,776	608 222,302	15,797	15,328	65	59	79 843	1 332,017	12 893,448	9,680	9,211
16	10	98 999	36 143,912	569 719,526	15,763	15,294	66	60	78 269	1 226,069	11 561,430	9,430	8,961
17	11	98 966	33 926,724	533 575,614	15,727	15,259	67	61	76 559	1 126,094	10 335,361	9,178	8,709
18	12	98 924	31 842,740	499 648,890	15,691	15,222	68	62	74 758	1 032,492	9 209,267	8,919	8,451
19	13	98 869	29 882,485	467 806,150	15,655	15,186	69	63	72 864	944,914	8 176,775	8,653	8,185
20	14	98 812	28 042,447	437 923,665	15,616	15,148	70	64	70 858	862,809	7 231,861	8,382	7,913
21	15	98 748	26 313,921	409 881,217	15,577	15,108	71	65	68 736	785,885	6 369,052	8,104	7,636
22	16	98 682	24 691,448	383 567,296	15,534	15,066	72	66	66 499	713,906	5 583,167	7,821	7,352
23	17	98 614	23 168,573	358 875,848	15,490	15,021	73	67	64 143	646,584	4 869,261	7,531	7,062
24	18	98 547	21 739,667	335 707,275	15,442	14,973	74	68	61 660	583,620	4 222,678	7,235	6,767
25	19	98 469	20 396,750	313 967,608	15,393	14,924	75	69	58 993	524,299	3 639,058	6,941	6,472
26	20	98 395	19 137,403	293 570,857	15,340	14,871	76	70	56 181	468,836	3 114,759	6,644	6,175
27	21	98 316	17 954,965	274 433,454	15,285	14,816	77	71	53 218	417,004	2 645,923	6,345	5,876
28	22	98 233	16 844,925	256 478,489	15,226	14,757	78	72	50 077	368,444	2 228,919	6,050	5,581
29	23	98 152	15 803,780	239 633,564	15,163	14,694	79	73	46 745	322,939	1 860,475	5,761	5,292
30	24	98 065	14 826,082	223 829,784	15,097	14,628	80	74	43 279	280,742	1 537,537	5,477	5,008
31	25	97 983	13 909,484	209 003,702	15,026	14,557	81	75	39 711	241,873	1 256,795	5,196	4,727
32	26	97 891	13 048,355	195 094,218	14,952	14,483	82	76	36 027	206,047	1 014,922	4,926	4,457
33	27	97 796	12 240,073	182 045,863	14,873	14,404	83	77	32 322	173,572	808,875	4,660	4,191
34	28	97 695	11 481,168	169 805,790	14,790	14,321	84	78	28 663	144,531	635,303	4,396	3,927
35	29	97 593	10 769,165	158 324,622	14,702	14,233	85	79	25 020	118,459	490,772	4,143	3,674
36	30	97 483	10 100,499	147 555,458	14,609	14,140	86	80	21 492	95,547	372,312	3,897	3,428
37	31	97 370	9 473,001	137 454,959	14,510	14,041	87	81	18 104	75,573	276,766	3,662	3,193
38	32	97 248	8 883,712	127 981,959	14,406	13,938	88	82	14 911	58,443	201,192	3,443	2,974
39	33	97 106	8 329,391	119 098,246	14,299	13,830	89	83	11 999	44,160	142,749	3,233	2,764
40	34	96 959	7 809,190	110 768,855	14,184	13,716	90	84	9 365	32,364	98,588	3,046	2,577
41	35	96 794	7 320,055	102 959,665	14,065	13,597	91	85	7 159	23,230	66,224	2,851	2,382
42	36	96 623	6 861,148	95 639,610	13,939	13,471	92	86	5 254	16,009	42,995	2,686	2,217
43	37	96 429	6 429,483	88 778,462	13,808	13,339	93	87	3 730	10,670	26,986	2,529	2,060
44	38	96 206	6 023,092	82 348,979	13,672	13,203	94	88	2 545	6,837	16,316	2,386	1,918
45	39	95 961	5 641,092	76 325,887	13,530	13,062	95	89	1 668	4,206	9,478	2,253	1,785
46	40	95 685	5 281,571	70 684,796	13,383	12,915	96	90	1 041	2,465	5,272	2,139	1,670
47	41	95 381	4 943,461	65 403,225	13,230	12,762	97	91	622	1,384	2,807	2,029	1,560
48	42	95 030	4 624,639	60 459,763	13,073	12,605	98	92	352	0,734	1,423	1,939	1,471
49	43	94 641	4 324,604	55 835,125	12,911	12,442	99	93	190	0,372	0,689	1,851	1,383
							100	94	97	0,179	0,317	1,771	1,302

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß   6,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	43	94 301	4 046,108	51 720,248	12,783	12,314
1							51	44	93 828	3 780,088	47 674,140	12,612	12,143
2							52	45	93 279	3 528,619	43 894,051	12,439	11,971
3							53	46	92 694	3 292,487	40 365,432	12,260	11,791
4							54	47	92 053	3 070,140	37 072,945	12,075	11,607
5							55	48	91 333	2 860,224	34 002,805	11,888	11,419
6							56	49	90 555	2 662,767	31 142,582	11,696	11,227
7	0	99 513	64 037,552	1 022 414,894	15,966	15,497	57	50	89 710	2 476,919	28 479,814	11,498	11,029
8	1	99 192	59 934,650	958 377,342	15,990	15,522	58	51	88 792	2 301,952	26 002,895	11,296	10,827
9	2	99 157	56 257,125	898 442,692	15,970	15,502	59	52	87 796	2 137,207	23 700,943	11,090	10,621
10	3	99 135	52 811,576	842 185,566	15,947	15,478	60	53	86 719	1 982,160	21 563,736	10,879	10,410
11	4	99 115	49 578,363	789 373,990	15,922	15,453	61	54	85 560	1 836,304	19 581,577	10,664	10,195
12	5	99 094	46 542,911	739 795,627	15,895	15,426	62	55	84 335	1 699,537	17 745,273	10,441	9,972
13	6	99 073	43 692,984	693 252,716	15,866	15,398	63	56	83 028	1 571,091	16 045,736	10,213	9,744
14	7	99 054	41 018,153	649 559,733	15,836	15,367	64	57	81 669	1 451,057	14 474,644	9,975	9,506
15	8	99 030	38 505,612	608 541,579	15,804	15,335	65	58	80 196	1 337,921	13 023,587	9,734	9,265
16	9	99 005	36 146,406	570 035,967	15,770	15,301	66	59	78 640	1 231,886	11 685,666	9,486	9,017
17	10	98 973	33 929,132	533 889,561	15,735	15,267	67	60	76 974	1 132,196	10 453,780	9,233	8,764
18	11	98 932	31 845,287	499 960,429	15,700	15,231	68	61	75 190	1 038,460	9 321,584	8,976	8,508
19	12	98 877	29 884,891	468 115,143	15,664	15,195	69	62	73 327	950,912	8 283,125	8,711	8,242
20	13	98 820	28 044,959	438 230,252	15,626	15,157	70	63	71 338	868,662	7 332,213	8,441	7,972
21	14	98 758	26 316,773	410 185,293	15,586	15,118	71	64	69 244	791,704	6 463,551	8,164	7,695
22	15	98 694	24 694,555	383 868,519	15,545	15,076	72	65	67 022	719,525	5 671,848	7,883	7,414
23	16	98 630	23 172,139	359 173,965	15,500	15,032	73	66	64 696	652,162	4 952,322	7,594	7,125
24	17	98 563	21 743,156	336 001,826	15,453	14,984	74	67	62 228	588,998	4 300,160	7,301	6,832
25	18	98 492	20 401,410	314 258,670	15,404	14,935	75	68	59 571	529,440	3 711,161	7,010	6,541
26	19	98 415	19 141,357	293 857,259	15,352	14,883	76	69	56 784	473,869	3 181,721	6,714	6,246
27	20	98 338	17 958,952	274 715,903	15,297	14,828	77	70	53 843	421,900	2 707,852	6,418	5,949
28	21	98 254	16 848,451	256 756,951	15,239	14,770	78	71	50 730	373,250	2 285,952	6,124	5,656
29	22	98 174	15 807,326	239 908,500	15,177	14,708	79	72	47 432	327,683	1 912,702	5,837	5,368
30	23	98 088	14 829,472	224 101,174	15,112	14,643	80	73	43 994	285,383	1 585,019	5,554	5,085
31	24	98 002	13 912,296	209 271,702	15,042	14,573	81	74	40 463	246,459	1 299,636	5,273	4,804
32	25	97 913	13 051,226	195 359,406	14,969	14,500	82	75	36 818	210,565	1 053,177	5,002	4,533
33	26	97 819	12 242,970	182 308,180	14,891	14,422	83	76	33 133	177,930	842,612	4,736	4,267
34	27	97 721	11 484,253	170 065,209	14,809	14,340	84	77	29 481	148,652	664,682	4,471	4,003
35	28	97 618	10 771,888	158 580,956	14,722	14,253	85	78	25 849	122,384	516,030	4,216	3,748
36	29	97 511	10 103,398	147 809,068	14,630	14,161	86	79	22 302	99,146	393,646	3,970	3,502
37	30	97 397	9 475,682	137 705,670	14,533	14,064	87	80	18 894	78,867	294,500	3,734	3,265
38	31	97 277	8 886,396	128 229,988	14,430	13,961	88	81	15 656	61,364	215,632	3,514	3,045
39	32	97 141	8 332,345	119 343,592	14,323	13,854	89	82	12 699	46,738	154,269	3,301	2,832
40	33	96 995	7 812,046	111 011,247	14,210	13,742	90	83	9 992	34,529	107,531	3,114	2,645
41	34	96 835	7 323,166	103 199,200	14,092	13,623	91	84	7 717	25,040	73,001	2,915	2,447
42	35	96 661	6 863,878	95 876,034	13,968	13,499	92	85	5 729	17,453	47,961	2,748	2,279
43	36	96 475	6 432,540	89 012,156	13,838	13,369	93	86	4 118	11,780	30,507	2,590	2,121
44	37	96 257	6 026,308	82 579,617	13,703	13,234	94	87	2 854	7,668	18,728	2,442	1,974
45	38	96 015	5 644,234	76 553,309	13,563	13,094	95	88	1 900	4,792	11,060	2,308	1,839
46	39	95 749	5 285,067	70 909,075	13,417	12,948	96	89	1 212	2,872	6,268	2,183	1,714
47	40	95 449	4 946,955	65 624,008	13,266	12,797	97	90	736	1,637	3,396	2,075	1,606
48	41	95 106	4 628,348	60 677,053	13,110	12,641	98	91	427	0,893	1,759	1,971	1,502
49	42	94 725	4 328,457	56 048,704	12,949	12,480	99	92	234	0,459	0,867	1,887	1,418
							100	93	123	0,226	0,407	1,804	1,335

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß   6,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	42	94 385	4 049,713	51 912,202	12,819	12,350
1							51	43	93 924	3 783,963	47 862,489	12,649	12,180
2							52	44	93 384	3 532,587	44 078,526	12,478	12,009
3							53	45	92 812	3 296,671	40 545,940	12,299	11,830
4							54	46	92 183	3 074,472	37 249,268	12,116	11,647
5							55	47	91 483	2 864,908	34 174,796	11,929	11,460
6							56	48	90 715	2 667,485	31 309,888	11,738	11,269
7							57	49	89 895	2 482,026	28 642,403	11,540	11,071
8	0	99 505	60 124,203	958 903,094	15,949	15,480	58	50	88 988	2 307,035	26 160,377	11,339	10,871
9	1	99 183	56 271,979	898 778,891	15,972	15,503	59	51	88 011	2 142,449	23 853,343	11,134	10,665
10	2	99 149	52 819,443	842 506,912	15,951	15,482	60	52	86 958	1 987,616	21 710,894	10,923	10,454
11	3	99 126	49 583,903	789 687,468	15,926	15,458	61	53	85 818	1 841,842	19 723,277	10,708	10,240
12	4	99 106	46 548,458	740 103,565	15,900	15,431	62	54	84 605	1 704,978	17 881,436	10,488	10,019
13	5	99 083	43 697,400	693 555,107	15,872	15,403	63	55	83 324	1 576,678	16 176,458	10,260	9,791
14	6	99 062	41 021,726	649 857,707	15,842	15,373	64	56	81 979	1 456,552	14 599,780	10,024	9,555
15	7	99 039	38 508,917	608 835,981	15,810	15,342	65	57	80 518	1 343,289	13 143,229	9,784	9,316
16	8	99 013	36 149,068	570 327,063	15,777	15,308	66	58	78 989	1 237,346	11 799,939	9,536	9,068
17	9	98 980	33 931,473	534 177,996	15,743	15,274	67	59	77 339	1 137,567	10 562,594	9,285	8,817
18	10	98 939	31 847,547	500 246,523	15,708	15,239	68	60	75 598	1 044,086	9 425,026	9,027	8,558
19	11	98 885	29 887,281	468 398,976	15,672	15,203	69	61	73 751	956,408	8 380,940	8,763	8,294
20	12	98 828	28 047,217	438 511,696	15,635	15,166	70	62	71 791	874,176	7 424,532	8,493	8,024
21	13	98 767	26 319,131	410 464,478	15,596	15,127	71	63	69 714	797,074	6 550,356	8,218	7,749
22	14	98 705	24 697,232	384 145,347	15,554	15,085	72	64	67 518	724,853	5 753,281	7,937	7,468
23	15	98 642	23 175,054	359 448,116	15,510	15,041	73	65	65 205	657,296	5 028,429	7,650	7,181
24	16	98 578	21 746,502	336 273,062	15,463	14,995	74	66	62 765	594,080	4 371,133	7,358	6,889
25	17	98 508	20 404,685	314 526,560	15,414	14,946	75	67	60 120	534,320	3 777,053	7,069	6,600
26	18	98 438	19 145,730	294 121,875	15,362	14,894	76	68	57 341	478,516	3 242,733	6,777	6,308
27	19	98 358	17 962,662	274 976,145	15,308	14,839	77	69	54 421	426,430	2 764,217	6,482	6,013
28	20	98 276	16 852,192	257 013,483	15,251	14,782	78	70	51 326	377,632	2 337,788	6,191	5,722
29	21	98 195	15 810,635	240 161,291	15,190	14,721	79	71	48 051	331,958	1 960,155	5,905	5,436
30	22	98 110	14 832,799	224 350,656	15,125	14,657	80	72	44 641	289,575	1 628,198	5,623	5,154
31	23	98 025	13 915,477	209 517,857	15,056	14,588	81	73	41 132	250,533	1 338,623	5,343	4,874
32	24	97 932	13 053,865	195 602,380	14,984	14,516	82	74	37 516	214,558	1 088,090	5,071	4,603
33	25	97 841	12 245,664	182 548,515	14,907	14,438	83	75	33 860	181,832	873,532	4,804	4,335
34	26	97 744	11 486,972	170 302,851	14,826	14,357	84	76	30 221	152,384	691,700	4,539	4,070
35	27	97 644	10 774,783	158 815,879	14,740	14,271	85	77	26 586	125,874	539,316	4,285	3,816
36	28	97 536	10 105,953	148 041,096	14,649	14,180	86	78	23 041	102,431	413,442	4,036	3,568
37	29	97 425	9 478,402	137 935,143	14,553	14,084	87	79	19 605	81,839	311,011	3,800	3,332
38	30	97 305	8 888,912	128 456,741	14,451	13,983	88	80	16 338	64,038	229,173	3,579	3,110
39	31	97 170	8 334,862	119 567,829	14,346	13,877	89	81	13 334	49,073	165,134	3,365	2,896
40	32	97 029	7 814,816	111 232,967	14,234	13,765	90	82	10 575	36,545	116,061	3,176	2,707
41	33	96 871	7 325,845	103 418,150	14,117	13,648	91	83	8 233	26,716	79,516	2,976	2,508
42	34	96 702	6 866,795	96 092,306	13,994	13,525	92	84	6 175	18,814	52,801	2,806	2,338
43	35	96 514	6 435,099	89 225,511	13,865	13,397	93	85	4 489	12,843	33,987	2,646	2,178
44	36	96 303	6 029,173	82 790,411	13,732	13,263	94	86	3 151	8,465	21,144	2,498	2,029
45	37	96 066	5 647,248	76 761,239	13,593	13,124	95	87	2 131	5,374	12,679	2,359	1,890
46	38	95 802	5 288,011	71 113,991	13,448	12,979	96	88	1 381	3,272	7,304	2,233	1,764
47	39	95 512	4 950,230	65 825,980	13,298	12,829	97	89	858	1,907	4,033	2,115	1,646
48	40	95 173	4 631,619	60 875,750	13,144	12,675	98	90	506	1,056	2,126	2,013	1,544
49	41	94 801	4 331,929	56 244,131	12,984	12,515	99	91	285	0,559	1,070	1,915	1,447
							100	92	151	0,278	0,511	1,836	1,367

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß   6,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	41	94 461	4 052,961	52 087,785	12,852	12,383
1							51	42	94 008	3 787,334	48 034,824	12,683	12,214
2							52	43	93 480	3 536,207	44 247,490	12,513	12,044
3							53	44	92 917	3 300,378	40 711,282	12,335	11,867
4							54	45	92 300	3 078,380	37 410,904	12,153	11,684
5							55	46	91 612	2 868,951	34 332,525	11,967	11,498
6							56	47	90 864	2 671,853	31 463,574	11,776	11,307
7							57	48	90 054	2 486,423	28 791,720	11,580	11,111
8							58	49	89 171	2 311,791	26 305,297	11,379	10,910
9	0	99 497	56 449,948	899 264,525	15,930	15,462	59	50	88 205	2 147,179	23 993,506	11,174	10,706
10	1	99 176	52 833,390	842 814,577	15,952	15,484	60	51	87 171	1 992,492	21 846,327	10,964	10,496
11	2	99 140	49 591,289	789 981,187	15,930	15,461	61	52	86 054	1 846,912	19 853,835	10,750	10,281
12	3	99 117	46 553,660	740 389,898	15,904	15,435	62	53	84 860	1 710,119	18 006,923	10,530	10,061
13	4	99 095	43 702,609	693 836,238	15,876	15,408	63	54	83 590	1 581,725	16 296,804	10,303	9,834
14	5	99 072	41 025,873	650 133,629	15,847	15,378	64	55	82 270	1 461,731	14 715,078	10,067	9,598
15	6	99 047	38 512,271	609 107,756	15,816	15,347	65	56	80 823	1 348,376	13 253,347	9,829	9,360
16	7	99 021	36 152,171	570 595,485	15,783	15,314	66	57	79 306	1 242,311	11 904,972	9,583	9,114
17	8	98 987	33 933,972	534 443,315	15,750	15,281	67	58	77 682	1 142,609	10 662,661	9,332	8,863
18	9	98 946	31 849,744	500 509,343	15,715	15,246	68	59	75 957	1 049,040	9 520,052	9,075	8,606
19	10	98 892	29 889,402	468 659,599	15,680	15,211	69	60	74 150	961,590	8 471,012	8,809	8,341
20	11	98 836	28 049,460	438 770,197	15,643	15,174	70	61	72 206	879,229	7 509,422	8,541	8,072
21	12	98 775	26 321,250	410 720,737	15,604	15,135	71	62	70 157	802,134	6 630,193	8,266	7,797
22	13	98 714	24 699,444	384 399,487	15,563	15,094	72	63	67 976	729,770	5 828,059	7,986	7,517
23	14	98 653	23 177,566	359 700,043	15,519	15,051	73	64	65 688	662,162	5 098,290	7,699	7,231
24	15	98 590	21 749,238	336 522,477	15,473	15,004	74	65	63 259	598,757	4 436,127	7,409	6,940
25	16	98 523	20 407,825	314 773,239	15,424	14,955	75	66	60 639	538,930	3 837,371	7,120	6,652
26	17	98 454	19 148,803	294 365,414	15,373	14,904	76	67	57 870	482,926	3 298,441	6,830	6,361
27	18	98 381	17 966,766	275 216,611	15,318	14,849	77	68	54 955	430,611	2 815,515	6,538	6,070
28	19	98 296	16 855,673	257 249,845	15,262	14,793	78	69	51 877	381,686	2 384,904	6,248	5,780
29	20	98 216	15 814,146	240 394,172	15,201	14,732	79	70	48 615	335,855	2 003,217	5,965	5,496
30	21	98 130	14 835,904	224 580,026	15,138	14,669	80	71	45 223	293,353	1 667,362	5,684	5,215
31	22	98 047	13 918,599	209 744,122	15,069	14,601	81	72	41 737	254,214	1 374,010	5,405	4,936
32	23	97 955	13 056,849	195 825,523	14,998	14,529	82	73	38 136	218,104	1 119,796	5,134	4,665
33	24	97 860	12 248,140	182 768,673	14,922	14,453	83	74	34 502	185,279	901,692	4,867	4,398
34	25	97 766	11 489,499	170 520,533	14,841	14,373	84	75	30 884	155,726	716,413	4,600	4,132
35	26	97 667	10 777,334	159 031,034	14,756	14,287	85	76	27 253	129,034	560,687	4,345	3,877
36	27	97 562	10 108,669	148 253,701	14,666	14,197	86	77	23 698	105,352	431,653	4,097	3,629
37	28	97 450	9 480,799	138 145,032	14,571	14,102	87	78	20 255	84,550	326,301	3,859	3,391
38	29	97 333	8 891,463	128 664,232	14,471	14,002	88	79	16 954	66,451	241,751	3,638	3,169
39	30	97 198	8 337,222	119 772,769	14,366	13,897	89	80	13 915	51,212	175,300	3,423	2,954
40	31	97 059	7 817,177	111 435,547	14,255	13,786	90	81	11 104	38,371	124,088	3,234	2,765
41	32	96 905	7 328,442	103 618,370	14,139	13,670	91	82	8 714	28,275	85,717	3,032	2,563
42	33	96 738	6 869,307	96 289,928	14,017	13,549	92	83	6 588	20,073	57,442	2,862	2,393
43	34	96 555	6 437,834	89 420,621	13,890	13,421	93	84	4 839	13,844	37,369	2,699	2,231
44	35	96 341	6 031,572	82 982,787	13,758	13,289	94	85	3 436	9,229	23,526	2,549	2,080
45	36	96 112	5 649,933	76 951,215	13,620	13,151	95	86	2 352	5,933	14,297	2,410	1,941
46	37	95 853	5 290,835	71 301,282	13,476	13,008	96	87	1 549	3,669	8,363	2,279	1,811
47	38	95 565	4 952,987	66 010,447	13,327	12,859	97	88	977	2,173	4,694	2,161	1,692
48	39	95 236	4 634,685	61 057,460	13,174	12,705	98	89	589	1,230	2,522	2,050	1,581
49	40	94 868	4 334,990	56 422,775	13,016	12,547	99	90	337	0,661	1,292	1,954	1,486
							100	91	184	0,339	0,631	1,862	1,394

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß   6,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	40	94 528	4 055,826	52 248,248	12,882	12,414
1							51	41	94 083	3 790,372	48 192,422	12,714	12,246
2							52	42	93 563	3 539,358	44 402,050	12,545	12,076
3							53	43	93 012	3 303,761	40 862,692	12,369	11,900
4							54	44	92 404	3 081,841	37 558,931	12,187	11,718
5							55	45	91 728	2 872,597	34 477,090	12,002	11,533
6							56	46	90 992	2 675,624	31 604,494	11,812	11,343
7							57	47	90 201	2 490,495	28 928,870	11,616	11,147
8							58	48	89 329	2 315,887	26 438,375	11,416	10,947
9							59	49	88 387	2 151,606	24 122,488	11,211	10,743
10	0	99 489	53 000,483	843 263,187	15,910	15,442	60	50	87 364	1 996,891	21 970,881	11,003	10,534
11	1	99 167	49 604,383	790 262,703	15,931	15,463	61	51	86 265	1 851,442	19 973,991	10,788	10,320
12	2	99 132	46 560,595	740 658,320	15,907	15,439	62	52	85 093	1 714,827	18 122,549	10,568	10,099
13	3	99 106	43 707,492	694 097,726	15,881	15,412	63	53	83 842	1 586,495	16 407,721	10,342	9,873
14	4	99 084	41 030,763	650 390,233	15,851	15,383	64	54	82 534	1 466,410	14 821,226	10,107	9,638
15	5	99 057	38 516,164	609 359,471	15,821	15,352	65	55	81 110	1 353,170	13 354,816	9,869	9,401
16	6	99 030	36 155,319	570 843,306	15,789	15,320	66	56	79 606	1 247,015	12 001,645	9,624	9,156
17	7	98 995	33 936,885	534 687,987	15,755	15,287	67	57	77 994	1 147,194	10 754,631	9,375	8,906
18	8	98 953	31 852,090	500 751,103	15,721	15,252	68	58	76 293	1 053,689	9 607,437	9,118	8,649
19	9	98 899	29 891,464	468 899,013	15,687	15,218	69	59	74 502	966,153	8 553,748	8,853	8,385
20	10	98 843	28 051,451	439 007,549	15,650	15,181	70	60	72 597	883,993	7 587,595	8,583	8,115
21	11	98 783	26 323,355	410 956,098	15,612	15,143	71	61	70 562	806,770	6 703,602	8,309	7,840
22	12	98 722	24 701,433	384 632,743	15,571	15,103	72	62	68 408	734,402	5 896,832	8,029	7,561
23	13	98 661	23 179,643	359 931,310	15,528	15,059	73	63	66 134	666,654	5 162,430	7,744	7,275
24	14	98 601	21 751,596	336 751,668	15,482	15,013	74	64	63 727	603,190	4 495,776	7,453	6,985
25	15	98 535	20 410,392	315 000,072	15,433	14,965	75	65	61 116	543,172	3 892,586	7,166	6,698
26	16	98 469	19 151,749	294 589,680	15,382	14,913	76	66	58 369	487,093	3 349,414	6,876	6,408
27	17	98 396	17 969,649	275 437,930	15,328	14,859	77	67	55 461	434,580	2 862,322	6,586	6,118
28	18	98 318	16 859,524	257 468,281	15,271	14,803	78	68	52 386	385,429	2 427,742	6,299	5,830
29	19	98 237	15 817,413	240 608,757	15,212	14,743	79	69	49 137	339,461	2 042,313	6,016	5,548
30	20	98 152	14 839,199	224 791,344	15,148	14,680	80	70	45 754	296,797	1 702,852	5,737	5,269
31	21	98 067	13 921,513	209 952,146	15,081	14,612	81	71	42 281	257,530	1 406,055	5,460	4,991
32	22	97 977	13 059,779	196 030,633	15,010	14,542	82	72	38 696	221,308	1 148,525	5,190	4,721
33	23	97 883	12 250,940	182 970,854	14,935	14,467	83	73	35 072	188,342	927,217	4,923	4,454
34	24	97 786	11 491,822	170 719,914	14,856	14,387	84	74	31 469	158,678	738,875	4,656	4,188
35	25	97 688	10 779,705	159 228,092	14,771	14,302	85	75	27 851	131,864	580,197	4,400	3,931
36	26	97 585	10 111,062	148 448,386	14,682	14,213	86	76	24 293	107,997	448,333	4,151	3,683
37	27	97 476	9 483,347	138 337,325	14,587	14,119	87	77	20 832	86,961	340,336	3,914	3,445
38	28	97 357	8 893,712	128 853,978	14,488	14,019	88	78	17 515	68,652	253,375	3,691	3,222
39	29	97 226	8 339,615	119 960,266	14,384	13,916	89	79	14 439	53,141	184,723	3,476	3,007
40	30	97 086	7 819,391	111 620,651	14,275	13,806	90	80	11 588	40,043	131,581	3,286	2,817
41	31	96 934	7 330,656	103 801,260	14,160	13,691	91	81	9 149	29,688	91,538	3,083	2,615
42	32	96 772	6 871,743	96 470,604	14,039	13,570	92	82	6 973	21,244	61,850	2,911	2,443
43	33	96 590	6 440,189	89 598,861	13,912	13,444	93	83	5 163	14,770	40,606	2,749	2,280
44	34	96 382	6 034,135	83 158,673	13,781	13,313	94	84	3 704	9,948	25,836	2,597	2,128
45	35	96 150	5 652,181	77 124,537	13,645	13,176	95	85	2 565	6,469	15,888	2,456	1,987
46	36	95 899	5 293,350	71 472,357	13,502	13,034	96	86	1 710	4,051	9,419	2,325	1,857
47	37	95 616	4 955,632	66 179,006	13,354	12,886	97	87	1 096	2,436	5,368	2,203	1,735
48	38	95 289	4 637,267	61 223,374	13,202	12,734	98	88	671	1,402	2,932	2,092	1,623
49	39	94 931	4 337,860	56 586,107	13,045	12,576	99	89	393	0,770	1,530	1,988	1,519
							100	90	218	0,401	0,761	1,898	1,430

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß   6,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	39	94 590	4 058,510	52 394,931	12,910	12,441
1							51	40	94 150	3 793,051	48 336,421	12,743	12,275
2							52	41	93 638	3 542,197	44 543,370	12,575	12,106
3							53	42	93 095	3 306,704	41 001,173	12,399	11,931
4							54	43	92 498	3 085,000	37 694,469	12,219	11,750
5							55	44	91 831	2 875,827	34 609,469	12,035	11,566
6							56	45	91 108	2 679,024	31 733,643	11,845	11,376
7							57	46	90 329	2 494,010	29 054,619	11,650	11,181
8							58	47	89 476	2 319,680	26 560,609	11,450	10,981
9							59	48	88 544	2 155,418	24 240,929	11,247	10,778
10							60	49	87 544	2 001,008	22 085,511	11,037	10,568
11	0	99 480	49 761,265	790 677,154	15,889	15,421	61	50	86 456	1 855,530	20 084,503	10,824	10,355
12	1	99 158	46 572,888	740 915,890	15,909	15,440	62	51	85 302	1 719,033	18 228,973	10,604	10,135
13	2	99 121	43 714,003	694 343,001	15,884	15,415	63	52	84 073	1 590,863	16 509,940	10,378	9,909
14	3	99 095	41 035,348	650 628,998	15,855	15,387	64	53	82 782	1 470,833	14 919,077	10,143	9,675
15	4	99 069	38 520,755	609 593,650	15,825	15,356	65	54	81 370	1 357,502	13 448,244	9,907	9,438
16	5	99 040	36 158,974	571 072,895	15,793	15,325	66	55	79 889	1 251,449	12 090,742	9,661	9,193
17	6	99 004	33 939,840	534 913,921	15,761	15,292	67	56	78 289	1 151,538	10 839,293	9,413	8,944
18	7	98 962	31 854,824	500 974,081	15,727	15,258	68	57	76 599	1 057,917	9 687,756	9,157	8,689
19	8	98 906	29 893,665	469 119,257	15,693	15,224	69	58	74 832	970,435	8 629,838	8,893	8,424
20	9	98 850	28 053,386	439 225,592	15,657	15,188	70	59	72 942	888,187	7 659,404	8,624	8,155
21	10	98 790	26 325,223	411 172,205	15,619	15,150	71	60	70 945	811,142	6 771,217	8,348	7,879
22	11	98 730	24 703,408	384 846,982	15,579	15,110	72	61	68 803	738,647	5 960,075	8,069	7,600
23	12	98 669	23 181,509	360 143,574	15,536	15,067	73	62	66 553	670,886	5 221,429	7,783	7,314
24	13	98 610	21 753,544	336 962,065	15,490	15,021	74	63	64 160	607,281	4 550,543	7,493	7,025
25	14	98 546	20 412,605	315 208,521	15,442	14,973	75	64	61 569	547,194	3 943,261	7,206	6,738
26	15	98 481	19 154,159	294 795,916	15,391	14,922	76	65	58 828	490,927	3 396,068	6,918	6,449
27	16	98 411	17 972,415	275 641,757	15,337	14,868	77	66	55 940	438,330	2 905,141	6,628	6,159
28	17	98 334	16 862,230	257 669,343	15,281	14,812	78	67	52 869	388,981	2 466,812	6,342	5,873
29	18	98 259	15 821,026	240 807,113	15,221	14,752	79	68	49 619	342,789	2 077,830	6,062	5,593
30	19	98 172	14 842,264	224 986,086	15,158	14,690	80	69	46 245	299,983	1 735,041	5,784	5,315
31	20	98 089	13 924,604	210 143,822	15,092	14,623	81	70	42 777	260,553	1 435,058	5,508	5,039
32	21	97 997	13 062,513	196 219,218	15,022	14,553	82	71	39 201	224,195	1 174,504	5,239	4,770
33	22	97 905	12 253,689	183 156,705	14,947	14,478	83	72	35 588	191,109	950,309	4,973	4,504
34	23	97 808	11 494,449	170 903,016	14,868	14,400	84	73	31 989	161,301	759,200	4,707	4,238
35	24	97 708	10 781,884	159 408,567	14,785	14,316	85	74	28 379	134,364	597,899	4,450	3,981
36	25	97 606	10 113,287	148 626,682	14,696	14,227	86	75	24 825	110,365	463,535	4,200	3,731
37	26	97 499	9 485,592	138 513,396	14,603	14,134	87	76	21 355	89,144	353,170	3,962	3,493
38	27	97 383	8 896,102	129 027,804	14,504	14,035	88	77	18 015	70,610	264,025	3,739	3,270
39	28	97 250	8 341,724	120 131,702	14,401	13,933	89	78	14 918	54,902	193,415	3,523	3,054
40	29	97 114	7 821,635	111 789,978	14,292	13,824	90	79	12 024	41,552	138,513	3,334	2,865
41	30	96 962	7 332,732	103 968,343	14,179	13,710	91	80	9 548	30,982	96,962	3,130	2,661
42	31	96 801	6 873,819	96 635,611	14,059	13,590	92	81	7 321	22,306	65,980	2,958	2,489
43	32	96 624	6 442,472	89 761,792	13,933	13,464	93	82	5 464	15,632	43,674	2,794	2,325
44	33	96 418	6 036,342	83 319,320	13,803	13,334	94	83	3 951	10,614	28,042	2,642	2,173
45	34	96 191	5 654,583	77 282,978	13,667	13,199	95	84	2 765	6,973	17,428	2,499	2,031
46	35	95 937	5 295,457	71 628,395	13,526	13,058	96	85	1 865	4,416	10,455	2,368	1,899
47	36	95 661	4 957,988	66 332,939	13,379	12,910	97	86	1 210	2,690	6,039	2,245	1,776
48	37	95 340	4 639,743	61 374,951	13,228	12,759	98	87	753	1,572	3,349	2,131	1,662
49	38	94 983	4 340,276	56 735,207	13,072	12,603	99	88	447	0,877	1,777	2,027	1,558
							100	89	254	0,467	0,900	1,929	1,460

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß   6,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	38	94 643	4 060,771	52 528,809	12,936	12,467
1							51	39	94 212	3 795,562	48 468,037	12,770	12,301
2							52	40	93 704	3 544,700	44 672,476	12,603	12,134
3							53	41	93 169	3 309,356	41 127,775	12,428	11,959
4							54	42	92 581	3 087,748	37 818,419	12,248	11,779
5							55	43	91 926	2 878,774	34 730,671	12,064	11,596
6							56	44	91 210	2 682,036	31 851,896	11,876	11,407
7							57	45	90 443	2 497,179	29 169,860	11,681	11,212
8							58	46	89 602	2 322,953	26 672,681	11,482	11,013
9							59	47	88 689	2 158,948	24 349,728	11,279	10,810
10							60	48	87 699	2 004,553	22 190,780	11,070	10,601
11							61	49	86 634	1 859,356	20 186,227	10,857	10,388
12	0	99 472	46 720,182	741 298,830	15,867	15,398	62	50	85 490	1 722,829	18 326,871	10,638	10,169
13	1	99 147	43 725,545	694 578,647	15,885	15,416	63	51	84 280	1 594,765	16 604,042	10,412	9,943
14	2	99 110	41 041,461	650 853,102	15,858	15,390	64	52	83 010	1 474,882	15 009,277	10,177	9,708
15	3	99 080	38 525,060	609 811,642	15,829	15,360	65	53	81 616	1 361,596	13 534,395	9,940	9,471
16	4	99 052	36 163,284	571 286,582	15,797	15,329	66	54	80 145	1 255,455	12 172,799	9,696	9,227
17	5	99 014	33 943,271	535 123,298	15,765	15,296	67	55	78 568	1 155,632	10 917,344	9,447	8,978
18	6	98 971	31 857,598	501 180,027	15,732	15,263	68	56	76 889	1 061,923	9 761,712	9,192	8,724
19	7	98 914	29 896,231	469 322,429	15,698	15,230	69	57	75 133	974,328	8 699,789	8,929	8,460
20	8	98 857	28 055,452	439 426,197	15,663	15,194	70	58	73 265	892,123	7 725,460	8,660	8,191
21	9	98 797	26 327,039	411 370,745	15,625	15,157	71	59	71 281	814,990	6 833,337	8,385	7,916
22	10	98 737	24 705,161	385 043,705	15,586	15,117	72	60	69 176	742,649	6 018,347	8,104	7,635
23	11	98 677	23 183,363	360 338,544	15,543	15,074	73	61	66 938	674,764	5 275,698	7,819	7,350
24	12	98 618	21 755,295	337 155,182	15,498	15,029	74	62	64 567	611,136	4 600,935	7,528	7,060
25	13	98 555	20 414,434	315 399,886	15,450	14,981	75	63	61 987	550,905	3 989,798	7,242	6,774
26	14	98 492	19 156,235	294 985,453	15,399	14,930	76	64	59 264	494,561	3 438,893	6,953	6,485
27	15	98 424	17 974,676	275 829,217	15,345	14,877	77	65	56 380	441,780	2 944,332	6,665	6,196
28	16	98 349	16 864,825	257 854,542	15,289	14,821	78	66	53 325	392,338	2 502,552	6,379	5,910
29	17	98 275	15 823,566	240 989,716	15,230	14,761	79	67	50 076	345,949	2 110,214	6,100	5,631
30	18	98 195	14 845,655	225 166,151	15,167	14,698	80	68	46 699	302,925	1 764,266	5,824	5,355
31	19	98 109	13 927,480	210 320,496	15,101	14,632	81	69	43 237	263,351	1 461,341	5,549	5,080
32	20	98 019	13 065,413	196 393,015	15,032	14,563	82	70	39 661	226,828	1 197,990	5,282	4,813
33	21	97 925	12 256,254	183 327,602	14,958	14,489	83	71	36 052	193,602	971,163	5,016	4,548
34	22	97 830	11 497,029	171 071,348	14,880	14,411	84	72	32 459	163,671	777,561	4,751	4,282
35	23	97 731	10 784,350	159 574,319	14,797	14,328	85	73	28 848	136,585	613,890	4,495	4,026
36	24	97 626	10 115,331	148 789,970	14,709	14,241	86	74	25 296	112,458	477,305	4,244	3,776
37	25	97 520	9 487,679	138 674,638	14,616	14,148	87	75	21 824	91,099	364,847	4,005	3,536
38	26	97 406	8 898,208	129 186,959	14,518	14,050	88	76	18 467	72,383	273,748	3,782	3,313
39	27	97 276	8 343,966	120 288,751	14,416	13,948	89	77	15 343	56,468	201,365	3,566	3,097
40	28	97 139	7 823,613	111 944,786	14,309	13,840	90	78	12 423	42,928	144,898	3,375	2,907
41	29	96 989	7 334,836	104 121,173	14,195	13,727	91	79	9 908	32,149	101,969	3,172	2,703
42	30	96 829	6 875,765	96 786,336	14,076	13,608	92	80	7 640	23,278	69,820	2,999	2,531
43	31	96 653	6 444,419	89 910,572	13,952	13,483	93	81	5 737	16,413	46,542	2,836	2,367
44	32	96 452	6 038,483	83 466,153	13,822	13,354	94	82	4 182	11,234	30,129	2,682	2,213
45	33	96 226	5 656,651	77 427,670	13,688	13,219	95	83	2 950	7,439	18,896	2,540	2,071
46	34	95 978	5 297,707	71 771,019	13,548	13,079	96	84	2 010	4,760	11,456	2,407	1,938
47	35	95 700	4 959,961	66 473,312	13,402	12,933	97	85	1 319	2,933	6,696	2,283	1,815
48	36	95 385	4 641,949	61 513,351	13,252	12,783	98	86	831	1,735	3,763	2,169	1,700
49	37	95 034	4 342,594	56 871,402	13,096	12,627	99	87	502	0,984	2,028	2,062	1,593
							100	88	289	0,532	1,045	1,964	1,496

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß   6,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	37	94 694	4 062,939	52 651,085	12,959	12,490
1							51	38	94 264	3 797,676	48 588,145	12,794	12,325
2							52	39	93 766	3 547,047	44 790,469	12,628	12,159
3							53	40	93 235	3 311,695	41 243,422	12,454	11,985
4							54	41	92 655	3 090,225	37 931,727	12,275	11,806
5							55	42	92 007	2 881,339	34 841,502	12,092	11,623
6							56	43	91 304	2 684,785	31 960,163	11,904	11,435
7							57	44	90 545	2 499,987	29 275,378	11,710	11,241
8							58	45	89 716	2 325,905	26 775,391	11,512	11,043
9							59	46	88 814	2 161,995	24 449,485	11,309	10,840
10							60	47	87 843	2 007,836	22 287,491	11,100	10,632
11							61	48	86 788	1 862,650	20 279,655	10,888	10,419
12							62	49	85 667	1 726,381	18 417,005	10,668	10,199
13	0	99 461	43 863,834	694 932,519	15,843	15,374	63	50	84 466	1 598,286	16 690,624	10,443	9,974
14	1	99 136	41 052,297	651 068,684	15,859	15,391	64	51	83 214	1 478,499	15 092,338	10,208	9,739
15	2	99 095	38 530,799	610 016,388	15,832	15,363	65	52	81 840	1 365,344	13 613,839	9,971	9,502
16	3	99 063	36 167,325	571 485,589	15,801	15,332	66	53	80 386	1 259,241	12 248,494	9,727	9,258
17	4	99 026	33 947,317	535 318,264	15,769	15,300	67	54	78 819	1 159,332	10 989,253	9,479	9,010
18	5	98 981	31 860,818	501 370,947	15,736	15,268	68	55	77 163	1 065,699	9 829,921	9,224	8,755
19	6	98 923	29 898,835	469 510,129	15,703	15,235	69	56	75 417	978,018	8 764,222	8,961	8,492
20	7	98 866	28 057,861	439 611,293	15,668	15,199	70	57	73 559	895,703	7 786,204	8,693	8,224
21	8	98 804	26 328,978	411 553,433	15,631	15,162	71	58	71 597	818,602	6 890,502	8,417	7,949
22	9	98 744	24 706,866	385 224,454	15,592	15,123	72	59	69 504	746,173	6 071,900	8,137	7,669
23	10	98 684	23 185,008	360 517,589	15,550	15,081	73	60	67 301	678,420	5 325,727	7,850	7,381
24	11	98 626	21 757,035	337 332,581	15,505	15,036	74	61	64 940	614,669	4 647,307	7,561	7,092
25	12	98 563	20 416,077	315 575,545	15,457	14,988	75	62	62 380	554,402	4 032,639	7,274	6,805
26	13	98 501	19 157,951	295 159,468	15,407	14,938	76	63	59 666	497,916	3 478,236	6,986	6,517
27	14	98 435	17 976,624	276 001,517	15,353	14,885	77	64	56 798	445,051	2 980,320	6,697	6,228
28	15	98 362	16 866,947	258 024,893	15,298	14,829	78	65	53 745	395,426	2 535,269	6,411	5,943
29	16	98 290	15 826,001	241 157,946	15,238	14,769	79	66	50 508	348,934	2 139,844	6,133	5,664
30	17	98 210	14 848,038	225 331,945	15,176	14,707	80	67	47 129	305,717	1 790,910	5,858	5,389
31	18	98 132	13 930,662	210 483,907	15,109	14,641	81	68	43 661	265,933	1 485,193	5,585	5,116
32	19	98 039	13 068,112	196 553,245	15,041	14,572	82	69	40 087	229,263	1 219,260	5,318	4,849
33	20	97 947	12 258,976	183 485,133	14,967	14,499	83	70	36 475	195,875	989,998	5,054	4,585
34	21	97 851	11 499,435	171 226,157	14,890	14,421	84	71	32 883	165,806	794,123	4,789	4,321
35	22	97 752	10 786,769	159 726,722	14,808	14,339	85	72	29 272	138,591	628,317	4,534	4,065
36	23	97 648	10 117,644	148 939,952	14,721	14,252	86	73	25 714	114,317	489,725	4,284	3,815
37	24	97 540	9 489,597	138 822,308	14,629	14,160	87	74	22 238	92,826	375,409	4,044	3,575
38	25	97 428	8 900,166	129 332,711	14,531	14,063	88	75	18 872	73,970	282,582	3,820	3,351
39	26	97 299	8 345,941	120 432,545	14,430	13,961	89	76	15 728	57,885	208,612	3,604	3,135
40	27	97 165	7 825,715	112 086,604	14,323	13,854	90	77	12 777	44,152	150,727	3,414	2,945
41	28	97 014	7 336,692	104 260,889	14,211	13,742	91	78	10 236	33,214	106,574	3,209	2,740
42	29	96 857	6 877,738	96 924,197	14,092	13,624	92	79	7 928	24,155	73,360	3,037	2,568
43	30	96 681	6 446,243	90 046,459	13,969	13,500	93	80	5 987	17,128	49,205	2,873	2,404
44	31	96 481	6 040,307	83 600,216	13,840	13,372	94	81	4 391	11,795	32,077	2,720	2,251
45	32	96 260	5 658,657	77 559,909	13,706	13,238	95	82	3 122	7,874	20,282	2,576	2,107
46	33	96 013	5 299,645	71 901,252	13,567	13,098	96	83	2 144	5,079	12,408	2,443	1,974
47	34	95 740	4 962,069	66 601,608	13,422	12,953	97	84	1 422	3,161	7,329	2,319	1,850
48	35	95 423	4 643,796	61 639,539	13,274	12,805	98	85	906	1,892	4,168	2,203	1,735
49	36	95 079	4 344,658	56 995,743	13,119	12,650	99	86	554	1,086	2,277	2,096	1,628
							100	87	324	0,596	1,191	1,997	1,528

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß   6,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	36	94 739	4 064,871	52 762,705	12,980	12,511
1							51	37	94 315	3 799,704	48 697,834	12,816	12,347
2							52	38	93 818	3 549,023	44 898,130	12,651	12,182
3							53	39	93 297	3 313,888	41 349,107	12,478	12,009
4							54	40	92 720	3 092,409	38 035,220	12,300	11,831
5							55	41	92 081	2 883,650	34 942,811	12,118	11,649
6							56	42	91 385	2 687,177	32 059,161	11,930	11,462
7							57	43	90 638	2 502,550	29 371,983	11,737	11,268
8							58	44	89 817	2 328,521	26 869,434	11,539	11,071
9							59	45	88 927	2 164,742	24 540,913	11,337	10,868
10							60	46	87 966	2 010,669	22 376,171	11,129	10,660
11							61	47	86 930	1 865,700	20 365,502	10,916	10,447
12							62	48	85 819	1 729,439	18 499,801	10,697	10,228
13							63	49	84 640	1 601,581	16 770,362	10,471	10,002
14	0	99 450	41 182,131	651 395,741	15,817	15,349	64	50	83 398	1 481,764	15 168,780	10,237	9,768
15	1	99 121	38 540,972	610 213,610	15,833	15,364	65	51	82 041	1 368,693	13 687,017	10,000	9,531
16	2	99 077	36 172,713	571 672,638	15,804	15,335	66	52	80 608	1 262,708	12 318,324	9,755	9,287
17	3	99 037	33 951,110	535 499,925	15,773	15,304	67	53	79 057	1 162,828	11 055,616	9,508	9,039
18	4	98 992	31 864,616	501 548,815	15,740	15,271	68	54	77 410	1 069,111	9 892,788	9,253	8,785
19	5	98 933	29 901,858	469 684,199	15,708	15,239	69	55	75 685	981,495	8 823,677	8,990	8,521
20	6	98 875	28 060,304	439 782,341	15,673	15,204	70	56	73 838	899,094	7 842,182	8,722	8,254
21	7	98 813	26 331,238	411 722,037	15,636	15,168	71	57	71 884	821,887	6 943,087	8,448	7,979
22	8	98 751	24 708,685	385 390,799	15,597	15,129	72	58	69 812	749,480	6 121,201	8,167	7,699
23	9	98 691	23 186,608	360 682,113	15,556	15,087	73	59	67 620	681,638	5 371,721	7,881	7,412
24	10	98 633	21 758,580	337 495,506	15,511	15,042	74	60	65 292	617,999	4 690,083	7,589	7,120
25	11	98 571	20 417,710	315 736,926	15,464	14,995	75	61	62 741	557,607	4 072,083	7,303	6,834
26	12	98 509	19 159,494	295 319,217	15,414	14,945	76	62	60 045	501,077	3 514,477	7,014	6,545
27	13	98 443	17 978,235	276 159,723	15,361	14,892	77	63	57 183	448,070	3 013,400	6,725	6,257
28	14	98 372	16 868,775	258 181,488	15,305	14,837	78	64	54 142	398,353	2 565,330	6,440	5,971
29	15	98 302	15 827,992	241 312,713	15,246	14,777	79	65	50 906	351,680	2 166,977	6,162	5,693
30	16	98 225	14 850,323	225 484,721	15,184	14,715	80	66	47 536	308,354	1 815,296	5,887	5,418
31	17	98 148	13 932,898	210 634,398	15,118	14,649	81	67	44 063	268,384	1 506,942	5,615	5,146
32	18	98 062	13 071,098	196 701,500	15,049	14,580	82	68	40 480	231,511	1 238,558	5,350	4,881
33	19	97 967	12 261,508	183 630,402	14,976	14,507	83	69	36 867	197,978	1 007,047	5,087	4,618
34	20	97 872	11 501,989	171 368,894	14,899	14,430	84	70	33 269	167,753	809,070	4,823	4,354
35	21	97 773	10 789,027	159 866,906	14,818	14,349	85	71	29 654	140,399	641,317	4,568	4,099
36	22	97 670	10 119,914	149 077,878	14,731	14,262	86	72	26 092	115,996	500,917	4,318	3,850
37	23	97 562	9 491,767	138 957,964	14,640	14,171	87	73	22 605	94,361	384,921	4,079	3,611
38	24	97 448	8 901,965	129 466,197	14,544	14,075	88	74	19 230	75,373	290,561	3,855	3,386
39	25	97 321	8 347,777	120 564,232	14,443	13,974	89	75	16 073	59,155	215,188	3,638	3,169
40	26	97 188	7 827,568	112 216,455	14,336	13,867	90	76	13 098	45,261	156,033	3,447	2,979
41	27	97 040	7 338,663	104 388,887	14,225	13,756	91	77	10 528	34,161	110,772	3,243	2,774
42	28	96 881	6 879,478	97 050,224	14,107	13,638	92	78	8 191	24,955	76,611	3,070	2,601
43	29	96 708	6 448,093	90 170,746	13,984	13,515	93	79	6 213	17,774	51,656	2,906	2,438
44	30	96 508	6 042,017	83 722,653	13,857	13,388	94	80	4 582	12,309	33,882	2,753	2,284
45	31	96 289	5 660,366	77 680,636	13,724	13,255	95	81	3 278	8,267	21,573	2,610	2,141
46	32	96 047	5 301,524	72 020,269	13,585	13,116	96	82	2 270	5,375	13,306	2,475	2,007
47	33	95 775	4 963,884	66 718,745	13,441	12,972	97	83	1 517	3,373	7,931	2,352	1,883
48	34	95 464	4 645,770	61 754,862	13,293	12,824	98	84	977	2,039	4,558	2,235	1,767
49	35	95 117	4 346,387	57 109,092	13,139	12,671	99	85	604	1,184	2,519	2,128	1,659
							100	86	358	0,658	1,335	2,028	1,559

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß   6,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	35	94 776	4 066,489	52 864,441	13,000	12,531
1							51	36	94 360	3 801,510	48 797,952	12,836	12,368
2							52	37	93 869	3 550,918	44 996,442	12,672	12,203
3							53	38	93 349	3 315,733	41 445,524	12,500	12,031
4							54	39	92 782	3 094,456	38 129,791	12,322	11,853
5							55	40	92 146	2 885,688	35 035,335	12,141	11,672
6							56	41	91 458	2 689,333	32 149,647	11,955	11,486
7							57	42	90 719	2 504,779	29 460,314	11,762	11,293
8							58	43	89 909	2 330,907	26 955,535	11,564	11,096
9							59	44	89 027	2 167,176	24 624,628	11,363	10,894
10							60	45	88 078	2 013,225	22 457,451	11,155	10,686
11							61	46	87 052	1 868,333	20 444,227	10,942	10,474
12							62	47	85 959	1 732,272	18 575,894	10,723	10,255
13							63	48	84 790	1 604,419	16 843,622	10,498	10,030
14							64	49	83 570	1 484,819	15 239,203	10,263	9,795
15	0	99 435	38 662,864	610 515,925	15,791	15,322	65	50	82 222	1 371,715	13 754,384	10,027	9,558
16	1	99 104	36 182,264	571 853,061	15,805	15,336	66	51	80 805	1 265,805	12 382,669	9,782	9,314
17	2	99 052	33 956,168	535 670,798	15,775	15,307	67	52	79 274	1 166,029	11 116,864	9,534	9,065
18	3	99 003	31 868,177	501 714,630	15,743	15,275	68	53	77 643	1 072,335	9 950,835	9,280	8,811
19	4	98 945	29 905,422	469 846,453	15,711	15,242	69	54	75 928	984,638	8 878,500	9,017	8,548
20	5	98 885	28 063,141	439 941,031	15,677	15,208	70	55	74 100	902,291	7 893,863	8,749	8,280
21	6	98 821	26 333,532	411 877,890	15,641	15,172	71	56	72 156	824,999	6 991,571	8,475	8,006
22	7	98 759	24 710,806	385 544,359	15,602	15,134	72	57	70 092	752,487	6 166,573	8,195	7,726
23	8	98 698	23 188,315	360 833,553	15,561	15,092	73	58	67 920	684,659	5 414,086	7,908	7,439
24	9	98 640	21 760,081	337 645,237	15,517	15,048	74	59	65 602	620,931	4 729,426	7,617	7,148
25	10	98 578	20 419,159	315 885,157	15,470	15,001	75	60	63 081	560,628	4 108,495	7,328	6,860
26	11	98 516	19 161,026	295 465,998	15,420	14,951	76	61	60 392	503,973	3 547,867	7,040	6,571
27	12	98 451	17 979,682	276 304,972	15,368	14,899	77	62	57 546	450,914	3 043,894	6,750	6,282
28	13	98 381	16 870,286	258 325,290	15,312	14,844	78	63	54 510	401,056	2 592,980	6,465	5,997
29	14	98 313	15 829,708	241 455,003	15,253	14,785	79	64	51 283	354,284	2 191,924	6,187	5,718
30	15	98 238	14 852,191	225 625,296	15,191	14,723	80	65	47 910	310,782	1 837,640	5,913	5,444
31	16	98 163	13 935,042	210 773,105	15,125	14,657	81	66	44 443	270,700	1 526,859	5,640	5,172
32	17	98 077	13 073,196	196 838,062	15,057	14,588	82	67	40 853	233,644	1 256,159	5,376	4,908
33	18	97 990	12 264,309	183 764,866	14,984	14,515	83	68	37 228	199,919	1 022,515	5,115	4,646
34	19	97 892	11 504,365	171 500,557	14,907	14,439	84	69	33 626	169,554	822,595	4,852	4,383
35	20	97 795	10 791,423	159 996,192	14,826	14,357	85	70	30 002	142,048	653,042	4,597	4,129
36	21	97 691	10 122,033	149 204,769	14,741	14,272	86	71	26 432	117,509	510,994	4,349	3,880
37	22	97 584	9 493,897	139 082,737	14,650	14,181	87	72	22 937	95,747	393,485	4,110	3,641
38	23	97 470	8 904,000	129 588,840	14,554	14,085	88	73	19 548	76,619	297,738	3,886	3,417
39	24	97 340	8 349,465	120 684,840	14,454	13,985	89	74	16 378	60,276	221,119	3,668	3,200
40	25	97 209	7 829,290	112 335,375	14,348	13,879	90	75	13 385	46,254	160,843	3,477	3,009
41	26	97 063	7 340,400	104 506,084	14,237	13,768	91	76	10 792	35,019	114,590	3,272	2,803
42	27	96 907	6 881,326	97 165,684	14,120	13,651	92	77	8 424	25,667	79,571	3,100	2,631
43	28	96 733	6 449,724	90 284,358	13,998	13,529	93	78	6 419	18,363	53,904	2,936	2,467
44	29	96 536	6 043,751	83 834,634	13,871	13,403	94	79	4 755	12,773	35,541	2,783	2,314
45	30	96 316	5 661,969	77 790,882	13,739	13,270	95	80	3 420	8,627	22,768	2,639	2,170
46	31	96 076	5 303,126	72 128,914	13,601	13,132	96	81	2 383	5,644	14,141	2,506	2,037
47	32	95 809	4 965,644	66 825,788	13,458	12,989	97	82	1 605	3,570	8,497	2,381	1,912
48	33	95 499	4 647,469	61 860,144	13,311	12,842	98	83	1 042	2,176	4,928	2,265	1,796
49	34	95 158	4 348,234	57 212,675	13,158	12,689	99	84	651	1,276	2,752	2,157	1,688
							100	85	390	0,718	1,476	2,056	1,588

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß   6,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	34	94 817	4 068,217	52 957,405	13,017	12,549
1							51	35	94 397	3 803,023	48 889,189	12,855	12,387
2							52	36	93 913	3 552,606	45 086,165	12,691	12,222
3							53	37	93 399	3 317,504	41 533,560	12,520	12,051
4							54	38	92 834	3 096,180	38 216,056	12,343	11,874
5							55	39	92 207	2 887,599	35 119,876	12,162	11,694
6							56	40	91 523	2 691,233	32 232,277	11,977	11,508
7							57	41	90 792	2 506,788	29 541,044	11,784	11,316
8							58	42	89 989	2 332,984	27 034,256	11,588	11,119
9							59	43	89 118	2 169,398	24 701,272	11,386	10,917
10							60	44	88 177	2 015,488	22 531,874	11,179	10,711
11							61	45	87 163	1 870,707	20 516,386	10,967	10,498
12							62	46	86 080	1 734,716	18 645,679	10,749	10,280
13							63	47	84 929	1 607,046	16 910,962	10,523	10,054
14							64	48	83 718	1 487,449	15 303,916	10,289	9,820
15							65	49	82 392	1 374,543	13 816,467	10,052	9,583
16	0	99 417	36 296,696	572 132,543	15,763	15,294	66	50	80 984	1 268,600	12 441,923	9,808	9,339
17	1	99 078	33 965,133	535 835,848	15,776	15,307	67	51	79 469	1 168,889	11 173,324	9,559	9,090
18	2	99 018	31 872,924	501 870,714	15,746	15,277	68	52	77 857	1 075,287	10 004,434	9,304	8,835
19	3	98 956	29 908,763	469 997,790	15,714	15,246	69	53	76 157	987,607	8 929,147	9,041	8,572
20	4	98 896	28 066,486	440 089,027	15,680	15,211	70	54	74 337	905,180	7 941,541	8,773	8,305
21	5	98 831	26 336,194	412 022,541	15,645	15,176	71	55	72 413	827,932	7 036,361	8,499	8,030
22	6	98 768	24 712,958	385 686,348	15,607	15,138	72	56	70 358	755,336	6 208,428	8,219	7,751
23	7	98 707	23 190,306	360 973,389	15,566	15,097	73	57	68 192	687,407	5 453,092	7,933	7,464
24	8	98 647	21 761,683	337 783,083	15,522	15,053	74	58	65 892	623,683	4 765,686	7,641	7,172
25	9	98 584	20 420,568	316 021,400	15,476	15,007	75	59	63 380	563,288	4 142,002	7,353	6,885
26	10	98 523	19 162,386	295 600,833	15,426	14,957	76	60	60 719	506,704	3 578,714	7,063	6,594
27	11	98 459	17 981,120	276 438,447	15,374	14,905	77	61	57 878	453,520	3 072,010	6,774	6,305
28	12	98 389	16 871,645	258 457,327	15,319	14,850	78	62	54 856	403,601	2 618,490	6,488	6,019
29	13	98 322	15 831,126	241 585,682	15,260	14,791	79	63	51 631	356,687	2 214,889	6,210	5,741
30	14	98 248	14 853,801	225 754,557	15,198	14,730	80	64	48 264	313,082	1 858,202	5,935	5,466
31	15	98 175	13 936,796	210 900,756	15,133	14,664	81	65	44 793	272,830	1 545,119	5,663	5,195
32	16	98 093	13 075,208	196 963,960	15,064	14,595	82	66	41 205	235,660	1 272,289	5,399	4,930
33	17	98 005	12 266,278	183 888,752	14,991	14,523	83	67	37 571	201,762	1 036,628	5,138	4,669
34	18	97 915	11 506,993	171 622,475	14,915	14,446	84	68	33 956	171,216	834,867	4,876	4,407
35	19	97 815	10 793,652	160 115,481	14,834	14,365	85	69	30 324	143,573	663,650	4,622	4,154
36	20	97 712	10 124,280	149 321,829	14,749	14,280	86	70	26 743	118,889	520,078	4,374	3,906
37	21	97 605	9 495,884	139 197,549	14,659	14,190	87	71	23 236	96,996	401,189	4,136	3,667
38	22	97 492	8 905,998	129 701,665	14,563	14,095	88	72	19 835	77,744	304,193	3,913	3,444
39	23	97 363	8 351,374	120 795,667	14,464	13,995	89	73	16 649	61,273	226,449	3,696	3,227
40	24	97 229	7 830,873	112 444,293	14,359	13,890	90	74	13 639	47,130	165,176	3,505	3,036
41	25	97 084	7 342,015	104 613,420	14,249	13,780	91	75	11 029	35,787	118,046	3,299	2,830
42	26	96 930	6 882,955	97 271,404	14,132	13,663	92	76	8 636	26,311	82,259	3,126	2,658
43	27	96 759	6 451,457	90 388,449	14,011	13,542	93	77	6 602	18,886	55,947	2,962	2,494
44	28	96 560	6 045,280	83 936,991	13,885	13,416	94	78	4 912	13,196	37,061	2,809	2,340
45	29	96 344	5 663,594	77 891,712	13,753	13,284	95	79	3 549	8,952	23,865	2,666	2,197
46	30	96 103	5 304,627	72 228,118	13,616	13,147	96	80	2 487	5,890	14,913	2,532	2,063
47	31	95 838	4 967,144	66 923,491	13,473	13,004	97	81	1 685	3,748	9,023	2,408	1,939
48	32	95 533	4 649,117	61 956,347	13,326	12,858	98	82	1 103	2,303	5,275	2,291	1,822
49	33	95 192	4 349,825	57 307,230	13,175	12,706	99	83	694	1,362	2,973	2,183	1,715
							100	84	420	0,774	1,611	2,082	1,613

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß   6,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	33	94 851	4 069,705	53 042,255	13,033	12,565
1							51	34	94 437	3 804,639	48 972,550	12,872	12,403
2							52	35	93 951	3 554,020	45 167,911	12,709	12,240
3							53	36	93 443	3 319,081	41 613,892	12,538	12,069
4							54	37	92 883	3 097,833	38 294,810	12,362	11,893
5							55	38	92 259	2 889,207	35 196,977	12,182	11,713
6							56	39	91 583	2 693,015	32 307,770	11,997	11,528
7							57	40	90 856	2 508,560	29 614,756	11,805	11,337
8							58	41	90 061	2 334,855	27 106,196	11,609	11,141
9							59	42	89 198	2 171,330	24 771,341	11,408	10,940
10							60	43	88 268	2 017,554	22 600,010	11,202	10,733
11							61	44	87 261	1 872,811	20 582,456	10,990	10,521
12							62	45	86 190	1 736,921	18 709,645	10,772	10,303
13							63	46	85 048	1 609,314	16 972,724	10,547	10,078
14							64	47	83 855	1 489,885	15 363,410	10,312	9,843
15							65	48	82 538	1 376,979	13 873,525	10,075	9,607
16							66	49	81 151	1 271,215	12 496,546	9,830	9,362
17	0	99 391	34 072,554	536 094,250	15,734	15,265	67	50	79 644	1 171,470	11 225,331	9,582	9,114
18	1	99 044	31 881,340	502 021,696	15,747	15,278	68	51	78 048	1 077,924	10 053,861	9,327	8,858
19	2	98 970	29 913,219	470 140,357	15,717	15,248	69	52	76 366	990,326	8 975,936	9,064	8,595
20	3	98 907	28 069,622	440 227,138	15,683	15,215	70	53	74 562	907,910	7 985,611	8,796	8,327
21	4	98 843	26 339,333	412 157,516	15,648	15,179	71	54	72 645	830,583	7 077,701	8,521	8,053
22	5	98 778	24 715,457	385 818,183	15,610	15,142	72	55	70 608	758,022	6 247,118	8,241	7,773
23	6	98 715	23 192,325	361 102,727	15,570	15,101	73	56	68 450	690,010	5 489,096	7,955	7,486
24	7	98 655	21 763,551	337 910,401	15,526	15,058	74	57	66 157	626,186	4 799,087	7,664	7,195
25	8	98 592	20 422,072	316 146,850	15,481	15,012	75	58	63 661	565,785	4 172,901	7,375	6,907
26	9	98 530	19 163,708	295 724,779	15,432	14,963	76	59	61 007	509,108	3 607,117	7,085	6,616
27	10	98 466	17 982,396	276 561,071	15,380	14,911	77	60	58 192	455,978	3 098,009	6,794	6,325
28	11	98 397	16 872,994	258 578,675	15,325	14,856	78	61	55 173	405,934	2 642,031	6,509	6,040
29	12	98 330	15 832,400	241 705,681	15,267	14,798	79	62	51 958	358,951	2 236,097	6,230	5,761
30	13	98 257	14 855,132	225 873,281	15,205	14,736	80	63	48 592	315,206	1 877,146	5,955	5,487
31	14	98 186	13 938,306	211 018,149	15,139	14,671	81	64	45 125	274,850	1 561,939	5,683	5,214
32	15	98 105	13 076,853	197 079,843	15,071	14,602	82	65	41 530	237,515	1 287,089	5,419	4,950
33	16	98 020	12 268,165	184 002,990	14,998	14,530	83	66	37 895	203,503	1 049,574	5,158	4,689
34	17	97 931	11 508,840	171 734,824	14,922	14,453	84	67	34 269	172,794	846,071	4,896	4,428
35	18	97 837	10 796,118	160 225,985	14,841	14,372	85	68	30 622	144,981	673,277	4,644	4,175
36	19	97 733	10 126,372	149 429,866	14,757	14,288	86	69	27 030	120,165	528,296	4,396	3,928
37	20	97 626	9 497,993	139 303,495	14,667	14,198	87	70	23 509	98,135	408,131	4,159	3,690
38	21	97 512	8 907,863	129 805,502	14,572	14,103	88	71	20 094	78,758	309,996	3,936	3,467
39	22	97 385	8 353,248	120 897,640	14,473	14,004	89	72	16 893	62,173	231,238	3,719	3,251
40	23	97 251	7 832,664	112 544,392	14,369	13,900	90	73	13 864	47,910	169,065	3,529	3,060
41	24	97 104	7 343,500	104 711,728	14,259	13,790	91	74	11 238	36,465	121,156	3,322	2,854
42	25	96 951	6 884,470	97 368,228	14,143	13,674	92	75	8 825	26,888	84,690	3,150	2,681
43	26	96 782	6 452,985	90 483,759	14,022	13,553	93	76	6 767	19,360	57,802	2,986	2,517
44	27	96 586	6 046,904	84 030,774	13,896	13,428	94	77	5 053	13,572	38,441	2,832	2,364
45	28	96 368	5 665,026	77 983,870	13,766	13,297	95	78	3 667	9,249	24,869	2,689	2,220
46	29	96 131	5 306,149	72 318,843	13,629	13,161	96	79	2 581	6,112	15,620	2,556	2,087
47	30	95 865	4 968,550	67 012,694	13,487	13,019	97	80	1 759	3,911	9,509	2,431	1,962
48	31	95 561	4 650,521	62 044,144	13,341	12,873	98	81	1 158	2,418	5,597	2,315	1,846
49	32	95 226	4 351,367	57 393,622	13,190	12,721	99	82	735	1,441	3,180	2,207	1,738
							100	83	448	0,825	1,739	2,106	1,638

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß   6,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	32	94 885	4 071,148	53 119,771	13,048	12,579
1							51	33	94 472	3 806,031	49 048,623	12,887	12,418
2							52	34	93 990	3 555,530	45 242,592	12,725	12,256
3							53	35	93 480	3 320,402	41 687,062	12,555	12,086
4							54	36	92 927	3 099,306	38 366,660	12,379	11,910
5							55	37	92 308	2 890,750	35 267,354	12,200	11,731
6							56	38	91 634	2 694,515	32 376,605	12,016	11,547
7							57	39	90 916	2 510,220	29 682,090	11,824	11,356
8							58	40	90 125	2 336,505	27 171,869	11,629	11,161
9							59	41	89 269	2 173,072	24 835,364	11,429	10,960
10							60	42	88 346	2 019,352	22 662,292	11,223	10,754
11							61	43	87 350	1 874,730	20 642,940	11,011	10,542
12							62	44	86 287	1 738,874	18 768,210	10,793	10,325
13							63	45	85 156	1 611,359	17 029,336	10,568	10,100
14							64	46	83 973	1 491,988	15 417,977	10,334	9,865
15							65	47	82 673	1 379,234	13 925,989	10,097	9,628
16							66	48	81 295	1 273,467	12 546,755	9,852	9,384
17							67	49	79 809	1 173,885	11 273,288	9,603	9,135
18	0	99 358	31 982,169	502 260,632	15,704	15,236	68	50	78 220	1 080,304	10 099,402	9,349	8,880
19	1	98 997	29 921,117	470 278,463	15,717	15,249	69	51	76 553	992,755	9 019,098	9,085	8,616
20	2	98 922	28 073,803	440 357,346	15,686	15,217	70	52	74 767	910,409	8 026,343	8,816	8,347
21	3	98 854	26 342,276	412 283,542	15,651	15,182	71	53	72 864	833,087	7 115,934	8,542	8,073
22	4	98 790	24 718,403	385 941,266	15,614	15,145	72	54	70 834	760,449	6 282,847	8,262	7,793
23	5	98 725	23 194,670	361 222,864	15,574	15,105	73	55	68 694	692,463	5 522,398	7,975	7,506
24	6	98 664	21 765,447	338 028,194	15,530	15,062	74	56	66 407	628,557	4 829,935	7,684	7,215
25	7	98 600	20 423,825	316 262,747	15,485	15,016	75	57	63 916	568,055	4 201,378	7,396	6,927
26	8	98 537	19 165,119	295 838,923	15,436	14,968	76	58	61 277	511,364	3 633,323	7,105	6,636
27	9	98 473	17 983,637	276 673,804	15,385	14,916	77	59	58 468	458,141	3 121,959	6,814	6,346
28	10	98 404	16 874,191	258 690,167	15,331	14,862	78	60	55 472	408,134	2 663,818	6,527	6,058
29	11	98 338	15 833,666	241 815,975	15,272	14,804	79	61	52 259	361,026	2 255,684	6,248	5,779
30	12	98 265	14 856,328	225 982,309	15,211	14,742	80	62	48 900	317,207	1 894,658	5,973	5,504
31	13	98 194	13 939,555	211 125,981	15,146	14,677	81	63	45 431	276,715	1 577,451	5,701	5,232
32	14	98 116	13 078,270	197 186,426	15,077	14,609	82	64	41 837	239,274	1 300,736	5,436	4,967
33	15	98 033	12 269,709	184 108,156	15,005	14,536	83	65	38 194	205,104	1 061,463	5,175	4,706
34	16	97 946	11 510,611	171 838,447	14,929	14,460	84	66	34 564	174,285	856,358	4,914	4,445
35	17	97 853	10 797,851	160 327,836	14,848	14,379	85	67	30 904	146,317	682,073	4,662	4,193
36	18	97 755	10 128,685	149 529,985	14,763	14,294	86	68	27 295	121,343	535,756	4,415	3,946
37	19	97 647	9 499,955	139 401,300	14,674	14,205	87	69	23 762	99,188	414,413	4,178	3,709
38	20	97 534	8 909,841	129 901,346	14,580	14,111	88	70	20 330	79,683	315,224	3,956	3,487
39	21	97 405	8 354,997	120 991,505	14,481	14,013	89	71	17 114	62,984	235,541	3,740	3,271
40	22	97 273	7 834,421	112 636,508	14,377	13,908	90	72	14 068	48,613	172,558	3,550	3,081
41	23	97 126	7 345,179	104 802,087	14,268	13,799	91	73	11 424	37,068	123,944	3,344	2,875
42	24	96 971	6 885,862	97 456,909	14,153	13,684	92	74	8 993	27,398	86,876	3,171	2,702
43	25	96 803	6 454,404	90 571,047	14,032	13,564	93	75	6 916	19,785	59,478	3,006	2,537
44	26	96 609	6 048,336	84 116,643	13,907	13,439	94	76	5 179	13,913	39,693	2,853	2,384
45	27	96 394	5 666,549	78 068,307	13,777	13,308	95	77	3 772	9,513	25,780	2,710	2,241
46	28	96 155	5 307,492	72 401,758	13,641	13,173	96	78	2 666	6,314	16,267	2,576	2,108
47	29	95 893	4 969,976	67 094,266	13,500	13,031	97	79	1 825	4,059	9,953	2,452	1,984
48	30	95 589	4 651,838	62 124,290	13,355	12,886	98	80	1 208	2,523	5,895	2,336	1,868
49	31	95 255	4 352,682	57 472,452	13,204	12,735	99	81	772	1,513	3,372	2,228	1,760
							100	82	475	0,874	1,859	2,127	1,659

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß   6,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	31	94 914	4 072,378	53 190,486	13,061	12,593
1							51	32	94 505	3 807,380	49 118,108	12,901	12,432
2							52	33	94 025	3 556,830	45 310,728	12,739	12,270
3							53	34	93 520	3 321,813	41 753,898	12,570	12,101
4							54	35	92 964	3 100,539	38 432,085	12,395	11,927
5							55	36	92 352	2 892,124	35 331,546	12,216	11,748
6							56	37	91 683	2 695,954	32 439,421	12,033	11,564
7							57	38	90 966	2 511,619	29 743,468	11,842	11,374
8							58	39	90 184	2 338,052	27 231,849	11,647	11,178
9							59	40	89 332	2 174,608	24 893,797	11,447	10,979
10							60	41	88 417	2 020,971	22 719,189	11,242	10,773
11							61	42	87 428	1 876,401	20 698,218	11,031	10,562
12							62	43	86 375	1 740,656	18 821,817	10,813	10,344
13							63	44	85 252	1 613,171	17 081,161	10,589	10,120
14							64	45	84 080	1 493,884	15 467,990	10,354	9,885
15							65	46	82 789	1 381,180	13 974,106	10,118	9,649
16							66	47	81 428	1 275,553	12 592,926	9,873	9,404
17							67	48	79 950	1 175,965	11 317,373	9,624	9,155
18							68	49	78 382	1 082,532	10 141,408	9,368	8,899
19	0	99 310	30 015,747	470 499,412	15,675	15,206	69	50	76 722	994,947	9 058,876	9,105	8,636
20	1	98 948	28 081,216	440 483,665	15,686	15,217	70	51	74 950	912,642	8 063,930	8,836	8,367
21	2	98 869	26 346,200	412 402,449	15,653	15,184	71	52	73 065	835,381	7 151,287	8,561	8,092
22	3	98 801	24 721,165	386 056,249	15,616	15,148	72	53	71 048	762,742	6 315,907	8,281	7,812
23	4	98 737	23 197,434	361 335,084	15,577	15,108	73	54	68 914	694,680	5 553,165	7,994	7,525
24	5	98 674	21 767,647	338 137,650	15,534	15,065	74	55	66 643	630,792	4 858,485	7,702	7,233
25	6	98 609	20 425,603	316 370,003	15,489	15,020	75	56	64 158	570,206	4 227,693	7,414	6,946
26	7	98 546	19 166,764	295 944,400	15,440	14,972	76	57	61 523	513,416	3 657,487	7,124	6,655
27	8	98 480	17 984,961	276 777,635	15,389	14,921	77	58	58 727	460,171	3 144,071	6,832	6,364
28	9	98 411	16 875,356	258 792,674	15,336	14,867	78	59	55 735	410,070	2 683,900	6,545	6,076
29	10	98 345	15 834,790	241 917,319	15,278	14,809	79	60	52 542	362,982	2 273,829	6,264	5,796
30	11	98 273	14 857,516	226 082,528	15,217	14,748	80	61	49 183	319,041	1 910,847	5,989	5,521
31	12	98 202	13 940,677	211 225,013	15,152	14,683	81	62	45 719	278,471	1 591,807	5,716	5,247
32	13	98 124	13 079,442	197 284,336	15,084	14,615	82	63	42 121	240,897	1 313,335	5,452	4,983
33	14	98 043	12 271,039	184 204,894	15,011	14,543	83	64	38 477	206,623	1 072,438	5,190	4,722
34	15	97 958	11 512,059	171 933,855	14,935	14,466	84	65	34 836	175,657	865,815	4,929	4,460
35	16	97 868	10 799,513	160 421,796	14,855	14,386	85	66	31 170	147,579	690,158	4,677	4,208
36	17	97 771	10 130,311	149 622,283	14,770	14,301	86	67	27 547	122,462	542,579	4,431	3,962
37	18	97 669	9 502,125	139 491,972	14,680	14,211	87	68	23 995	100,161	420,117	4,194	3,726
38	19	97 554	8 911,681	129 989,847	14,586	14,118	88	69	20 548	80,538	319,956	3,973	3,504
39	20	97 427	8 356,852	121 078,166	14,488	14,020	89	70	17 315	63,723	239,418	3,757	3,288
40	21	97 293	7 836,061	112 721,314	14,385	13,916	90	71	14 251	49,248	175,695	3,568	3,099
41	22	97 148	7 346,827	104 885,253	14,276	13,808	91	72	11 592	37,613	126,447	3,362	2,893
42	23	96 993	6 887,436	97 538,426	14,162	13,693	92	73	9 141	27,851	88,834	3,190	2,721
43	24	96 823	6 455,709	90 650,990	14,042	13,573	93	74	7 047	20,160	60,983	3,025	2,556
44	25	96 630	6 049,667	84 195,281	13,917	13,449	94	75	5 293	14,218	40,823	2,871	2,402
45	26	96 417	5 667,890	78 145,615	13,787	13,319	95	76	3 866	9,752	26,605	2,728	2,260
46	27	96 181	5 308,918	72 477,724	13,652	13,183	96	77	2 742	6,494	16,854	2,595	2,126
47	28	95 917	4 971,233	67 168,807	13,511	13,043	97	78	1 886	4,193	10,360	2,471	2,002
48	29	95 616	4 653,173	62 197,573	13,367	12,898	98	79	1 254	2,618	6,166	2,355	1,887
49	30	95 282	4 353,914	57 544,400	13,217	12,748	99	80	805	1,579	3,548	2,247	1,779
							100	81	498	0,917	1,969	2,147	1,678

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß   6,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	30	94 940	4 073,531	53 255,013	13,073	12,605
1							51	31	94 534	3 808,531	49 181,482	12,914	12,445
2							52	32	94 058	3 558,092	45 372,951	12,752	12,283
3							53	33	93 554	3 323,028	41 814,860	12,583	12,115
4							54	34	93 004	3 101,857	38 491,832	12,409	11,941
5							55	35	92 389	2 893,275	35 389,975	12,232	11,763
6							56	36	91 727	2 697,235	32 496,700	12,048	11,579
7							57	37	91 015	2 512,960	29 799,465	11,858	11,390
8							58	38	90 235	2 339,354	27 286,505	11,664	11,195
9							59	39	89 391	2 176,047	24 947,150	11,464	10,996
10							60	40	88 480	2 022,400	22 771,103	11,259	10,791
11							61	41	87 498	1 877,906	20 748,703	11,049	10,580
12							62	42	86 452	1 742,207	18 870,798	10,832	10,363
13							63	43	85 340	1 614,825	17 128,591	10,607	10,138
14							64	44	84 174	1 495,564	15 513,766	10,373	9,904
15							65	45	82 895	1 382,935	14 018,202	10,137	9,668
16							66	46	81 543	1 277,353	12 635,267	9,892	9,423
17							67	47	80 081	1 177,891	11 357,914	9,643	9,174
18							68	48	78 520	1 084,450	10 180,023	9,387	8,919
19							69	49	76 881	996,998	9 095,574	9,123	8,654
20	0	99 261	28 170,027	440 688,005	15,644	15,175	70	50	75 116	914,657	8 098,576	8,854	8,385
21	1	98 895	26 353,156	412 517,978	15,653	15,185	71	51	73 244	837,430	7 183,918	8,579	8,110
22	2	98 815	24 724,847	386 164,821	15,618	15,150	72	52	71 243	764,842	6 346,489	8,298	7,829
23	3	98 748	23 200,027	361 439,974	15,579	15,111	73	53	69 122	696,775	5 581,647	8,011	7,542
24	4	98 686	21 770,241	338 239,947	15,537	15,068	74	54	66 857	632,811	4 884,872	7,719	7,251
25	5	98 619	20 427,668	316 469,706	15,492	15,023	75	55	64 386	572,233	4 252,061	7,431	6,962
26	6	98 554	19 168,434	296 042,038	15,444	14,976	76	56	61 756	515,360	3 679,828	7,140	6,672
27	7	98 489	17 986,505	276 873,604	15,393	14,925	77	57	58 963	462,018	3 164,467	6,849	6,380
28	8	98 418	16 876,598	258 887,099	15,340	14,871	78	58	55 982	411,888	2 702,450	6,561	6,092
29	9	98 351	15 835,883	242 010,501	15,282	14,814	79	59	52 791	364,704	2 290,562	6,281	5,812
30	10	98 280	14 858,570	226 174,618	15,222	14,753	80	60	49 449	320,769	1 925,858	6,004	5,535
31	11	98 210	13 941,792	211 316,048	15,157	14,688	81	61	45 983	280,081	1 605,088	5,731	5,262
32	12	98 132	13 080,495	197 374,256	15,089	14,620	82	62	42 388	242,426	1 325,007	5,466	4,997
33	13	98 052	12 272,138	184 293,761	15,017	14,549	83	63	38 738	208,025	1 082,581	5,204	4,735
34	14	97 969	11 513,307	172 021,623	14,941	14,472	84	64	35 094	176,958	874,557	4,942	4,473
35	15	97 880	10 800,871	160 508,316	14,861	14,392	85	65	31 416	148,741	697,599	4,690	4,221
36	16	97 786	10 131,870	149 707,444	14,776	14,307	86	66	27 784	123,518	548,858	4,444	3,975
37	17	97 685	9 503,650	139 575,575	14,687	14,218	87	67	24 216	101,084	425,340	4,208	3,739
38	18	97 576	8 913,717	130 071,925	14,592	14,124	88	68	20 749	81,328	324,256	3,987	3,518
39	19	97 447	8 358,578	121 158,207	14,495	14,026	89	69	17 501	64,407	242,927	3,772	3,303
40	20	97 315	7 837,801	112 799,629	14,392	13,923	90	70	14 418	49,826	178,520	3,583	3,114
41	21	97 168	7 348,365	104 961,828	14,284	13,815	91	71	11 743	38,103	128,694	3,377	2,909
42	22	97 015	6 888,981	97 613,464	14,170	13,701	92	72	9 275	28,260	90,591	3,206	2,737
43	23	96 845	6 457,185	90 724,482	14,050	13,581	93	73	7 163	20,493	62,331	3,042	2,573
44	24	96 650	6 050,890	84 267,297	13,926	13,458	94	74	5 393	14,488	41,837	2,888	2,419
45	25	96 438	5 669,137	78 216,407	13,797	13,328	95	75	3 951	9,965	27,350	2,744	2,276
46	26	96 203	5 310,175	72 547,270	13,662	13,193	96	76	2 811	6,657	17,385	2,611	2,143
47	27	95 943	4 972,569	67 237,095	13,522	13,053	97	77	1 939	4,313	10,727	2,487	2,019
48	28	95 640	4 654,350	62 264,526	13,378	12,909	98	78	1 295	2,705	6,415	2,372	1,903
49	29	95 309	4 355,164	57 610,176	13,228	12,759	99	79	836	1,638	3,710	2,264	1,795
							100	80	520	0,957	2,071	2,164	1,695

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß   6,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	29	94 968	4 074,700	53 313,992	13,084	12,615
1							51	30	94 561	3 809,609	49 239,292	12,925	12,456
2							52	31	94 087	3 559,167	45 429,684	12,764	12,295
3							53	32	93 587	3 324,206	41 870,517	12,596	12,127
4							54	33	93 038	3 102,991	38 546,311	12,422	11,954
5							55	34	92 428	2 894,504	35 443,319	12,245	11,776
6							56	35	91 763	2 698,309	32 548,815	12,063	11,594
7							57	36	91 058	2 514,155	29 850,506	11,873	11,404
8							58	37	90 283	2 340,603	27 336,352	11,679	11,210
9							59	38	89 441	2 177,260	24 995,748	11,480	11,012
10							60	39	88 538	2 023,738	22 818,489	11,275	10,807
11							61	40	87 560	1 879,233	20 794,750	11,066	10,597
12							62	41	86 521	1 743,604	18 915,517	10,849	10,380
13							63	42	85 416	1 616,263	17 171,913	10,624	10,156
14							64	43	84 261	1 497,096	15 555,650	10,391	9,922
15							65	44	82 988	1 384,490	14 058,553	10,154	9,686
16							66	45	81 646	1 278,976	12 674,063	9,910	9,441
17							67	46	80 194	1 179,553	11 395,087	9,661	9,192
18							68	47	78 649	1 086,226	10 215,533	9,405	8,936
19							69	48	77 017	998,764	9 129,308	9,141	8,672
20							70	49	75 271	916,543	8 130,543	8,871	8,402
21	0	99 208	26 436,502	412 706,972	15,611	15,143	71	50	73 405	839,279	7 214,000	8,595	8,127
22	1	98 842	24 731,375	386 270,469	15,619	15,150	72	51	71 418	766,718	6 374,722	8,314	7,846
23	2	98 763	23 203,483	361 539,094	15,581	15,113	73	52	69 312	698,693	5 608,004	8,026	7,558
24	3	98 697	21 772,674	338 335,611	15,539	15,071	74	53	67 058	634,720	4 909,311	7,735	7,266
25	4	98 630	20 430,103	316 562,937	15,495	15,026	75	54	64 592	574,065	4 274,591	7,446	6,977
26	5	98 564	19 170,371	296 132,834	15,447	14,979	76	55	61 976	517,193	3 700,526	7,155	6,686
27	6	98 497	17 988,071	276 962,463	15,397	14,928	77	56	59 186	463,767	3 183,333	6,864	6,395
28	7	98 426	16 878,047	258 974,391	15,344	14,875	78	57	56 207	413,540	2 719,566	6,576	6,108
29	8	98 359	15 837,049	242 096,344	15,287	14,818	79	58	53 025	366,321	2 306,026	6,295	5,826
30	9	98 287	14 859,595	226 259,295	15,226	14,758	80	59	49 684	322,291	1 939,705	6,018	5,550
31	10	98 217	13 942,782	211 399,700	15,162	14,693	81	60	46 233	281,598	1 617,414	5,744	5,275
32	11	98 140	13 081,541	197 456,919	15,094	14,626	82	61	42 633	243,827	1 335,815	5,479	5,010
33	12	98 060	12 273,126	184 375,378	15,023	14,554	83	62	38 983	209,345	1 091,988	5,216	4,747
34	13	97 977	11 514,338	172 102,251	14,947	14,478	84	63	35 332	178,158	882,643	4,954	4,486
35	14	97 891	10 802,042	160 587,913	14,866	14,398	85	64	31 648	149,842	704,485	4,702	4,233
36	15	97 798	10 133,144	149 785,871	14,782	14,313	86	65	28 003	124,491	554,643	4,455	3,987
37	16	97 700	9 505,113	139 652,726	14,692	14,224	87	66	24 425	101,956	430,152	4,219	3,750
38	17	97 592	8 915,148	130 147,614	14,598	14,130	88	67	20 941	82,078	328,196	3,999	3,530
39	18	97 469	8 360,488	121 232,466	14,501	14,032	89	68	17 672	65,039	246,118	3,784	3,315
40	19	97 335	7 839,420	112 871,978	14,398	13,929	90	69	14 573	50,361	181,079	3,596	3,127
41	20	97 190	7 349,996	105 032,558	14,290	13,821	91	70	11 881	38,551	130,719	3,391	2,922
42	21	97 035	6 890,424	97 682,562	14,177	13,708	92	71	9 396	28,629	92,168	3,219	2,751
43	22	96 867	6 458,634	90 792,138	14,057	13,589	93	72	7 269	20,794	63,539	3,056	2,587
44	23	96 672	6 052,273	84 333,504	13,934	13,465	94	73	5 483	14,727	42,745	2,902	2,434
45	24	96 458	5 670,283	78 281,231	13,806	13,337	95	74	4 026	10,154	28,018	2,759	2,290
46	25	96 225	5 311,343	72 610,947	13,671	13,202	96	75	2 873	6,803	17,863	2,626	2,157
47	26	95 966	4 973,746	67 299,605	13,531	13,062	97	76	1 988	4,421	11,060	2,502	2,033
48	27	95 666	4 655,601	62 325,858	13,387	12,919	98	77	1 332	2,782	6,639	2,386	1,918
49	28	95 333	4 356,265	57 670,257	13,238	12,770	99	78	863	1,693	3,857	2,279	1,810
							100	79	540	0,993	2,164	2,179	1,710

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß   6,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	28	94 992	4 075,730	53 367,851	13,094	12,625
1							51	29	94 588	3 810,702	49 292,121	12,935	12,466
2							52	30	94 113	3 560,174	45 481,418	12,775	12,306
3							53	31	93 616	3 325,211	41 921,244	12,607	12,138
4							54	32	93 071	3 104,092	38 596,034	12,434	11,965
5							55	33	92 462	2 895,563	35 491,942	12,257	11,789
6							56	34	91 802	2 699,455	32 596,379	12,075	11,606
7							57	35	91 095	2 515,155	29 896,924	11,887	11,418
8							58	36	90 326	2 341,716	27 381,769	11,693	11,224
9							59	37	89 489	2 178,422	25 040,052	11,495	11,026
10							60	38	88 588	2 024,866	22 861,630	11,290	10,822
11							61	39	87 618	1 880,477	20 836,764	11,081	10,612
12							62	40	86 583	1 744,837	18 956,287	10,864	10,395
13							63	41	85 484	1 617,560	17 211,451	10,640	10,172
14							64	42	84 336	1 498,430	15 593,891	10,407	9,938
15							65	43	83 073	1 385,909	14 095,461	10,171	9,702
16							66	44	81 738	1 280,414	12 709,551	9,926	9,457
17							67	45	80 296	1 181,052	11 429,137	9,677	9,208
18							68	46	78 760	1 087,758	10 248,085	9,421	8,953
19							69	47	77 143	1 000,400	9 160,326	9,157	8,688
20							70	48	75 404	918,167	8 159,926	8,887	8,418
21							71	49	73 557	841,009	7 241,760	8,611	8,142
22	0	99 154	24 809,592	386 445,286	15,576	15,108	72	50	71 576	768,411	6 400,750	8,330	7,861
23	1	98 789	23 209,609	361 635,694	15,581	15,113	73	51	69 482	700,407	5 632,340	8,042	7,573
24	2	98 711	21 775,918	338 426,085	15,541	15,073	74	52	67 243	636,467	4 931,933	7,749	7,280
25	3	98 641	20 432,386	316 650,167	15,497	15,029	75	53	64 787	575,796	4 295,466	7,460	6,991
26	4	98 576	19 172,656	296 217,781	15,450	14,981	76	54	62 174	518,848	3 719,670	7,169	6,700
27	5	98 507	17 989,890	277 045,125	15,400	14,931	77	55	59 397	465,416	3 200,821	6,877	6,409
28	6	98 435	16 879,517	259 055,235	15,347	14,879	78	56	56 419	415,106	2 735,405	6,590	6,121
29	7	98 367	15 838,408	242 175,718	15,290	14,822	79	57	53 238	367,791	2 320,299	6,309	5,840
30	8	98 294	14 860,690	226 337,310	15,231	14,762	80	58	49 904	323,720	1 952,508	6,031	5,563
31	9	98 224	13 943,743	211 476,620	15,166	14,698	81	59	46 452	282,934	1 628,789	5,757	5,288
32	10	98 147	13 082,469	197 532,877	15,099	14,630	82	60	42 864	245,149	1 345,854	5,490	5,021
33	11	98 068	12 274,108	184 450,407	15,028	14,559	83	61	39 209	210,555	1 100,706	5,228	4,759
34	12	97 985	11 515,265	172 176,300	14,952	14,483	84	62	35 557	179,289	890,151	4,965	4,496
35	13	97 900	10 803,010	160 661,034	14,872	14,403	85	63	31 863	150,859	710,862	4,712	4,243
36	14	97 809	10 134,243	149 858,024	14,787	14,319	86	64	28 210	125,412	560,003	4,465	3,997
37	15	97 712	9 506,309	139 723,782	14,698	14,229	87	65	24 617	102,759	434,591	4,229	3,760
38	16	97 607	8 916,520	130 217,473	14,604	14,135	88	66	21 121	82,786	331,832	4,008	3,540
39	17	97 485	8 361,829	121 300,953	14,507	14,038	89	67	17 835	65,638	249,046	3,794	3,325
40	18	97 357	7 841,211	112 939,124	14,403	13,935	90	68	14 716	50,854	183,408	3,607	3,138
41	19	97 210	7 351,515	105 097,913	14,296	13,827	91	69	12 008	38,965	132,553	3,402	2,933
42	20	97 057	6 891,953	97 746,398	14,183	13,714	92	70	9 507	28,965	93,588	3,231	2,762
43	21	96 887	6 459,986	90 854,444	14,064	13,595	93	71	7 364	21,066	64,624	3,068	2,599
44	22	96 694	6 053,631	84 394,458	13,941	13,472	94	72	5 563	14,943	43,558	2,915	2,446
45	23	96 480	5 671,580	78 340,827	13,813	13,344	95	73	4 092	10,322	28,615	2,772	2,303
46	24	96 244	5 312,417	72 669,247	13,679	13,210	96	74	2 927	6,932	18,292	2,639	2,170
47	25	95 987	4 974,841	67 356,830	13,539	13,071	97	75	2 032	4,518	11,360	2,515	2,046
48	26	95 688	4 656,703	62 381,990	13,396	12,927	98	76	1 366	2,852	6,842	2,399	1,931
49	27	95 359	4 357,436	57 725,287	13,248	12,779	99	77	888	1,741	3,990	2,292	1,823
							100	78	557	1,026	2,249	2,192	1,723

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß   6,50%

| Mann | Frau | | | | | | Mann | Frau | | | | | |
x	y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$	x	y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$
0							50	27	95 017	4 076,826	53 417,173	13,103	12,634
1							51	28	94 612	3 811,666	49 340,347	12,945	12,476
2							52	29	94 140	3 561,196	45 528,681	12,785	12,316
3							53	30	93 642	3 326,152	41 967,485	12,617	12,149
4							54	31	93 099	3 105,029	38 641,333	12,445	11,976
5							55	32	92 494	2 896,590	35 536,304	12,268	11,800
6							56	33	91 836	2 700,443	32 639,714	12,087	11,618
7							57	34	91 133	2 516,224	29 939,271	11,898	11,430
8							58	35	90 362	2 342,648	27 423,047	11,706	11,237
9							59	36	89 531	2 179,458	25 080,399	11,508	11,039
10							60	37	88 635	2 025,947	22 900,941	11,304	10,835
11							61	38	87 667	1 881,524	20 874,994	11,095	10,626
12							62	39	86 640	1 745,992	18 993,470	10,878	10,410
13							63	40	85 545	1 618,703	17 247,478	10,655	10,186
14							64	41	84 403	1 499,632	15 628,775	10,422	9,953
15							65	42	83 147	1 387,144	14 129,143	10,186	9,717
16							66	43	81 822	1 281,727	12 741,999	9,941	9,473
17							67	44	80 386	1 182,380	11 460,272	9,693	9,224
18							68	45	78 860	1 089,141	10 277,892	9,437	8,968
19							69	46	77 252	1 001,812	9 188,751	9,172	8,703
20							70	47	75 527	919,670	8 186,939	8,902	8,433
21							71	48	73 687	842,499	7 267,269	8,626	8,157
22							72	49	71 723	769,995	6 424,770	8,344	7,875
23	0	99 101	23 283,013	361 797,412	15,539	15,070	73	50	69 635	701,953	5 654,775	8,056	7,587
24	1	98 737	21 781,667	338 514,399	15,541	15,073	74	51	67 408	638,028	4 952,822	7,763	7,294
25	2	98 656	20 435,430	316 732,732	15,499	15,030	75	52	64 966	577,382	4 314,794	7,473	7,004
26	3	98 587	19 174,799	296 297,302	15,452	14,984	76	53	62 362	520,413	3 737,412	7,182	6,713
27	4	98 519	17 992,034	277 122,503	15,403	14,934	77	54	59 587	466,906	3 216,999	6,890	6,421
28	5	98 445	16 881,223	259 130,469	15,350	14,881	78	55	56 620	416,582	2 750,093	6,602	6,133
29	6	98 376	15 839,788	242 249,246	15,294	14,825	79	56	53 439	369,183	2 333,511	6,321	5,852
30	7	98 302	14 861,965	226 409,458	15,234	14,765	80	57	50 104	325,018	1 964,327	6,044	5,575
31	8	98 231	13 944,770	211 547,493	15,170	14,702	81	58	46 658	284,188	1 639,309	5,768	5,300
32	9	98 154	13 083,372	197 602,722	15,103	14,635	82	59	43 068	246,312	1 355,120	5,502	5,033
33	10	98 075	12 274,979	184 519,350	15,032	14,563	83	60	39 421	211,696	1 108,809	5,238	4,769
34	11	97 993	11 516,186	172 244,372	14,957	14,488	84	61	35 762	180,325	897,113	4,975	4,506
35	12	97 908	10 803,880	160 728,185	14,877	14,408	85	62	32 065	151,816	716,788	4,721	4,253
36	13	97 817	10 135,151	149 924,306	14,793	14,324	86	63	28 402	126,263	564,971	4,475	4,006
37	14	97 722	9 507,339	139 789,155	14,703	14,235	87	64	24 799	103,520	438,708	4,238	3,769
38	15	97 619	8 917,642	130 281,816	14,609	14,141	88	65	21 288	83,438	335,189	4,017	3,548
39	16	97 500	8 363,116	121 364,174	14,512	14,043	89	66	17 989	66,205	251,751	3,803	3,334
40	17	97 373	7 842,470	113 001,058	14,409	13,940	90	67	14 852	51,323	185,546	3,615	3,147
41	18	97 232	7 353,194	105 158,588	14,301	13,832	91	68	12 126	39,347	134,223	3,411	2,943
42	19	97 077	6 893,377	97 805,394	14,188	13,720	92	69	9 609	29,276	94,876	3,241	2,772
43	20	96 908	6 461,421	90 912,017	14,070	13,601	93	70	7 450	21,313	65,601	3,078	2,609
44	21	96 714	6 054,898	84 450,596	13,947	13,479	94	71	5 636	15,138	44,288	2,926	2,457
45	22	96 501	5 672,852	78 395,698	13,819	13,351	95	72	4 153	10,474	29,149	2,783	2,314
46	23	96 266	5 313,631	72 722,845	13,686	13,217	96	73	2 975	7,047	18,676	2,650	2,181
47	24	96 006	4 975,846	67 409,214	13,547	13,079	97	74	2 070	4,603	11,629	2,526	2,057
48	25	95 710	4 657,728	62 433,368	13,404	12,936	98	75	1 396	2,914	7,025	2,411	1,942
49	26	95 382	4 358,467	57 775,640	13,256	12,787	99	76	910	1,785	4,111	2,303	1,835
							100	77	573	1,056	2,326	2,204	1,735

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß   6,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	26	95 040	4 077,791	53 462,293	13,111	12,642
1							51	27	94 637	3 812,690	49 384,502	12,953	12,484
2							52	28	94 164	3 562,097	45 571,812	12,794	12,325
3							53	29	93 669	3 327,107	42 009,715	12,627	12,158
4							54	30	93 125	3 105,908	38 682,608	12,455	11,986
5							55	31	92 522	2 897,465	35 576,700	12,279	11,810
6							56	32	91 869	2 701,400	32 679,235	12,097	11,628
7							57	33	91 167	2 517,144	29 977,834	11,909	11,441
8							58	34	90 400	2 343,644	27 460,690	11,717	11,248
9							59	35	89 567	2 180,325	25 117,047	11,520	11,051
10							60	36	88 677	2 026,910	22 936,721	11,316	10,847
11							61	37	87 714	1 882,529	20 909,811	11,107	10,639
12							62	38	86 688	1 746,964	19 027,282	10,892	10,423
13							63	39	85 601	1 619,774	17 280,318	10,668	10,200
14							64	40	84 463	1 500,692	15 660,543	10,436	9,967
15							65	41	83 214	1 388,257	14 159,851	10,200	9,731
16							66	42	81 895	1 282,869	12 771,595	9,955	9,487
17							67	43	80 468	1 183,592	11 488,726	9,707	9,238
18							68	44	78 949	1 090,365	10 305,134	9,451	8,982
19							69	45	77 350	1 003,085	9 214,768	9,186	8,718
20							70	46	75 634	920,968	8 211,684	8,916	8,448
21							71	47	73 808	843,879	7 290,715	8,640	8,171
22							72	48	71 850	771,359	6 446,836	8,358	7,889
23							73	49	69 779	703,400	5 675,477	8,069	7,600
24	0	99 050	21 850,555	338 664,011	15,499	15,030	74	50	67 557	639,437	4 972,077	7,776	7,307
25	1	98 682	20 440,825	316 813,456	15,499	15,030	75	51	65 125	578,798	4 332,640	7,486	7,017
26	2	98 602	19 177,655	296 372,631	15,454	14,985	76	52	62 533	521,846	3 753,842	7,193	6,725
27	3	98 530	17 994,045	277 194,976	15,405	14,936	77	53	59 766	468,314	3 231,997	6,901	6,433
28	4	98 457	16 883,236	259 200,931	15,353	14,884	78	54	56 801	417,916	2 763,682	6,613	6,144
29	5	98 386	15 841,389	242 317,696	15,296	14,828	79	55	53 629	370,496	2 345,767	6,331	5,863
30	6	98 311	14 863,260	226 476,307	15,237	14,769	80	56	50 294	326,249	1 975,271	6,054	5,586
31	7	98 240	13 945,967	211 613,047	15,174	14,705	81	57	46 845	285,329	1 649,021	5,779	5,311
32	8	98 161	13 084,336	197 667,080	15,107	14,638	82	58	43 259	247,403	1 363,693	5,512	5,043
33	9	98 082	12 275,826	184 582,744	15,036	14,568	83	59	39 608	212,700	1 116,289	5,248	4,779
34	10	98 000	11 517,004	172 306,919	14,961	14,492	84	60	35 956	181,302	903,589	4,984	4,515
35	11	97 915	10 804,744	160 789,915	14,881	14,413	85	61	32 251	152,694	722,287	4,730	4,262
36	12	97 825	10 135,967	149 985,171	14,797	14,329	86	62	28 582	127,065	569,593	4,483	4,014
37	13	97 731	9 508,191	139 849,205	14,708	14,240	87	63	24 967	104,222	442,528	4,246	3,777
38	14	97 630	8 918,608	130 341,014	14,615	14,146	88	64	21 445	84,055	338,307	4,025	3,556
39	15	97 512	8 364,168	121 422,406	14,517	14,048	89	65	18 130	66,726	254,251	3,810	3,342
40	16	97 388	7 843,677	113 058,237	14,414	13,945	90	66	14 980	51,766	187,525	3,623	3,154
41	17	97 248	7 354,375	105 214,561	14,306	13,838	91	67	12 238	39,709	135,759	3,419	2,950
42	18	97 099	6 894,952	97 860,186	14,193	13,724	92	68	9 703	29,563	96,050	3,249	2,780
43	19	96 928	6 462,755	90 965,234	14,075	13,607	93	69	7 530	21,542	66,487	3,086	2,618
44	20	96 736	6 056,243	84 502,479	13,953	13,484	94	70	5 702	15,316	44,945	2,935	2,466
45	21	96 522	5 674,040	78 446,236	13,825	13,357	95	71	4 207	10,610	29,629	2,792	2,324
46	22	96 288	5 314,824	72 772,196	13,692	13,224	96	72	3 019	7,150	19,019	2,660	2,191
47	23	96 028	4 976,984	67 457,372	13,554	13,085	97	73	2 104	4,680	11,869	2,536	2,067
48	24	95 729	4 658,669	62 480,388	13,412	12,943	98	74	1 422	2,970	7,189	2,421	1,952
49	25	95 403	4 359,426	57 821,719	13,264	12,795	99	75	930	1,824	4,219	2,313	1,845
							100	76	588	1,082	2,395	2,214	1,745

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß   6,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	25	95 061	4 078,688	53 503,573	13,118	12,649
1							51	26	94 660	3 813,593	49 424,885	12,960	12,491
2							52	27	94 189	3 563,054	45 611,292	12,801	12,332
3							53	28	93 693	3 327,948	42 048,238	12,635	12,166
4							54	29	93 152	3 106,800	38 720,290	12,463	11,994
5							55	30	92 549	2 898,285	35 613,490	12,288	11,819
6							56	31	91 896	2 702,216	32 715,204	12,107	11,638
7							57	32	91 199	2 518,037	30 012,988	11,919	11,450
8							58	33	90 433	2 344,501	27 494,951	11,727	11,259
9							59	34	89 605	2 181,252	25 150,450	11,530	11,062
10							60	35	88 712	2 027,717	22 969,199	11,328	10,859
11							61	36	87 755	1 883,424	20 941,482	11,119	10,650
12							62	37	86 734	1 747,897	19 058,058	10,903	10,435
13							63	38	85 649	1 620,677	17 310,161	10,681	10,212
14							64	39	84 519	1 501,685	15 689,484	10,448	9,979
15							65	40	83 272	1 389,238	14 187,799	10,213	9,744
16							66	41	81 960	1 283,898	12 798,561	9,969	9,500
17							67	42	80 540	1 184,647	11 514,663	9,720	9,251
18							68	43	79 030	1 091,483	10 330,017	9,464	8,995
19							69	44	77 437	1 004,213	9 238,533	9,200	8,731
20							70	45	75 730	922,139	8 234,321	8,930	8,461
21							71	46	73 912	845,070	7 312,182	8,653	8,184
22							72	47	71 968	772,622	6 467,112	8,370	7,902
23							73	48	69 903	704,647	5 694,490	8,081	7,613
24							74	49	67 696	640,755	4 989,843	7,787	7,319
25	0	98 994	20 505,473	316 951,878	15,457	14,988	75	50	65 269	580,076	4 349,088	7,497	7,029
26	1	98 628	19 182,719	296 446,406	15,454	14,985	76	51	62 687	523,126	3 769,013	7,205	6,736
27	2	98 545	17 996,725	277 263,687	15,406	14,938	77	52	59 931	469,604	3 245,887	6,912	6,443
28	3	98 468	16 885,122	259 266,962	15,355	14,886	78	53	56 973	419,176	2 776,283	6,623	6,154
29	4	98 397	15 843,277	242 381,840	15,299	14,830	79	54	53 801	371,682	2 357,107	6,342	5,873
30	5	98 321	14 864,762	226 538,563	15,240	14,771	80	55	50 473	327,409	1 985,425	6,064	5,595
31	6	98 248	13 947,182	211 673,801	15,177	14,708	81	56	47 022	286,409	1 658,016	5,789	5,320
32	7	98 169	13 085,459	197 726,619	15,110	14,642	82	57	43 432	248,396	1 371,607	5,522	5,053
33	8	98 089	12 276,730	184 641,160	15,040	14,571	83	58	39 784	213,643	1 123,211	5,257	4,789
34	9	98 007	11 517,798	172 364,430	14,965	14,496	84	59	36 127	182,163	909,568	4,993	4,524
35	10	97 922	10 805,511	160 846,632	14,886	14,417	85	60	32 425	153,521	727,405	4,738	4,269
36	11	97 833	10 136,777	150 041,121	14,802	14,333	86	61	28 747	127,799	573,884	4,491	4,022
37	12	97 739	9 508,956	139 904,344	14,713	14,244	87	62	25 126	104,883	446,085	4,253	3,784
38	13	97 638	8 919,407	130 395,388	14,619	14,151	88	63	21 591	84,626	341,202	4,032	3,563
39	14	97 522	8 365,075	121 475,981	14,522	14,053	89	64	18 265	67,220	256,576	3,817	3,348
40	15	97 400	7 844,663	113 110,906	14,419	13,950	90	65	15 098	52,173	189,356	3,629	3,161
41	16	97 263	7 355,506	105 266,242	14,311	13,842	91	66	12 344	40,052	137,183	3,425	2,956
42	17	97 115	6 896,059	97 910,736	14,198	13,729	92	67	9 793	29,835	97,131	3,256	2,787
43	18	96 951	6 464,232	91 014,677	14,080	13,611	93	68	7 604	21,753	67,295	3,094	2,625
44	19	96 756	6 057,494	84 550,445	13,958	13,489	94	69	5 763	15,481	45,542	2,942	2,473
45	20	96 543	5 675,300	78 492,952	13,831	13,362	95	70	4 256	10,735	30,062	2,800	2,332
46	21	96 308	5 315,936	72 817,652	13,698	13,229	96	71	3 059	7,244	19,327	2,668	2,199
47	22	96 050	4 978,101	67 501,715	13,560	13,091	97	72	2 135	4,748	12,083	2,545	2,076
48	23	95 751	4 659,734	62 523,615	13,418	12,949	98	73	1 446	3,019	7,335	2,430	1,961
49	24	95 422	4 360,308	57 863,880	13,271	12,802	99	74	948	1,858	4,316	2,323	1,854
							100	75	601	1,106	2,458	2,223	1,754

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß   6,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	0	100 000	100 000,000	1 546 673,166	15,467	14,998	50	50	93 336	3 561,663	43 330,836	12,166	11,697
1	1	99 299	93 020,299	1 446 673,166	15,552	15,083	51	51	92 757	3 315,783	39 769,173	11,994	11,525
2	2	99 240	87 086,946	1 353 652,867	15,544	15,075	52	52	92 093	3 083,861	36 453,390	11,821	11,352
3	3	99 207	81 552,731	1 266 565,921	15,531	15,062	53	53	91 380	2 866,510	33 369,529	11,641	11,172
4	4	99 182	76 376,843	1 185 013,189	15,515	15,046	54	54	90 602	2 662,404	30 503,020	11,457	10,988
5	5	99 157	71 529,367	1 108 636,346	15,499	15,030	55	55	89 754	2 470,700	27 840,616	11,268	10,799
6	6	99 136	66 992,421	1 037 106,980	15,481	15,012	56	56	88 831	2 290,668	25 369,916	11,075	10,606
7	7	99 117	62 744,271	970 114,558	15,461	14,992	57	57	87 851	2 122,148	23 079,247	10,875	10,406
8	8	99 101	58 766,948	907 370,287	15,440	14,971	58	58	86 796	1 964,086	20 957,099	10,670	10,201
9	9	99 085	55 042,366	848 603,339	15,417	14,948	59	59	85 653	1 815,666	18 993,013	10,461	9,992
10	10	99 070	51 554,329	793 560,973	15,393	14,924	60	60	84 435	1 676,672	17 177,347	10,245	9,776
11	11	99 055	48 286,710	742 006,644	15,367	14,898	61	61	83 107	1 545,954	15 500,675	10,027	9,557
12	12	99 038	45 225,953	693 719,934	15,339	14,870	62	62	81 707	1 423,802	13 954,721	9,801	9,332
13	13	99 019	42 358,108	648 493,981	15,310	14,841	63	63	80 218	1 309,470	12 530,919	9,569	9,100
14	14	98 999	39 671,772	606 135,873	15,279	14,810	64	64	78 670	1 203,000	11 221,449	9,328	8,859
15	15	98 974	37 153,647	566 464,100	15,247	14,777	65	65	76 991	1 102,881	10 018,449	9,084	8,615
16	16	98 944	34 793,780	529 310,453	15,213	14,744	66	66	75 240	1 009,639	8 915,568	8,830	8,361
17	17	98 903	32 580,227	494 516,673	15,178	14,709	67	67	73 362	922,196	7 905,929	8,573	8,104
18	18	98 853	30 504,883	461 936,447	15,143	14,674	68	68	71 392	840,689	6 983,733	8,307	7,838
19	19	98 783	28 555,720	431 431,564	15,108	14,639	69	69	69 345	764,950	6 143,043	8,031	7,562
20	20	98 714	26 731,494	402 875,844	15,071	14,602	70	70	67 172	694,122	5 378,093	7,748	7,279
21	21	98 639	25 022,187	376 144,349	15,032	14,563	71	71	64 881	628,053	4 683,971	7,458	6,989
22	22	98 566	23 422,418	351 122,162	14,991	14,522	72	72	62 449	566,286	4 055,918	7,162	6,693
23	23	98 491	21 924,797	327 699,744	14,947	14,477	73	73	59 876	508,627	3 489,632	6,861	6,392
24	24	98 417	20 523,022	305 774,947	14,899	14,430	74	74	57 144	454,726	2 981,005	6,556	6,086
25	25	98 342	19 210,671	285 251,926	14,849	14,379	75	75	54 182	403,889	2 526,279	6,255	5,786
26	26	98 266	17 982,102	266 041,254	14,795	14,326	76	76	51 034	356,371	2 122,390	5,956	5,486
27	27	98 186	16 831,288	248 059,153	14,738	14,269	77	77	47 712	312,107	1 766,019	5,658	5,189
28	28	98 098	15 752,802	231 227,865	14,679	14,209	78	78	44 221	270,978	1 453,912	5,365	4,896
29	29	98 014	14 744,126	215 475,063	14,614	14,145	79	79	40 542	232,725	1 182,934	5,083	4,614
30	30	97 921	13 798,785	200 730,937	14,547	14,078	80	80	36 771	197,730	950,209	4,806	4,336
31	31	97 831	12 914,335	186 932,152	14,475	14,006	81	81	32 943	165,944	752,480	4,535	4,065
32	32	97 732	12 085,451	174 017,818	14,399	13,930	82	82	29 089	137,267	586,535	4,273	3,804
33	33	97 625	11 308,933	161 932,366	14,319	13,850	83	83	25 277	111,737	449,268	4,021	3,552
34	34	97 515	10 581,892	150 623,433	14,234	13,765	84	84	21 610	89,484	337,531	3,772	3,303
35	35	97 396	9 900,709	140 041,541	14,145	13,675	85	85	18 078	70,128	248,047	3,537	3,068
36	36	97 276	9 263,192	130 140,832	14,049	13,580	86	86	14 781	53,711	177,919	3,313	2,843
37	37	97 144	8 665,700	120 877,640	13,949	13,480	87	87	11 769	40,064	124,208	3,100	2,631
38	38	97 000	8 105,721	112 211,940	13,844	13,374	88	88	9 075	28,940	84,145	2,908	2,438
39	39	96 839	7 580,612	104 106,220	13,733	13,264	89	89	6 784	20,266	55,205	2,724	2,255
40	40	96 664	7 088,431	96 525,608	13,617	13,148	90	90	4 850	13,572	34,939	2,574	2,105
41	41	96 472	6 627,015	89 437,176	13,496	13,027	91	91	3 378	8,854	21,368	2,413	1,944
42	42	96 263	6 194,506	82 810,161	13,368	12,899	92	92	2 223	5,458	12,513	2,293	1,824
43	43	96 030	5 788,784	76 615,656	13,235	12,766	93	93	1 412	3,248	7,056	2,172	1,703
44	44	95 760	5 407,536	70 826,872	13,098	12,629	94	94	857	1,846	3,807	2,062	1,593
45	45	95 463	5 049,851	65 419,337	12,955	12,486	95	95	495	0,999	1,961	1,962	1,493
46	46	95 130	4 714,071	60 369,486	12,806	12,337	96	96	272	0,514	0,962	1,871	1,402
47	47	94 761	4 398,861	55 655,415	12,652	12,183	97	97	141	0,250	0,448	1,789	1,320
48	48	94 333	4 102,099	51 256,553	12,495	12,026	98	98	69	0,115	0,197	1,714	1,245
49	49	93 864	3 823,618	47 154,454	12,332	11,863	99	99	32	0,050	0,082	1,646	1,177
							100	100	14	0,020	0,032	1,584	1,115

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß   6,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	1	99 685	99 684,731	1 545 754,426	15,506	15,037	50	51	93 130	3 553,816	43 010,268	12,103	11,633
1	2	99 273	92 995,745	1 446 069,694	15,550	15,081	51	52	92 530	3 307,670	39 456,452	11,929	11,460
2	3	99 226	87 073,976	1 353 073,950	15,539	15,070	52	53	91 840	3 075,394	36 148,781	11,754	11,285
3	4	99 196	81 543,619	1 265 999,974	15,525	15,056	53	54	91 105	2 857,891	33 073,387	11,573	11,104
4	5	99 170	76 367,740	1 184 456,355	15,510	15,041	54	55	90 313	2 653,908	30 215,496	11,385	10,916
5	6	99 147	71 522,137	1 108 088,614	15,493	15,024	55	56	89 436	2 461,946	27 561,588	11,195	10,726
6	7	99 128	66 986,587	1 036 566,477	15,474	15,005	56	57	88 496	2 282,027	25 099,642	10,999	10,530
7	8	99 109	62 738,886	969 579,890	15,454	14,985	57	58	87 500	2 113,667	22 817,614	10,795	10,326
8	9	99 093	58 762,620	906 841,004	15,432	14,963	58	59	86 413	1 955,420	20 703,948	10,588	10,119
9	10	99 078	55 038,569	848 078,384	15,409	14,940	59	60	85 248	1 807,093	18 748,528	10,375	9,906
10	11	99 063	51 550,670	793 039,815	15,384	14,915	60	61	83 980	1 667,636	16 941,435	10,159	9,690
11	12	99 047	48 282,849	741 489,145	15,357	14,888	61	62	82 629	1 537,070	15 273,799	9,937	9,468
12	13	99 030	45 222,313	693 206,296	15,329	14,860	62	63	81 191	1 414,821	13 736,729	9,709	9,240
13	14	99 010	42 354,314	647 983,984	15,299	14,830	63	64	79 678	1 300,647	12 321,908	9,474	9,005
14	15	98 989	39 667,472	605 629,670	15,268	14,799	64	65	78 092	1 194,159	11 021,261	9,229	8,760
15	16	98 961	37 148,974	565 962,198	15,235	14,766	65	66	76 390	1 094,268	9 827,103	8,981	8,511
16	17	98 928	34 788,426	528 813,224	15,201	14,732	66	67	74 596	1 001,002	8 732,835	8,724	8,255
17	18	98 887	32 574,998	494 024,798	15,166	14,697	67	68	72 692	913,774	7 731,833	8,461	7,992
18	19	98 831	30 497,915	461 449,799	15,131	14,661	68	69	70 699	832,526	6 818,058	8,190	7,720
19	20	98 763	28 549,822	430 951,884	15,095	14,626	69	70	68 609	756,825	5 985,532	7,909	7,440
20	21	98 693	26 725,560	402 402,062	15,057	14,588	70	71	66 392	686,067	5 228,707	7,621	7,152
21	22	98 619	25 016,951	375 676,502	15,017	14,548	71	72	64 045	619,965	4 542,640	7,327	6,858
22	23	98 543	23 417,164	350 659,551	14,974	14,505	72	73	61 545	558,088	3 922,675	7,029	6,560
23	24	98 469	21 919,785	327 242,387	14,929	14,460	73	74	58 903	500,356	3 364,587	6,724	6,255
24	25	98 397	20 518,873	305 322,603	14,880	14,411	74	75	56 081	446,265	2 864,231	6,418	5,949
25	26	98 321	19 206,445	284 803,729	14,829	14,359	75	76	53 019	395,222	2 417,966	6,118	5,649
26	27	98 243	17 977,846	265 597,284	14,774	14,304	76	77	49 784	347,642	2 022,744	5,818	5,349
27	28	98 160	16 826,766	247 619,438	14,716	14,247	77	78	46 390	303,454	1 675,102	5,520	5,051
28	29	98 073	15 748,818	230 792,672	14,655	14,185	78	79	42 803	262,288	1 371,648	5,230	4,760
29	30	97 986	14 739,896	215 043,854	14,589	14,120	79	80	39 070	224,276	1 109,360	4,946	4,477
30	31	97 894	13 794,879	200 303,958	14,520	14,051	80	81	35 235	189,471	885,084	4,671	4,202
31	32	97 801	12 910,434	186 509,079	14,446	13,977	81	82	31 375	158,047	695,613	4,401	3,932
32	33	97 697	12 081,167	173 598,645	14,369	13,900	82	83	27 485	129,698	537,565	4,145	3,676
33	34	97 589	11 304,798	161 517,477	14,288	13,818	83	84	23 692	104,730	407,868	3,894	3,425
34	35	97 474	10 577,397	150 212,679	14,201	13,732	84	85	20 047	83,013	303,138	3,652	3,183
35	36	97 358	9 896,771	139 635,282	14,109	13,640	85	86	16 582	64,324	220,125	3,422	2,953
36	37	97 230	9 258,790	129 738,511	14,012	13,543	86	87	13 388	48,650	155,801	3,202	2,733
37	38	97 092	8 661,075	120 479,721	13,910	13,441	87	88	10 495	35,725	107,151	2,999	2,530
38	39	96 946	8 101,208	111 818,646	13,803	13,334	88	89	7 966	25,401	71,426	2,812	2,343
39	40	96 775	7 575,597	103 717,438	13,691	13,222	89	90	5 824	17,398	46,025	2,645	2,176
40	41	96 596	7 083,425	96 141,841	13,573	13,104	90	91	4 099	11,471	28,627	2,496	2,027
41	42	96 395	6 621,703	89 058,415	13,449	12,980	91	92	2 778	7,281	17,156	2,356	1,887
42	43	96 177	6 188,992	82 436,712	13,320	12,851	92	93	1 802	4,425	9,875	2,232	1,763
43	44	95 932	5 782,856	76 247,720	13,185	12,716	93	94	1 119	2,575	5,450	2,116	1,647
44	45	95 653	5 401,462	70 464,864	13,046	12,576	94	95	663	1,429	2,875	2,012	1,543
45	46	95 341	5 043,442	65 063,402	12,901	12,431	95	96	374	0,754	1,446	1,916	1,447
46	47	94 996	4 707,428	60 019,960	12,750	12,281	96	97	200	0,378	0,691	1,830	1,361
47	48	94 606	4 391,669	55 312,532	12,595	12,126	97	98	101	0,179	0,314	1,751	1,282
48	49	94 166	4 094,845	50 920,863	12,435	11,966	98	99	48	0,080	0,134	1,680	1,210
49	50	93 671	3 815,750	46 826,018	12,272	11,803	99	100	22	0,034	0,054	1,615	1,145

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß   6,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	2	99 658	99 658,418	1 545 097,063	15,504	15,035	50	52	92 902	3 545,121	42 663,640	12,034	11,565
1	3	99 258	92 981,894	1 445 438,645	15,545	15,076	51	53	92 276	3 298,589	39 118,519	11,859	11,390
2	4	99 215	87 064,247	1 352 456,751	15,534	15,065	52	54	91 564	3 066,148	35 819,930	11,682	11,213
3	5	99 184	81 533,901	1 265 392,505	15,520	15,051	53	55	90 815	2 848,771	32 753,782	11,498	11,028
4	6	99 160	76 360,022	1 183 858,604	15,504	15,035	54	56	89 993	2 644,505	29 905,011	11,308	10,839
5	7	99 138	71 515,908	1 107 498,582	15,486	15,017	55	57	89 099	2 452,659	27 260,506	11,115	10,646
6	8	99 119	66 980,838	1 035 982,674	15,467	14,998	56	58	88 142	2 272,907	24 807,847	10,915	10,445
7	9	99 101	62 734,266	969 001,836	15,446	14,977	57	59	87 113	2 104,341	22 534,940	10,709	10,240
8	10	99 086	58 758,566	906 267,570	15,424	14,954	58	60	86 005	1 946,187	20 430,599	10,498	10,029
9	11	99 071	55 034,663	847 509,004	15,400	14,930	59	61	84 789	1 797,353	18 484,413	10,284	9,815
10	12	99 055	51 546,548	792 474,342	15,374	14,905	60	62	83 497	1 658,052	16 687,059	10,064	9,595
11	13	99 039	48 278,962	740 927,794	15,347	14,878	61	63	82 108	1 527,375	15 029,007	9,840	9,371
12	14	99 021	45 218,262	692 648,832	15,318	14,849	62	64	80 644	1 405,288	13 501,632	9,608	9,139
13	15	99 000	42 349,723	647 430,570	15,288	14,819	63	65	79 092	1 291,088	12 096,344	9,369	8,900
14	16	98 976	39 662,483	605 080,847	15,256	14,787	64	66	77 482	1 184,832	10 805,256	9,120	8,651
15	17	98 946	37 143,257	565 418,364	15,223	14,754	65	67	75 736	1 084,907	9 620,424	8,868	8,398
16	18	98 913	34 782,844	528 275,107	15,188	14,719	66	68	73 915	991,861	8 535,516	8,606	8,136
17	19	98 864	32 567,558	493 492,263	15,153	14,684	67	69	71 986	904,901	7 543,656	8,336	7,867
18	20	98 810	30 491,616	460 924,705	15,116	14,647	68	70	69 948	823,683	6 638,755	8,060	7,591
19	21	98 741	28 543,484	430 433,089	15,080	14,611	69	71	67 813	748,042	5 815,071	7,774	7,305
20	22	98 672	26 719,967	401 889,605	15,041	14,572	70	72	65 537	677,232	5 067,029	7,482	7,013
21	23	98 597	25 011,339	375 169,638	15,000	14,531	71	73	63 118	610,990	4 389,797	7,185	6,716
22	24	98 521	23 411,811	350 158,299	14,956	14,487	72	74	60 544	549,013	3 778,807	6,883	6,414
23	25	98 449	21 915,354	326 746,488	14,909	14,440	73	75	57 807	491,045	3 229,794	6,577	6,108
24	26	98 376	20 514,359	304 831,134	14,859	14,390	74	76	54 878	436,689	2 738,749	6,272	5,802
25	27	98 297	19 201,900	284 316,775	14,807	14,338	75	77	51 721	385,542	2 302,060	5,971	5,502
26	28	98 217	17 973,016	265 114,875	14,751	14,282	76	78	48 404	338,004	1 916,518	5,670	5,201
27	29	98 135	16 822,511	247 141,859	14,691	14,222	77	79	44 902	293,723	1 578,514	5,374	4,905
28	30	98 045	15 744,300	230 319,347	14,629	14,160	78	80	41 249	252,766	1 284,791	5,083	4,614
29	31	97 958	14 735,724	214 575,048	14,562	14,092	79	81	37 438	214,909	1 032,025	4,802	4,333
30	32	97 864	13 790,713	199 839,324	14,491	14,022	80	82	33 558	180,454	817,116	4,528	4,059
31	33	97 767	12 905,858	186 048,611	14,416	13,947	81	83	29 645	149,332	636,662	4,263	3,794
32	34	97 661	12 076,750	173 142,753	14,337	13,868	82	84	25 762	121,564	487,330	4,009	3,540
33	35	97 548	11 299,996	161 066,003	14,254	13,785	83	85	21 979	97,156	365,766	3,765	3,296
34	36	97 435	10 573,189	149 766,007	14,165	13,696	84	86	18 388	76,143	268,610	3,528	3,059
35	37	97 311	9 892,068	139 192,818	14,071	13,602	85	87	15 020	58,264	192,467	3,303	2,834
36	38	97 178	9 253,849	129 300,750	13,973	13,504	86	88	11 938	43,382	134,203	3,094	2,624
37	39	97 038	8 656,253	120 046,901	13,868	13,399	87	89	9 211	31,356	90,822	2,896	2,427
38	40	96 882	8 095,849	111 390,647	13,759	13,290	88	90	6 838	21,806	59,465	2,727	2,258
39	41	96 707	7 570,247	103 294,799	13,645	13,176	89	91	4 923	14,705	37,659	2,561	2,092
40	42	96 518	7 077,748	95 724,552	13,525	13,056	90	92	3 371	9,433	22,954	2,434	1,964
41	43	96 309	6 615,809	88 646,804	13,399	12,930	91	93	2 252	5,903	13,522	2,291	1,821
42	44	96 078	6 182,655	82 030,994	13,268	12,799	92	94	1 429	3,508	7,619	2,172	1,703
43	45	95 824	5 776,361	75 848,340	13,131	12,662	93	95	867	1,993	4,111	2,062	1,593
44	46	95 532	5 394,606	70 071,978	12,989	12,520	94	96	501	1,079	2,117	1,962	1,493
45	47	95 207	5 036,335	64 677,372	12,842	12,373	95	97	275	0,555	1,038	1,871	1,402
46	48	94 841	4 699,731	59 641,037	12,690	12,221	96	98	143	0,270	0,483	1,789	1,320
47	49	94 439	4 383,902	54 941,306	12,533	12,063	97	99	70	0,124	0,213	1,714	1,245
48	50	93 973	4 086,419	50 557,404	12,372	11,903	98	100	33	0,054	0,089	1,646	1,177
49	51	93 465	3 807,344	46 470,984	12,206	11,736							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß   6,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	3	99 644	99 643,575	1 544 409,681	15,499	15,030	50	53	92 647	3 535,388	42 289,498	11,962	11,493
1	4	99 247	92 971,505	1 444 766,106	15,540	15,071	51	54	91 999	3 288,672	38 754,110	11,784	11,315
2	5	99 203	87 053,870	1 351 794,601	15,528	15,059	52	55	91 271	3 056,363	35 465,438	11,604	11,135
3	6	99 174	81 525,660	1 264 740,731	15,513	15,044	53	56	90 493	2 838,677	32 409,075	11,417	10,948
4	7	99 152	76 353,371	1 183 215,071	15,497	15,027	54	57	89 654	2 634,529	29 570,397	11,224	10,755
5	8	99 130	71 509,770	1 106 861,700	15,478	15,009	55	58	88 742	2 442,857	26 935,868	11,026	10,557
6	9	99 112	66 975,905	1 035 351,929	15,459	14,989	56	59	87 753	2 262,878	24 493,011	10,824	10,355
7	10	99 095	62 729,938	968 376,024	15,437	14,968	57	60	86 702	2 094,404	22 230,133	10,614	10,145
8	11	99 079	58 754,396	905 646,086	15,414	14,945	58	61	85 541	1 935,698	20 135,729	10,402	9,933
9	12	99 063	55 030,262	846 891,690	15,390	14,920	59	62	84 302	1 787,025	18 200,031	10,185	9,715
10	13	99 047	51 542,398	791 861,429	15,363	14,894	60	63	82 970	1 647,594	16 413,007	9,962	9,493
11	14	99 030	48 274,637	740 319,030	15,336	14,866	61	64	81 555	1 517,083	14 765,413	9,733	9,264
12	15	99 011	45 213,361	692 044,393	15,306	14,837	62	65	80 052	1 394,960	13 248,329	9,497	9,028
13	16	98 987	42 344,396	646 831,032	15,275	14,806	63	66	78 474	1 281,005	11 853,369	9,253	8,784
14	17	98 961	39 656,380	604 486,636	15,243	14,774	64	67	76 819	1 174,697	10 572,364	9,000	8,531
15	18	98 930	37 137,297	564 830,256	15,209	14,740	65	68	75 045	1 075,000	9 397,667	8,742	8,273
16	19	98 890	34 774,899	527 692,959	15,175	14,705	66	69	73 197	982,229	8 322,668	8,473	8,004
17	20	98 844	32 560,831	492 918,061	15,138	14,669	67	70	71 222	895,290	7 340,439	8,199	7,730
18	21	98 788	30 484,847	460 357,229	15,101	14,632	68	71	69 136	814,125	6 445,149	7,917	7,448
19	22	98 720	28 537,511	429 872,382	15,063	14,594	69	72	66 939	738,410	5 631,025	7,626	7,157
20	23	98 650	26 713,973	401 334,871	15,023	14,554	70	73	64 589	667,428	4 892,615	7,331	6,861
21	24	98 574	25 005,621	374 620,899	14,981	14,512	71	74	62 092	601,054	4 225,187	7,030	6,560
22	25	98 501	23 407,079	349 615,277	14,936	14,467	72	75	59 417	538,797	3 624,133	6,726	6,257
23	26	98 427	21 910,533	326 208,199	14,888	14,419	73	76	56 566	480,509	3 085,336	6,421	5,952
24	27	98 352	20 509,504	304 297,665	14,837	14,368	74	77	53 534	425,993	2 604,828	6,115	5,646
25	28	98 271	19 196,741	283 788,161	14,783	14,314	75	78	50 287	374,853	2 178,834	5,812	5,343
26	29	98 192	17 968,471	264 591,420	14,725	14,256	76	79	46 852	327,165	1 803,981	5,514	5,045
27	30	98 107	16 817,685	246 622,949	14,665	14,195	77	80	43 272	283,059	1 476,816	5,217	4,748
28	31	98 017	15 739,843	229 805,264	14,600	14,131	78	81	39 526	242,209	1 193,757	4,929	4,460
29	32	97 928	14 731,273	214 065,421	14,531	14,062	79	82	35 657	204,681	951,548	4,649	4,180
30	33	97 829	13 785,825	199 334,147	14,459	13,990	80	83	31 708	170,503	746,867	4,380	3,911
31	34	97 731	12 901,139	185 548,323	14,382	13,913	81	84	27 786	139,967	576,364	4,118	3,649
32	35	97 620	12 071,620	172 647,184	14,302	13,833	82	85	23 899	112,773	436,397	3,870	3,401
33	36	97 509	11 295,502	160 575,564	14,216	13,747	83	86	20 160	89,116	323,624	3,631	3,162
34	37	97 388	10 568,165	149 280,062	14,125	13,656	84	87	16 655	68,968	234,507	3,400	2,931
35	38	97 259	9 886,789	138 711,897	14,030	13,561	85	88	13 393	51,954	165,539	3,186	2,717
36	39	97 124	9 248,697	128 825,109	13,929	13,460	86	89	10 478	38,077	113,585	2,983	2,514
37	40	96 974	8 650,527	119 576,411	13,823	13,354	87	90	7 908	26,919	75,508	2,805	2,336
38	41	96 813	8 090,131	110 925,884	13,711	13,242	88	91	5 780	18,431	48,589	2,636	2,167
39	42	96 629	7 564,180	102 835,753	13,595	13,126	89	92	4 048	12,092	30,158	2,494	2,025
40	43	96 433	7 071,448	95 271,574	13,473	13,004	90	93	2 733	7,648	18,067	2,362	1,893
41	44	96 210	6 609,035	88 200,126	13,345	12,876	91	94	1 785	4,680	10,419	2,226	1,757
42	45	95 971	6 175,711	81 591,090	13,212	12,742	92	95	1 106	2,716	5,739	2,113	1,644
43	46	95 702	5 769,030	75 415,380	13,072	12,603	93	96	654	1,505	3,024	2,009	1,540
44	47	95 397	5 387,005	69 646,350	12,929	12,459	94	97	368	0,793	1,519	1,914	1,445
45	48	95 051	5 028,100	64 259,345	12,780	12,311	95	98	197	0,397	0,725	1,828	1,359
46	49	94 673	4 691,420	59 231,245	12,625	12,156	96	99	99	0,188	0,328	1,749	1,280
47	50	94 245	4 374,882	54 539,825	12,467	11,997	97	100	47	0,084	0,141	1,678	1,209
48	51	93 766	4 077,417	50 164,944	12,303	11,834							
49	52	93 236	3 798,028	46 087,527	12,135	11,665							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß   6,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	4	99 632	99 632,441	1 543 677,435	15,494	15,025	50	54	92 368	3 524,759	41 886,532	11,884	11,414
1	5	99 235	92 960,424	1 444 044,993	15,534	15,065	51	55	91 705	3 278,177	38 361,773	11,702	11,233
2	6	99 193	87 045,071	1 351 084,569	15,522	15,053	52	56	90 948	3 045,534	35 083,596	11,520	11,051
3	7	99 165	81 518,560	1 264 039,498	15,506	15,037	53	57	90 151	2 827,969	32 038,062	11,329	10,860
4	8	99 143	76 346,818	1 182 520,938	15,489	15,020	54	58	89 295	2 624,000	29 210,093	11,132	10,663
5	9	99 123	71 504,504	1 106 174,120	15,470	15,001	55	59	88 351	2 432,078	26 586,093	10,931	10,462
6	10	99 105	66 971,285	1 034 669,616	15,449	14,980	56	60	87 339	2 252,193	24 154,015	10,725	10,256
7	11	99 088	62 725,486	967 698,331	15,428	14,958	57	61	86 235	2 083,116	21 901,822	10,514	10,045
8	12	99 071	58 749,698	904 972,845	15,404	14,935	58	62	85 050	1 924,574	19 818,705	10,298	9,829
9	13	99 055	55 025,832	846 223,147	15,379	14,910	59	63	83 770	1 775,753	17 894,131	10,077	9,608
10	14	99 039	51 537,781	791 197,315	15,352	14,883	60	64	82 411	1 636,493	16 118,378	9,849	9,380
11	15	99 019	48 269,405	739 659,534	15,324	14,854	61	65	80 956	1 505,934	14 481,886	9,617	9,147
12	16	98 998	45 207,673	691 390,129	15,294	14,825	62	66	79 427	1 384,066	12 975,952	9,375	8,906
13	17	98 972	42 337,880	646 182,456	15,263	14,793	63	67	77 803	1 270,047	11 591,886	9,127	8,658
14	18	98 945	39 650,016	603 844,575	15,229	14,760	64	68	76 118	1 163,969	10 321,840	8,868	8,399
15	19	98 908	37 128,814	564 194,560	15,196	14,726	65	69	74 316	1 064,561	9 157,870	8,602	8,133
16	20	98 869	34 767,716	527 065,745	15,160	14,691	66	70	72 420	971,796	8 093,310	8,328	7,859
17	21	98 822	32 553,603	492 298,029	15,123	14,654	67	71	70 395	884,900	7 121,513	8,048	7,579
18	22	98 768	30 478,467	459 744,425	15,084	14,615	68	72	68 246	803,641	6 236,613	7,760	7,291
19	23	98 698	28 531,109	429 265,958	15,046	14,576	69	73	65 970	727,719	5 432,972	7,466	6,997
20	24	98 627	26 707,867	400 734,850	15,004	14,535	70	74	63 538	656,574	4 705,253	7,166	6,697
21	25	98 554	25 000,567	374 026,983	14,961	14,492	71	75	60 936	589,870	4 048,679	6,864	6,395
22	26	98 479	23 401,929	349 026,416	14,914	14,445	72	76	58 142	527,235	3 458,809	6,560	6,091
23	27	98 404	21 905,348	325 624,487	14,865	14,396	73	77	55 181	468,740	2 931,573	6,254	5,785
24	28	98 326	20 503,994	303 719,139	14,813	14,344	74	78	52 049	414,183	2 462,834	5,946	5,477
25	29	98 246	19 191,887	283 215,145	14,757	14,288	75	79	48 674	362,832	2 048,651	5,646	5,177
26	30	98 164	17 963,316	264 023,258	14,698	14,229	76	80	45 151	315,287	1 685,818	5,347	4,878
27	31	98 079	16 812,925	246 059,942	14,635	14,166	77	81	41 464	271,237	1 370,531	5,053	4,584
28	32	97 987	15 735,090	229 247,017	14,569	14,100	78	82	37 645	230,682	1 099,294	4,765	4,296
29	33	97 894	14 726,051	213 511,928	14,499	14,030	79	83	33 690	193,394	868,612	4,491	4,022
30	34	97 794	13 780,784	198 785,876	14,425	13,956	80	84	29 719	159,811	675,218	4,225	3,756
31	35	97 690	12 895,659	185 005,092	14,346	13,877	81	85	25 776	129,845	515,407	3,969	3,500
32	36	97 581	12 066,819	172 109,433	14,263	13,794	82	86	21 921	103,441	385,562	3,727	3,258
33	37	97 463	11 290,134	160 042,615	14,175	13,706	83	87	18 260	80,719	282,122	3,495	3,026
34	38	97 337	10 562,525	148 752,481	14,083	13,614	84	88	14 852	61,500	201,402	3,275	2,806
35	39	97 205	9 881,284	138 189,956	13,985	13,516	85	89	11 756	45,601	139,902	3,068	2,599
36	40	97 059	9 242,579	128 308,672	13,882	13,413	86	90	8 996	32,688	94,302	2,885	2,416
37	41	96 905	8 644,418	119 066,093	13,774	13,305	87	91	6 684	22,752	61,613	2,708	2,239
38	42	96 736	8 083,647	110 421,675	13,660	13,191	88	92	4 753	15,156	38,861	2,564	2,095
39	43	96 543	7 557,447	102 338,028	13,541	13,072	89	93	3 282	9,804	23,706	2,418	1,949
40	44	96 334	7 064,207	94 780,581	13,417	12,948	90	94	2 167	6,063	13,902	2,293	1,824
41	45	96 102	6 601,612	87 716,374	13,287	12,818	91	95	1 382	3,623	7,839	2,164	1,695
42	46	95 849	6 167,872	81 114,762	13,151	12,682	92	96	835	2,050	4,216	2,057	1,588
43	47	95 567	5 760,900	74 946,890	13,010	12,540	93	97	481	1,107	2,166	1,958	1,489
44	48	95 241	5 378,196	69 185,989	12,864	12,395	94	98	263	0,567	1,060	1,868	1,398
45	49	94 883	5 019,208	63 807,793	12,713	12,244	95	99	137	0,276	0,492	1,786	1,317
46	50	94 478	4 681,767	58 788,585	12,557	12,088	96	100	67	0,127	0,217	1,711	1,242
47	51	94 037	4 365,244	54 106,818	12,395	11,926							
48	52	93 536	4 067,440	49 741,574	12,229	11,760							
49	53	92 980	3 787,601	45 674,134	12,059	11,590							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß   6,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	5	99 621	99 620,567	1 542 892,790	15,488	15,019	50	55	92 074	3 513,511	41 453,239	11,798	11,329
1	6	99 225	92 951,028	1 443 272,223	15,527	15,058	51	56	91 380	3 266,562	37 939,729	11,615	11,145
2	7	99 184	87 037,491	1 350 321,195	15,514	15,045	52	57	90 605	3 034,046	34 673,167	11,428	10,959
3	8	99 157	81 511,563	1 263 283,704	15,498	15,029	53	58	89 791	2 816,667	31 639,121	11,233	10,764
4	9	99 136	76 341,196	1 181 772,141	15,480	15,011	54	59	88 901	2 612,422	28 822,454	11,033	10,564
5	10	99 116	71 499,571	1 105 430,945	15,461	14,992	55	60	87 934	2 420,594	26 210,032	10,828	10,359
6	11	99 098	66 966,532	1 033 931,374	15,440	14,970	56	61	86 868	2 240,055	23 789,438	10,620	10,151
7	12	99 080	62 720,470	966 964,842	15,417	14,948	57	62	85 739	2 071,145	21 549,383	10,405	9,935
8	13	99 064	58 744,968	904 244,372	15,393	14,924	58	63	84 513	1 912,434	19 478,237	10,185	9,716
9	14	99 046	55 020,903	845 499,403	15,367	14,898	59	64	83 205	1 763,788	17 565,803	9,959	9,490
10	15	99 028	51 532,195	790 478,501	15,340	14,870	60	65	81 806	1 624,466	15 802,015	9,728	9,258
11	16	99 007	48 263,333	738 946,305	15,311	14,842	61	66	80 323	1 494,173	14 177,549	9,489	9,019
12	17	98 983	45 200,717	690 682,972	15,280	14,811	62	67	78 747	1 372,226	12 683,377	9,243	8,774
13	18	98 956	42 331,086	645 482,255	15,248	14,779	63	68	77 092	1 258,448	11 311,151	8,988	8,519
14	19	98 922	39 640,959	603 151,169	15,215	14,746	64	69	75 379	1 152,666	10 052,702	8,721	8,252
15	20	98 887	37 121,146	563 510,209	15,180	14,711	65	70	73 527	1 053,253	8 900,036	8,450	7,981
16	21	98 848	34 759,998	526 389,064	15,144	14,674	66	71	71 579	960,519	7 846,783	8,169	7,700
17	22	98 801	32 546,790	491 629,065	15,105	14,636	67	72	69 489	873,505	6 886,264	7,883	7,414
18	23	98 746	30 471,630	459 082,275	15,066	14,597	68	73	67 258	792,006	6 012,759	7,592	7,123
19	24	98 675	28 524,587	428 610,645	15,026	14,557	69	74	64 897	715,886	5 220,753	7,293	6,824
20	25	98 607	26 702,468	400 086,058	14,983	14,514	70	75	62 356	644,357	4 504,867	6,991	6,522
21	26	98 533	24 995,067	373 383,590	14,938	14,469	71	76	59 629	577,213	3 860,510	6,688	6,219
22	27	98 456	23 396,391	348 388,523	14,891	14,422	72	77	56 718	514,322	3 283,297	6,384	5,915
23	28	98 377	21 899,463	324 992,132	14,840	14,371	73	78	53 651	455,744	2 768,975	6,076	5,607
24	29	98 301	20 498,810	303 092,669	14,786	14,317	74	79	50 380	400,901	2 313,231	5,770	5,301
25	30	98 218	19 186,380	282 593,860	14,729	14,260	75	80	46 907	349,659	1 912,330	5,469	5,000
26	31	98 136	17 958,232	263 407,479	14,668	14,199	76	81	43 265	302,119	1 562,671	5,172	4,703
27	32	98 049	16 807,847	245 449,248	14,603	14,134	77	82	39 491	258,329	1 260,552	4,880	4,411
28	33	97 953	15 729,512	228 641,401	14,536	14,067	78	83	35 569	217,961	1 002,223	4,598	4,129
29	34	97 858	14 720,667	212 911,889	14,463	13,994	79	84	31 578	181,266	784,262	4,327	3,857
30	35	97 752	13 774,930	198 191,222	14,388	13,919	80	85	27 570	148,254	602,996	4,067	3,598
31	36	97 651	12 890,529	184 416,292	14,306	13,837	81	86	23 643	119,100	454,742	3,818	3,349
32	37	97 535	12 061,084	171 525,762	14,221	13,752	82	87	19 855	93,694	335,642	3,582	3,113
33	38	97 411	11 284,109	159 464,678	14,132	13,663	83	88	16 283	71,978	241,948	3,361	2,892
34	39	97 282	10 556,644	148 180,569	14,037	13,568	84	89	13 036	53,979	169,970	3,149	2,680
35	40	97 141	9 874,747	137 623,925	13,937	13,468	85	90	10 092	39,148	115,990	2,963	2,494
36	41	96 991	9 236,051	127 749,177	13,832	13,362	86	91	7 603	27,628	76,843	2,781	2,312
37	42	96 828	8 637,489	118 513,126	13,721	13,252	87	92	5 496	18,709	49,215	2,631	2,161
38	43	96 650	8 076,452	109 875,637	13,604	13,135	88	93	3 853	12,288	30,505	2,483	2,013
39	44	96 445	7 549,708	101 799,185	13,484	13,015	89	94	2 602	7,772	18,217	2,344	1,875
40	45	96 226	7 056,273	94 249,477	13,357	12,888	90	95	1 677	4,693	10,446	2,226	1,757
41	46	95 980	6 593,233	87 193,203	13,225	12,756	91	96	1 043	2,735	5,752	2,103	1,634
42	47	95 714	6 159,181	80 599,970	13,086	12,617	92	97	614	1,507	3,017	2,002	1,533
43	48	95 411	5 751,481	74 440,789	12,943	12,474	93	98	344	0,791	1,510	1,908	1,439
44	49	95 072	5 368,685	68 689,308	12,794	12,325	94	99	183	0,394	0,719	1,822	1,353
45	50	94 688	5 008,880	63 320,623	12,642	12,173	95	100	92	0,186	0,324	1,745	1,276
46	51	94 270	4 671,453	58 311,743	12,483	12,013							
47	52	93 807	4 354,563	53 640,290	12,318	11,849							
48	53	93 279	4 056,274	49 285,727	12,150	11,681							
49	54	92 701	3 776,214	45 229,453	11,977	11,508							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß   6,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	6	99 610	99 610,498	1 542 052,513	15,481	15,012	50	56	91 747	3 501,062	40 987,769	11,707	11,238
1	7	99 217	92 942,933	1 442 442,015	15,520	15,051	51	57	91 036	3 254,240	37 486,708	11,519	11,050
2	8	99 176	87 030,020	1 349 499,082	15,506	15,037	52	58	90 243	3 021,920	34 232,468	11,328	10,859
3	9	99 150	81 505,560	1 262 469,061	15,489	15,020	53	59	89 395	2 804,239	31 210,548	11,130	10,661
4	10	99 129	76 335,929	1 180 963,501	15,471	15,001	54	60	88 482	2 600,086	28 406,309	10,925	10,456
5	11	99 109	71 494,497	1 104 627,572	15,451	14,981	55	61	87 460	2 407,549	25 806,222	10,719	10,250
6	12	99 090	66 961,177	1 033 133,075	15,429	14,960	56	62	86 369	2 227,182	23 398,674	10,506	10,037
7	13	99 072	62 715,421	966 171,898	15,406	14,937	57	63	85 198	2 058,081	21 171,492	10,287	9,818
8	14	99 055	58 739,706	903 456,477	15,381	14,912	58	64	83 944	1 899,549	19 113,410	10,062	9,593
9	15	99 036	55 014,939	844 716,771	15,354	14,885	59	65	82 594	1 750,825	17 213,862	9,832	9,363
10	16	99 015	51 525,713	789 701,832	15,326	14,857	60	66	81 167	1 611,779	15 463,037	9,594	9,125
11	17	98 991	48 255,907	738 176,119	15,297	14,828	61	67	79 636	1 481,391	13 851,258	9,350	8,881
12	18	98 967	45 193,464	689 920,212	15,266	14,797	62	68	78 028	1 359,694	12 369,867	9,098	8,628
13	19	98 933	42 321,417	644 726,748	15,234	14,765	63	69	76 344	1 246,228	11 010,172	8,835	8,366
14	20	98 902	39 632,772	602 405,331	15,200	14,731	64	70	74 578	1 140,423	9 763,944	8,562	8,093
15	21	98 865	37 112,905	562 772,559	15,164	14,695	65	71	72 673	1 041,031	8 623,521	8,284	7,815
16	22	98 827	34 752,723	525 659,653	15,126	14,657	66	72	70 657	948,150	7 582,491	7,997	7,528
17	23	98 779	32 539,489	490 906,930	15,086	14,617	67	73	68 483	860,859	6 634,340	7,707	7,238
18	24	98 723	30 464,665	458 367,441	15,046	14,577	68	74	66 164	779,127	5 773,482	7,410	6,941
19	25	98 656	28 518,821	427 902,776	15,004	14,535	69	75	63 690	702,565	4 994,355	7,109	6,640
20	26	98 586	26 696,594	399 383,955	14,960	14,491	70	76	61 018	630,531	4 291,790	6,807	6,338
21	27	98 509	24 989,152	372 687,361	14,914	14,445	71	77	58 168	563,075	3 661,259	6,502	6,033
22	28	98 430	23 390,106	347 698,210	14,865	14,396	72	78	55 146	500,063	3 098,184	6,196	5,726
23	29	98 352	21 893,925	324 308,104	14,813	14,344	73	79	51 930	441,129	2 598,121	5,890	5,421
24	30	98 273	20 492,928	302 414,179	14,757	14,288	74	80	48 551	386,346	2 156,992	5,583	5,114
25	31	98 190	19 180,950	281 921,251	14,698	14,229	75	81	44 948	335,056	1 770,646	5,285	4,816
26	32	98 106	17 952,808	262 740,301	14,635	14,166	76	82	41 206	287,741	1 435,590	4,989	4,520
27	33	98 015	16 801,889	244 787,493	14,569	14,100	77	83	37 313	244,083	1 147,849	4,703	4,234
28	34	97 917	15 723,761	227 985,604	14,499	14,030	78	84	33 339	204,292	903,766	4,424	3,955
29	35	97 816	14 714,414	212 261,844	14,425	13,956	79	85	29 294	168,158	699,473	4,160	3,690
30	36	97 713	13 769,451	197 547,429	14,347	13,878	80	86	25 288	135,985	531,316	3,907	3,438
31	37	97 604	12 884,404	183 777,978	14,264	13,794	81	87	21 416	107,878	395,330	3,665	3,195
32	38	97 483	12 054,647	170 893,575	14,177	13,707	82	88	17 705	83,548	287,453	3,441	2,971
33	39	97 357	11 277,827	158 838,927	14,084	13,615	83	89	14 292	63,176	203,905	3,228	2,758
34	40	97 218	10 549,661	147 561,101	13,987	13,518	84	90	11 191	46,340	140,728	3,037	2,568
35	41	97 072	9 867,774	137 011,440	13,885	13,416	85	91	8 530	33,088	94,388	2,853	2,384
36	42	96 913	9 228,649	127 143,666	13,777	13,308	86	92	6 252	22,719	61,301	2,698	2,229
37	43	96 741	8 629,801	117 915,017	13,664	13,195	87	93	4 456	15,169	38,582	2,543	2,074
38	44	96 551	8 068,182	109 285,216	13,545	13,076	88	94	3 055	9,741	23,413	2,403	1,934
39	45	96 336	7 541,229	101 217,034	13,422	12,953	89	95	2 014	6,016	13,671	2,272	1,803
40	46	96 103	7 047,317	93 675,805	13,292	12,823	90	96	1 266	3,543	7,655	2,161	1,691
41	47	95 845	6 583,943	86 628,488	13,158	12,688	91	97	767	2,011	4,112	2,045	1,576
42	48	95 557	6 149,110	80 044,546	13,017	12,548	92	98	439	1,078	2,101	1,949	1,479
43	49	95 242	5 741,310	73 895,436	12,871	12,402	93	99	239	0,550	1,023	1,860	1,391
44	50	94 877	5 357,638	68 154,126	12,721	12,252	94	100	123	0,266	0,473	1,779	1,310
45	51	94 480	4 997,846	62 796,487	12,565	12,096							
46	52	94 040	4 660,023	57 798,642	12,403	11,934							
47	53	93 549	4 342,608	53 138,619	12,237	11,767							
48	54	92 999	4 044,078	48 796,011	12,066	11,597							
49	55	92 405	3 764,163	44 751,932	11,889	11,420							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß   6,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	7	99 602	99 601,823	1 541 150,485	15,473	15,004	50	57	91 401	3 487,855	40 488,825	11,609	11,139
1	8	99 208	92 934,956	1 441 548,662	15,511	15,042	51	58	90 672	3 241,234	37 000,970	11,416	10,947
2	9	99 168	87 023,611	1 348 613,706	15,497	15,028	52	59	89 845	3 008,586	33 759,736	11,221	10,752
3	10	99 143	81 499,938	1 261 590,095	15,480	15,011	53	60	88 973	2 790,998	30 751,150	11,018	10,549
4	11	99 122	76 330,512	1 180 090,157	15,460	14,991	54	61	88 005	2 586,073	27 960,152	10,812	10,343
5	12	99 101	71 488,780	1 103 759,645	15,440	14,970	55	62	86 957	2 393,713	25 374,079	10,600	10,131
6	13	99 082	66 955,786	1 032 270,866	15,417	14,948	56	63	85 824	2 213,134	22 980,366	10,384	9,915
7	14	99 063	62 709,803	965 315,079	15,393	14,924	57	64	84 624	2 044,214	20 767,232	10,159	9,690
8	15	99 044	58 733,340	902 605,276	15,368	14,899	58	65	83 327	1 885,588	18 723,018	9,930	9,460
9	16	99 023	55 008,019	843 871,936	15,341	14,872	59	66	81 949	1 737,151	16 837,430	9,693	9,223
10	17	99 000	51 517,785	788 863,918	15,312	14,843	60	67	80 472	1 597,991	15 100,278	9,450	8,980
11	18	98 975	48 248,163	737 346,133	15,282	14,813	61	68	78 909	1 467,863	13 502,287	9,199	8,729
12	19	98 944	45 183,141	689 097,970	15,251	14,782	62	69	77 270	1 346,491	12 034,424	8,938	8,468
13	20	98 913	42 312,676	643 914,829	15,218	14,749	63	70	75 533	1 232,991	10 687,934	8,668	8,199
14	21	98 880	39 623,974	601 602,153	15,183	14,714	64	71	73 713	1 127,189	9 454,942	8,388	7,919
15	22	98 844	37 105,138	561 978,179	15,146	14,676	65	72	71 738	1 027,625	8 327,753	8,104	7,635
16	23	98 805	34 744,927	524 873,041	15,106	14,637	66	73	69 634	934,423	7 300,128	7,812	7,343
17	24	98 756	32 532,051	490 128,113	15,066	14,597	67	74	67 369	846,860	6 365,705	7,517	7,048
18	25	98 703	30 458,507	457 596,062	15,024	14,554	68	75	64 933	764,629	5 518,845	7,218	6,749
19	26	98 634	28 512,548	427 137,556	14,981	14,512	69	76	62 323	687,489	4 754,216	6,915	6,446
20	27	98 562	26 690,276	398 625,008	14,935	14,466	70	77	59 524	615,087	4 066,727	6,612	6,142
21	28	98 483	24 982,438	371 934,733	14,888	14,419	71	78	56 556	547,465	3 451,640	6,305	5,836
22	29	98 405	23 384,191	346 952,294	14,837	14,368	72	79	53 377	484,027	2 904,175	6,000	5,531
23	30	98 324	21 887,643	323 568,103	14,783	14,314	73	80	50 045	425,114	2 420,148	5,693	5,224
24	31	98 245	20 487,128	301 680,460	14,725	14,256	74	81	46 523	370,210	1 995,034	5,389	4,920
25	32	98 160	19 175,157	281 193,332	14,664	14,195	75	82	42 809	319,110	1 624,824	5,092	4,623
26	33	98 072	17 946,444	262 018,175	14,600	14,131	76	83	38 934	271,874	1 305,714	4,803	4,334
27	34	97 979	16 795,746	244 071,731	14,532	14,063	77	84	34 973	228,776	1 033,840	4,519	4,050
28	35	97 875	15 717,082	227 275,986	14,460	13,991	78	85	30 928	189,519	805,064	4,248	3,779
29	36	97 777	14 708,561	211 558,904	14,383	13,914	79	86	26 870	154,242	615,545	3,991	3,522
30	37	97 667	13 762,908	196 850,343	14,303	13,834	80	87	22 906	123,172	461,303	3,745	3,276
31	38	97 552	12 877,527	183 087,435	14,218	13,748	81	88	19 096	96,196	338,131	3,515	3,046
32	39	97 428	12 047,936	170 209,907	14,128	13,659	82	89	15 540	73,331	241,935	3,299	2,830
33	40	97 292	11 270,366	158 161,971	14,033	13,564	83	90	12 269	54,236	168,604	3,109	2,640
34	41	97 149	10 542,210	146 891,605	13,934	13,465	84	91	9 458	39,167	114,368	2,920	2,451
35	42	96 994	9 859,865	136 349,395	13,829	13,360	85	92	7 014	27,208	75,201	2,764	2,295
36	43	96 827	9 220,434	126 489,530	13,718	13,249	86	93	5 069	18,420	47,993	2,605	2,136
37	44	96 642	8 620,965	117 269,096	13,603	13,134	87	94	3 533	12,025	29,573	2,459	1,990
38	45	96 442	8 059,120	108 648,131	13,481	13,012	88	95	2 365	7,541	17,548	2,327	1,858
39	46	96 214	7 531,657	100 589,011	13,355	12,886	89	96	1 521	4,542	10,007	2,203	1,734
40	47	95 968	7 037,387	93 057,353	13,223	12,754	90	97	931	2,605	5,465	2,098	1,629
41	48	95 688	6 573,177	86 019,967	13,087	12,617	91	98	549	1,438	2,860	1,988	1,519
42	49	95 388	6 138,236	79 446,790	12,943	12,474	92	99	305	0,749	1,421	1,897	1,428
43	50	95 046	5 729,496	73 308,554	12,795	12,326	93	100	161	0,371	0,672	1,813	1,344
44	51	94 668	5 345,836	67 579,058	12,641	12,172							
45	52	94 248	4 985,617	62 233,222	12,483	12,013							
46	53	93 781	4 647,229	57 247,605	12,319	11,850							
47	54	93 268	4 329,552	52 600,376	12,149	11,680							
48	55	92 702	4 031,173	48 270,824	11,974	11,505							
49	56	92 077	3 750,826	44 239,651	11,795	11,326							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß   6,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	8	99 593	99 593,274	1 540 180,664	15,465	14,996	50	58	91 036	3 473,916	39 954,606	11,501	11,032
1	9	99 201	92 928,112	1 440 587,390	15,502	15,033	51	59	90 272	3 226,933	36 480,691	11,305	10,836
2	10	99 161	87 017,608	1 347 659,278	15,487	15,018	52	60	89 420	2 994,380	33 253,758	11,105	10,636
3	11	99 136	81 494,154	1 260 641,670	15,469	15,000	53	61	88 493	2 775,956	30 259,378	10,901	10,431
4	12	99 114	76 324,408	1 179 147,516	15,449	14,980	54	62	87 499	2 571,212	27 483,423	10,689	10,220
5	13	99 093	71 483,025	1 102 823,108	15,428	14,959	55	63	86 409	2 378,614	24 912,211	10,473	10,004
6	14	99 073	66 949,789	1 031 340,083	15,405	14,936	56	64	85 246	2 198,222	22 533,596	10,251	9,782
7	15	99 052	62 703,006	964 390,295	15,380	14,911	57	65	84 002	2 029,191	20 335,374	10,021	9,552
8	16	99 031	58 725,952	901 687,288	15,354	14,885	58	66	82 676	1 870,862	18 306,184	9,785	9,316
9	17	99 008	54 999,554	842 961,337	15,327	14,858	59	67	81 248	1 722,291	16 435,322	9,543	9,074
10	18	98 984	51 509,517	787 961,782	15,297	14,828	60	68	79 738	1 583,398	14 713,030	9,292	8,823
11	19	98 953	48 237,143	736 452,265	15,267	14,798	61	69	78 143	1 453,609	13 129,633	9,032	8,563
12	20	98 924	45 173,809	688 215,122	15,235	14,766	62	70	76 450	1 332,189	11 676,024	8,765	8,295
13	21	98 891	42 303,283	643 041,313	15,201	14,732	63	71	74 656	1 218,683	10 343,835	8,488	8,019
14	22	98 859	39 615,681	600 738,030	15,164	14,695	64	72	72 763	1 112,674	9 125,152	8,201	7,732
15	23	98 822	37 096,814	561 122,349	15,126	14,657	65	73	70 699	1 012,747	8 012,478	7,912	7,442
16	24	98 782	34 736,985	524 025,535	15,086	14,616	66	74	68 502	919,228	6 999,731	7,615	7,146
17	25	98 736	32 525,475	489 288,549	15,043	14,574	67	75	66 115	831,102	6 080,503	7,316	6,847
18	26	98 681	30 451,806	456 763,074	15,000	14,530	68	76	63 540	748,222	5 249,400	7,016	6,547
19	27	98 610	28 505,800	426 311,268	14,955	14,486	69	77	60 797	670,651	4 501,178	6,712	6,243
20	28	98 536	26 683,105	397 805,468	14,909	14,439	70	78	57 873	598,035	3 830,528	6,405	5,936
21	29	98 458	24 976,121	371 122,363	14,859	14,390	71	79	54 742	529,908	3 232,493	6,100	5,631
22	30	98 376	23 377,482	346 146,242	14,807	14,338	72	80	51 439	466,454	2 702,585	5,794	5,325
23	31	98 296	21 881,448	322 768,760	14,751	14,282	73	81	47 955	407,359	2 236,131	5,489	5,020
24	32	98 215	20 480,940	300 887,312	14,691	14,222	74	82	44 309	352,592	1 828,772	5,187	4,718
25	33	98 126	19 168,360	280 406,372	14,629	14,159	75	83	40 448	301,513	1 476,181	4,896	4,427
26	34	98 036	17 939,882	261 238,012	14,562	14,093	76	84	36 492	254,824	1 174,668	4,610	4,141
27	35	97 937	16 788,611	243 298,130	14,492	14,023	77	85	32 444	212,232	919,843	4,334	3,865
28	36	97 836	15 710,830	226 509,519	14,417	13,948	78	86	28 368	173,835	707,611	4,071	3,601
29	37	97 731	14 701,572	210 798,688	14,339	13,869	79	87	24 338	139,709	533,776	3,821	3,352
30	38	97 615	13 755,563	196 097,117	14,256	13,787	80	88	20 425	109,834	394,067	3,588	3,119
31	39	97 498	12 870,358	182 341,554	14,168	13,698	81	89	16 761	84,432	284,233	3,366	2,897
32	40	97 364	12 039,966	169 471,196	14,076	13,607	82	90	13 341	62,954	199,801	3,174	2,705
33	41	97 224	11 262,406	157 431,230	13,978	13,509	83	91	10 370	45,840	136,848	2,985	2,516
34	42	97 071	10 533,761	146 168,823	13,876	13,407	84	92	7 778	32,207	91,007	2,826	2,357
35	43	96 908	9 851,089	135 635,063	13,769	13,299	85	93	5 687	22,060	58,800	2,665	2,196
36	44	96 728	9 210,993	125 783,974	13,656	13,187	86	94	4 018	14,602	36,740	2,516	2,047
37	45	96 534	8 611,282	116 572,981	13,537	13,068	87	95	2 735	9,309	22,137	2,378	1,909
38	46	96 320	8 048,891	107 961,699	13,413	12,944	88	96	1 785	5,693	12,829	2,253	1,784
39	47	96 078	7 521,044	99 912,807	13,284	12,815	89	97	1 118	3,340	7,136	2,137	1,667
40	48	95 811	7 025,880	92 391,763	13,150	12,681	90	98	666	1,863	3,796	2,037	1,568
41	49	95 519	6 561,553	85 365,883	13,010	12,541	91	99	381	0,999	1,933	1,934	1,465
42	50	95 192	6 125,605	78 804,330	12,865	12,396	92	100	206	0,505	0,933	1,848	1,379
43	51	94 837	5 716,874	72 678,725	12,713	12,244							
44	52	94 436	5 332,755	66 961,851	12,557	12,088							
45	53	93 990	4 971,930	61 629,095	12,395	11,926							
46	54	93 499	4 633,257	56 657,166	12,228	11,759							
47	55	92 971	4 315,735	52 023,909	12,054	11,585							
48	56	92 374	4 016,890	47 708,173	11,877	11,408							
49	57	91 730	3 736,677	43 691,283	11,693	11,223							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß   6,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	9	99 586	99 585,940	1 539 138,013	15,455	14,986	50	59	90 634	3 458,588	39 383,223	11,387	10,918
1	10	99 194	92 921,702	1 439 552,073	15,492	15,023	51	60	89 846	3 211,695	35 924,635	11,186	10,716
2	11	99 154	87 011,432	1 346 630,372	15,476	15,007	52	61	88 939	2 978,242	32 712,940	10,984	10,515
3	12	99 128	81 487,637	1 259 618,939	15,458	14,989	53	62	87 985	2 760,003	29 734,698	10,773	10,304
4	13	99 106	76 318,264	1 178 131,303	15,437	14,968	54	63	86 947	2 554,994	26 974,695	10,558	10,089
5	14	99 084	71 476,622	1 101 813,039	15,415	14,946	55	64	85 827	2 362,588	24 419,701	10,336	9,867
6	15	99 063	66 942,532	1 030 336,417	15,391	14,922	56	65	84 619	2 182,066	22 057,114	10,108	9,639
7	16	99 040	62 695,119	963 393,885	15,366	14,897	57	66	83 346	2 013,343	19 875,047	9,872	9,403
8	17	99 016	58 716,915	900 698,766	15,340	14,871	58	67	81 969	1 854,858	17 861,705	9,630	9,161
9	18	98 992	54 990,729	841 981,851	15,311	14,842	59	68	80 506	1 706,563	16 006,846	9,380	8,910
10	19	98 962	51 497,752	786 991,122	15,282	14,813	60	69	78 963	1 568,022	14 300,284	9,120	8,651
11	20	98 932	48 227,180	735 493,370	15,251	14,781	61	70	77 313	1 438,169	12 732,262	8,853	8,384
12	21	98 902	45 163,781	687 266,190	15,217	14,748	62	71	75 562	1 316,729	11 294,092	8,577	8,108
13	22	98 870	42 294,430	642 102,409	15,182	14,713	63	72	73 695	1 202,989	9 977,363	8,294	7,825
14	23	98 837	39 606,794	599 807,980	15,144	14,675	64	73	71 710	1 096,565	8 774,374	8,002	7,533
15	24	98 800	37 088,335	560 201,186	15,105	14,635	65	74	69 549	996,279	7 677,809	7,706	7,237
16	25	98 762	34 729,964	523 112,851	15,062	14,593	66	75	67 227	902,124	6 681,530	7,406	6,937
17	26	98 715	32 518,320	488 382,888	15,019	14,550	67	76	64 697	813,268	5 779,406	7,106	6,637
18	27	98 658	30 444,599	455 864,568	14,974	14,504	68	77	61 984	729,896	4 966,138	6,804	6,335
19	28	98 584	28 498,142	425 419,968	14,928	14,459	69	78	59 111	652,058	4 236,242	6,497	6,028
20	29	98 511	26 676,358	396 921,827	14,879	14,410	70	79	56 017	578,857	3 584,184	6,192	5,723
21	30	98 430	24 968,955	370 245,469	14,828	14,359	71	80	52 755	510,670	3 005,327	5,885	5,416
22	31	98 349	23 370,865	345 276,514	14,774	14,305	72	81	49 291	446,972	2 494,658	5,581	5,112
23	32	98 267	21 874,840	321 905,649	14,716	14,247	73	82	45 673	387,972	2 047,686	5,278	4,809
24	33	98 180	20 473,680	300 030,809	14,654	14,185	74	83	41 866	333,148	1 659,713	4,982	4,513
25	34	98 090	19 161,351	279 557,129	14,590	14,121	75	84	37 911	282,605	1 326,565	4,694	4,225
26	35	97 994	17 932,262	260 395,777	14,521	14,052	76	85	33 853	236,396	1 043,960	4,416	3,947
27	36	97 898	16 781,933	242 463,516	14,448	13,979	77	86	29 759	194,669	807,564	4,148	3,679
28	37	97 790	15 703,364	225 681,582	14,372	13,902	78	87	25 695	157,456	612,895	3,892	3,423
29	38	97 679	14 693,726	209 978,218	14,290	13,821	79	88	21 702	124,580	455,439	3,656	3,187
30	39	97 560	13 747,905	195 284,493	14,205	13,736	80	89	17 927	96,403	330,859	3,432	2,963
31	40	97 433	12 861,844	181 536,588	14,114	13,645	81	90	14 389	72,484	234,457	3,235	2,765
32	41	97 295	12 031,463	168 674,744	14,019	13,550	82	91	11 276	53,209	161,973	3,044	2,575
33	42	97 146	11 253,380	156 643,281	13,920	13,451	83	92	8 527	37,695	108,765	2,885	2,416
34	43	96 985	10 524,385	145 389,901	13,815	13,345	84	93	6 306	26,113	71,070	2,722	2,252
35	44	96 809	9 841,002	134 865,516	13,704	13,235	85	94	4 508	17,488	44,957	2,571	2,102
36	45	96 619	9 200,648	125 024,515	13,589	13,120	86	95	3 111	11,304	27,469	2,430	1,961
37	46	96 411	8 600,352	115 823,867	13,467	12,998	87	96	2 065	7,028	16,165	2,300	1,831
38	47	96 184	8 037,550	107 223,515	13,340	12,871	88	97	1 313	4,186	9,137	2,183	1,714
39	48	95 921	7 508,747	99 185,965	13,209	12,740	89	98	800	2,389	4,951	2,073	1,604
40	49	95 642	7 013,455	91 677,218	13,072	12,602	90	99	463	1,295	2,562	1,979	1,510
41	50	95 322	6 548,052	84 663,763	12,930	12,460	91	100	257	0,674	1,268	1,882	1,413
42	51	94 982	6 112,111	78 115,712	12,780	12,311							
43	52	94 605	5 702,886	72 003,601	12,626	12,157							
44	53	94 177	5 318,115	66 300,715	12,467	11,998							
45	54	93 707	4 956,981	60 982,600	12,302	11,833							
46	55	93 201	4 618,471	56 025,619	12,131	11,662							
47	56	92 641	4 300,444	51 407,147	11,954	11,485							
48	57	92 025	4 001,737	47 106,703	11,772	11,302							
49	58	91 363	3 721,743	43 104,966	11,582	11,113							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß   6,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	10	99 579	99 579,070	1 538 016,048	15,445	14,976	50	60	90 206	3 442,256	38 773,418	11,264	10,795
1	11	99 187	92 915,107	1 438 436,978	15,481	15,012	51	61	89 361	3 194,386	35 331,162	11,060	10,591
2	12	99 146	87 004,474	1 345 521,871	15,465	14,996	52	62	88 427	2 961,127	32 136,775	10,853	10,384
3	13	99 120	81 481,077	1 258 517,397	15,446	14,976	53	63	87 430	2 742,594	29 175,649	10,638	10,169
4	14	99 097	76 311,427	1 177 036,320	15,424	14,955	54	64	86 361	2 537,778	26 433,054	10,416	9,947
5	15	99 073	71 468,874	1 100 724,893	15,401	14,932	55	65	85 196	2 345,224	23 895,276	10,189	9,720
6	16	99 050	66 934,111	1 029 256,018	15,377	14,908	56	66	83 958	2 165,025	21 550,052	9,954	9,485
7	17	99 024	62 685,472	962 321,907	15,352	14,882	57	67	82 633	1 996,120	19 385,027	9,711	9,242
8	18	99 000	58 707,493	899 636,435	15,324	14,855	58	68	81 220	1 837,919	17 388,907	9,461	8,992
9	19	98 969	54 978,168	840 928,942	15,296	14,827	59	69	79 724	1 689,991	15 550,988	9,202	8,733
10	20	98 941	51 487,116	785 950,774	15,265	14,796	60	70	78 125	1 551,367	13 860,997	8,935	8,466
11	21	98 910	48 216,474	734 463,658	15,233	14,764	61	71	76 416	1 421,480	12 309,630	8,660	8,191
12	22	98 881	45 154,329	686 247,184	15,198	14,729	62	72	74 589	1 299,774	10 888,150	8,377	7,908
13	23	98 848	42 284,942	641 092,856	15,161	14,692	63	73	72 628	1 185,573	9 588,377	8,088	7,618
14	24	98 815	39 597,741	598 807,914	15,122	14,653	64	74	70 544	1 078,734	8 402,804	7,790	7,320
15	25	98 780	37 080,838	559 210,173	15,081	14,612	65	75	68 255	977,741	7 324,070	7,491	7,022
16	26	98 740	34 722,324	522 129,336	15,037	14,568	66	76	65 785	882,766	6 346,330	7,189	6,720
17	27	98 691	32 510,624	487 407,012	14,992	14,523	67	77	63 112	793,349	5 463,564	6,887	6,418
18	28	98 631	30 436,421	454 896,388	14,946	14,477	68	78	60 265	709,661	4 670,215	6,581	6,112
19	29	98 559	28 490,935	424 459,967	14,898	14,429	69	79	57 216	631,147	3 960,554	6,275	5,806
20	30	98 483	26 668,704	395 969,032	14,848	14,379	70	80	53 984	557,841	3 329,407	5,968	5,499
21	31	98 402	24 961,888	369 300,328	14,795	14,325	71	81	50 551	489,341	2 771,566	5,664	5,195
22	32	98 319	23 363,806	344 338,440	14,738	14,269	72	82	46 945	425,701	2 282,225	5,361	4,892
23	33	98 232	21 867,086	320 974,634	14,678	14,209	73	83	43 154	366,578	1 856,524	5,064	4,595
24	34	98 145	20 466,194	299 107,548	14,615	14,146	74	84	39 240	312,256	1 489,946	4,772	4,302
25	35	98 048	19 153,212	278 641,354	14,548	14,079	75	85	35 170	262,168	1 177,690	4,492	4,023
26	36	97 955	17 925,129	259 488,142	14,476	14,007	76	86	31 052	216,833	915,522	4,222	3,753
27	37	97 852	16 773,958	241 563,013	14,401	13,932	77	87	26 955	176,327	698,689	3,962	3,493
28	38	97 738	15 694,983	224 789,054	14,322	13,853	78	88	22 913	140,405	522,362	3,720	3,251
29	39	97 624	14 685,545	209 094,071	14,238	13,769	79	89	19 049	109,345	381,957	3,493	3,024
30	40	97 496	13 738,810	194 408,526	14,150	13,681	80	90	15 390	82,760	272,612	3,294	2,825
31	41	97 365	12 852,761	180 669,716	14,057	13,588	81	91	12 162	61,263	189,852	3,099	2,630
32	42	97 217	12 021,820	167 816,955	13,959	13,490	82	92	9 272	43,754	128,589	2,939	2,470
33	43	97 059	11 243,363	155 795,135	13,857	13,388	83	93	6 914	30,562	84,835	2,776	2,307
34	44	96 886	10 513,608	144 551,772	13,749	13,280	84	94	4 999	20,701	54,272	2,622	2,153
35	45	96 700	9 829,949	134 038,163	13,636	13,167	85	95	3 490	13,538	33,571	2,480	2,011
36	46	96 496	9 188,970	124 208,215	13,517	13,048	86	96	2 348	8,534	20,034	2,348	1,878
37	47	96 275	8 588,233	115 019,245	13,393	12,924	87	97	1 518	5,167	11,500	2,225	1,756
38	48	96 027	8 024,407	106 431,011	13,263	12,794	88	98	939	2,994	6,332	2,115	1,646
39	49	95 752	7 495,468	98 406,604	13,129	12,660	89	99	556	1,660	3,338	2,011	1,542
40	50	95 445	6 999,024	90 911,136	12,989	12,520	90	100	312	0,873	1,679	1,924	1,454
41	51	95 112	6 533,626	83 912,112	12,843	12,374							
42	52	94 750	6 097,156	77 378,486	12,691	12,222							
43	53	94 345	5 687,229	71 281,330	12,534	12,064							
44	54	93 894	5 302,126	65 594,101	12,371	11,902							
45	55	93 408	4 941,163	60 291,975	12,202	11,733							
46	56	92 871	4 602,107	55 350,812	12,027	11,558							
47	57	92 292	4 284,222	50 748,705	11,845	11,376							
48	58	91 657	3 985,744	46 464,483	11,658	11,189							
49	59	90 960	3 705,322	42 478,739	11,464	10,995							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß   6,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	11	99 572	99 572,003	1 536 808,700	15,434	14,965	50	61	89 720	3 423,705	38 123,495	11,135	10,666
1	12	99 179	92 907,677	1 437 236,697	15,470	15,000	51	62	88 848	3 176,029	34 699,791	10,926	10,456
2	13	99 139	86 997,470	1 344 329,020	15,453	14,983	52	63	87 870	2 942,449	31 523,762	10,713	10,244
3	14	99 111	81 473,778	1 257 331,550	15,432	14,963	53	64	86 841	2 724,115	28 581,313	10,492	10,023
4	15	99 086	76 303,156	1 175 857,772	15,410	14,941	54	65	85 727	2 519,127	25 857,198	10,264	9,795
5	16	99 061	71 459,884	1 099 554,615	15,387	14,918	55	66	84 530	2 326,908	23 338,071	10,030	9,561
6	17	99 035	66 923,812	1 028 094,731	15,362	14,893	56	67	83 240	2 146,505	21 011,163	9,789	9,319
7	18	99 008	62 675,413	961 170,919	15,336	14,867	57	68	81 879	1 977,891	18 864,658	9,538	9,069
8	19	98 978	58 694,083	898 495,506	15,308	14,839	58	69	80 431	1 820,072	16 886,767	9,278	8,809
9	20	98 949	54 966,813	839 801,423	15,278	14,809	59	70	78 877	1 672,041	15 066,695	9,011	8,542
10	21	98 919	51 475,686	784 834,610	15,247	14,778	60	71	77 218	1 533,364	13 394,655	8,735	8,266
11	22	98 890	48 206,383	733 358,924	15,213	14,744	61	72	75 431	1 403,175	11 861,291	8,453	7,984
12	23	98 859	45 144,199	685 152,541	15,177	14,708	62	73	73 509	1 280,956	10 458,116	8,164	7,695
13	24	98 825	42 275,276	640 008,342	15,139	14,670	63	74	71 447	1 166,294	9 177,160	7,869	7,400
14	25	98 795	39 589,736	597 733,066	15,098	14,629	64	75	69 231	1 058,661	8 010,866	7,567	7,098
15	26	98 758	37 072,681	558 143,329	15,055	14,586	65	76	66 791	956,760	6 952,205	7,266	6,797
16	27	98 717	34 714,106	521 070,649	15,010	14,541	66	77	64 174	861,144	5 995,444	6,962	6,493
17	28	98 665	32 501,890	486 356,543	14,964	14,495	67	78	61 362	771,355	5 134,300	6,656	6,187
18	29	98 607	30 428,724	453 854,653	14,915	14,446	68	79	58 333	686,903	4 362,945	6,352	5,882
19	30	98 531	28 482,761	423 425,928	14,866	14,397	69	80	55 138	608,233	3 676,042	6,044	5,575
20	31	98 455	26 661,156	394 943,168	14,813	14,344	70	81	51 729	534,542	3 067,809	5,739	5,270
21	32	98 372	24 954,349	368 282,012	14,758	14,289	71	82	48 145	466,053	2 533,267	5,436	4,966
22	33	98 284	23 355,525	343 327,663	14,700	14,231	72	83	44 357	402,226	2 067,214	5,139	4,670
23	34	98 196	21 859,090	319 972,139	14,638	14,169	73	84	40 448	343,589	1 664,988	4,846	4,377
24	35	98 103	20 457,501	298 113,048	14,572	14,103	74	85	36 403	289,675	1 321,399	4,562	4,093
25	36	98 009	19 145,594	277 655,547	14,502	14,033	75	86	32 259	240,472	1 031,724	4,290	3,821
26	37	97 909	17 916,611	258 509,954	14,429	13,959	76	87	28 126	196,403	791,252	4,029	3,560
27	38	97 799	16 765,006	240 593,343	14,351	13,882	77	88	24 036	157,232	594,849	3,783	3,314
28	39	97 683	15 686,246	223 828,337	14,269	13,800	78	89	20 111	123,235	437,617	3,551	3,082
29	40	97 560	14 675,830	208 142,091	14,183	13,714	79	90	16 353	93,871	314,382	3,349	2,880
30	41	97 427	13 729,107	193 466,261	14,092	13,623	80	91	13 008	69,949	220,511	3,152	2,683
31	42	97 287	12 842,459	179 737,154	13,996	13,526	81	92	10 001	50,378	150,562	2,989	2,520
32	43	97 131	12 011,120	166 894,694	13,895	13,426	82	93	7 518	35,475	100,184	2,824	2,355
33	44	96 960	11 231,851	154 883,575	13,790	13,321	83	94	5 481	24,228	64,709	2,671	2,202
34	45	96 777	10 501,800	143 651,724	13,679	13,210	84	95	3 870	16,025	40,481	2,526	2,057
35	46	96 577	9 817,472	133 149,924	13,563	13,093	85	96	2 635	10,220	24,456	2,393	1,924
36	47	96 360	9 176,022	123 332,452	13,441	12,972	86	97	1 727	6,275	14,236	2,269	1,800
37	48	96 118	8 574,191	114 156,430	13,314	12,845	87	98	1 086	3,696	7,961	2,154	1,685
38	49	95 857	8 010,217	105 582,239	13,181	12,712	88	99	652	2,080	4,265	2,050	1,581
39	50	95 555	7 480,045	97 572,023	13,044	12,575	89	100	375	1,119	2,185	1,953	1,484
40	51	95 235	6 983,605	90 091,978	12,900	12,431							
41	52	94 880	6 517,640	83 108,373	12,751	12,282							
42	53	94 490	6 080,417	76 590,733	12,596	12,127							
43	54	94 062	5 670,130	70 510,317	12,435	11,966							
44	55	93 594	5 285,206	64 840,186	12,268	11,799							
45	56	93 077	4 923,655	59 554,980	12,096	11,627							
46	57	92 521	4 584,747	54 631,325	11,916	11,447							
47	58	91 923	4 267,100	50 046,578	11,728	11,259							
48	59	91 253	3 968,158	45 779,478	11,537	11,068							
49	60	90 531	3 687,825	41 811,320	11,338	10,869							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß   6,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	12	99 564	99 564,040	1 535 510,245	15,422	14,953	50	62	89 205	3 404,030	37 433,005	10,997	10,528
1	13	99 171	92 900,198	1 435 946,205	15,457	14,988	51	63	88 287	3 155,996	34 028,976	10,782	10,313
2	14	99 130	86 989,677	1 343 046,007	15,439	14,970	52	64	87 278	2 922,623	30 872,980	10,563	10,094
3	15	99 100	81 464,948	1 256 056,330	15,418	14,949	53	65	86 202	2 704,094	27 950,357	10,336	9,867
4	16	99 074	76 293,558	1 174 591,382	15,396	14,927	54	66	85 057	2 499,453	25 246,262	10,101	9,632
5	17	99 046	71 448,889	1 098 297,824	15,372	14,903	55	67	83 807	2 307,003	22 746,809	9,860	9,391
6	18	99 019	66 913,073	1 026 848,936	15,346	14,877	56	68	82 480	2 126,902	20 439,806	9,610	9,141
7	19	98 986	62 661,097	959 935,863	15,319	14,850	57	69	81 084	1 958,684	18 312,904	9,350	8,880
8	20	98 957	58 681,961	897 274,766	15,290	14,821	58	70	79 577	1 800,740	16 354,220	9,082	8,613
9	21	98 927	54 954,611	838 592,805	15,260	14,791	59	71	77 962	1 652,637	14 553,480	8,806	8,337
10	22	98 899	51 464,913	783 638,194	15,227	14,758	60	72	76 224	1 513,619	12 900,843	8,523	8,054
11	23	98 868	48 195,568	732 173,282	15,192	14,723	61	73	74 339	1 382,860	11 387,224	8,235	7,765
12	24	98 836	45 133,880	683 977,713	15,154	14,685	62	74	72 314	1 260,126	10 004,364	7,939	7,470
13	25	98 806	42 266,731	638 843,833	15,115	14,645	63	75	70 118	1 144,592	8 744,238	7,640	7,170
14	26	98 773	39 581,027	596 577,102	15,072	14,603	64	76	67 746	1 035,944	7 599,646	7,336	6,867
15	27	98 735	37 063,907	556 996,075	15,028	14,559	65	77	65 155	933,327	6 563,701	7,033	6,563
16	28	98 691	34 704,780	519 932,168	14,982	14,512	66	78	62 394	837,270	5 630,375	6,725	6,256
17	29	98 640	32 493,671	485 227,388	14,933	14,464	67	79	59 395	746,619	4 793,104	6,420	5,951
18	30	98 578	30 419,993	452 733,716	14,883	14,414	68	80	56 215	661,964	4 046,486	6,113	5,644
19	31	98 503	28 474,699	422 313,723	14,831	14,362	69	81	52 835	582,830	3 384,522	5,807	5,338
20	32	98 425	26 653,104	393 839,024	14,776	14,307	70	82	49 267	509,103	2 801,692	5,503	5,034
21	33	98 337	24 945,503	367 185,920	14,720	14,250	71	83	45 491	440,353	2 292,589	5,206	4,737
22	34	98 248	23 346,985	342 240,417	14,659	14,190	72	84	41 575	377,001	1 852,236	4,913	4,444
23	35	98 154	21 849,805	318 893,432	14,595	14,126	73	85	37 523	318,742	1 475,234	4,628	4,159
24	36	98 064	20 449,364	297 043,627	14,526	14,057	74	86	33 390	265,703	1 156,492	4,353	3,883
25	37	97 962	19 136,495	276 594,263	14,454	13,985	75	87	29 220	217,814	890,789	4,090	3,621
26	38	97 856	17 907,049	257 457,768	14,377	13,908	76	88	25 080	175,134	672,974	3,843	3,373
27	39	97 745	16 755,673	239 550,719	14,297	13,828	77	89	21 097	138,005	497,840	3,607	3,138
28	40	97 619	15 675,869	222 795,046	14,213	13,743	78	90	17 265	105,795	359,836	3,401	2,932
29	41	97 491	14 665,466	207 119,177	14,123	13,654	79	91	13 822	79,340	254,040	3,202	2,733
30	42	97 349	13 718,103	192 453,712	14,029	13,560	80	92	10 697	57,520	174,700	3,037	2,568
31	43	97 200	12 831,028	178 735,608	13,930	13,461	81	93	8 108	40,845	117,180	2,869	2,400
32	44	97 031	11 998,821	165 904,580	13,827	13,358	82	94	5 960	28,122	76,335	2,714	2,245
33	45	96 851	11 219,236	153 905,759	13,718	13,249	83	95	4 243	18,755	48,213	2,571	2,101
34	46	96 654	10 488,471	142 686,524	13,604	13,135	84	96	2 922	12,098	29,457	2,435	1,966
35	47	96 441	9 803,638	132 198,053	13,485	13,015	85	97	1 937	7,515	17,359	2,310	1,841
36	48	96 203	9 161,018	122 394,415	13,360	12,891	86	98	1 235	4,488	9,845	2,194	1,724
37	49	95 948	8 559,028	113 233,397	13,230	12,761	87	99	754	2,568	5,357	2,086	1,617
38	50	95 660	7 993,734	104 674,369	13,095	12,625	88	100	440	1,402	2,789	1,989	1,520
39	51	95 344	7 463,566	96 680,634	12,954	12,485							
40	52	95 002	6 966,517	89 217,068	12,807	12,337							
41	53	94 619	6 499,746	82 250,551	12,654	12,185							
42	54	94 206	6 062,136	75 750,804	12,496	12,027							
43	55	93 761	5 652,036	69 688,668	12,330	11,861							
44	56	93 263	5 266,479	64 036,633	12,159	11,690							
45	57	92 726	4 905,082	58 770,153	11,981	11,512							
46	58	92 151	4 566,424	53 865,071	11,796	11,327							
47	59	91 517	4 248,272	49 298,647	11,604	11,135							
48	60	90 822	3 949,420	45 050,375	11,407	10,938							
49	61	90 043	3 667,950	41 100,955	11,205	10,736							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß 6,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$
0	13	99 556	99 556,026	1 534 115,372	15,410	14,940	50	63	88 642	3 382,558	36 700,345	10,850	10,381
1	14	99 162	92 891,876	1 434 559,346	15,443	14,974	51	64	87 692	3 134,731	33 317,787	10,629	10,159
2	15	99 119	86 980,249	1 341 667,470	15,425	14,956	52	65	86 636	2 901,144	30 183,056	10,404	9,935
3	16	99 088	81 454,700	1 254 687,221	15,403	14,934	53	66	85 529	2 682,976	27 281,912	10,169	9,699
4	17	99 059	76 281,819	1 173 232,521	15,380	14,911	54	67	84 330	2 478,072	24 598,937	9,927	9,458
5	18	99 030	71 437,423	1 096 950,703	15,355	14,886	55	68	83 042	2 285,935	22 120,865	9,677	9,208
6	19	98 996	66 897,789	1 025 513,280	15,330	14,860	56	69	81 679	2 106,248	19 834,930	9,417	8,948
7	20	98 965	62 648,155	958 615,490	15,302	14,832	57	70	80 223	1 937,880	17 728,681	9,148	8,679
8	21	98 935	58 668,934	895 967,336	15,272	14,802	58	71	78 654	1 779,843	15 790,801	8,872	8,403
9	22	98 906	54 943,109	837 298,402	15,239	14,770	59	72	76 958	1 631,356	14 010,958	8,589	8,119
10	23	98 876	51 453,368	782 355,292	15,205	14,736	60	73	75 120	1 491,705	12 379,603	8,299	7,830
11	24	98 845	48 184,552	730 901,925	15,169	14,700	61	74	73 131	1 360,373	10 887,898	8,004	7,534
12	25	98 817	45 124,757	682 717,373	15,130	14,660	62	75	70 968	1 236,678	9 527,524	7,704	7,235
13	26	98 784	42 257,433	637 592,616	15,088	14,619	63	76	68 613	1 120,032	8 290,846	7,402	6,933
14	27	98 749	39 571,660	595 335,183	15,044	14,575	64	77	66 086	1 010,571	7 170,815	7,096	6,627
15	28	98 708	37 053,950	555 763,523	14,999	14,530	65	78	63 348	907,451	6 160,244	6,789	6,319
16	29	98 666	34 696,004	518 709,573	14,950	14,481	66	79	60 394	810,421	5 252,792	6,482	6,012
17	30	98 612	32 484,348	484 013,569	14,900	14,431	67	80	57 238	719,512	4 442,372	6,174	5,705
18	31	98 550	30 411,384	451 529,221	14,847	14,378	68	81	53 867	634,317	3 722,860	5,869	5,400
19	32	98 473	28 466,099	421 117,837	14,794	14,325	69	82	50 321	555,093	3 088,543	5,564	5,095
20	33	98 390	26 643,656	392 651,738	14,737	14,268	70	83	46 550	481,029	2 533,450	5,267	4,798
21	34	98 301	24 936,382	366 008,082	14,678	14,209	71	84	42 638	412,738	2 052,421	4,973	4,504
22	35	98 206	23 337,068	341 071,700	14,615	14,146	72	85	38 568	349,738	1 639,683	4,688	4,219
23	36	98 115	21 841,114	317 734,632	14,548	14,078	73	86	34 418	292,365	1 289,945	4,412	3,943
24	37	98 017	20 439,646	295 893,518	14,476	14,007	74	87	30 244	240,668	997,580	4,145	3,676
25	38	97 910	19 126,283	275 453,872	14,402	13,933	75	88	26 056	194,227	756,912	3,897	3,428
26	39	97 802	17 897,080	256 327,590	14,322	13,853	76	89	22 013	153,717	562,685	3,661	3,191
27	40	97 680	16 744,588	238 430,510	14,239	13,770	77	90	18 111	118,475	408,968	3,452	2,983
28	41	97 550	15 664,798	221 685,922	14,152	13,683	78	91	14 592	89,419	290,493	3,249	2,780
29	42	97 413	14 653,711	206 021,124	14,059	13,590	79	92	11 366	65,242	201,075	3,082	2,613
30	43	97 262	13 705,893	191 367,412	13,962	13,493	80	93	8 673	46,636	135,832	2,913	2,443
31	44	97 100	12 817,890	177 661,519	13,860	13,391	81	94	6 428	32,380	89,197	2,755	2,286
32	45	96 922	11 985,344	164 843,629	13,754	13,285	82	95	4 613	21,770	56,817	2,610	2,141
33	46	96 728	11 204,996	152 858,285	13,642	13,173	83	96	3 203	14,159	35,047	2,475	2,006
34	47	96 518	10 473,691	141 653,289	13,525	13,056	84	97	2 148	8,896	20,887	2,348	1,879
35	48	96 284	9 787,608	131 179,598	13,403	12,933	85	98	1 386	5,375	11,992	2,231	1,762
36	49	96 033	9 144,817	121 391,989	13,274	12,805	86	99	858	3,118	6,617	2,122	1,653
37	50	95 751	8 541,416	112 247,172	13,142	12,672	87	100	509	1,731	3,499	2,021	1,552
38	51	95 449	7 976,124	103 705,756	13,002	12,533							
39	52	95 111	7 445,305	95 729,632	12,858	12,389							
40	53	94 741	6 947,392	88 284,327	12,708	12,238							
41	54	94 335	6 480,205	81 336,935	12,552	12,082							
42	55	93 905	6 042,790	74 856,731	12,388	11,919							
43	56	93 429	5 632,010	68 813,940	12,218	11,749							
44	57	92 911	5 246,613	63 181,931	12,042	11,573							
45	58	92 355	4 885,479	57 935,318	11,859	11,390							
46	59	91 744	4 546,276	53 049,839	11,669	11,200							
47	60	91 085	4 228,211	48 503,563	11,471	11,002							
48	61	90 333	3 928,135	44 275,352	11,271	10,802							
49	62	89 525	3 646,871	40 347,217	11,064	10,594							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß   6,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	14	99 547	99 547,108	1 532 617,547	15,396	14,927	50	64	88 045	3 359,767	35 924,574	10,693	10,223
1	15	99 151	92 881,808	1 433 070,440	15,429	14,960	51	65	87 048	3 111,693	32 564,807	10,465	9,996
2	16	99 106	86 969,308	1 340 188,632	15,410	14,941	52	66	85 960	2 878,486	29 453,114	10,232	9,763
3	17	99 072	81 442,167	1 253 219,324	15,388	14,919	53	67	84 798	2 660,025	26 574,628	9,990	9,521
4	18	99 043	76 269,577	1 171 777,158	15,364	14,894	54	68	83 559	2 455,442	23 914,603	9,739	9,270
5	19	99 007	71 421,106	1 095 507,580	15,339	14,870	55	69	82 236	2 263,737	21 459,161	9,480	9,010
6	20	98 976	66 883,972	1 024 086,474	15,311	14,842	56	70	80 812	2 083,877	19 195,425	9,211	8,742
7	21	98 943	62 634,248	957 202,502	15,282	14,813	57	71	79 292	1 915,392	17 111,548	8,934	8,465
8	22	98 915	58 656,655	894 568,255	15,251	14,782	58	72	77 641	1 756,923	15 196,156	8,649	8,180
9	23	98 884	54 930,784	835 911,600	15,218	14,748	59	73	75 844	1 607,738	13 439,233	8,359	7,890
10	24	98 854	51 441,606	780 980,816	15,182	14,713	60	74	73 899	1 467,448	11 831,495	8,063	7,594
11	25	98 825	48 174,812	729 539,209	15,144	14,674	61	75	71 770	1 335,060	10 364,047	7,763	7,294
12	26	98 795	45 114,830	681 364,397	15,103	14,634	62	76	69 446	1 210,142	9 028,987	7,461	6,992
13	27	98 760	42 247,432	636 249,567	15,060	14,591	63	77	66 933	1 092,599	7 818,846	7,156	6,687
14	28	98 723	39 561,029	594 002,135	15,015	14,546	64	78	64 254	982,554	6 726,247	6,846	6,377
15	29	98 683	37 044,580	554 441,106	14,967	14,498	65	79	61 317	878,351	5 743,692	6,539	6,070
16	30	98 637	34 686,049	517 396,526	14,917	14,447	66	80	58 201	780,997	4 865,341	6,230	5,761
17	31	98 584	32 475,154	482 710,477	14,864	14,395	67	81	54 848	689,461	4 084,344	5,924	5,455
18	32	98 521	30 402,199	450 235,322	14,809	14,340	68	82	51 303	604,130	3 394,883	5,619	5,150
19	33	98 438	28 456,009	419 833,124	14,754	14,285	69	83	47 546	524,483	2 790,753	5,321	4,852
20	34	98 354	26 633,914	391 377,115	14,695	14,226	70	84	43 631	450,863	2 266,271	5,027	4,557
21	35	98 259	24 925,790	364 743,201	14,633	14,164	71	85	39 554	382,890	1 815,408	4,741	4,272
22	36	98 167	23 327,785	339 817,411	14,567	14,098	72	86	35 377	320,796	1 432,517	4,466	3,996
23	37	98 069	21 830,735	316 489,626	14,497	14,028	73	87	31 175	264,818	1 111,722	4,198	3,729
24	38	97 965	20 428,738	294 658,891	14,424	13,955	74	88	26 969	214,605	846,904	3,946	3,477
25	39	97 856	19 115,635	274 230,154	14,346	13,877	75	89	22 869	170,475	632,299	3,709	3,240
26	40	97 737	17 885,240	255 114,519	14,264	13,795	76	90	18 898	131,964	461,823	3,500	3,030
27	41	97 611	16 732,763	237 229,279	14,178	13,708	77	91	15 308	100,135	329,859	3,294	2,825
28	42	97 471	15 652,243	220 496,516	14,087	13,618	78	92	11 999	73,530	229,724	3,124	2,655
29	43	97 326	14 640,668	204 844,273	13,991	13,522	79	93	9 215	52,897	156,194	2,953	2,484
30	44	97 163	13 691,859	190 203,605	13,892	13,423	80	94	6 875	36,970	103,297	2,794	2,325
31	45	96 991	12 803,494	176 511,746	13,786	13,317	81	95	4 976	25,066	66,327	2,646	2,177
32	46	96 799	11 970,132	163 708,252	13,676	13,207	82	96	3 483	16,435	41,261	2,511	2,041
33	47	96 592	11 189,207	151 738,120	13,561	13,092	83	97	2 355	10,411	24,826	2,385	1,915
34	48	96 360	10 456,566	140 548,914	13,441	12,972	84	98	1 536	6,362	14,414	2,266	1,796
35	49	96 113	9 770,300	130 092,348	13,315	12,846	85	99	963	3,734	8,052	2,156	1,687
36	50	95 835	9 126,001	120 322,048	13,185	12,715	86	100	578	2,102	4,318	2,054	1,585
37	51	95 540	8 522,600	111 196,048	13,047	12,578							
38	52	95 215	7 956,608	102 673,448	12,904	12,435							
39	53	94 850	7 424,864	94 716,840	12,757	12,288							
40	54	94 456	6 926,504	87 291,976	12,603	12,133							
41	55	94 034	6 459,525	80 365,471	12,441	11,972							
42	56	93 572	6 021,379	73 905,947	12,274	11,805							
43	57	93 077	5 610,765	67 884,567	12,099	11,630							
44	58	92 539	5 225,645	62 273,802	11,917	11,448							
45	59	91 948	4 863,923	57 048,158	11,729	11,260							
46	60	91 311	4 524,808	52 184,235	11,533	11,064							
47	61	90 594	4 205,424	47 659,427	11,333	10,864							
48	62	89 814	3 905,561	43 454,003	11,126	10,657							
49	63	88 961	3 623,868	39 548,442	10,913	10,444							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß   6,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$
0	15	99 536	99 536,318	1 531 010,742	15,381	14,912	50	65	87 398	3 335,075	35 104,217	10,526	10,057
1	16	99 139	92 870,124	1 431 474,424	15,414	14,945	51	66	86 368	3 087,391	31 769,142	10,290	9,821
2	17	99 091	86 955,925	1 338 604,299	15,394	14,925	52	67	85 224	2 853,863	28 681,751	10,050	9,581
3	18	99 057	81 429,097	1 251 648,374	15,371	14,902	53	68	84 023	2 635,733	25 827,889	9,799	9,330
4	19	99 020	76 252,157	1 170 219,277	15,347	14,878	54	69	82 748	2 431,598	23 192,156	9,538	9,069
5	20	98 987	71 406,355	1 093 967,120	15,320	14,851	55	70	81 362	2 239,693	20 760,558	9,269	8,800
6	21	98 954	66 869,124	1 022 560,765	15,292	14,823	56	71	79 874	2 059,694	18 520,865	8,992	8,523
7	22	98 923	62 621,139	955 691,641	15,261	14,792	57	72	78 271	1 890,727	16 461,171	8,706	8,237
8	23	98 892	58 643,497	893 070,502	15,229	14,760	58	73	76 517	1 731,487	14 570,445	8,415	7,946
9	24	98 862	54 918,228	834 427,005	15,194	14,725	59	74	74 611	1 581,594	12 838,958	8,118	7,649
10	25	98 834	51 431,208	779 508,778	15,156	14,687	60	75	72 523	1 440,142	11 257,364	7,817	7,348
11	26	98 803	48 164,215	728 077,569	15,117	14,647	61	76	70 230	1 306,412	9 817,221	7,515	7,046
12	27	98 771	45 104,153	679 913,355	15,074	14,605	62	77	67 745	1 180,502	8 510,809	7,209	6,740
13	28	98 734	42 236,082	634 809,202	15,030	14,561	63	78	65 077	1 062,308	7 330,307	6,900	6,431
14	29	98 698	39 551,025	592 573,119	14,982	14,513	64	79	62 194	951,046	6 267,999	6,591	6,122
15	30	98 655	37 033,951	553 022,094	14,933	14,464	65	80	59 091	846,462	5 316,954	6,281	5,812
16	31	98 609	34 676,232	515 988,143	14,880	14,411	66	81	55 770	748,379	4 470,492	5,974	5,504
17	32	98 554	32 465,346	481 311,911	14,825	14,356	67	82	52 237	656,649	3 722,113	5,668	5,199
18	33	98 486	30 391,422	448 846,565	14,769	14,300	68	83	48 474	570,815	3 065,464	5,370	4,901
19	34	98 402	28 445,604	418 455,144	14,711	14,242	69	84	44 564	491,591	2 494,649	5,075	4,606
20	35	98 312	26 622,601	390 009,539	14,650	14,180	70	85	40 476	418,258	2 003,057	4,789	4,320
21	36	98 220	24 915,875	363 386,939	14,585	14,115	71	86	36 281	351,204	1 584,799	4,512	4,043
22	37	98 121	23 316,700	338 471,063	14,516	14,047	72	87	32 043	290,570	1 233,594	4,245	3,776
23	38	98 016	21 819,084	315 154,364	14,444	13,975	73	88	27 799	236,140	943,025	3,993	3,524
24	39	97 910	20 417,365	293 335,280	14,367	13,898	74	89	23 671	188,362	706,885	3,753	3,284
25	40	97 791	19 102,989	272 917,915	14,287	13,818	75	90	19 633	146,350	518,523	3,543	3,074
26	41	97 668	17 872,609	253 814,926	14,201	13,732	76	91	15 973	111,536	372,173	3,337	2,868
27	42	97 533	16 719,352	235 942,317	14,112	13,643	77	92	12 588	82,343	260,636	3,165	2,696
28	43	97 385	15 638,311	219 222,966	14,018	13,549	78	93	9 729	59,616	178,294	2,991	2,522
29	44	97 226	14 625,677	203 584,655	13,920	13,451	79	94	7 305	41,934	118,677	2,830	2,361
30	45	97 053	13 676,481	188 958,978	13,816	13,347	80	95	5 322	28,619	76,743	2,682	2,212
31	46	96 868	12 787,243	175 282,497	13,708	13,238	81	96	3 757	18,923	48,124	2,543	2,074
32	47	96 663	11 953,265	162 495,254	13,594	13,125	82	97	2 561	12,085	29,201	2,416	1,947
33	48	96 434	11 170,911	150 541,989	13,476	13,007	83	98	1 685	7,446	17,116	2,299	1,829
34	49	96 190	10 438,074	139 371,078	13,352	12,883	84	99	1 068	4,421	9,670	2,187	1,718
35	50	95 916	9 750,196	128 933,004	13,224	12,755	85	100	649	2,517	5,249	2,085	1,616
36	51	95 624	9 105,896	119 182,808	13,089	12,619							
37	52	95 306	8 501,747	110 076,912	12,948	12,478							
38	53	94 954	7 934,764	101 575,166	12,801	12,332							
39	54	94 565	7 402,541	93 640,401	12,650	12,181							
40	55	94 155	6 904,400	86 237,860	12,490	12,021							
41	56	93 701	6 436,638	79 333,460	12,325	11,856							
42	57	93 219	5 998,666	72 896,822	12,152	11,683							
43	58	92 705	5 588,341	66 898,156	11,971	11,502							
44	59	92 131	5 202,587	61 309,816	11,784	11,315							
45	60	91 514	4 840,955	56 107,228	11,590	11,121							
46	61	90 819	4 500,422	51 266,273	11,391	10,922							
47	62	90 074	4 181,257	46 765,851	11,185	10,716							
48	63	89 247	3 880,926	42 584,594	10,973	10,504							
49	64	88 361	3 599,451	38 703,668	10,753	10,284							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß   6,75%

Mann	Frau						Mann	Frau				
x	y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	x	y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	16	99 524	99 523,797	1 529 289,585	15,366	14,897	50	66	86 715	3 309,028	34 238,360	10,347	9,878
1	17	99 124	92 855,834	1 429 765,787	15,398	14,929	51	67	85 629	3 060,980	30 929,332	10,104	9,635
2	18	99 075	86 941,971	1 336 909,953	15,377	14,908	52	68	84 446	2 827,801	27 868,351	9,855	9,386
3	19	99 034	81 410,498	1 249 967,982	15,354	14,885	53	69	83 207	2 610,138	25 040,551	9,594	9,124
4	20	99 000	76 236,408	1 168 557,484	15,328	14,859	54	70	81 869	2 405,771	22 430,413	9,324	8,854
5	21	98 965	71 390,503	1 092 321,076	15,301	14,832	55	71	80 418	2 213,702	20 024,642	9,046	8,577
6	22	98 933	66 855,129	1 020 930,573	15,271	14,802	56	72	78 845	2 033,171	17 810,941	8,760	8,291
7	23	98 901	62 607,091	954 075,444	15,239	14,770	57	73	77 137	1 863,353	15 777,770	8,467	7,998
8	24	98 870	58 630,092	891 468,353	15,205	14,736	58	74	75 272	1 703,331	13 914,416	8,169	7,700
9	25	98 842	54 907,127	832 838,261	15,168	14,699	59	75	73 222	1 552,164	12 211,085	7,867	7,398
10	26	98 812	51 419,894	777 931,134	15,129	14,660	60	76	70 967	1 409,240	10 658,921	7,564	7,094
11	27	98 780	48 152,816	726 511,240	15,088	14,618	61	77	68 510	1 274,415	9 249,681	7,258	6,789
12	28	98 745	45 092,036	678 358,424	15,044	14,575	62	78	65 867	1 147,774	7 975,266	6,948	6,479
13	29	98 709	42 225,402	633 266,388	14,997	14,528	63	79	62 990	1 028,242	6 827,493	6,640	6,171
14	30	98 670	39 539,677	591 040,986	14,948	14,479	64	80	59 936	916,517	5 799,251	6,327	5,858
15	31	98 627	37 023,469	551 501,309	14,896	14,427	65	81	56 623	811,109	4 882,734	6,020	5,551
16	32	98 580	34 665,759	514 477,840	14,841	14,372	66	82	53 116	712,763	4 071,625	5,712	5,243
17	33	98 519	32 453,838	479 812,080	14,784	14,315	67	83	49 357	620,439	3 358,862	5,414	4,945
18	34	98 450	30 380,310	447 358,243	14,725	14,256	68	84	45 434	535,019	2 738,423	5,118	4,649
19	35	98 360	28 433,521	416 977,933	14,665	14,196	69	85	41 342	456,042	2 203,405	4,832	4,362
20	36	98 273	26 612,011	388 544,412	14,600	14,131	70	86	37 126	383,646	1 747,363	4,555	4,086
21	37	98 174	24 904,035	361 932,401	14,533	14,064	71	87	32 863	318,113	1 363,718	4,287	3,818
22	38	98 068	23 304,256	337 028,366	14,462	13,993	72	88	28 573	259,103	1 045,605	4,035	3,566
23	39	97 962	21 806,937	313 724,110	14,386	13,917	73	89	24 399	207,263	786,501	3,795	3,326
24	40	97 846	20 403,858	291 917,173	14,307	13,838	74	90	20 321	161,706	579,238	3,582	3,113
25	41	97 722	19 089,498	271 513,315	14,223	13,754	75	91	16 594	123,696	417,533	3,375	2,906
26	42	97 590	17 858,284	252 423,817	14,135	13,666	76	92	13 134	91,718	293,837	3,204	2,735
27	43	97 446	16 704,470	234 565,533	14,042	13,573	77	93	10 206	66,761	202,119	3,027	2,558
28	44	97 285	15 622,298	217 861,063	13,946	13,476	78	94	7 713	47,261	135,358	2,864	2,395
29	45	97 117	14 609,250	202 238,765	13,843	13,374	79	95	5 655	32,462	88,097	2,714	2,245
30	46	96 930	13 659,122	187 629,515	13,737	13,267	80	96	4 018	21,606	55,635	2,575	2,106
31	47	96 732	12 769,224	173 970,392	13,624	13,155	81	97	2 762	13,914	34,029	2,446	1,977
32	48	96 505	11 933,720	161 201,168	13,508	13,039	82	98	1 832	8,643	20,115	2,327	1,858
33	49	96 263	11 151,156	149 267,448	13,386	12,917	83	99	1 170	5,174	11,471	2,217	1,748
34	50	95 992	10 416,596	138 116,292	13,259	12,790	84	100	720	2,980	6,298	2,113	1,644
35	51	95 704	9 728,716	127 699,696	13,126	12,657							
36	52	95 390	9 083,616	117 970,980	12,987	12,518							
37	53	95 044	8 478,406	108 887,364	12,843	12,374							
38	54	94 669	7 910,908	100 408,958	12,692	12,223							
39	55	94 263	7 378,918	92 498,050	12,535	12,066							
40	56	93 821	6 879,937	85 119,132	12,372	11,903							
41	57	93 347	6 412,357	78 239,195	12,201	11,732							
42	58	92 847	5 974,692	71 826,838	12,022	11,553							
43	59	92 296	5 563,683	65 852,146	11,836	11,367							
44	60	91 696	5 178,021	60 288,463	11,643	11,174							
45	61	91 020	4 814,865	55 110,442	11,446	10,977							
46	62	90 297	4 474,559	50 295,577	11,240	10,771							
47	63	89 505	4 154,883	45 821,017	11,028	10,559							
48	64	88 646	3 854,777	41 666,134	10,809	10,340							
49	65	87 712	3 572,997	37 811,357	10,583	10,113							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß   6,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	17	99 508	99 508,483	1 527 448,216	15,350	14,881	50	67	85 973	3 280,722	33 325,473	10,158	9,689
1	18	99 108	92 840,933	1 427 939,733	15,380	14,911	51	68	84 847	3 033,026	30 044,752	9,906	9,437
2	19	99 053	86 922,113	1 335 098,800	15,360	14,891	52	69	83 626	2 800,341	27 011,725	9,646	9,177
3	20	99 013	81 393,684	1 248 176,687	15,335	14,866	53	70	82 323	2 582,414	24 211,384	9,375	8,906
4	21	98 978	76 219,484	1 166 783,003	15,308	14,839	54	71	80 919	2 377,852	21 628,970	9,096	8,627
5	22	98 944	71 375,562	1 090 563,520	15,279	14,810	55	72	79 382	2 185,195	19 251,118	8,810	8,341
6	23	98 911	66 840,132	1 019 187,958	15,248	14,779	56	73	77 704	2 003,735	17 065,922	8,517	8,048
7	24	98 878	62 592,780	952 347,826	15,215	14,746	57	74	75 883	1 833,053	15 062,187	8,217	7,748
8	25	98 850	58 618,241	889 755,046	15,179	14,710	58	75	73 872	1 671,636	13 229,134	7,914	7,445
9	26	98 820	54 895,048	831 136,805	15,140	14,671	59	76	71 651	1 518,858	11 557,498	7,609	7,140
10	27	98 789	51 407,725	776 241,757	15,100	14,631	60	77	69 229	1 374,724	10 038,640	7,302	6,833
11	28	98 753	48 139,880	724 834,032	15,057	14,588	61	78	66 610	1 239,083	8 663,916	6,992	6,523
12	29	98 720	45 080,633	676 694,152	15,011	14,542	62	79	63 754	1 110,967	7 424,833	6,683	6,214
13	30	98 681	42 213,287	631 613,519	14,962	14,493	63	80	60 703	990,910	6 313,866	6,372	5,903
14	31	98 642	39 528,486	589 400,232	14,911	14,442	64	81	57 432	878,238	5 322,956	6,061	5,592
15	32	98 597	37 012,287	549 871,746	14,856	14,387	65	82	53 928	772,508	4 444,718	5,754	5,284
16	33	98 545	34 653,471	512 859,459	14,800	14,331	66	83	50 187	673,458	3 672,210	5,453	4,984
17	34	98 483	32 441,971	478 205,988	14,740	14,271	67	84	46 262	581,530	2 998,752	5,157	4,688
18	35	98 408	30 367,405	445 764,016	14,679	14,210	68	85	42 149	496,328	2 417,222	4,870	4,401
19	36	98 321	28 422,211	415 396,611	14,615	14,146	69	86	37 920	418,302	1 920,893	4,592	4,123
20	37	98 227	26 599,365	386 974,400	14,548	14,079	70	87	33 628	347,498	1 502,591	4,324	3,855
21	38	98 121	24 890,744	360 375,035	14,478	14,009	71	88	29 304	283,664	1 155,094	4,072	3,603
22	39	98 014	23 291,282	335 484,291	14,404	13,935	72	89	25 079	227,418	871,430	3,832	3,363
23	40	97 897	21 792,511	312 193,009	14,326	13,857	73	90	20 946	177,932	644,011	3,619	3,150
24	41	97 777	20 389,448	290 400,498	14,243	13,774	74	91	17 176	136,674	466,079	3,410	2,941
25	42	97 644	19 074,198	270 011,050	14,156	13,687	75	92	13 645	101,717	329,405	3,238	2,769
26	43	97 503	17 842,389	250 936,852	14,064	13,595	76	93	10 649	74,362	227,688	3,062	2,593
27	44	97 347	16 687,366	233 094,464	13,968	13,499	77	94	8 091	52,925	153,326	2,897	2,428
28	45	97 176	15 604,752	216 407,098	13,868	13,399	78	95	5 970	36,585	100,401	2,744	2,275
29	46	96 994	14 590,708	200 802,346	13,762	13,293	79	96	4 269	24,507	63,816	2,604	2,135
30	47	96 794	13 639,875	186 211,639	13,652	13,183	80	97	2 954	15,887	39,309	2,474	2,005
31	48	96 574	12 748,345	172 571,763	13,537	13,068	81	98	1 976	9,952	23,422	2,354	1,884
32	49	96 334	11 912,616	159 823,418	13,416	12,947	82	99	1 273	6,005	13,470	2,243	1,774
33	50	96 065	11 128,211	147 910,802	13,292	12,822	83	100	789	3,488	7,465	2,140	1,671
34	51	95 780	10 393,648	136 782,591	13,160	12,691							
35	52	95 470	9 704,912	126 388,943	13,023	12,554							
36	53	95 128	9 058,678	116 684,031	12,881	12,412							
37	54	94 759	8 452,915	107 625,353	12,732	12,263							
38	55	94 366	7 885,663	99 172,438	12,576	12,107							
39	56	93 929	7 352,773	91 286,775	12,415	11,946							
40	57	93 467	6 853,984	83 934,002	12,246	11,777							
41	58	92 974	6 386,730	77 080,018	12,069	11,600							
42	59	92 437	5 948,329	70 693,288	11,885	11,415							
43	60	91 860	5 537,412	64 744,958	11,692	11,223							
44	61	91 202	5 150,115	59 207,547	11,496	11,027							
45	62	90 497	4 787,196	54 057,432	11,292	10,823							
46	63	89 727	4 446,336	49 270,236	11,081	10,612							
47	64	88 902	4 126,888	44 823,901	10,861	10,392							
48	65	87 994	3 826,447	40 697,013	10,636	10,167							
49	66	87 027	3 545,093	36 870,566	10,400	9,931							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß   6,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	18	99 493	99 492,515	1 525 481,545	15,333	14,863	50	68	85 188	3 250,761	32 364,920	9,956	9,487
1	19	99 085	92 819,727	1 425 989,030	15,363	14,894	51	69	84 023	3 003,574	29 114,159	9,693	9,224
2	20	99 032	86 904,160	1 333 169,303	15,341	14,872	52	70	82 738	2 770,597	26 110,585	9,424	8,955
3	21	98 992	81 375,615	1 246 265,143	15,315	14,846	53	71	81 368	2 552,446	23 339,988	9,144	8,675
4	22	98 957	76 203,532	1 164 889,528	15,287	14,817	54	72	79 877	2 347,232	20 787,542	8,856	8,387
5	23	98 922	71 359,550	1 088 685,996	15,256	14,787	55	73	78 233	2 153,559	18 440,310	8,563	8,094
6	24	98 888	66 824,853	1 017 326,446	15,224	14,755	56	74	76 440	1 971,152	16 286,751	8,263	7,793
7	25	98 858	62 580,128	950 501,593	15,189	14,719	57	75	74 471	1 798,944	14 315,599	7,958	7,489
8	26	98 828	58 605,346	887 921,465	15,151	14,682	58	76	72 287	1 635,766	12 516,654	7,652	7,183
9	27	98 796	54 882,057	829 316,119	15,111	14,642	59	77	69 896	1 481,657	10 880,888	7,344	6,875
10	28	98 762	51 393,914	774 434,062	15,069	14,599	60	78	67 310	1 336,611	9 399,231	7,032	6,563
11	29	98 728	48 127,706	723 040,148	15,023	14,554	61	79	64 474	1 199,348	8 062,620	6,723	6,253
12	30	98 692	45 067,699	674 912,442	14,976	14,506	62	80	61 440	1 070,632	6 863,272	6,410	5,941
13	31	98 653	42 201,339	629 844,743	14,925	14,456	63	81	58 168	949,524	5 792,640	6,101	5,631
14	32	98 612	39 516,548	587 643,404	14,871	14,402	64	82	54 699	836,442	4 843,116	5,790	5,321
15	33	98 562	36 999,167	548 126,856	14,815	14,345	65	83	50 954	729,908	4 006,673	5,489	5,020
16	34	98 509	34 640,801	511 127,689	14,755	14,286	66	84	47 040	631,225	3 276,765	5,191	4,722
17	35	98 441	32 428,191	476 486,888	14,694	14,224	67	85	42 916	539,476	2 645,540	4,904	4,435
18	36	98 369	30 355,326	444 058,697	14,629	14,160	68	86	38 661	455,255	2 106,064	4,626	4,157
19	37	98 275	28 408,705	413 703,371	14,563	14,093	69	87	34 348	378,889	1 650,809	4,357	3,888
20	38	98 174	26 585,169	385 294,666	14,493	14,024	70	88	29 987	309,866	1 271,920	4,105	3,636
21	39	98 067	24 876,887	358 709,497	14,419	13,950	71	89	25 720	248,976	962,054	3,864	3,395
22	40	97 949	23 275,874	333 832,610	14,342	13,873	72	90	21 530	195,235	713,078	3,652	3,183
23	41	97 828	21 777,120	310 556,736	14,261	13,792	73	91	17 704	150,389	517,844	3,443	2,974
24	42	97 698	20 373,106	288 779,616	14,175	13,705	74	92	14 124	112,389	367,455	3,269	2,800
25	43	97 557	19 057,220	268 406,510	14,084	13,615	75	93	11 063	82,469	255,066	3,093	2,624
26	44	97 403	17 824,119	249 349,290	13,989	13,520	76	94	8 442	58,951	172,596	2,928	2,459
27	45	97 237	16 668,623	231 525,171	13,890	13,421	77	95	6 263	40,970	113,646	2,774	2,305
28	46	97 052	15 584,946	214 856,548	13,786	13,317	78	96	4 507	27,620	72,676	2,631	2,162
29	47	96 857	14 570,148	199 271,602	13,677	13,208	79	97	3 139	18,020	45,056	2,500	2,031
30	48	96 635	13 617,572	184 701,454	13,563	13,094	80	98	2 113	11,363	27,036	2,379	1,910
31	49	96 403	12 725,801	171 083,882	13,444	12,975	81	99	1 373	6,915	15,673	2,267	1,798
32	50	96 136	11 888,104	158 358,082	13,321	12,852	82	100	858	4,048	8,759	2,164	1,694
33	51	95 853	11 103,695	146 469,978	13,191	12,722							
34	52	95 546	10 368,217	135 366,282	13,056	12,587							
35	53	95 208	9 678,268	124 998,065	12,915	12,446							
36	54	94 842	9 031,443	115 319,797	12,769	12,300							
37	55	94 456	8 425,940	106 288,354	12,614	12,145							
38	56	94 032	7 857,723	97 862,414	12,454	11,985							
39	57	93 574	7 325,037	90 004,691	12,287	11,818							
40	58	93 093	6 826,592	82 679,654	12,111	11,642							
41	59	92 564	6 358,550	75 853,062	11,929	11,460							
42	60	92 001	5 920,241	69 494,512	11,738	11,269							
43	61	91 365	5 507,568	63 574,271	11,543	11,074							
44	62	90 678	5 120,518	58 066,703	11,340	10,871							
45	63	89 927	4 757,000	52 946,184	11,130	10,661							
46	64	89 123	4 416,377	48 189,185	10,911	10,442							
47	65	88 249	4 096,558	43 772,808	10,685	10,216							
48	66	87 307	3 796,563	39 676,250	10,451	9,981							
49	67	86 283	3 514,767	35 879,687	10,208	9,739							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß   6,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	19	99 470	99 469,790	1 523 381,850	15,315	14,846	50	69	84 361	3 219,194	31 355,396	9,740	9,271
1	20	99 065	92 800,556	1 423 912,060	15,344	14,875	51	70	83 131	2 971,671	28 136,202	9,468	8,999
2	21	99 010	86 884,868	1 331 111,503	15,320	14,851	52	71	81 778	2 738,445	25 164,530	9,189	8,720
3	22	98 971	81 358,584	1 244 226,635	15,293	14,824	53	72	80 320	2 519,578	22 426,085	8,901	8,432
4	23	98 935	76 186,437	1 162 868,051	15,263	14,794	54	73	78 721	2 313,250	19 906,507	8,605	8,136
5	24	98 899	71 343,239	1 086 681,614	15,232	14,763	55	74	76 961	2 118,539	17 593,258	8,304	7,835
6	25	98 868	66 811,346	1 015 338,376	15,197	14,728	56	75	75 018	1 934,474	15 474,718	7,999	7,530
7	26	98 836	62 566,362	948 527,030	15,160	14,691	57	76	72 873	1 760,343	13 540,245	7,692	7,223
8	27	98 805	58 591,476	885 960,668	15,121	14,652	58	77	70 516	1 595,702	11 779,902	7,382	6,913
9	28	98 770	54 867,313	827 369,192	15,079	14,610	59	78	67 958	1 440,580	10 184,200	7,070	6,600
10	29	98 737	51 380,918	772 501,880	15,035	14,566	60	79	65 151	1 293,748	8 743,620	6,758	6,289
11	30	98 700	48 113,897	721 120,962	14,988	14,519	61	80	62 133	1 155,805	7 449,872	6,446	5,976
12	31	98 664	45 054,943	673 007,064	14,937	14,468	62	81	58 874	1 025,917	6 294,067	6,135	5,666
13	32	98 623	42 188,593	627 952,121	14,884	14,415	63	82	55 400	904,336	5 268,151	5,825	5,356
14	33	98 577	39 502,540	585 763,528	14,829	14,359	64	83	51 683	790,317	4 363,814	5,522	5,052
15	34	98 526	36 985,639	546 260,987	14,770	14,300	65	84	47 759	684,135	3 573,497	5,223	4,754
16	35	98 467	34 626,086	509 275,348	14,708	14,239	66	85	43 638	585,577	2 889,362	4,934	4,465
17	36	98 402	32 415,292	474 649,262	14,643	14,174	67	86	39 365	494,832	2 303,785	4,656	4,187
18	37	98 322	30 340,901	442 233,970	14,576	14,106	68	87	35 018	412,360	1 808,953	4,387	3,918
19	38	98 222	28 393,544	411 893,069	14,507	14,037	69	88	30 628	337,858	1 396,594	4,134	3,665
20	39	98 119	26 570,369	383 499,526	14,433	13,964	70	89	26 320	271,974	1 058,735	3,893	3,424
21	40	98 002	24 860,430	356 929,157	14,357	13,888	71	90	22 080	213,741	786,762	3,681	3,212
22	41	97 880	23 259,436	332 068,727	14,277	13,808	72	91	18 197	165,013	573,020	3,473	3,003
23	42	97 749	21 759,666	308 809,291	14,192	13,723	73	92	14 558	123,667	408,007	3,299	2,830
24	43	97 611	20 354,972	287 049,625	14,102	13,633	74	93	11 451	91,122	284,340	3,120	2,651
25	44	97 457	19 037,706	266 694,653	14,009	13,540	75	94	8 770	65,377	193,218	2,955	2,486
26	45	97 294	17 804,100	247 656,947	13,910	13,441	76	95	6 535	45,635	127,841	2,801	2,332
27	46	97 114	16 647,467	229 852,847	13,807	13,338	77	96	4 728	30,930	82,206	2,658	2,189
28	47	96 916	15 562,985	213 205,380	13,700	13,230	78	97	3 314	20,309	51,276	2,525	2,056
29	48	96 699	14 546,324	197 642,395	13,587	13,118	79	98	2 245	12,888	30,967	2,403	1,934
30	49	96 464	13 593,491	183 096,071	13,469	13,000	80	99	1 468	7,895	18,079	2,290	1,821
31	50	96 204	12 699,615	169 502,581	13,347	12,878	81	100	925	4,661	10,184	2,185	1,716
32	51	95 924	11 861,915	156 802,965	13,219	12,750							
33	52	95 619	11 076,527	144 941,051	13,085	12,616							
34	53	95 284	10 339,753	133 864,524	12,947	12,477							
35	54	94 922	9 649,170	123 524,771	12,802	12,332							
36	55	94 539	9 002,621	113 875,601	12,649	12,180							
37	56	94 121	8 396,086	104 872,980	12,491	12,022							
38	57	93 677	7 828,082	96 476,894	12,324	11,855							
39	58	93 200	7 295,762	88 648,812	12,151	11,682							
40	59	92 683	6 796,471	81 353,050	11,970	11,501							
41	60	92 127	6 328,525	74 556,579	11,781	11,312							
42	61	91 505	5 888,335	68 228,055	11,587	11,118							
43	62	90 840	5 475,918	62 339,720	11,384	10,915							
44	63	90 106	5 088,220	56 863,802	11,176	10,706							
45	64	89 321	4 724,948	51 775,582	10,958	10,489							
46	65	88 468	4 383,919	47 050,634	10,733	10,263							
47	66	87 560	4 064,564	42 666,715	10,497	10,028							
48	67	86 560	3 764,086	38 602,151	10,255	9,786							
49	68	85 495	3 482,669	34 838,065	10,003	9,534							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß   6,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	20	99 449	99 449,245	1 521 147,449	15,296	14,827
1	21	99 043	92 779,956	1 421 698,203	15,323	14,854
2	22	98 989	86 866,684	1 328 918,248	15,298	14,829
3	23	98 949	81 340,333	1 242 051,564	15,270	14,801
4	24	98 912	76 169,022	1 160 711,231	15,239	14,769
5	25	98 879	71 328,818	1 084 542,209	15,205	14,736
6	26	98 847	66 796,649	1 013 213,391	15,169	14,699
7	27	98 813	62 551,554	946 416,743	15,130	14,661
8	28	98 778	58 575,735	883 865,188	15,089	14,620
9	29	98 745	54 853,438	825 289,453	15,045	14,576
10	30	98 709	51 366,176	770 436,015	14,999	14,530
11	31	98 672	48 100,280	719 069,839	14,949	14,480
12	32	98 634	45 041,336	670 969,559	14,897	14,428
13	33	98 588	42 173,638	625 928,223	14,842	14,373
14	34	98 541	39 488,097	583 754,585	14,783	14,314
15	35	98 484	36 969,928	544 266,488	14,722	14,253
16	36	98 428	34 612,313	507 296,560	14,657	14,187
17	37	98 355	32 399,888	472 684,247	14,589	14,120
18	38	98 269	30 324,708	440 284,358	14,519	14,050
19	39	98 167	28 377,736	409 959,650	14,447	13,977
20	40	98 055	26 552,791	381 581,914	14,371	13,902
21	41	97 933	24 842,873	355 029,122	14,291	13,822
22	42	97 801	23 240,793	330 186,250	14,207	13,738
23	43	97 662	21 740,298	306 945,456	14,119	13,650
24	44	97 511	20 334,130	285 205,158	14,026	13,557
25	45	97 347	19 016,324	264 871,028	13,929	13,459
26	46	97 170	17 781,502	245 854,704	13,826	13,357
27	47	96 977	16 624,009	228 073,202	13,720	13,250
28	48	96 757	15 537,538	211 449,193	13,609	13,140
29	49	96 528	14 520,600	195 911,656	13,492	13,023
30	50	96 266	13 565,520	181 391,056	13,371	12,902
31	51	95 992	12 671,638	167 825,536	13,244	12,775
32	52	95 689	11 832,891	155 153,898	13,112	12,643
33	53	95 356	11 046,118	143 321,007	12,975	12,506
34	54	94 997	10 308,666	132 274,889	12,831	12,362
35	55	94 619	9 618,377	121 966,223	12,681	12,211
36	56	94 204	8 970,723	112 347,846	12,524	12,055
37	57	93 766	8 364,414	103 377,123	12,359	11,890
38	58	93 303	7 796,796	95 012,709	12,186	11,717
39	59	92 789	7 263,571	87 215,912	12,007	11,538
40	60	92 245	6 764,378	79 952,341	11,820	11,350
41	61	91 630	6 294,418	73 187,964	11,627	11,158
42	62	90 979	5 854,496	66 893,546	11,426	10,957
43	63	90 267	5 441,378	61 039,049	11,218	10,748
44	64	89 499	5 053,936	55 597,671	11,001	10,532
45	65	88 664	4 690,222	50 543,735	10,776	10,307
46	66	87 777	4 349,681	45 853,513	10,542	10,073
47	67	86 811	4 029,795	41 503,832	10,299	9,830
48	68	85 770	3 729,711	37 474,037	10,047	9,578
49	69	84 664	3 448,850	33 744,326	9,784	9,315
50	70	83 465	3 185,002	30 295,476	9,512	9,043
51	71	82 166	2 937,186	27 110,474	9,230	8,761
52	72	80 724	2 703,181	24 173,288	8,943	8,473
53	73	79 157	2 483,100	21 470,107	8,646	8,177
54	74	77 440	2 275,633	18 987,006	8,344	7,874
55	75	75 529	2 079,118	16 711,373	8,038	7,569
56	76	73 408	1 892,964	14 632,255	7,730	7,261
57	77	71 088	1 717,227	12 739,290	7,419	6,949
58	78	68 561	1 551,463	11 022,063	7,104	6,635
59	79	65 779	1 394,383	9 470,600	6,792	6,323
60	80	62 786	1 246,778	8 076,217	6,478	6,009
61	81	59 538	1 107,532	6 829,440	6,166	5,697
62	82	56 072	977,093	5 721,908	5,856	5,387
63	83	52 345	854,467	4 744,815	5,553	5,084
64	84	48 442	740,755	3 890,348	5,252	4,783
65	85	44 305	634,661	3 149,593	4,963	4,494
66	86	40 027	537,118	2 514,932	4,682	4,213
67	87	35 656	448,208	1 977,814	4,413	3,944
68	88	31 226	367,704	1 529,606	4,160	3,691
69	89	26 883	296,542	1 161,902	3,918	3,449
70	90	22 595	233,485	865,359	3,706	3,237
71	91	18 663	180,655	631,874	3,498	3,029
72	92	14 964	135,693	451,219	3,325	2,856
73	93	11 803	100,266	315,527	3,147	2,678
74	94	9 078	72,237	215,261	2,980	2,511
75	95	6 789	50,610	143,024	2,826	2,357
76	96	4 934	34,452	92,414	2,682	2,213
77	97	3 477	22,743	57,962	2,549	2,079
78	98	2 370	14,525	35,220	2,425	1,956
79	99	1 560	8,955	20,694	2,311	1,842
80	100	990	5,322	11,739	2,206	1,737

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß   6,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	21	99 427	99 427,169	1 518 767,006	15,275	14,806	50	71	82 496	3 148,041	29 184,746	9,271	8,802
1	22	99 022	92 760,538	1 419 339,837	15,301	14,832	51	72	81 108	2 899,363	26 036,705	8,980	8,511
2	23	98 967	86 847,197	1 326 579,299	15,275	14,806	52	73	79 556	2 664,046	23 137,342	8,685	8,216
3	24	98 926	81 321,740	1 239 732,102	15,245	14,776	53	74	77 870	2 442,722	20 473,297	8,381	7,912
4	25	98 892	76 153,626	1 158 410,362	15,211	14,742	54	75	76 000	2 233,290	18 030,575	8,074	7,604
5	26	98 857	71 313,127	1 082 256,737	15,176	14,707	55	76	73 908	2 034,505	15 797,285	7,765	7,296
6	27	98 823	66 780,840	1 010 943,610	15,138	14,669	56	77	71 610	1 846,600	13 762,780	7,453	6,984
7	28	98 786	62 534,750	944 162,770	15,098	14,629	57	78	69 117	1 669,619	11 916,180	7,137	6,668
8	29	98 753	58 560,923	881 628,020	15,055	14,586	58	79	66 363	1 501,710	10 246,561	6,823	6,354
9	30	98 717	54 837,700	823 067,097	15,009	14,540	59	80	63 391	1 343,759	8 744,851	6,508	6,039
10	31	98 681	51 351,638	768 229,397	14,960	14,491	60	81	60 164	1 194,705	7 401,092	6,195	5,726
11	32	98 642	48 085,752	716 877,759	14,908	14,439	61	82	56 705	1 054,824	6 206,387	5,884	5,415
12	33	98 599	45 025,370	668 792,007	14,854	14,385	62	83	52 980	923,212	5 151,563	5,580	5,111
13	34	98 552	42 158,218	623 766,637	14,796	14,327	63	84	49 062	800,882	4 228,351	5,280	4,810
14	35	98 499	39 471,323	581 608,419	14,735	14,266	64	85	44 939	687,187	3 427,469	4,988	4,519
15	36	98 445	36 955,223	542 137,096	14,670	14,201	65	86	40 639	582,140	2 740,282	4,707	4,238
16	37	98 381	34 595,865	505 181,872	14,602	14,133	66	87	36 255	486,509	2 158,142	4,436	3,967
17	38	98 303	32 382,597	470 586,007	14,532	14,063	67	88	31 794	399,671	1 671,633	4,183	3,713
18	39	98 215	30 307,826	438 203,411	14,458	13,989	68	89	27 407	322,739	1 271,962	3,941	3,472
19	40	98 103	28 358,963	407 895,584	14,383	13,914	69	90	23 078	254,577	949,223	3,729	3,260
20	41	97 985	26 534,039	379 536,621	14,304	13,835	70	91	19 097	197,342	694,647	3,520	3,051
21	42	97 854	24 822,961	353 002,582	14,221	13,752	71	92	15 346	148,555	497,304	3,348	2,878
22	43	97 714	23 220,107	328 179,621	14,133	13,664	72	93	12 132	110,016	348,749	3,170	2,701
23	44	97 562	21 718,037	304 959,514	14,042	13,573	73	94	9 357	79,485	238,733	3,003	2,534
24	45	97 402	20 311,291	283 241,477	13,945	13,476	74	95	7 027	55,920	159,248	2,848	2,379
25	46	97 224	18 992,188	262 930,185	13,844	13,375	75	96	5 126	38,208	103,328	2,704	2,235
26	47	97 033	17 756,446	243 937,997	13,738	13,269	76	97	3 628	25,332	65,120	2,571	2,102
27	48	96 818	16 596,826	226 181,551	13,628	13,159	77	98	2 487	16,266	39,788	2,446	1,977
28	49	96 586	15 510,061	209 584,724	13,513	13,044	78	99	1 647	10,092	23,522	2,331	1,862
29	50	96 329	14 490,721	194 074,664	13,393	12,924	79	100	1 052	6,036	13,429	2,225	1,756
30	51	96 054	13 535,635	179 583,942	13,267	12,798							
31	52	95 758	12 640,633	166 048,307	13,136	12,667							
32	53	95 427	11 800,405	153 407,674	13,000	12,531							
33	54	95 070	11 012,907	141 607,269	12,858	12,389							
34	55	94 694	10 275,769	130 594,362	12,709	12,240							
35	56	94 284	9 584,298	120 318,593	12,554	12,085							
36	57	93 849	8 936,884	110 734,295	12,391	11,922							
37	58	93 392	8 330,985	101 797,411	12,219	11,750							
38	59	92 891	7 762,394	93 466,426	12,041	11,572							
39	60	92 351	7 229,272	85 704,032	11,855	11,386							
40	61	91 748	6 727,922	78 474,759	11,664	11,195							
41	62	91 104	6 258,246	71 746,837	11,464	10,995							
42	63	90 405	5 817,568	65 488,592	11,257	10,788							
43	64	89 659	5 404,715	59 671,023	11,041	10,571							
44	65	88 841	5 016,793	54 266,309	10,817	10,348							
45	66	87 972	4 653,592	49 249,516	10,583	10,114							
46	67	87 026	4 312,473	44 595,924	10,341	9,872							
47	68	86 018	3 992,993	40 283,451	10,089	9,619							
48	69	84 937	3 693,494	36 290,457	9,826	9,356							
49	70	83 765	3 412,218	32 596,964	9,553	9,084							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß   6,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	22	99 406	99 406,360	1 516 232,403	15,253	14,784	50	72	81 434	3 107,503	28 022,938	9,018	8,549
1	23	99 000	92 739,729	1 416 826,043	15,277	14,808	51	73	79 934	2 857,387	24 915,435	8,720	8,251
2	24	98 945	86 827,346	1 324 086,315	15,250	14,781	52	74	78 262	2 620,725	22 058,048	8,417	7,948
3	25	98 906	81 305,302	1 237 258,969	15,217	14,748	53	75	76 421	2 397,269	19 437,323	8,108	7,639
4	26	98 870	76 136,874	1 155 953,668	15,183	14,713	54	76	74 369	2 185,368	17 040,054	7,797	7,328
5	27	98 834	71 296,249	1 079 816,794	15,145	14,676	55	77	72 098	1 984,674	14 854,687	7,485	7,016
6	28	98 797	66 762,899	1 008 520,545	15,106	14,637	56	78	69 625	1 795,405	12 870,013	7,168	6,699
7	29	98 761	62 518,937	941 757,645	15,064	14,594	57	79	66 901	1 616,077	11 074,607	6,853	6,384
8	30	98 725	58 544,121	879 238,709	15,018	14,549	58	80	63 953	1 447,189	9 458,530	6,536	6,067
9	31	98 689	54 822,179	820 694,588	14,970	14,501	59	81	60 743	1 287,636	8 011,340	6,222	5,753
10	32	98 651	51 336,128	765 872,409	14,919	14,450	60	82	57 300	1 137,849	6 723,705	5,909	5,440
11	33	98 607	48 068,707	714 536,281	14,865	14,396	61	83	53 578	996,656	5 585,856	5,605	5,135
12	34	98 563	45 008,907	666 467,573	14,807	14,338	62	84	49 657	865,316	4 589,199	5,303	4,834
13	35	98 510	42 140,310	621 458,667	14,747	14,278	63	85	45 514	742,966	3 723,884	5,012	4,543
14	36	98 460	39 455,623	579 318,356	14,683	14,214	64	86	41 220	630,319	2 980,918	4,729	4,260
15	37	98 398	36 937,662	539 862,733	14,616	14,146	65	87	36 810	527,289	2 350,599	4,458	3,989
16	38	98 328	34 577,402	502 925,071	14,545	14,076	66	88	32 329	433,824	1 823,310	4,203	3,734
17	39	98 248	32 364,569	468 347,669	14,471	14,002	67	89	27 906	350,796	1 389,485	3,961	3,492
18	40	98 150	30 287,776	435 983,100	14,395	13,926	68	90	23 529	277,066	1 038,689	3,749	3,280
19	41	98 033	28 338,935	405 695,324	14,316	13,847	69	91	19 506	215,169	761,623	3,540	3,071
20	42	97 907	26 512,772	377 356,389	14,233	13,764	70	92	15 704	162,277	546,454	3,367	2,898
21	43	97 767	24 800,867	350 843,617	14,146	13,677	71	93	12 442	120,445	384,177	3,190	2,721
22	44	97 614	23 196,331	326 042,750	14,056	13,587	72	94	9 618	87,215	263,732	3,024	2,555
23	45	97 453	21 693,645	302 846,419	13,960	13,491	73	95	7 244	61,531	176,517	2,869	2,400
24	46	97 278	20 285,512	281 152,775	13,860	13,391	74	96	5 305	42,216	114,986	2,724	2,255
25	47	97 087	18 965,426	260 867,263	13,755	13,286	75	97	3 769	28,094	72,770	2,590	2,121
26	48	96 875	17 727,412	241 901,837	13,646	13,177	76	98	2 595	18,118	44,676	2,466	1,997
27	49	96 647	16 567,476	224 174,425	13,531	13,062	77	99	1 728	11,302	26,558	2,350	1,881
28	50	96 387	15 478,146	207 606,948	13,413	12,944	78	100	1 110	6,803	15,256	2,242	1,773
29	51	96 117	14 458,798	192 128,802	13,288	12,819							
30	52	95 819	13 502,516	177 670,004	13,158	12,689							
31	53	95 495	12 605,930	164 167,488	13,023	12,554							
32	54	95 140	11 764,927	151 561,558	12,882	12,413							
33	55	94 766	10 977,763	139 796,631	12,735	12,265							
34	56	94 358	10 239,360	128 818,868	12,581	12,112							
35	57	93 928	9 548,144	118 579,508	12,419	11,950							
36	58	93 474	8 901,167	109 031,364	12,249	11,780							
37	59	92 980	8 294,226	100 130,197	12,072	11,603							
38	60	92 453	7 725,740	91 835,971	11,887	11,418							
39	61	91 853	7 190,311	84 110,231	11,698	11,229							
40	62	91 221	6 689,259	76 919,920	11,499	11,030							
41	63	90 529	6 218,771	70 230,661	11,293	10,824							
42	64	89 796	5 778,370	64 011,890	11,078	10,609							
43	65	89 000	5 364,993	58 233,520	10,854	10,385							
44	66	88 147	4 977,612	52 868,527	10,621	10,152							
45	67	87 219	4 613,784	47 890,914	10,380	9,911							
46	68	86 231	4 273,090	43 277,130	10,128	9,659							
47	69	85 183	3 954,219	39 004,040	9,864	9,395							
48	70	84 035	3 654,263	35 049,821	9,591	9,122							
49	71	82 793	3 372,620	31 395,558	9,309	8,840							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß   6,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	23	99 384	99 384,060	1 513 531,987	15,229	14,760	50	73	80 255	3 062,513	26 810,649	8,754	8,285
1	24	98 977	92 718,530	1 414 147,928	15,252	14,783	51	74	78 634	2 810,923	23 748,136	8,449	7,979
2	25	98 925	86 809,795	1 321 429,397	15,222	14,753	52	75	76 806	2 571,960	20 937,213	8,141	7,671
3	26	98 884	81 287,416	1 234 619,603	15,188	14,719	53	76	74 781	2 345,828	18 365,254	7,829	7,360
4	27	98 847	76 118,854	1 153 332,187	15,152	14,683	54	77	72 547	2 131,842	16 019,425	7,514	7,045
5	28	98 807	71 277,096	1 077 213,332	15,113	14,644	55	78	70 099	1 929,652	13 887,583	7,197	6,728
6	29	98 772	66 746,017	1 005 936,236	15,071	14,602	56	79	67 392	1 737,830	11 957,932	6,881	6,412
7	30	98 733	62 500,999	939 190,220	15,027	14,558	57	80	64 472	1 557,404	10 220,102	6,562	6,093
8	31	98 697	58 527,551	876 689,221	14,979	14,510	58	81	61 282	1 386,747	8 662,698	6,247	5,778
9	32	98 659	54 805,621	818 161,670	14,928	14,459	59	82	57 852	1 226,357	7 275,951	5,933	5,464
10	33	98 616	51 317,931	763 356,049	14,875	14,406	60	83	54 141	1 075,103	6 049,594	5,627	5,158
11	34	98 571	48 051,132	712 038,117	14,818	14,349	61	84	50 218	934,154	4 974,491	5,325	4,856
12	35	98 521	44 989,788	663 986,986	14,759	14,289	62	85	46 066	802,740	4 040,337	5,033	4,564
13	36	98 471	42 123,549	618 997,198	14,695	14,226	63	86	41 748	681,482	3 237,597	4,751	4,282
14	37	98 413	39 436,873	576 873,649	14,628	14,159	64	87	37 336	570,929	2 556,115	4,477	4,008
15	38	98 346	36 917,949	537 436,776	14,558	14,088	65	88	32 823	470,188	1 985,186	4,222	3,753
16	39	98 274	34 558,152	500 518,827	14,483	14,014	66	89	28 376	380,773	1 514,998	3,979	3,510
17	40	98 183	32 343,158	465 960,675	14,407	13,938	67	90	23 957	301,152	1 134,225	3,766	3,297
18	41	98 080	30 266,386	433 617,517	14,327	13,858	68	91	19 887	234,177	833,073	3,557	3,088
19	42	97 955	28 316,222	403 351,131	14,245	13,775	69	92	16 040	176,937	598,895	3,385	2,916
20	43	97 820	26 489,173	375 034,909	14,158	13,689	70	93	12 732	131,570	421,959	3,207	2,738
21	44	97 667	24 775,472	348 545,735	14,068	13,599	71	94	9 864	95,482	290,388	3,041	2,572
22	45	97 505	23 170,278	323 770,263	13,974	13,504	72	95	7 445	67,515	194,906	2,887	2,418
23	46	97 329	21 666,110	300 599,985	13,874	13,405	73	96	5 468	46,453	127,392	2,742	2,273
24	47	97 141	20 256,927	278 933,875	13,770	13,301	74	97	3 901	31,042	80,939	2,607	2,138
25	48	96 928	18 934,415	258 676,948	13,662	13,193	75	98	2 696	20,094	49,898	2,483	2,014
26	49	96 703	17 696,063	239 742,533	13,548	13,079	76	99	1 803	12,589	29,804	2,368	1,898
27	50	96 448	16 533,386	222 046,470	13,430	12,961	77	100	1 165	7,619	17,215	2,260	1,790
28	51	96 175	15 444,048	205 513,084	13,307	12,838							
29	52	95 882	14 423,421	190 069,036	13,178	12,709							
30	53	95 556	13 465,447	175 645,615	13,044	12,575							
31	54	95 208	12 568,030	162 180,168	12,904	12,435							
32	55	94 836	11 727,382	149 612,139	12,758	12,288							
33	56	94 431	10 938,866	137 884,756	12,605	12,136							
34	57	94 003	10 200,735	126 945,890	12,445	11,976							
35	58	93 553	9 509,984	116 745,155	12,276	11,807							
36	59	93 062	8 861,892	107 235,171	12,101	11,632							
37	60	92 541	8 255,061	98 373,278	11,917	11,448							
38	61	91 954	7 684,103	90 118,218	11,728	11,259							
39	62	91 326	7 148,991	82 434,114	11,531	11,062							
40	63	90 645	6 647,065	75 285,124	11,326	10,857							
41	64	89 919	6 176,870	68 638,058	11,112	10,643							
42	65	89 136	5 735,903	62 461,189	10,890	10,420							
43	66	88 305	5 323,093	56 725,286	10,656	10,187							
44	67	87 393	4 935,032	51 402,193	10,416	9,947							
45	68	86 423	4 571,650	46 467,160	10,164	9,695							
46	69	85 394	4 231,596	41 895,511	9,901	9,432							
47	70	84 278	3 912,219	37 663,915	9,627	9,158							
48	71	83 059	3 611,856	33 751,696	9,345	8,876							
49	72	81 727	3 329,190	30 139,839	9,053	8,584							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß   6,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$\overset{(12)}{\ddot{a}}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$\overset{(12)}{\ddot{a}}_{xy}$
0	24	99 361	99 361,342	1 510 656,278	15,204	14,735	50	74	78 950	3 012,713	25 549,476	8,481	8,011
1	25	98 957	92 699,788	1 411 294,935	15,224	14,755	51	75	77 171	2 758,618	22 536,763	8,170	7,700
2	26	98 903	86 790,698	1 318 595,147	15,193	14,724	52	76	75 158	2 516,771	19 778,145	7,859	7,389
3	27	98 861	81 268,178	1 231 804,449	15,157	14,688	53	77	72 950	2 288,372	17 261,374	7,543	7,074
4	28	98 821	76 098,405	1 150 536,271	15,119	14,650	54	78	70 536	2 072,739	14 973,001	7,224	6,755
5	29	98 782	71 259,072	1 074 437,865	15,078	14,609	55	79	67 851	1 867,771	12 900,262	6,907	6,438
6	30	98 743	66 726,866	1 003 178,794	15,034	14,565	56	80	64 945	1 674,736	11 032,491	6,588	6,118
7	31	98 705	62 483,309	936 451,927	14,987	14,518	57	81	61 779	1 492,358	9 357,755	6,270	5,801
8	32	98 667	58 509,874	873 968,618	14,937	14,468	58	82	58 366	1 320,751	7 865,396	5,955	5,486
9	33	98 624	54 786,194	815 458,744	14,884	14,415	59	83	54 662	1 158,730	6 544,645	5,648	5,179
10	34	98 580	51 299,167	760 672,550	14,828	14,359	60	84	50 745	1 007,682	5 385,915	5,345	4,876
11	35	98 529	48 030,721	709 373,383	14,769	14,300	61	85	46 586	866,600	4 378,234	5,052	4,583
12	36	98 482	44 971,893	661 342,662	14,706	14,237	62	86	42 254	736,309	3 511,633	4,769	4,300
13	37	98 424	42 103,531	616 370,769	14,639	14,170	63	87	37 814	617,271	2 775,324	4,496	4,027
14	38	98 361	39 415,826	574 267,238	14,569	14,100	64	88	33 293	509,102	2 158,053	4,239	3,770
15	39	98 291	36 897,396	534 851,411	14,496	14,027	65	89	28 810	412,690	1 648,951	3,996	3,526
16	40	98 209	34 535,290	497 954,015	14,419	13,950	66	90	24 360	326,887	1 236,261	3,782	3,313
17	41	98 114	32 320,317	463 418,725	14,338	13,869	67	91	20 249	254,535	909,374	3,573	3,104
18	42	98 002	30 242,128	431 098,408	14,255	13,786	68	92	16 353	192,567	654,838	3,401	2,931
19	43	97 867	28 291,018	400 856,281	14,169	13,700	69	93	13 005	143,456	462,271	3,222	2,753
20	44	97 719	26 462,050	372 565,263	14,079	13,610	70	94	10 094	104,302	318,816	3,057	2,588
21	45	97 557	24 747,645	346 103,213	13,985	13,516	71	95	7 636	73,914	214,514	2,902	2,433
22	46	97 381	23 140,869	321 355,567	13,887	13,418	72	96	5 621	50,970	140,599	2,758	2,289
23	47	97 192	21 635,581	298 214,698	13,784	13,314	73	97	4 021	34,156	89,629	2,624	2,155
24	48	96 982	20 223,805	276 579,117	13,676	13,207	74	98	2 790	22,202	55,473	2,499	2,029
25	49	96 757	18 900,931	256 355,313	13,563	13,094	75	99	1 873	13,961	33,271	2,383	1,914
26	50	96 504	17 659,650	237 454,382	13,446	12,977	76	100	1 215	8,486	19,310	2,275	1,806
27	51	96 236	16 496,963	219 794,731	13,323	12,854							
28	52	95 940	15 406,260	203 297,768	13,196	12,727							
29	53	95 619	14 383,823	187 891,509	13,063	12,594							
30	54	95 269	13 424,962	173 507,686	12,924	12,455							
31	55	94 904	12 527,922	160 082,723	12,778	12,309							
32	56	94 500	11 685,830	147 554,801	12,627	12,158							
33	57	94 074	10 897,603	135 868,971	12,468	11,999							
34	58	93 627	10 159,967	124 971,368	12,300	11,831							
35	59	93 140	9 468,023	114 811,401	12,126	11,657							
36	60	92 622	8 820,046	105 343,378	11,944	11,475							
37	61	92 042	8 210,571	96 523,331	11,756	11,287							
38	62	91 426	7 639,945	88 312,760	11,559	11,090							
39	63	90 749	7 103,897	80 672,815	11,356	10,887							
40	64	90 035	6 602,278	73 568,918	11,143	10,674							
41	65	89 258	6 131,473	66 966,639	10,922	10,453							
42	66	88 440	5 691,106	60 835,166	10,690	10,220							
43	67	87 549	5 277,558	55 144,060	10,449	9,980							
44	68	86 595	4 889,964	49 866,502	10,198	9,729							
45	69	85 583	4 527,256	44 976,538	9,935	9,465							
46	70	84 487	4 186,650	40 449,281	9,661	9,192							
47	71	83 300	3 866,819	36 262,632	9,378	8,909							
48	72	81 990	3 565,346	32 395,813	9,086	8,617							
49	73	80 544	3 280,991	28 830,467	8,787	8,318							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß   6,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	25	99 341	99 341,258	1 507 594,030	15,176	14,707	50	75	77 481	2 956,654	24 241,533	8,199	7,730
1	26	98 935	92 679,396	1 408 252,772	15,195	14,726	51	76	75 515	2 699,424	21 284,879	7,885	7,416
2	27	98 879	86 770,158	1 315 573,376	15,162	14,692	52	77	73 317	2 455,128	18 585,455	7,570	7,101
3	28	98 834	81 246,346	1 228 803,218	15,124	14,655	53	78	70 927	2 224,930	16 130,327	7,250	6,781
4	29	98 796	76 079,162	1 147 556,873	15,084	14,615	54	79	68 274	2 006,270	13 905,397	6,931	6,462
5	30	98 754	71 238,626	1 071 477,711	15,041	14,572	55	80	65 388	1 799,960	11 899,126	6,611	6,142
6	31	98 715	66 707,980	1 000 239,084	14,994	14,525	56	81	62 233	1 604,790	10 099,166	6,293	5,824
7	32	98 675	62 464,437	933 531,104	14,945	14,476	57	82	58 839	1 421,336	8 494,376	5,976	5,507
8	33	98 632	58 489,134	871 066,667	14,893	14,424	58	83	55 147	1 247,919	7 073,040	5,668	5,199
9	34	98 588	54 766,162	812 577,533	14,837	14,368	59	84	51 234	1 086,064	5 825,121	5,364	4,894
10	35	98 538	51 277,377	757 811,370	14,779	14,310	60	85	47 076	934,810	4 739,056	5,070	4,600
11	36	98 490	48 011,616	706 533,993	14,716	14,247	61	86	42 731	794,885	3 804,246	4,786	4,317
12	37	98 435	44 950,522	658 522,377	14,650	14,181	62	87	38 273	666,932	3 009,361	4,512	4,043
13	38	98 371	42 081,061	613 571,855	14,581	14,112	63	88	33 719	550,426	2 342,429	4,256	3,787
14	39	98 306	39 393,883	571 490,794	14,507	14,038	64	89	29 221	446,845	1 792,003	4,010	3,541
15	40	98 226	36 872,987	532 096,911	14,431	13,961	65	90	24 733	354,287	1 345,158	3,797	3,328
16	41	98 139	34 510,900	495 223,925	14,350	13,881	66	91	20 589	276,287	990,870	3,586	3,117
17	42	98 035	32 294,412	460 713,024	14,266	13,797	67	92	16 651	209,308	714,584	3,414	2,945
18	43	97 915	30 215,209	428 418,612	14,179	13,710	68	93	13 259	156,128	505,276	3,236	2,767
19	44	97 767	28 262,050	398 203,403	14,090	13,621	69	94	10 309	113,724	349,147	3,070	2,601
20	45	97 610	26 432,329	369 941,353	13,996	13,527	70	95	7 814	80,742	235,423	2,916	2,447
21	46	97 433	24 716,235	343 509,024	13,898	13,429	71	96	5 765	55,801	154,681	2,772	2,303
22	47	97 244	23 108,261	318 792,789	13,796	13,326	72	97	4 133	37,478	98,880	2,638	2,169
23	48	97 033	21 600,204	295 684,528	13,689	13,220	73	98	2 876	24,430	61,402	2,513	2,044
24	49	96 811	20 188,040	274 084,324	13,577	13,107	74	99	1 939	15,426	36,972	2,397	1,928
25	50	96 557	18 862,039	253 896,283	13,461	12,992	75	100	1 263	9,411	21,546	2,289	1,820
26	51	96 292	17 620,746	235 034,244	13,338	12,869							
27	52	96 000	16 456,598	217 413,498	13,211	12,742							
28	53	95 676	15 363,964	200 956,899	13,080	12,611							
29	54	95 331	14 340,578	185 592,936	12,942	12,473							
30	55	94 965	13 382,120	171 252,358	12,797	12,328							
31	56	94 568	12 483,534	157 870,238	12,646	12,177							
32	57	94 144	11 641,749	145 386,704	12,488	12,019							
33	58	93 698	10 854,050	133 744,955	12,322	11,853							
34	59	93 214	10 115,138	122 890,905	12,149	11,680							
35	60	92 700	9 423,315	112 775,767	11,968	11,499							
36	61	92 123	8 772,512	103 352,452	11,781	11,312							
37	62	91 513	8 163,388	94 579,940	11,586	11,117							
38	63	90 849	7 591,755	86 416,553	11,383	10,914							
39	64	90 138	7 056,032	78 824,798	11,171	10,702							
40	65	89 373	6 553,755	71 768,765	10,951	10,482							
41	66	88 561	6 083,587	65 215,010	10,720	10,251							
42	67	87 683	5 642,423	59 131,423	10,480	10,011							
43	68	86 750	5 229,362	53 489,000	10,229	9,759							
44	69	85 754	4 842,480	48 259,638	9,966	9,497							
45	70	84 674	4 479,170	43 417,158	9,693	9,224							
46	71	83 506	4 138,065	38 937,988	9,410	8,941							
47	72	82 227	3 817,025	34 799,924	9,117	8,648							
48	73	80 803	3 513,728	30 982,899	8,818	8,349							
49	74	79 234	3 227,638	27 469,171	8,511	8,041							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß   6,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$
0							50	49	93 528	3 569,007	43 627,083	12,224	11,755
1	0	99 613	93 314,490	1 447 521,051	15,512	15,043	51	50	92 962	3 323,104	40 058,076	12,054	11,585
2	1	99 267	87 109,940	1 354 206,561	15,546	15,077	52	51	92 318	3 091,425	36 734,972	11,883	11,414
3	2	99 222	81 564,880	1 267 096,620	15,535	15,066	53	52	91 632	2 874,401	33 643,547	11,705	11,235
4	3	99 193	76 385,378	1 185 531,741	15,520	15,051	54	53	90 876	2 670,433	30 769,146	11,522	11,053
5	4	99 169	71 537,893	1 109 146,363	15,504	15,035	55	54	90 041	2 478,610	28 098,714	11,336	10,867
6	5	99 146	66 999,193	1 037 608,470	15,487	15,018	56	55	89 147	2 298,813	25 620,104	11,145	10,676
7	6	99 126	62 749,736	970 609,277	15,468	14,999	57	56	88 183	2 130,184	23 321,290	10,948	10,479
8	7	99 109	58 771,992	907 859,541	15,447	14,978	58	57	87 144	1 971,967	21 191,107	10,746	10,277
9	8	99 092	55 046,420	849 087,548	15,425	14,956	59	58	86 032	1 823,713	19 219,139	10,538	10,069
10	9	99 077	51 557,886	794 041,129	15,401	14,932	60	59	84 835	1 684,627	17 395,426	10,326	9,857
11	10	99 062	48 290,137	742 483,243	15,375	14,906	61	60	83 557	1 554,331	15 710,799	10,108	9,639
12	11	99 046	45 229,570	694 193,106	15,348	14,879	62	61	82 179	1 432,031	14 156,468	9,886	9,416
13	12	99 027	42 361,518	648 963,536	15,320	14,851	63	62	80 727	1 317,782	12 724,437	9,656	9,187
14	13	99 008	39 675,326	606 602,017	15,289	14,820	64	63	79 204	1 211,161	11 406,655	9,418	8,949
15	14	98 984	37 157,675	566 926,691	15,257	14,788	65	64	77 561	1 111,047	10 195,495	9,176	8,707
16	15	98 956	34 798,157	529 769,017	15,224	14,755	66	65	75 832	1 017,586	9 084,448	8,927	8,458
17	16	98 918	32 585,241	494 970,859	15,190	14,721	67	66	73 995	930,153	8 066,862	8,673	8,203
18	17	98 869	30 509,779	462 385,619	15,155	14,686	68	67	72 050	848,438	7 136,709	8,412	7,942
19	18	98 806	28 562,244	431 875,840	15,121	14,651	69	68	70 025	772,451	6 288,271	8,141	7,672
20	19	98 735	26 737,017	403 313,596	15,084	14,615	70	69	67 893	701,574	5 515,820	7,862	7,393
21	20	98 661	25 027,743	376 576,579	15,046	14,577	71	70	65 643	635,427	4 814,246	7,576	7,107
22	21	98 586	23 427,321	351 548,836	15,006	14,537	72	71	63 263	573,674	4 178,819	7,284	6,815
23	22	98 513	21 929,716	328 121,515	14,962	14,493	73	72	60 756	516,099	3 605,146	6,985	6,516
24	23	98 440	20 527,714	306 191,799	14,916	14,447	74	73	58 089	462,043	3 089,047	6,683	6,214
25	24	98 362	19 214,555	285 664,085	14,867	14,398	75	74	55 209	411,546	2 626,804	6,383	5,914
26	25	98 288	17 986,058	266 449,530	14,814	14,345	76	75	52 153	364,185	2 215,258	6,083	5,614
27	26	98 209	16 835,273	248 463,472	14,759	14,289	77	76	48 910	319,943	1 851,072	5,786	5,316
28	27	98 124	15 757,035	231 628,199	14,700	14,231	78	77	45 482	278,705	1 531,129	5,494	5,025
29	28	98 039	14 747,855	215 871,164	14,637	14,168	79	78	41 885	240,436	1 252,424	5,209	4,740
30	29	97 949	13 802,745	201 123,309	14,571	14,102	80	79	38 156	205,179	1 011,989	4,932	4,463
31	30	97 859	12 917,991	187 320,564	14,501	14,032	81	80	34 379	173,177	806,810	4,659	4,190
32	31	97 761	12 089,102	174 402,573	14,426	13,957	82	81	30 543	144,126	633,633	4,396	3,927
33	32	97 660	11 312,944	162 313,471	14,348	13,878	83	82	26 753	118,258	489,506	4,139	3,670
34	33	97 551	10 585,762	151 000,527	14,264	13,795	84	83	23 055	95,471	371,248	3,889	3,419
35	34	97 438	9 904,916	140 414,765	14,176	13,707	85	84	19 488	75,594	275,777	3,648	3,179
36	35	97 314	9 266,878	130 509,849	14,083	13,614	86	85	16 114	58,557	200,183	3,419	2,949
37	36	97 190	8 669,820	121 242,970	13,984	13,515	87	86	12 994	44,231	141,626	3,202	2,733
38	37	97 052	8 110,049	112 573,151	13,881	13,412	88	87	10 178	32,454	97,395	3,001	2,532
39	38	96 893	7 584,835	104 463,102	13,773	13,303	89	88	7 730	23,089	64,940	2,813	2,343
40	39	96 728	7 093,124	96 878,267	13,658	13,189	90	89	5 649	15,809	41,851	2,647	2,178
41	40	96 540	6 631,698	89 785,143	13,539	13,070	91	90	3 996	10,476	26,042	2,486	2,017
42	41	96 340	6 199,474	83 153,445	13,413	12,944	92	91	2 703	6,637	15,566	2,345	1,876
43	42	96 115	5 793,941	76 953,971	13,282	12,813	93	92	1 742	4,007	8,929	2,229	1,760
44	43	95 859	5 413,078	71 160,030	13,146	12,677	94	93	1 081	2,329	4,923	2,114	1,645
45	44	95 570	5 055,529	65 746,952	13,005	12,536	95	94	640	1,291	2,594	2,009	1,540
46	45	95 251	4 720,062	60 691,422	12,858	12,389	96	95	360	0,681	1,303	1,914	1,445
47	46	94 895	4 405,068	55 971,361	12,706	12,237	97	96	192	0,340	0,622	1,828	1,359
48	47	94 488	4 108,818	51 566,292	12,550	12,081	98	97	97	0,161	0,282	1,749	1,280
49	48	94 031	3 830,392	47 457,474	12,390	11,921	99	98	46	0,072	0,121	1,678	1,209
							100	99	21	0,030	0,049	1,613	1,144

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß   6,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	48	93 694	3 575,329	43 900,140	12,279	11,810
1							51	49	93 154	3 329,956	40 324,811	12,110	11,641
2	0	99 581	87 385,439	1 354 989,763	15,506	15,037	52	50	92 522	3 098,250	36 994,855	11,941	11,471
3	1	99 248	81 586,416	1 267 604,324	15,537	15,068	53	51	91 856	2 881,451	33 896,605	11,764	11,295
4	2	99 208	76 396,756	1 186 017,908	15,524	15,055	54	52	91 126	2 677,784	31 015,153	11,582	11,113
5	3	99 180	71 545,887	1 109 621,152	15,509	15,040	55	53	90 313	2 486,085	28 337,369	11,398	10,929
6	4	99 158	67 007,179	1 038 075,265	15,492	15,023	56	54	89 432	2 306,173	25 851,284	11,210	10,740
7	5	99 136	62 756,079	971 068,086	15,474	15,005	57	55	88 497	2 137,758	23 545,112	11,014	10,545
8	6	99 118	58 777,111	908 312,007	15,453	14,984	58	56	87 474	1 979,434	21 407,354	10,815	10,346
9	7	99 101	55 051,144	849 534,896	15,432	14,963	59	57	86 378	1 831,031	19 427,919	10,610	10,141
10	8	99 085	51 561,683	794 483,751	15,408	14,939	60	58	85 211	1 692,093	17 596,889	10,399	9,930
11	9	99 068	48 293,469	742 922,068	15,383	14,914	61	59	83 954	1 561,705	15 904,796	10,184	9,715
12	10	99 053	45 232,781	694 628,600	15,357	14,888	62	60	82 624	1 439,791	14 343,090	9,962	9,493
13	11	99 035	42 364,906	649 395,819	15,329	14,859	63	61	81 194	1 325,399	12 903,299	9,735	9,266
14	12	99 016	39 678,520	607 030,913	15,299	14,830	64	62	79 707	1 218,849	11 577,901	9,499	9,030
15	13	98 993	37 161,003	567 352,393	15,267	14,798	65	63	78 087	1 118,584	10 359,052	9,261	8,792
16	14	98 967	34 801,929	530 191,389	15,235	14,765	66	64	76 393	1 025,120	9 240,468	9,014	8,545
17	15	98 930	32 589,340	495 389,460	15,201	14,732	67	65	74 577	937,474	8 215,348	8,763	8,294
18	16	98 884	30 514,474	462 800,120	15,167	14,697	68	66	72 672	855,758	7 277,874	8,505	8,035
19	17	98 822	28 566,828	432 285,646	15,132	14,663	69	67	70 671	779,570	6 422,116	8,238	7,769
20	18	98 757	26 743,125	403 718,818	15,096	14,627	70	68	68 559	708,453	5 642,545	7,965	7,495
21	19	98 682	25 032,914	376 975,693	15,059	14,590	71	69	66 347	642,248	4 934,092	7,683	7,213
22	20	98 608	23 432,523	351 942,779	15,019	14,550	72	70	64 006	580,409	4 291,844	7,395	6,925
23	21	98 534	21 934,307	328 510,256	14,977	14,508	73	71	61 548	522,831	3 711,434	7,099	6,630
24	22	98 462	20 532,320	306 575,949	14,931	14,462	74	72	58 942	469,033	3 188,603	6,798	6,329
25	23	98 385	19 218,948	286 043,630	14,883	14,414	75	73	56 122	418,349	2 719,570	6,501	6,032
26	24	98 308	17 989,695	266 824,681	14,832	14,363	76	74	53 142	371,091	2 301,220	6,201	5,732
27	25	98 231	16 838,977	248 834,987	14,777	14,308	77	75	49 983	326,959	1 930,130	5,903	5,434
28	26	98 147	15 760,765	231 996,010	14,720	14,251	78	76	46 624	285,702	1 603,171	5,611	5,142
29	27	98 065	14 751,818	216 235,245	14,658	14,189	79	77	43 080	247,291	1 317,468	5,328	4,858
30	28	97 974	13 806,236	201 483,427	14,594	14,125	80	78	39 420	211,976	1 070,177	5,049	4,579
31	29	97 887	12 921,698	187 677,190	14,524	14,055	81	79	35 674	179,701	858,201	4,776	4,307
32	30	97 789	12 092,525	174 755,492	14,452	13,982	82	80	31 874	150,408	678,499	4,511	4,042
33	31	97 689	11 316,361	162 662,967	14,374	13,905	83	81	28 089	124,168	528,091	4,253	3,784
34	32	97 585	10 589,516	151 346,606	14,292	13,823	84	82	24 401	101,043	403,923	3,998	3,528
35	33	97 473	9 908,539	140 757,090	14,206	13,737	85	83	20 792	80,652	302,881	3,755	3,286
36	34	97 356	9 270,816	130 848,551	14,114	13,645	86	84	17 371	63,122	222,228	3,521	3,052
37	35	97 229	8 673,270	121 577,735	14,018	13,548	87	85	14 166	48,222	159,107	3,299	2,830
38	36	97 098	8 113,050	112 904,465	13,915	13,446	88	86	11 236	35,830	110,885	3,095	2,626
39	37	96 945	7 588,885	104 790,560	13,808	13,339	89	87	8 668	25,893	75,055	2,899	2,429
40	38	96 782	7 097,075	97 201,675	13,696	13,227	90	88	6 437	18,011	49,161	2,729	2,260
41	39	96 604	6 636,088	90 104,601	13,578	13,109	91	89	4 655	12,203	31,150	2,553	2,084
42	40	96 408	6 203,856	83 468,512	13,454	12,985	92	90	3 198	7,853	18,947	2,413	1,944
43	41	96 193	5 798,588	77 264,657	13,325	12,856	93	91	2 118	4,872	11,095	2,277	1,808
44	42	95 944	5 417,901	71 466,068	13,191	12,722	94	92	1 333	2,872	6,222	2,166	1,697
45	43	95 668	5 060,711	66 048,168	13,051	12,582	95	93	807	1,629	3,350	2,057	1,588
46	44	95 358	4 725,369	60 987,456	12,906	12,437	96	94	465	0,879	1,721	1,958	1,489
47	45	95 016	4 410,667	56 262,087	12,756	12,287	97	95	255	0,451	0,842	1,867	1,398
48	46	94 621	4 114,616	51 851,421	12,602	12,133	98	96	132	0,219	0,391	1,785	1,316
49	47	94 185	3 836,665	47 736,805	12,442	11,973	99	97	65	0,101	0,172	1,711	1,242
							100	98	30	0,044	0,071	1,643	1,174

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß   6,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	47	93 847	3 581,185	44 151,637	12,329	11,860
1							51	48	93 319	3 335,855	40 570,452	12,162	11,693
2							52	49	92 713	3 104,639	37 234,597	11,993	11,524
3	0	99 562	81 844,446	1 268 327,625	15,497	15,028	53	50	92 059	2 887,813	34 129,958	11,819	11,349
4	1	99 234	76 416,928	1 186 483,179	15,526	15,057	54	51	91 349	2 684,353	31 242,145	11,639	11,169
5	2	99 195	71 556,544	1 110 066,251	15,513	15,044	55	52	90 561	2 492,929	28 557,792	11,456	10,986
6	3	99 169	67 014,667	1 038 509,707	15,497	15,028	56	53	89 702	2 313,127	26 064,864	11,268	10,799
7	4	99 148	62 763,559	971 495,040	15,479	15,010	57	54	88 780	2 144,602	23 751,737	11,075	10,606
8	5	99 128	58 783,053	908 731,481	15,459	14,990	58	55	87 785	1 986,473	21 607,135	10,877	10,408
9	6	99 109	55 055,939	849 948,428	15,438	14,969	59	56	86 705	1 837,964	19 620,662	10,675	10,206
10	7	99 093	51 566,109	794 892,489	15,415	14,946	60	57	85 553	1 698,883	17 782,698	10,467	9,998
11	8	99 076	48 297,026	743 326,380	15,391	14,922	61	58	84 326	1 568,627	16 083,815	10,253	9,784
12	9	99 060	45 235,004	695 029,354	15,365	14,895	62	59	83 016	1 446,622	14 515,189	10,034	9,565
13	10	99 042	42 367,913	649 793,453	15,337	14,868	63	60	81 634	1 332,581	13 068,567	9,807	9,338
14	11	99 024	39 681,694	607 425,541	15,307	14,838	64	61	80 167	1 225,893	11 735,986	9,573	9,104
15	12	99 001	37 163,995	567 743,847	15,277	14,808	65	62	78 583	1 125,684	10 510,093	9,337	8,867
16	13	98 976	34 805,047	530 579,852	15,244	14,775	66	63	76 911	1 032,074	9 384,409	9,093	8,624
17	14	98 941	32 592,873	495 774,805	15,211	14,742	67	64	75 130	944,415	8 352,335	8,844	8,375
18	15	98 897	30 518,313	463 181,932	15,177	14,708	68	65	73 244	862,494	7 407,920	8,589	8,120
19	16	98 837	28 571,225	432 663,619	15,143	14,674	69	66	71 280	786,297	6 545,426	8,324	7,855
20	17	98 773	26 747,417	404 092,395	15,108	14,639	70	67	69 191	714,983	5 759,129	8,055	7,586
21	18	98 704	25 038,633	377 344,977	15,071	14,601	71	68	66 998	648,546	5 044,146	7,778	7,308
22	19	98 628	23 437,364	352 306,345	15,032	14,563	72	69	64 693	586,640	4 395,600	7,493	7,024
23	20	98 556	21 939,177	328 868,981	14,990	14,521	73	70	62 271	528,970	3 808,960	7,201	6,732
24	21	98 482	20 536,618	306 929,804	14,945	14,476	74	71	59 711	475,152	3 279,990	6,903	6,434
25	22	98 407	19 223,261	286 393,186	14,898	14,429	75	72	56 946	424,495	2 804,838	6,607	6,138
26	23	98 330	17 993,808	267 169,925	14,848	14,379	76	73	54 021	377,225	2 380,343	6,310	5,841
27	24	98 251	16 842,381	249 176,118	14,795	14,325	77	74	50 930	333,158	2 003,118	6,013	5,543
28	25	98 169	15 764,233	232 333,737	14,738	14,269	78	75	47 646	291,967	1 669,960	5,720	5,251
29	26	98 088	14 755,310	216 569,504	14,677	14,208	79	76	44 161	253,500	1 377,992	5,436	4,967
30	27	98 001	13 809,946	201 814,194	14,614	14,145	80	77	40 544	218,021	1 124,492	5,158	4,689
31	28	97 912	12 924,967	188 004,247	14,546	14,077	81	78	36 856	185,655	906,471	4,883	4,413
32	29	97 817	12 095,996	175 079,281	14,474	14,005	82	79	33 075	156,075	720,816	4,618	4,149
33	30	97 717	11 319,565	162 983,285	14,398	13,929	83	80	29 314	129,580	564,742	4,358	3,889
34	31	97 615	10 592,715	151 663,720	14,318	13,849	84	81	25 620	106,092	435,162	4,102	3,633
35	32	97 508	9 912,053	141 071,005	14,232	13,763	85	82	22 005	85,359	329,070	3,855	3,386
36	33	97 391	9 274,207	131 158,952	14,142	13,673	86	83	18 533	67,345	243,711	3,619	3,150
37	34	97 270	8 676,955	121 884,745	14,047	13,578	87	84	15 270	51,981	176,366	3,393	2,924
38	35	97 136	8 117,133	113 207,789	13,947	13,478	88	85	12 250	39,063	124,386	3,184	2,715
39	36	96 991	7 592,493	105 090,656	13,841	13,372	89	86	9 570	28,587	85,322	2,985	2,516
40	37	96 834	7 100,864	97 498,163	13,730	13,261	90	87	7 218	20,199	56,736	2,809	2,340
41	38	96 658	6 639,785	90 397,299	13,614	13,145	91	88	5 304	13,903	36,537	2,628	2,159
42	39	96 472	6 207,963	83 757,514	13,492	13,023	92	89	3 725	9,147	22,634	2,474	2,005
43	40	96 260	5 802,686	77 549,551	13,364	12,895	93	90	2 506	5,765	13,487	2,340	1,870
44	41	96 021	5 422,246	71 746,865	13,232	12,763	94	91	1 621	3,493	7,722	2,211	1,742
45	42	95 753	5 065,220	66 324,619	13,094	12,625	95	92	995	2,009	4,229	2,106	1,636
46	43	95 456	4 730,213	61 259,399	12,951	12,482	96	93	587	1,109	2,221	2,002	1,533
47	44	95 122	4 415,626	56 529,186	12,802	12,333	97	94	329	0,583	1,111	1,908	1,439
48	45	94 741	4 119,845	52 113,560	12,649	12,180	98	95	175	0,290	0,529	1,822	1,353
49	46	94 318	3 842,079	47 993,715	12,492	12,022	99	96	88	0,137	0,239	1,744	1,275
							100	97	42	0,061	0,102	1,674	1,205

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 6,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	46	93 980	3 586,238	44 382,769	12,376	11,907
1							51	47	93 472	3 341,318	40 796,530	12,210	11,741
2							52	48	92 877	3 110,139	37 455,212	12,043	11,574
3							53	49	92 249	2 893,767	34 345,073	11,869	11,400
4	0	99 548	76 658,608	1 187 151,034	15,486	15,017	54	50	91 551	2 690,279	31 451,306	11,691	11,222
5	1	99 221	71 575,438	1 110 492,425	15,515	15,046	55	51	90 784	2 499,043	28 761,027	11,509	11,040
6	2	99 184	67 024,650	1 038 916,987	15,501	15,031	56	52	89 949	2 319,495	26 261,983	11,322	10,853
7	3	99 159	62 770,573	971 892,337	15,483	15,014	57	53	89 048	2 151,069	23 942,488	11,131	10,661
8	4	99 140	58 790,059	909 121,765	15,464	14,995	58	54	88 066	1 992,832	21 791,419	10,935	10,466
9	5	99 119	55 061,505	850 331,706	15,443	14,974	59	55	87 013	1 844,499	19 798,587	10,734	10,265
10	6	99 102	51 570,600	795 270,201	15,421	14,952	60	56	85 877	1 705,315	17 954,088	10,528	10,059
11	7	99 084	48 301,171	743 699,601	15,397	14,928	61	57	84 664	1 574,921	16 248,772	10,317	9,848
12	8	99 067	45 239,233	695 398,430	15,372	14,902	62	58	83 384	1 453,033	14 673,851	10,099	9,630
13	9	99 049	42 370,836	650 159,197	15,344	14,875	63	59	82 021	1 338,903	13 220,818	9,874	9,405
14	10	99 031	39 684,510	607 788,361	15,316	14,846	64	60	80 602	1 232,536	11 881,915	9,640	9,171
15	11	99 009	37 166,967	568 103,851	15,285	14,816	65	61	79 037	1 132,190	10 649,379	9,406	8,937
16	12	98 984	34 807,849	530 936,884	15,253	14,784	66	62	77 400	1 038,625	9 517,189	9,163	8,694
17	13	98 950	32 595,792	496 129,035	15,221	14,752	67	63	75 639	950,822	8 478,564	8,917	8,448
18	14	98 908	30 521,621	463 533,243	15,187	14,718	68	64	73 786	868,880	7 527,742	8,664	8,195
19	15	98 849	28 574,819	433 011,622	15,154	14,684	69	65	71 842	792,486	6 658,862	8,403	7,933
20	16	98 788	26 751,534	404 436,803	15,118	14,649	70	66	69 788	721,152	5 866,376	8,135	7,666
21	17	98 720	25 042,651	377 685,269	15,082	14,613	71	67	67 615	654,524	5 145,224	7,861	7,392
22	18	98 651	23 442,718	352 642,618	15,043	14,574	72	68	65 328	592,393	4 490,701	7,581	7,111
23	19	98 576	21 943,709	329 199,899	15,002	14,533	73	69	62 940	534,649	3 898,308	7,291	6,822
24	20	98 504	20 541,178	307 256,190	14,958	14,489	74	70	60 412	480,731	3 363,660	6,997	6,528
25	21	98 427	19 227,285	286 715,012	14,912	14,443	75	71	57 689	430,033	2 882,929	6,704	6,235
26	22	98 353	17 997,845	267 487,728	14,862	14,393	76	72	54 814	382,766	2 452,896	6,408	5,939
27	23	98 273	16 846,232	249 489,882	14,810	14,341	77	73	51 772	338,666	2 070,130	6,113	5,643
28	24	98 189	15 767,420	232 643,651	14,755	14,286	78	74	48 550	297,503	1 731,464	5,820	5,351
29	25	98 110	14 758,557	216 876,231	14,695	14,226	79	75	45 130	259,059	1 433,961	5,535	5,066
30	26	98 024	13 813,215	202 117,674	14,632	14,163	80	76	41 562	223,495	1 174,902	5,257	4,788
31	27	97 938	12 928,440	188 304,458	14,565	14,096	81	77	37 907	190,949	951,407	4,983	4,513
32	28	97 842	12 099,055	175 376,018	14,495	14,026	82	78	34 171	161,246	760,458	4,716	4,247
33	29	97 745	11 322,814	163 276,963	14,420	13,951	83	79	30 418	134,461	599,213	4,456	3,987
34	30	97 642	10 595,714	151 954,149	14,341	13,872	84	80	26 737	110,716	464,751	4,198	3,729
35	31	97 537	9 915,047	141 358,435	14,257	13,788	85	81	23 105	89,625	354,036	3,950	3,481
36	32	97 426	9 277,496	131 443,388	14,168	13,699	86	82	19 614	71,275	264,411	3,710	3,241
37	33	97 306	8 680,129	122 165,892	14,074	13,605	87	83	16 292	55,459	193,136	3,483	3,013
38	34	97 178	8 120,583	113 485,763	13,975	13,506	88	84	13 205	42,108	137,677	3,270	2,800
39	35	97 030	7 595,514	105 365,180	13,872	13,403	89	85	10 433	31,166	95,569	3,066	2,597
40	36	96 880	7 104,240	97 769,666	13,762	13,293	90	86	7 969	22,300	64,403	2,888	2,419
41	37	96 709	6 643,330	90 665,426	13,648	13,178	91	87	5 948	15,591	42,103	2,700	2,231
42	38	96 525	6 211,421	84 022,096	13,527	13,058	92	88	4 244	10,421	26,512	2,544	2,075
43	39	96 324	5 806,528	77 810,675	13,401	12,931	93	89	2 919	6,715	16,090	2,396	1,927
44	40	96 089	5 426,079	72 004,147	13,270	12,801	94	90	1 918	4,133	9,375	2,269	1,799
45	41	95 830	5 069,283	66 578,069	13,134	12,664	95	91	1 210	2,443	5,243	2,146	1,677
46	42	95 541	4 734,427	61 508,786	12,992	12,523	96	92	723	1,368	2,800	2,047	1,578
47	43	95 220	4 420,152	56 774,359	12,844	12,375	97	93	415	0,735	1,432	1,949	1,480
48	44	94 848	4 124,477	52 354,207	12,694	12,224	98	94	226	0,375	0,697	1,860	1,390
49	45	94 437	3 846,962	48 229,730	12,537	12,068	99	95	117	0,181	0,322	1,778	1,309
							100	96	57	0,083	0,141	1,705	1,236

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß   6,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	45	94 099	3 590,796	44 594,961	12,419	11,950
1							51	46	93 604	3 346,033	41 004,165	12,255	11,785
2							52	47	93 029	3 115,232	37 658,132	12,088	11,619
3							53	48	92 412	2 898,894	34 542,899	11,916	11,447
4							54	49	91 740	2 695,826	31 644,005	11,738	11,269
5	0	99 535	71 801,806	1 111 108,991	15,475	15,006	55	50	90 984	2 504,561	28 948,179	11,558	11,089
6	1	99 210	67 042,347	1 039 307,184	15,502	15,033	56	51	90 169	2 325,184	26 443,618	11,373	10,904
7	2	99 174	62 779,923	972 264,838	15,487	15,018	57	52	89 293	2 156,991	24 118,434	11,182	10,712
8	3	99 151	58 796,629	909 484,914	15,468	14,999	58	53	88 332	1 998,842	21 961,443	10,987	10,518
9	4	99 131	55 068,068	850 688,286	15,448	14,979	59	54	87 291	1 850,404	19 962,601	10,788	10,319
10	5	99 112	51 575,813	795 620,218	15,426	14,957	60	55	86 183	1 711,379	18 112,197	10,583	10,114
11	6	99 093	48 305,378	744 044,405	15,403	14,934	61	56	84 985	1 580,884	16 400,818	10,374	9,905
12	7	99 076	45 243,116	695 739,027	15,378	14,909	62	57	83 719	1 458,863	14 819,933	10,159	9,689
13	8	99 056	42 373,956	650 495,911	15,351	14,882	63	58	82 385	1 344,837	13 361,070	9,935	9,466
14	9	99 038	39 687,248	608 121,955	15,323	14,854	64	59	80 984	1 238,384	12 016,233	9,703	9,234
15	10	99 016	37 169,605	568 434,707	15,293	14,824	65	60	79 466	1 138,325	10 777,849	9,468	8,999
16	11	98 992	34 810,633	531 265,102	15,262	14,792	66	61	77 847	1 044,628	9 639,524	9,228	8,759
17	12	98 958	32 598,417	496 454,469	15,229	14,760	67	62	76 119	956,857	8 594,896	8,982	8,513
18	13	98 916	30 524,355	463 856,053	15,196	14,727	68	63	74 287	874,774	7 638,038	8,731	8,262
19	14	98 860	28 577,916	433 331,697	15,163	14,694	69	64	72 373	798,353	6 763,264	8,472	8,002
20	15	98 801	26 754,899	404 753,781	15,128	14,659	70	65	70 337	726,828	5 964,911	8,207	7,738
21	16	98 735	25 046,505	377 998,882	15,092	14,623	71	66	68 199	660,171	5 238,083	7,934	7,465
22	17	98 667	23 446,481	352 952,376	15,054	14,584	72	67	65 930	597,853	4 577,912	7,657	7,188
23	18	98 599	21 948,723	329 505,895	15,013	14,543	73	68	63 557	539,891	3 980,060	7,372	6,903
24	19	98 525	20 545,421	307 557,173	14,970	14,500	74	69	61 061	485,892	3 440,169	7,080	6,611
25	20	98 449	19 231,554	287 011,752	14,924	14,455	75	70	58 366	435,082	2 954,277	6,790	6,321
26	21	98 373	18 001,613	267 780,198	14,875	14,406	76	71	55 529	387,760	2 519,195	6,497	6,028
27	22	98 295	16 850,012	249 778,585	14,824	14,355	77	72	52 533	343,641	2 131,436	6,203	5,733
28	23	98 211	15 771,025	232 928,573	14,769	14,300	78	73	49 352	302,421	1 787,795	5,912	5,442
29	24	98 130	14 761,541	217 157,548	14,711	14,242	79	74	45 985	263,971	1 485,374	5,627	5,158
30	25	98 045	13 816,255	202 396,007	14,649	14,180	80	75	42 474	228,396	1 221,403	5,348	4,879
31	26	97 961	12 931,500	188 579,753	14,583	14,114	81	76	38 858	195,743	993,007	5,073	4,604
32	27	97 868	12 102,306	175 648,252	14,514	14,044	82	77	35 145	165,843	797,264	4,807	4,338
33	28	97 770	11 325,678	163 545,946	14,440	13,971	83	78	31 426	138,916	631,421	4,545	4,076
34	29	97 670	10 598,755	152 220,268	14,362	13,893	84	79	27 744	114,887	492,505	4,287	3,818
35	30	97 565	9 917,854	141 621,513	14,279	13,810	85	80	24 112	93,531	377,618	4,037	3,568
36	31	97 455	9 280,299	131 703,659	14,192	13,723	86	81	20 595	74,837	284,087	3,796	3,327
37	32	97 340	8 683,207	122 423,360	14,099	13,630	87	82	17 243	58,695	209,250	3,565	3,096
38	33	97 213	8 123,553	113 740,153	14,001	13,532	88	83	14 089	44,925	150,555	3,351	2,882
39	34	97 071	7 598,742	105 616,600	13,899	13,430	89	84	11 247	33,595	105,629	3,144	2,675
40	35	96 918	7 107,067	98 017,858	13,792	13,322	90	85	8 688	24,312	72,034	2,963	2,494
41	36	96 755	6 646,489	90 910,791	13,678	13,209	91	86	6 567	17,213	47,722	2,772	2,303
42	37	96 577	6 214,737	84 264,302	13,559	13,090	92	87	4 759	11,687	30,509	2,610	2,141
43	38	96 378	5 809,762	78 049,565	13,434	12,965	93	88	3 326	7,650	18,822	2,460	1,991
44	39	96 152	5 429,671	72 239,803	13,305	12,836	94	89	2 234	4,814	11,171	2,321	1,851
45	40	95 898	5 072,865	66 810,132	13,170	12,701	95	90	1 432	2,890	6,357	2,200	1,731
46	41	95 618	4 738,224	61 737,267	13,030	12,560	96	91	880	1,664	3,467	2,084	1,615
47	42	95 305	4 424,090	56 999,043	12,884	12,415	97	92	512	0,906	1,804	1,990	1,521
48	43	94 945	4 128,705	52 574,953	12,734	12,265	98	93	285	0,473	0,897	1,897	1,428
49	44	94 544	3 851,287	48 446,248	12,579	12,110	99	94	151	0,234	0,424	1,813	1,344
							100	95	75	0,110	0,190	1,736	1,267

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß   6,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	44	94 205	3 594,833	44 789,514	12,459	11,990
1							51	45	93 723	3 350,286	41 194,680	12,296	11,827
2							52	46	93 161	3 119,628	37 844,395	12,131	11,662
3							53	47	92 564	2 903,642	34 724,767	11,959	11,490
4							54	48	91 902	2 700,602	31 821,125	11,783	11,314
5							55	49	91 172	2 509,725	29 120,523	11,603	11,134
6	0	99 524	67 254,379	1 039 876,348	15,462	14,993	56	50	90 368	2 330,318	26 610,798	11,419	10,950
7	1	99 200	62 796,499	972 621,969	15,488	15,019	57	51	89 512	2 162,282	24 280,480	11,229	10,760
8	2	99 165	58 805,387	909 825,470	15,472	15,003	58	52	88 575	2 004,344	22 118,198	11,035	10,566
9	3	99 142	55 074,221	851 020,082	15,452	14,983	59	53	87 555	1 855,984	20 113,854	10,837	10,368
10	4	99 124	51 581,960	795 945,861	15,431	14,962	60	54	86 458	1 716,858	18 257,869	10,634	10,165
11	5	99 103	48 310,261	744 363,901	15,408	14,939	61	55	85 287	1 586,506	16 541,011	10,426	9,957
12	6	99 084	45 247,056	696 053,640	15,383	14,914	62	56	84 036	1 464,387	14 954,506	10,212	9,743
13	7	99 065	42 377,593	650 806,583	15,357	14,888	63	57	82 715	1 350,233	13 490,118	9,991	9,522
14	8	99 045	39 690,171	608 428,990	15,329	14,860	64	58	81 343	1 243,872	12 139,885	9,760	9,291
15	9	99 023	37 172,169	568 738,819	15,300	14,831	65	59	79 843	1 143,726	10 896,013	9,527	9,058
16	10	98 999	34 813,104	531 566,650	15,269	14,800	66	60	78 269	1 050,289	9 752,287	9,285	8,816
17	11	98 966	32 601,024	496 753,546	15,237	14,768	67	61	76 559	962,388	8 701,998	9,042	8,573
18	12	98 924	30 526,813	464 152,523	15,205	14,736	68	62	74 758	880,327	7 739,610	8,792	8,323
19	13	98 869	28 580,477	433 625,710	15,172	14,703	69	63	72 864	803,769	6 859,284	8,534	8,065
20	14	98 812	26 757,799	405 045,233	15,137	14,668	70	64	70 858	732,209	6 055,515	8,270	7,801
21	15	98 748	25 049,656	378 287,434	15,102	14,632	71	65	68 736	665,367	5 323,305	8,001	7,531
22	16	98 682	23 450,089	353 237,778	15,063	14,594	72	66	66 499	603,011	4 657,938	7,724	7,255
23	17	98 614	21 952,245	329 787,688	15,023	14,554	73	67	64 143	544,867	4 054,927	7,442	6,973
24	18	98 547	20 550,115	307 835,443	14,980	14,511	74	68	61 660	490,166	3 510,060	7,154	6,685
25	19	98 469	19 235,527	287 285,328	14,935	14,466	75	69	58 993	439,752	3 019,404	6,866	6,397
26	20	98 395	18 005,610	268 049,801	14,887	14,418	76	70	56 181	392,312	2 579,651	6,576	6,106
27	21	98 316	16 853,539	250 044,192	14,836	14,367	77	71	53 218	348,124	2 187,339	6,283	5,814
28	22	98 233	15 774,563	233 190,652	14,783	14,314	78	72	50 077	306,864	1 839,216	5,994	5,524
29	23	98 152	14 764,916	217 416,089	14,725	14,256	79	73	46 745	268,334	1 532,352	5,711	5,241
30	24	98 065	13 819,048	202 651,173	14,665	14,195	80	74	43 279	232,726	1 264,018	5,431	4,962
31	25	97 983	12 934,346	188 832,125	14,599	14,130	81	75	39 711	200,036	1 031,291	5,156	4,686
32	26	97 891	12 105,171	175 897,779	14,531	14,062	82	76	36 027	170,007	831,256	4,890	4,420
33	27	97 796	11 328,721	163 792,608	14,458	13,989	83	77	32 322	142,877	661,249	4,628	4,159
34	28	97 695	10 601,436	152 463,887	14,381	13,912	84	78	28 663	118,693	518,371	4,367	3,898
35	29	97 593	9 920,701	141 862,451	14,300	13,831	85	79	25 020	97,055	399,678	4,118	3,649
36	30	97 483	9 282,926	131 941,750	14,213	13,744	86	80	21 492	78,099	302,624	3,875	3,406
37	31	97 370	8 685,831	122 658,824	14,122	13,653	87	81	18 104	61,628	224,525	3,643	3,174
38	32	97 248	8 126,434	113 972,994	14,025	13,556	88	82	14 911	47,547	162,897	3,426	2,957
39	33	97 106	7 601,521	105 846,560	13,924	13,455	89	83	11 999	35,843	115,349	3,218	2,749
40	34	96 959	7 110,088	98 245,039	13,818	13,349	90	84	9 365	26,207	79,506	3,034	2,565
41	35	96 794	6 649,133	91 134,951	13,706	13,237	91	85	7 159	18,766	53,299	2,840	2,371
42	36	96 623	6 217,692	84 485,818	13,588	13,119	92	86	5 254	12,903	34,533	2,676	2,207
43	37	96 429	5 812,864	78 268,126	13,465	12,996	93	87	3 730	8,579	21,630	2,521	2,052
44	38	96 206	5 432,695	72 455,262	13,337	12,868	94	88	2 545	5,485	13,051	2,379	1,910
45	39	95 961	5 076,224	67 022,567	13,203	12,734	95	89	1 668	3,366	7,566	2,247	1,778
46	40	95 685	4 741,573	61 946,343	13,065	12,595	96	90	1 041	1,968	4,199	2,133	1,664
47	41	95 381	4 427,639	57 204,770	12,920	12,451	97	91	622	1,102	2,231	2,024	1,555
48	42	95 030	4 132,383	52 777,132	12,772	12,302	98	92	352	0,583	1,129	1,935	1,466
49	43	94 641	3 855,235	48 644,749	12,618	12,149	99	93	190	0,295	0,546	1,848	1,379
							100	94	97	0,142	0,250	1,768	1,299

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß   6,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä_{xy}^{(12)}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä_{xy}^{(12)}$
0							50	43	94 301	3 598,518	44 967,796	12,496	12,027
1							51	44	93 828	3 354,053	41 369,278	12,334	11,865
2							52	45	93 279	3 123,593	38 015,225	12,170	11,701
3							53	46	92 694	2 907,739	34 891,633	12,000	11,530
4							54	47	92 053	2 705,025	31 983,894	11,824	11,355
5							55	48	91 333	2 514,171	29 278,868	11,646	11,176
6							56	49	90 555	2 335,123	26 764,697	11,462	10,993
7	0	99 513	62 995,103	973 147,348	15,448	14,979	57	50	89 710	2 167,056	24 429,574	11,273	10,804
8	1	99 192	58 820,914	910 152,244	15,473	15,004	58	51	88 792	2 009,261	22 262,519	11,080	10,611
9	2	99 157	55 082,425	851 331,331	15,456	14,986	59	52	87 796	1 861,094	20 253,258	10,882	10,413
10	3	99 135	51 587,725	796 248,905	15,435	14,966	60	53	86 719	1 722,035	18 392,164	10,680	10,211
11	4	99 115	48 316,019	744 661,181	15,412	14,943	61	54	85 560	1 591,585	16 670,129	10,474	10,005
12	5	99 094	45 251,630	696 345,162	15,388	14,919	62	55	84 335	1 469,594	15 078,544	10,260	9,791
13	6	99 073	42 381,284	651 093,531	15,363	14,894	63	56	83 028	1 355,346	13 608,950	10,041	9,572
14	7	99 054	39 693,578	608 712,247	15,335	14,866	64	57	81 669	1 248,863	12 253,604	9,812	9,343
15	8	99 030	37 174,907	569 018,670	15,307	14,837	65	58	80 196	1 148,795	11 004,741	9,579	9,110
16	9	99 005	34 815,505	531 843,762	15,276	14,807	66	59	78 640	1 055,272	9 855,946	9,340	8,871
17	10	98 973	32 603,337	497 028,257	15,245	14,776	67	60	76 974	967,603	8 800,674	9,095	8,626
18	11	98 932	30 529,254	464 424,920	15,212	14,743	68	61	75 190	885,415	7 833,072	8,847	8,378
19	12	98 877	28 582,777	433 895,665	15,180	14,711	69	62	73 327	808,871	6 947,657	8,589	8,120
20	13	98 820	26 760,196	405 312,888	15,146	14,677	70	63	71 338	737,176	6 138,786	8,327	7,858
21	14	98 758	25 052,372	378 552,691	15,110	14,641	71	64	69 244	670,294	5 401,609	8,059	7,589
22	15	98 694	23 453,039	353 500,320	15,073	14,604	72	65	67 022	607,757	4 731,316	7,785	7,316
23	16	98 630	21 955,624	330 047,281	15,032	14,563	73	66	64 696	549,568	4 123,558	7,503	7,034
24	17	98 563	20 553,413	308 091,657	14,990	14,521	74	67	62 228	495,178	3 573,990	7,218	6,748
25	18	98 492	19 239,921	287 538,244	14,945	14,476	75	68	59 571	444,065	3 078,812	6,933	6,464
26	19	98 415	18 009,329	268 298,322	14,898	14,429	76	69	56 784	396,524	2 634,747	6,645	6,175
27	20	98 338	16 857,281	250 288,993	14,848	14,378	77	70	53 843	352,211	2 238,223	6,355	5,886
28	21	98 254	15 777,866	233 431,711	14,795	14,326	78	71	50 730	310,867	1 886,012	6,067	5,598
29	22	98 174	14 768,229	217 653,846	14,738	14,269	79	72	47 432	272,276	1 575,146	5,785	5,316
30	23	98 088	13 822,208	202 885,617	14,678	14,209	80	73	43 994	236,573	1 302,869	5,507	5,038
31	24	98 002	12 936,961	189 063,409	14,614	14,145	81	74	40 463	203,828	1 066,296	5,231	4,762
32	25	97 913	12 107,835	176 126,449	14,546	14,077	82	75	36 818	173,735	862,468	4,964	4,495
33	26	97 819	11 331,403	164 018,614	14,475	14,006	83	76	33 133	146,465	688,733	4,702	4,233
34	27	97 721	10 604,285	152 687,211	14,399	13,930	84	77	29 481	122,077	542,268	4,442	3,973
35	28	97 618	9 923,210	142 082,926	14,318	13,849	85	78	25 849	100,270	420,191	4,191	3,721
36	29	97 511	9 285,590	132 159,716	14,233	13,764	86	79	22 302	81,041	319,920	3,948	3,479
37	30	97 397	8 688,290	122 874,126	14,142	13,673	87	80	18 894	64,314	238,880	3,714	3,245
38	31	97 277	8 128,889	114 185,836	14,047	13,578	88	81	15 656	49,923	174,565	3,497	3,028
39	32	97 141	7 604,217	106 056,948	13,947	13,478	89	82	12 699	37,935	124,642	3,286	2,817
40	33	96 995	7 112,688	98 452,731	13,842	13,373	90	83	9 992	27,960	86,707	3,101	2,632
41	34	96 835	6 651,959	91 340,043	13,731	13,262	91	84	7 717	20,229	58,746	2,904	2,435
42	35	96 661	6 220,166	84 688,084	13,615	13,146	92	85	5 729	14,067	38,517	2,738	2,269
43	36	96 475	5 815,628	78 467,918	13,493	13,023	93	86	4 118	9,472	24,450	2,581	2,112
44	37	96 257	5 435,596	72 652,290	13,366	12,897	94	87	2 854	6,151	14,978	2,435	1,966
45	38	96 015	5 079,051	67 216,694	13,234	12,765	95	88	1 900	3,835	8,827	2,302	1,832
46	39	95 749	4 744,712	62 137,643	13,096	12,627	96	89	1 212	2,293	4,992	2,177	1,708
47	40	95 449	4 430,768	57 392,931	12,953	12,484	97	90	736	1,304	2,699	2,070	1,601
48	41	95 106	4 135,698	52 962,163	12,806	12,337	98	91	427	0,709	1,395	1,967	1,498
49	42	94 725	3 858,669	48 826,466	12,654	12,185	99	92	234	0,364	0,686	1,883	1,414
							100	93	123	0,179	0,322	1,800	1,331

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß   6,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	42	94 385	3 601,724	45 130,941	12,530	12,061
1							51	43	93 924	3 357,491	41 529,217	12,369	11,900
2							52	44	93 384	3 127,105	38 171,727	12,207	11,738
3							53	45	92 812	2 911,434	35 044,622	12,037	11,568
4							54	46	92 183	2 708,842	32 133,187	11,862	11,393
5							55	47	91 483	2 518,289	29 424,345	11,684	11,215
6							56	48	90 715	2 339,260	26 906,056	11,502	11,033
7							57	49	89 895	2 171,524	24 566,797	11,313	10,844
8	0	99 505	59 006,944	910 637,206	15,433	14,964	58	50	88 988	2 013,697	22 395,273	11,121	10,652
9	1	99 183	55 096,969	851 630,262	15,457	14,988	59	51	88 011	1 865,659	20 381,576	10,925	10,455
10	2	99 149	51 595,409	796 533,293	15,438	14,969	60	52	86 958	1 726,776	18 515,917	10,723	10,254
11	3	99 126	48 321,418	744 937,884	15,416	14,947	61	53	85 818	1 596,384	16 789,141	10,517	10,048
12	4	99 106	45 257,024	696 616,466	15,392	14,923	62	54	84 605	1 474,299	15 192,757	10,305	9,836
13	5	99 083	42 385,569	651 359,442	15,367	14,898	63	55	83 324	1 360,165	13 718,458	10,086	9,617
14	6	99 062	39 697,035	608 973,873	15,341	14,871	64	56	81 979	1 253,592	12 358,293	9,858	9,389
15	7	99 039	37 178,098	569 276,839	15,312	14,843	65	57	80 518	1 153,404	11 104,701	9,628	9,159
16	8	99 013	34 818,069	532 098,740	15,282	14,813	66	58	78 989	1 059,949	9 951,296	9,388	8,919
17	9	98 980	32 605,587	497 280,671	15,251	14,782	67	59	77 339	972,193	8 891,347	9,146	8,677
18	10	98 939	30 531,421	464 675,084	15,220	14,750	68	60	75 598	890,213	7 919,154	8,896	8,427
19	11	98 885	28 585,063	434 143,663	15,188	14,719	69	61	73 751	813,546	7 028,941	8,640	8,171
20	12	98 828	26 762,351	405 558,600	15,154	14,685	70	62	71 791	741,856	6 215,395	8,378	7,909
21	13	98 767	25 054,616	378 796,249	15,119	14,650	71	63	69 714	674,841	5 473,539	8,111	7,642
22	14	98 705	23 455,581	353 741,633	15,081	14,612	72	64	67 518	612,257	4 798,699	7,838	7,369
23	15	98 642	21 958,386	330 286,052	15,041	14,572	73	65	65 205	553,894	4 186,442	7,558	7,089
24	16	98 578	20 556,577	308 327,666	14,999	14,530	74	66	62 765	499,451	3 632,548	7,273	6,804
25	17	98 508	19 243,009	287 771,089	14,955	14,485	75	67	60 120	448,157	3 133,097	6,991	6,522
26	18	98 438	18 013,444	268 528,080	14,907	14,438	76	68	57 341	400,412	2 684,940	6,705	6,236
27	19	98 358	16 860,764	250 514,636	14,858	14,389	77	69	54 421	355,992	2 284,527	6,417	5,948
28	20	98 276	15 781,369	233 653,872	14,806	14,337	78	70	51 326	314,517	1 928,535	6,132	5,663
29	21	98 195	14 771,320	217 872,503	14,750	14,281	79	71	48 051	275,828	1 614,019	5,852	5,382
30	22	98 110	13 825,309	203 101,183	14,691	14,221	80	72	44 641	240,049	1 338,191	5,575	5,106
31	23	98 025	12 939,918	189 275,874	14,627	14,158	81	73	41 132	207,198	1 098,142	5,300	4,831
32	24	97 932	12 110,283	176 335,956	14,561	14,092	82	74	37 516	177,029	890,944	5,033	4,564
33	25	97 841	11 333,896	164 225,673	14,490	14,021	83	75	33 860	149,676	713,915	4,770	4,301
34	26	97 744	10 606,795	152 891,777	14,415	13,945	84	76	30 221	125,143	564,239	4,509	4,040
35	27	97 644	9 925,877	142 284,982	14,335	13,866	85	77	26 586	103,129	439,096	4,258	3,789
36	28	97 536	9 287,939	132 359,105	14,251	13,782	86	78	23 041	83,726	335,967	4,013	3,544
37	29	97 425	8 690,783	123 071,166	14,161	13,692	87	79	19 605	66,737	252,241	3,780	3,310
38	30	97 305	8 131,190	114 380,383	14,067	13,598	88	80	16 338	52,099	185,504	3,561	3,091
39	31	97 170	7 606,514	106 249,193	13,968	13,499	89	81	13 334	39,831	133,405	3,349	2,880
40	32	97 029	7 115,210	98 642,679	13,864	13,395	90	82	10 575	29,592	93,574	3,162	2,693
41	33	96 871	6 654,392	91 527,469	13,754	13,285	91	83	8 233	21,583	63,982	2,964	2,495
42	34	96 702	6 222,809	84 873,076	13,639	13,170	92	84	6 175	15,163	42,399	2,796	2,327
43	35	96 514	5 817,942	78 650,267	13,519	13,049	93	85	4 489	10,326	27,235	2,637	2,168
44	36	96 303	5 438,180	72 832,325	13,393	12,924	94	86	3 151	6,791	16,909	2,490	2,021
45	37	96 066	5 081,763	67 394,145	13,262	12,793	95	87	2 131	4,301	10,118	2,352	1,883
46	38	95 802	4 747,355	62 312,382	13,126	12,657	96	88	1 381	2,612	5,817	2,227	1,758
47	39	95 512	4 433,701	57 565,027	12,984	12,514	97	89	858	1,519	3,205	2,110	1,641
48	40	95 173	4 138,621	53 131,326	12,838	12,369	98	90	506	0,839	1,686	2,009	1,540
49	41	94 801	3 861,764	48 992,706	12,687	12,217	99	91	285	0,443	0,847	1,912	1,442
							100	92	151	0,220	0,404	1,833	1,364

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß   6,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9	0	99 497	55 271,222	852 077,929	15,416	14,947
10	1	99 176	51 609,032	796 806,708	15,439	14,970
11	2	99 140	48 328,617	745 197,675	15,419	14,950
12	3	99 117	45 262,081	696 869,059	15,396	14,927
13	4	99 095	42 390,621	651 606,978	15,371	14,902
14	5	99 072	39 701,047	609 216,357	15,345	14,876
15	6	99 047	37 181,336	569 515,310	15,317	14,848
16	7	99 021	34 821,058	532 333,973	15,288	14,819
17	8	98 987	32 607,988	497 512,915	15,257	14,788
18	9	98 946	30 533,527	464 904,927	15,226	14,757
19	10	98 892	28 587,092	434 371,400	15,195	14,726
20	11	98 836	26 764,491	405 784,308	15,161	14,692
21	12	98 775	25 056,633	379 019,817	15,127	14,657
22	13	98 714	23 457,683	353 963,183	15,089	14,620
23	14	98 653	21 960,766	330 505,501	15,050	14,581
24	15	98 590	20 559,163	308 544,735	15,008	14,539
25	16	98 523	19 245,971	287 985,572	14,963	14,494
26	17	98 454	18 016,335	268 739,601	14,916	14,447
27	18	98 381	16 864,616	250 723,266	14,867	14,398
28	19	98 296	15 784,629	233 858,650	14,816	14,346
29	20	98 216	14 774,600	218 074,021	14,760	14,291
30	21	98 130	13 828,203	203 299,421	14,702	14,233
31	22	98 047	12 942,822	189 471,218	14,639	14,170
32	23	97 955	12 113,052	176 528,396	14,573	14,104
33	24	97 860	11 336,188	164 415,345	14,504	14,034
34	25	97 766	10 609,129	153 079,157	14,429	13,960
35	26	97 667	9 928,226	142 470,028	14,350	13,881
36	27	97 562	9 290,435	132 541,802	14,266	13,797
37	28	97 450	8 692,981	123 251,367	14,178	13,709
38	29	97 333	8 133,524	114 558,386	14,085	13,616
39	30	97 198	7 608,667	106 424,862	13,987	13,518
40	31	97 059	7 117,360	98 816,194	13,884	13,415
41	32	96 905	6 656,752	91 698,835	13,775	13,306
42	33	96 738	6 225,086	85 042,083	13,661	13,192
43	34	96 555	5 820,414	78 816,997	13,541	13,072
44	35	96 341	5 440,344	72 996,583	13,418	12,949
45	36	96 112	5 084,179	67 556,239	13,288	12,818
46	37	95 853	4 749,890	62 472,060	13,152	12,683
47	38	95 565	4 436,171	57 722,170	13,012	12,543
48	39	95 236	4 141,360	53 285,999	12,867	12,398
49	40	94 868	3 864,494	49 144,639	12,717	12,248
50	41	94 461	3 604,613	45 280,146	12,562	12,093
51	42	94 008	3 360,482	41 675,532	12,402	11,933
52	43	93 480	3 130,310	38 315,051	12,240	11,771
53	44	92 917	2 914,708	35 184,740	12,071	11,602
54	45	92 300	2 712,285	32 270,032	11,898	11,429
55	46	91 612	2 521,842	29 557,748	11,721	11,252
56	47	90 864	2 343,091	27 035,906	11,539	11,069
57	48	90 054	2 175,371	24 692,814	11,351	10,882
58	49	89 171	2 017,849	22 517,444	11,159	10,690
59	50	88 205	1 869,778	20 499,595	10,964	10,495
60	51	87 171	1 731,011	18 629,817	10,762	10,293
61	52	86 054	1 600,779	16 898,805	10,557	10,087
62	53	84 860	1 478,745	15 298,026	10,345	9,876
63	54	83 590	1 364,519	13 819,281	10,128	9,658
64	55	82 270	1 258,049	12 454,762	9,900	9,431
65	56	80 823	1 157,772	11 196,712	9,671	9,202
66	57	79 306	1 064,202	10 038,940	9,433	8,964
67	58	77 682	976,502	8 974,739	9,191	8,722
68	59	75 957	894,436	7 998,237	8,942	8,473
69	60	74 150	817,954	7 103,801	8,685	8,216
70	61	72 206	746,144	6 285,846	8,424	7,955
71	62	70 157	679,124	5 539,702	8,157	7,688
72	63	67 976	616,410	4 860,578	7,885	7,416
73	64	65 688	557,995	4 244,168	7,606	7,137
74	65	63 259	503,382	3 686,173	7,323	6,854
75	66	60 639	452,024	3 182,791	7,041	6,572
76	67	57 870	404,103	2 730,767	6,758	6,288
77	68	54 955	359,483	2 326,664	6,472	6,003
78	69	51 877	317,893	1 967,181	6,188	5,719
79	70	48 615	279,067	1 649,288	5,910	5,441
80	71	45 223	243,180	1 370,221	5,635	5,165
81	72	41 737	210,241	1 127,041	5,361	4,892
82	73	38 136	179,956	916,800	5,095	4,625
83	74	34 502	152,514	736,844	4,831	4,362
84	75	30 884	127,887	584,330	4,569	4,100
85	76	27 253	105,719	456,443	4,318	3,848
86	77	23 698	86,113	350,725	4,073	3,604
87	78	20 255	68,948	264,612	3,838	3,369
88	79	16 954	54,062	195,663	3,619	3,150
89	80	13 915	41,567	141,601	3,407	2,937
90	81	11 104	31,071	100,034	3,220	2,750
91	82	8 714	22,842	68,963	3,019	2,550
92	83	6 588	16,178	46,121	2,851	2,382
93	84	4 839	11,131	29,943	2,690	2,221
94	85	3 436	7,404	18,812	2,541	2,072
95	86	2 352	4,749	11,408	2,402	1,933
96	87	1 549	2,929	6,660	2,273	1,804
97	88	977	1,731	3,730	2,155	1,686
98	89	589	0,978	2,000	2,045	1,576
99	90	337	0,524	1,022	1,950	1,481
100	91	184	0,268	0,498	1,859	1,390

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß   6,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	40	94 528	3 607,161	45 416,475	12,591	12,122
1							51	41	94 083	3 363,177	41 809,314	12,431	11,962
2							52	42	93 563	3 133,099	38 446,137	12,271	11,802
3							53	43	93 012	2 917,695	35 313,038	12,103	11,634
4							54	44	92 404	2 715,334	32 395,342	11,931	11,461
5							55	45	91 728	2 525,047	29 680,008	11,754	11,285
6							56	46	90 992	2 346,397	27 154,961	11,573	11,104
7							57	47	90 201	2 178,934	24 808,563	11,386	10,917
8							58	48	89 329	2 021,424	22 629,630	11,195	10,726
9							59	49	88 387	1 873,633	20 608,206	10,999	10,530
10	0	99 489	51 772,254	797 219,973	15,399	14,929	60	50	87 364	1 734,833	18 734,573	10,799	10,330
11	1	99 167	48 341,377	745 447,719	15,420	14,951	61	51	86 265	1 604,705	16 999,740	10,594	10,125
12	2	99 132	45 268,824	697 106,342	15,399	14,930	62	52	85 093	1 482,816	15 395,034	10,382	9,913
13	3	99 106	42 395,358	651 837,519	15,375	14,906	63	53	83 842	1 368,634	13 912,218	10,165	9,696
14	4	99 084	39 705,780	609 442,161	15,349	14,880	64	54	82 534	1 262,077	12 543,584	9,939	9,470
15	5	99 057	37 185,095	569 736,381	15,322	14,853	65	55	81 110	1 161,889	11 281,507	9,710	9,241
16	6	99 030	34 824,091	532 551,287	15,293	14,823	66	56	79 606	1 068,231	10 119,618	9,473	9,004
17	7	98 995	32 610,787	497 727,196	15,263	14,794	67	57	77 994	980,420	9 051,387	9,232	8,763
18	8	98 953	30 535,776	465 116,409	15,232	14,763	68	58	76 293	898,400	8 070,966	8,984	8,515
19	9	98 899	28 589,064	434 580,633	15,201	14,732	69	59	74 502	821,835	7 172,566	8,728	8,258
20	10	98 843	26 766,391	405 991,568	15,168	14,699	70	60	72 597	750,187	6 350,731	8,466	7,996
21	11	98 783	25 058,637	379 225,178	15,134	14,664	71	61	70 562	683,049	5 600,544	8,199	7,730
22	12	98 722	23 459,571	354 166,541	15,097	14,628	72	62	68 408	620,323	4 917,495	7,927	7,458
23	13	98 661	21 962,733	330 706,970	15,058	14,589	73	63	66 134	561,780	4 297,172	7,649	7,180
24	14	98 601	20 561,391	308 744,236	15,016	14,547	74	64	63 727	507,109	3 735,392	7,366	6,897
25	15	98 535	19 248,392	288 182,845	14,972	14,503	75	65	61 116	455,582	3 228,282	7,086	6,617
26	16	98 469	18 019,108	268 934,453	14,925	14,456	76	66	58 369	407,589	2 772,700	6,803	6,334
27	17	98 396	16 867,323	250 915,345	14,876	14,407	77	67	55 461	362,796	2 365,111	6,519	6,050
28	18	98 318	15 788,235	234 048,023	14,824	14,355	78	68	52 386	321,010	2 002,315	6,238	5,768
29	19	98 237	14 777,652	218 259,787	14,770	14,300	79	69	49 137	282,063	1 681,305	5,961	5,492
30	20	98 152	13 831,274	203 482,135	14,712	14,243	80	70	45 754	246,035	1 399,242	5,687	5,218
31	21	98 067	12 945,531	189 650,862	14,650	14,181	81	71	42 281	212,984	1 153,207	5,415	4,945
32	22	97 977	12 115,769	176 705,330	14,585	14,116	82	72	38 696	182,599	940,223	5,149	4,680
33	23	97 883	11 338,780	164 589,561	14,516	14,047	83	73	35 072	155,035	757,624	4,887	4,418
34	24	97 786	10 611,274	153 250,781	14,442	13,973	84	74	31 469	130,312	602,589	4,624	4,155
35	25	97 688	9 930,411	142 639,508	14,364	13,895	85	75	27 851	108,037	472,277	4,371	3,902
36	26	97 585	9 292,634	132 709,097	14,281	13,812	86	76	24 293	88,275	364,240	4,126	3,657
37	27	97 476	8 695,317	123 416,463	14,193	13,724	87	77	20 832	70,914	275,965	3,892	3,422
38	28	97 357	8 135,581	114 721,145	14,101	13,632	88	78	17 515	55,853	205,051	3,671	3,202
39	29	97 226	7 610,851	106 585,564	14,004	13,535	89	79	14 439	43,133	149,197	3,459	2,990
40	30	97 086	7 119,375	98 974,713	13,902	13,433	90	80	11 588	32,425	106,065	3,271	2,802
41	31	96 934	6 658,763	91 855,338	13,795	13,326	91	81	9 149	23,984	73,639	3,070	2,601
42	32	96 772	6 227,293	85 196,575	13,681	13,212	92	82	6 973	17,122	49,656	2,900	2,431
43	33	96 590	5 822,543	78 969,282	13,563	13,094	93	83	5 163	11,876	32,533	2,739	2,270
44	34	96 382	5 442,656	73 146,739	13,440	12,970	94	84	3 704	7,981	20,657	2,588	2,119
45	35	96 150	5 086,202	67 704,083	13,311	12,842	95	85	2 565	5,177	12,677	2,449	1,980
46	36	95 899	4 752,148	62 617,881	13,177	12,708	96	86	1 710	3,234	7,500	2,319	1,850
47	37	95 616	4 438,539	57 865,733	13,037	12,568	97	87	1 096	1,941	4,265	2,198	1,729
48	38	95 289	4 143,667	53 427,194	12,894	12,425	98	88	671	1,114	2,325	2,087	1,618
49	39	94 931	3 867,052	49 283,527	12,744	12,275	99	89	393	0,610	1,211	1,984	1,515
							100	90	218	0,317	0,600	1,895	1,425

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß 6,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11	0	99 480	48 494,264	745 829,258	15,380	14,911
12	1	99 158	45 280,776	697 334,993	15,400	14,931
13	2	99 121	42 401,673	652 054,217	15,378	14,909
14	3	99 095	39 710,217	609 652,544	15,353	14,883
15	4	99 069	37 189,527	569 942,328	15,325	14,856
16	5	99 040	34 827,611	532 752,801	15,297	14,828
17	6	99 004	32 613,627	497 925,190	15,267	14,798
18	7	98 962	30 538,397	465 311,563	15,237	14,768
19	8	98 906	28 591,170	434 773,165	15,207	14,737
20	9	98 850	26 768,237	406 181,996	15,174	14,705
21	10	98 790	25 060,416	379 413,758	15,140	14,671
22	11	98 730	23 461,447	354 353,343	15,104	14,635
23	12	98 669	21 964,501	330 891,895	15,065	14,596
24	13	98 610	20 563,233	308 927,394	15,023	14,554
25	14	98 546	19 250,479	288 364,161	14,980	14,510
26	15	98 481	18 021,374	269 113,682	14,933	14,464
27	16	98 411	16 869,918	251 092,308	14,884	14,415
28	17	98 334	15 790,769	234 222,389	14,833	14,364
29	18	98 259	14 781,028	218 431,620	14,778	14,309
30	19	98 172	13 834,131	203 650,591	14,721	14,252
31	20	98 089	12 948,406	189 816,461	14,659	14,190
32	21	97 997	12 118,306	176 868,055	14,595	14,126
33	22	97 905	11 341,324	164 749,749	14,527	14,057
34	23	97 808	10 613,700	153 408,425	14,454	13,985
35	24	97 708	9 932,419	142 794,726	14,377	13,908
36	25	97 606	9 294,679	132 862,307	14,294	13,825
37	26	97 499	8 697,376	123 567,629	14,207	13,738
38	27	97 383	8 137,767	114 870,253	14,116	13,647
39	28	97 250	7 612,776	106 732,485	14,020	13,551
40	29	97 114	7 121,418	99 119,709	13,919	13,449
41	30	96 962	6 660,648	91 998,291	13,812	13,343
42	31	96 801	6 229,174	85 337,643	13,700	13,231
43	32	96 624	5 824,608	79 108,469	13,582	13,113
44	33	96 418	5 444,647	73 283,861	13,460	12,991
45	34	96 191	5 088,364	67 839,214	13,332	12,863
46	35	95 937	4 754,039	62 750,850	13,199	12,730
47	36	95 661	4 440,650	57 996,811	13,060	12,591
48	37	95 340	4 145,880	53 556,162	12,918	12,449
49	38	94 983	3 869,206	49 410,282	12,770	12,301
50	39	94 590	3 609,548	45 541,076	12,617	12,148
51	40	94 150	3 365,554	41 931,528	12,459	11,990
52	41	93 638	3 135,612	38 565,974	12,299	11,830
53	42	93 095	2 920,295	35 430,361	12,132	11,663
54	43	92 498	2 718,118	32 510,067	11,961	11,491
55	44	91 831	2 527,886	29 791,949	11,785	11,316
56	45	91 108	2 349,379	27 264,063	11,605	11,136
57	46	90 329	2 182,008	24 914,683	11,418	10,949
58	47	89 476	2 024,734	22 732,675	11,227	10,758
59	48	88 544	1 876,952	20 707,941	11,033	10,564
60	49	87 544	1 738,410	18 830,988	10,832	10,363
61	50	86 456	1 608,248	17 092,578	10,628	10,159
62	51	85 302	1 486,453	15 484,330	10,417	9,948
63	52	84 073	1 372,402	13 997,877	10,200	9,730
64	53	82 782	1 265,883	12 625,474	9,974	9,505
65	54	81 370	1 165,608	11 359,591	9,746	9,277
66	55	79 889	1 072,030	10 193,983	9,509	9,040
67	56	78 289	984,133	9 121,953	9,269	8,800
68	57	76 599	902,005	8 137,821	9,022	8,553
69	58	74 832	825,477	7 235,816	8,766	8,296
70	59	72 942	753,746	6 410,338	8,505	8,036
71	60	70 945	686,751	5 656,592	8,237	7,768
72	61	68 803	623,909	4 969,842	7,966	7,497
73	62	66 553	565,346	4 345,933	7,687	7,218
74	63	64 160	510,549	3 780,587	7,405	6,936
75	64	61 569	458,955	3 270,038	7,125	6,656
76	65	58 828	410,797	2 811,083	6,843	6,374
77	66	55 940	365,926	2 400,285	6,559	6,090
78	67	52 869	323,969	2 034,359	6,279	5,810
79	68	49 619	284,829	1 710,390	6,005	5,536
80	69	46 245	248,677	1 425,562	5,733	5,263
81	70	42 777	215,485	1 176,885	5,462	4,992
82	71	39 201	184,981	961,400	5,197	4,728
83	72	35 588	157,313	776,419	4,936	4,466
84	73	31 989	132,466	619,106	4,674	4,205
85	74	28 379	110,085	486,641	4,421	3,951
86	75	24 825	90,211	376,555	4,174	3,705
87	76	21 355	72,695	286,344	3,939	3,470
88	77	18 015	57,446	213,650	3,719	3,250
89	78	14 918	44,562	156,204	3,505	3,036
90	79	12 024	33,647	111,642	3,318	2,849
91	80	9 548	25,029	77,995	3,116	2,647
92	81	7 321	17,978	52,966	2,946	2,477
93	82	5 464	12,569	34,988	2,784	2,314
94	83	3 951	8,515	22,419	2,633	2,164
95	84	2 765	5,581	13,904	2,492	2,022
96	85	1 865	3,526	8,324	2,361	1,892
97	86	1 210	2,143	4,798	2,239	1,770
98	87	753	1,249	2,655	2,126	1,657
99	88	447	0,695	1,406	2,022	1,553
100	89	254	0,369	0,711	1,925	1,456

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß   6,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	38	94 643	3 611,559	45 654,773	12,641	12,172
1							51	39	94 212	3 367,782	42 043,214	12,484	12,015
2							52	40	93 704	3 137,828	38 675,432	12,326	11,856
3							53	41	93 169	2 922,637	35 537,604	12,159	11,690
4							54	42	92 581	2 720,539	32 614,966	11,988	11,519
5							55	43	91 926	2 530,477	29 894,427	11,814	11,345
6							56	44	91 210	2 352,021	27 363,950	11,634	11,165
7							57	45	90 443	2 184,781	25 011,929	11,448	10,979
8							58	46	89 602	2 027,591	22 827,147	11,258	10,789
9							59	47	88 689	1 880,026	20 799,556	11,063	10,594
10							60	48	87 699	1 741,490	18 919,530	10,864	10,395
11							61	49	86 634	1 611,564	17 178,040	10,659	10,190
12	0	99 472	45 423,984	697 687,277	15,359	14,890	62	50	85 490	1 489,735	15 566,475	10,449	9,980
13	1	99 147	42 412,868	652 263,293	15,379	14,910	63	51	84 280	1 375,768	14 076,740	10,232	9,763
14	2	99 110	39 716,132	609 850,425	15,355	14,886	64	52	83 010	1 269,368	12 700,972	10,006	9,537
15	3	99 080	37 193,683	570 134,293	15,329	14,860	65	53	81 616	1 169,123	11 431,604	9,778	9,309
16	4	99 052	34 831,762	532 940,610	15,300	14,831	66	54	80 145	1 075,462	10 262,481	9,542	9,073
17	5	99 014	32 616,924	498 108,848	15,271	14,802	67	55	78 568	987,632	9 187,019	9,302	8,833
18	6	98 971	30 541,057	465 491,924	15,242	14,772	68	56	76 889	905,420	8 199,387	9,056	8,587
19	7	98 914	28 593,624	434 950,867	15,211	14,742	69	57	75 133	828,790	7 293,966	8,801	8,332
20	8	98 857	26 770,209	406 357,243	15,179	14,710	70	58	73 265	757,086	6 465,177	8,540	8,070
21	9	98 797	25 062,144	379 587,034	15,146	14,677	71	59	71 281	690,009	5 708,090	8,272	7,803
22	10	98 737	23 463,113	354 524,890	15,110	14,641	72	60	69 176	627,289	5 018,081	8,000	7,531
23	11	98 677	21 966,258	331 061,777	15,071	14,602	73	61	66 938	568,614	4 390,792	7,722	7,253
24	12	98 618	20 564,889	309 095,519	15,030	14,561	74	62	64 567	513,790	3 822,178	7,439	6,970
25	13	98 555	19 252,203	288 530,630	14,987	14,518	75	63	61 987	462,069	3 308,388	7,160	6,691
26	14	98 492	18 023,328	269 278,427	14,941	14,471	76	64	59 264	413,839	2 846,320	6,878	6,409
27	15	98 424	16 872,041	251 255,099	14,892	14,423	77	65	56 380	368,807	2 432,481	6,596	6,126
28	16	98 349	15 793,199	234 383,058	14,841	14,372	78	66	53 325	326,764	2 063,674	6,315	5,846
29	17	98 275	14 783,401	218 589,859	14,786	14,317	79	67	50 076	287,454	1 736,910	6,042	5,573
30	18	98 195	13 837,291	203 806,458	14,729	14,260	80	68	46 699	251,115	1 449,457	5,772	5,303
31	19	98 109	12 951,081	189 969,167	14,668	14,199	81	69	43 237	217,798	1 198,342	5,502	5,033
32	20	98 019	12 120,996	177 018,086	14,604	14,135	82	70	39 661	187,153	980,544	5,239	4,770
33	21	97 925	11 343,698	164 897,090	14,536	14,067	83	71	36 052	159,365	793,390	4,978	4,509
34	22	97 830	10 616,081	153 553,392	14,464	13,995	84	72	32 459	134,412	634,025	4,717	4,248
35	23	97 731	9 934,690	142 937,311	14,388	13,919	85	73	28 848	111,905	499,614	4,465	3,995
36	24	97 626	9 296,558	133 002,621	14,307	13,838	86	74	25 296	91,921	387,709	4,218	3,749
37	25	97 520	8 699,289	123 706,063	14,220	13,751	87	75	21 824	74,289	295,787	3,982	3,512
38	26	97 406	8 139,694	115 006,774	14,129	13,660	88	76	18 467	58,888	221,499	3,761	3,292
39	27	97 276	7 614,822	106 867,080	14,034	13,565	89	77	15 343	45,832	162,610	3,548	3,079
40	28	97 139	7 123,219	99 252,258	13,934	13,464	90	78	12 423	34,762	116,778	3,359	2,890
41	29	96 989	6 662,560	92 129,039	13,828	13,359	91	79	9 908	25,972	82,016	3,158	2,689
42	30	96 829	6 230,938	85 466,479	13,716	13,247	92	80	7 640	18,761	56,044	2,987	2,518
43	31	96 653	5 826,368	79 235,541	13,599	13,130	93	81	5 737	13,197	37,283	2,825	2,356
44	32	96 452	5 446,577	73 409,174	13,478	13,009	94	82	4 182	9,012	24,086	2,673	2,204
45	33	96 226	5 090,225	67 962,596	13,352	12,882	95	83	2 950	5,954	15,074	2,532	2,063
46	34	95 978	4 756,059	62 872,371	13,219	12,750	96	84	2 010	3,801	9,120	2,400	1,930
47	35	95 700	4 442,417	58 116,312	13,082	12,613	97	85	1 319	2,336	5,319	2,277	1,808
48	36	95 385	4 147,851	53 673,896	12,940	12,471	98	86	831	1,379	2,983	2,163	1,694
49	37	95 034	3 871,272	49 526,045	12,793	12,324	99	87	502	0,780	1,604	2,057	1,588
							100	88	289	0,421	0,825	1,960	1,491

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß   6,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	37	94 694	3 613,487	45 758,597	12,663	12,194
1							51	38	94 264	3 369,658	42 145,110	12,507	12,038
2							52	39	93 766	3 139,905	38 775,452	12,349	11,880
3							53	40	93 235	2 924,703	35 635,546	12,184	11,715
4							54	41	92 655	2 722,721	32 710,843	12,014	11,545
5							55	42	92 007	2 532,732	29 988,122	11,840	11,371
6							56	43	91 304	2 354,432	27 455,390	11,661	11,192
7							57	44	90 545	2 187,238	25 100,959	11,476	11,007
8							58	45	89 716	2 030,168	22 913,721	11,287	10,817
9							59	46	88 814	1 882,679	20 883,552	11,092	10,623
10							60	47	87 843	1 744,342	19 000,873	10,893	10,424
11							61	48	86 788	1 614,419	17 256,531	10,689	10,220
12							62	49	85 667	1 492,807	15 642,111	10,478	10,009
13	0	99 461	42 547,006	652 588,599	15,338	14,869	63	50	84 466	1 378,806	14 149,305	10,262	9,793
14	1	99 136	39 726,618	610 041,593	15,356	14,887	64	51	83 214	1 272,481	12 770,499	10,036	9,567
15	2	99 095	37 199,223	570 314,975	15,331	14,862	65	52	81 840	1 172,342	11 498,018	9,808	9,339
16	3	99 063	34 835,655	533 115,751	15,304	14,835	66	53	80 386	1 078,705	10 325,676	9,572	9,103
17	4	99 026	32 620,812	498 280,097	15,275	14,806	67	54	78 819	990,794	9 246,971	9,333	8,864
18	5	98 981	30 544,144	465 659,285	15,245	14,776	68	55	77 163	908,640	8 256,177	9,086	8,617
19	6	98 923	28 596,114	435 115,141	15,216	14,747	69	56	75 417	831,928	7 347,537	8,832	8,363
20	7	98 866	26 772,507	406 519,026	15,184	14,715	70	57	73 559	760,124	6 515,609	8,572	8,103
21	8	98 804	25 063,990	379 746,520	15,151	14,682	71	58	71 597	693,067	5 755,485	8,304	7,835
22	9	98 744	23 464,731	354 682,530	15,116	14,646	72	59	69 504	630,265	5 062,418	8,032	7,563
23	10	98 684	21 967,817	331 217,798	15,077	14,608	73	60	67 301	571,695	4 432,153	7,753	7,284
24	11	98 626	20 566,533	309 249,981	15,037	14,567	74	61	64 940	516,760	3 860,458	7,471	7,001
25	12	98 563	19 253,753	288 683,448	14,994	14,524	75	62	62 380	465,002	3 343,698	7,191	6,722
26	13	98 501	18 024,943	269 429,695	14,948	14,478	76	63	59 666	416,646	2 878,696	6,909	6,440
27	14	98 435	16 873,870	251 404,752	14,899	14,430	77	64	56 798	371,537	2 462,050	6,627	6,158
28	15	98 362	15 795,186	234 530,883	14,848	14,379	78	65	53 745	329,336	2 090,513	6,348	5,879
29	16	98 290	14 785,676	218 735,696	14,794	14,325	79	66	50 508	289,934	1 761,177	6,074	5,605
30	17	98 210	13 839,512	203 950,020	14,737	14,268	80	67	47 129	253,429	1 471,243	5,805	5,336
31	18	98 132	12 954,039	190 110,508	14,676	14,207	81	68	43 661	219,934	1 217,814	5,537	5,068
32	19	98 039	12 123,500	177 156,469	14,613	14,144	82	69	40 087	189,162	997,880	5,275	4,806
33	20	97 947	11 346,217	165 032,968	14,545	14,076	83	70	36 475	161,236	808,718	5,016	4,547
34	21	97 851	10 618,303	153 686,752	14,474	14,005	84	71	32 883	136,165	647,482	4,755	4,286
35	22	97 752	9 936,919	143 068,448	14,398	13,929	85	72	29 272	113,549	511,317	4,503	4,034
36	23	97 648	9 298,683	133 131,530	14,317	13,848	86	73	25 714	93,441	397,768	4,257	3,788
37	24	97 540	8 701,048	123 832,846	14,232	13,763	87	74	22 238	75,697	304,327	4,020	3,551
38	25	97 428	8 141,485	115 131,798	14,141	13,672	88	75	18 872	60,179	228,629	3,799	3,330
39	26	97 299	7 616,625	106 990,313	14,047	13,578	89	76	15 728	46,983	168,450	3,585	3,116
40	27	97 165	7 125,134	99 373,689	13,947	13,478	90	77	12 777	35,753	121,467	3,397	2,928
41	28	97 014	6 664,245	92 248,555	13,842	13,373	91	78	10 236	26,832	85,714	3,194	2,725
42	29	96 857	6 232,726	85 584,310	13,731	13,262	92	79	7 928	19,468	58,881	3,024	2,555
43	30	96 681	5 828,017	79 351,584	13,616	13,146	93	80	5 987	13,773	39,413	2,862	2,393
44	31	96 481	5 448,223	73 523,567	13,495	13,026	94	81	4 391	9,462	25,641	2,710	2,241
45	32	96 260	5 092,030	68 075,344	13,369	12,900	95	82	3 122	6,301	16,179	2,567	2,098
46	33	96 013	4 757,799	62 983,314	13,238	12,769	96	83	2 144	4,055	9,877	2,436	1,967
47	34	95 740	4 444,304	58 225,515	13,101	12,632	97	84	1 422	2,518	5,822	2,312	1,843
48	35	95 423	4 149,501	53 781,211	12,961	12,492	98	85	906	1,503	3,304	2,198	1,729
49	36	95 079	3 873,112	49 631,710	12,814	12,345	99	86	554	0,861	1,801	2,092	1,622
							100	87	324	0,472	0,940	1,992	1,523

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß   6,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	36	94 739	3 615,205	45 853,354	12,683	12,214
1							51	37	94 315	3 371,457	42 238,148	12,528	12,059
2							52	38	93 818	3 141,654	38 866,691	12,371	11,902
3							53	39	93 297	2 926,639	35 725,036	12,207	11,738
4							54	40	92 720	2 724,646	32 798,397	12,038	11,569
5							55	41	92 081	2 534,763	30 073,752	11,865	11,395
6							56	42	91 385	2 356,529	27 538,989	11,686	11,217
7							57	43	90 638	2 189,480	25 182,459	11,502	11,032
8							58	44	89 817	2 032,451	22 992,979	11,313	10,844
9							59	45	88 927	1 885,072	20 960,528	11,119	10,650
10							60	46	87 966	1 746,804	19 075,456	10,920	10,451
11							61	47	86 930	1 617,063	17 328,653	10,716	10,247
12							62	48	85 819	1 495,451	15 711,589	10,506	10,037
13							63	49	84 640	1 381,649	14 216,138	10,289	9,820
14	0	99 450	39 852,260	610 342,023	15,315	14,846	64	50	83 398	1 275,291	12 834,489	10,064	9,595
15	1	99 121	37 209,045	570 489,763	15,332	14,863	65	51	82 041	1 175,217	11 559,199	9,836	9,367
16	2	99 077	34 840,844	533 280,718	15,306	14,837	66	52	80 608	1 081,675	10 383,981	9,600	9,131
17	3	99 037	32 624,457	498 439,874	15,278	14,809	67	53	79 057	993,782	9 302,307	9,361	8,891
18	4	98 992	30 547,785	465 815,417	15,249	14,780	68	54	77 410	911,549	8 308,525	9,115	8,646
19	5	98 933	28 599,005	435 267,632	15,220	14,751	69	55	75 685	834,886	7 396,976	8,860	8,391
20	6	98 875	26 774,838	406 668,627	15,188	14,719	70	56	73 838	763,002	6 562,090	8,600	8,131
21	7	98 813	25 066,142	379 893,789	15,156	14,687	71	57	71 884	695,848	5 799,087	8,334	7,865
22	8	98 751	23 466,459	354 827,647	15,121	14,652	72	58	69 812	633,059	5 103,240	8,061	7,592
23	9	98 691	21 969,333	331 361,188	15,083	14,614	73	59	67 620	574,407	4 470,181	7,782	7,313
24	10	98 633	20 567,993	309 391,855	15,042	14,573	74	60	65 292	519,560	3 895,774	7,498	7,029
25	11	98 571	19 255,293	288 823,862	15,000	14,531	75	61	62 741	467,689	3 376,214	7,219	6,750
26	12	98 509	18 026,394	269 568,569	14,954	14,485	76	62	60 045	419,291	2 908,525	6,937	6,468
27	13	98 443	16 875,381	251 542,175	14,906	14,437	77	63	57 183	374,057	2 489,234	6,655	6,186
28	14	98 372	15 796,898	234 666,794	14,855	14,386	78	64	54 142	331,775	2 115,176	6,375	5,906
29	15	98 302	14 787,536	218 869,896	14,801	14,332	79	65	50 906	292,216	1 783,402	6,103	5,634
30	16	98 225	13 841,642	204 082,360	14,744	14,275	80	66	47 536	255,616	1 491,186	5,834	5,365
31	17	98 148	12 956,118	190 240,717	14,683	14,214	81	67	44 063	221,961	1 235,570	5,567	5,097
32	18	98 062	12 126,270	177 284,599	14,620	14,151	82	68	40 480	191,017	1 013,609	5,306	4,837
33	19	97 967	11 348,561	165 158,329	14,553	14,084	83	69	36 867	162,967	822,592	5,048	4,578
34	20	97 872	10 620,661	153 809,768	14,482	14,013	84	70	33 269	137,764	659,625	4,788	4,319
35	21	97 773	9 938,999	143 189,107	14,407	13,938	85	71	29 654	115,030	521,861	4,537	4,068
36	22	97 670	9 300,770	133 250,108	14,327	13,858	86	72	26 092	94,814	406,831	4,291	3,822
37	23	97 562	8 703,038	123 949,339	14,242	13,773	87	73	22 605	76,949	312,017	4,055	3,586
38	24	97 448	8 143,131	115 246,301	14,153	13,683	88	74	19 230	61,320	235,068	3,833	3,364
39	25	97 321	7 618,300	107 103,170	14,059	13,590	89	75	16 073	48,013	173,748	3,619	3,150
40	26	97 188	7 126,820	99 484,870	13,959	13,490	90	76	13 098	36,650	125,735	3,431	2,962
41	27	97 040	6 666,036	92 358,050	13,855	13,386	91	77	10 528	27,598	89,084	3,228	2,759
42	28	96 881	6 234,303	85 692,014	13,745	13,276	92	78	8 191	20,113	61,487	3,057	2,588
43	29	96 708	5 829,690	79 457,711	13,630	13,161	93	79	6 213	14,292	41,373	2,895	2,426
44	30	96 508	5 449,765	73 628,021	13,510	13,041	94	80	4 582	9,874	27,082	2,743	2,274
45	31	96 289	5 093,568	68 178,256	13,385	12,916	95	81	3 278	6,616	17,208	2,601	2,132
46	32	96 047	4 759,486	63 084,688	13,255	12,785	96	82	2 270	4,292	10,591	2,468	1,999
47	33	95 775	4 445,930	58 325,202	13,119	12,650	97	83	1 517	2,687	6,300	2,345	1,876
48	34	95 464	4 151,265	53 879,272	12,979	12,510	98	84	977	1,621	3,613	2,229	1,760
49	35	95 117	3 874,654	49 728,007	12,834	12,365	99	85	604	0,939	1,992	2,123	1,654
							100	86	358	0,521	1,054	2,023	1,554

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß   6,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	35	94 776	3 616,644	45 939,695	12,702	12,233
1							51	36	94 360	3 373,060	42 323,050	12,547	12,078
2							52	37	93 869	3 143,332	38 949,990	12,391	11,922
3							53	38	93 349	2 928,269	35 806,658	12,228	11,759
4							54	39	92 782	2 726,449	32 878,389	12,059	11,590
5							55	40	92 146	2 536,555	30 151,940	11,887	11,418
6							56	41	91 458	2 358,420	27 615,385	11,709	11,240
7							57	42	90 719	2 191,430	25 256,966	11,525	11,056
8							58	43	89 909	2 034,534	23 065,535	11,337	10,868
9							59	44	89 027	1 887,192	21 031,001	11,144	10,675
10							60	45	88 078	1 749,024	19 143,809	10,945	10,476
11							61	46	87 052	1 619,345	17 394,786	10,742	10,273
12							62	47	85 959	1 497,900	15 775,440	10,532	10,063
13							63	48	84 790	1 384,096	14 277,540	10,315	9,846
14							64	49	83 570	1 277,920	12 893,444	10,089	9,620
15	0	99 435	37 326,725	570 767,249	15,291	14,822	65	50	82 222	1 177,812	11 615,523	9,862	9,393
16	1	99 104	34 850,043	533 440,525	15,307	14,838	66	51	80 805	1 084,328	10 437,711	9,626	9,157
17	2	99 052	32 629,317	498 590,482	15,280	14,811	67	52	79 274	996,518	9 353,383	9,386	8,917
18	3	99 003	30 551,198	465 961,165	15,252	14,783	68	53	77 643	914,298	8 356,866	9,140	8,671
19	4	98 945	28 602,414	435 409,966	15,223	14,754	69	54	75 928	837,559	7 442,568	8,886	8,417
20	5	98 885	26 777,545	406 807,552	15,192	14,723	70	55	74 100	765,716	6 605,009	8,626	8,157
21	6	98 821	25 068,325	380 030,007	15,160	14,691	71	56	72 156	698,483	5 839,294	8,360	7,891
22	7	98 759	23 468,474	354 961,683	15,125	14,656	72	57	70 092	635,599	5 140,811	8,088	7,619
23	8	98 698	21 970,951	331 493,209	15,088	14,619	73	58	67 920	576,953	4 505,212	7,809	7,340
24	9	98 640	20 569,412	309 522,258	15,048	14,579	74	59	65 602	522,025	3 928,259	7,525	7,056
25	10	98 578	19 256,660	288 952,846	15,005	14,536	75	60	63 081	470,223	3 406,234	7,244	6,775
26	11	98 516	18 027,835	269 696,187	14,960	14,491	76	61	60 392	421,714	2 936,011	6,962	6,493
27	12	98 451	16 876,740	251 668,351	14,912	14,443	77	62	57 546	376,432	2 514,297	6,679	6,210
28	13	98 381	15 798,314	234 791,611	14,862	14,393	78	63	54 510	334,025	2 137,865	6,400	5,931
29	14	98 313	14 789,139	218 993,298	14,808	14,339	79	64	51 283	294,380	1 803,840	6,128	5,658
30	15	98 238	13 843,384	204 204,159	14,751	14,282	80	65	47 910	257,628	1 509,460	5,859	5,390
31	16	98 163	12 958,112	190 360,775	14,690	14,221	81	66	44 443	223,876	1 251,832	5,592	5,123
32	17	98 077	12 128,216	177 402,663	14,627	14,158	82	67	40 853	192,778	1 027,956	5,332	4,863
33	18	97 990	11 351,153	165 274,447	14,560	14,091	83	68	37 228	164,565	835,178	5,075	4,606
34	19	97 892	10 622,855	153 923,293	14,490	14,021	84	69	33 626	139,243	670,613	4,816	4,347
35	20	97 795	9 941,206	143 300,438	14,415	13,946	85	70	30 002	116,381	531,371	4,566	4,097
36	21	97 691	9 302,717	133 359,232	14,336	13,866	86	71	26 432	96,051	414,990	4,321	3,851
37	22	97 584	8 704,990	124 056,516	14,251	13,782	87	72	22 937	78,079	318,940	4,085	3,616
38	23	97 470	8 144,992	115 351,525	14,162	13,693	88	73	19 548	62,334	240,860	3,864	3,395
39	24	97 340	7 619,841	107 206,533	14,069	13,600	89	74	16 378	48,924	178,526	3,649	3,180
40	25	97 209	7 128,388	99 586,692	13,970	13,501	90	75	13 385	37,454	129,603	3,460	2,991
41	26	97 063	6 667,614	92 458,304	13,867	13,398	91	76	10 792	28,291	92,148	3,257	2,788
42	27	96 907	6 235,978	85 790,690	13,757	13,288	92	77	8 424	20,687	63,858	3,087	2,618
43	28	96 733	5 831,164	79 554,712	13,643	13,174	93	78	6 419	14,765	43,171	2,924	2,455
44	29	96 536	5 451,329	73 723,548	13,524	13,055	94	79	4 755	10,246	28,406	2,772	2,303
45	30	96 316	5 095,010	68 272,218	13,400	12,931	95	80	3 420	6,905	18,160	2,630	2,161
46	31	96 076	4 760,924	63 177,208	13,270	12,801	96	81	2 383	4,506	11,255	2,498	2,029
47	32	95 809	4 447,506	58 416,284	13,135	12,665	97	82	1 605	2,843	6,749	2,374	1,904
48	33	95 499	4 152,783	53 968,778	12,996	12,527	98	83	1 042	1,729	3,906	2,259	1,790
49	34	95 158	3 876,300	49 815,995	12,851	12,382	99	84	651	1,012	2,177	2,151	1,682
							100	85	390	0,568	1,165	2,052	1,582

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß   6,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	34	94 817	3 618,181	46 018,578	12,719	12,250
1							51	35	94 397	3 374,402	42 400,397	12,565	12,096
2							52	36	93 913	3 144,826	39 025,995	12,410	11,940
3							53	37	93 399	2 929,833	35 881,168	12,247	11,778
4							54	38	92 834	2 727,968	32 951,336	12,079	11,610
5							55	39	92 207	2 538,234	30 223,368	11,907	11,438
6							56	40	91 523	2 360,086	27 685,134	11,731	11,261
7							57	41	90 792	2 193,188	25 325,048	11,547	11,078
8							58	42	89 989	2 036,347	23 131,859	11,359	10,890
9							59	43	89 118	1 889,126	21 095,513	11,167	10,698
10							60	44	88 177	1 750,990	19 206,387	10,969	10,500
11							61	45	87 163	1 621,403	17 455,396	10,766	10,296
12							62	46	86 080	1 500,014	15 833,993	10,556	10,087
13							63	47	84 929	1 386,363	14 333,979	10,339	9,870
14							64	48	83 718	1 280,184	12 947,616	10,114	9,645
15							65	49	82 392	1 180,241	11 667,432	9,886	9,417
16	0	99 417	34 960,262	533 696,846	15,266	14,797	66	50	80 984	1 086,722	10 487,191	9,650	9,181
17	1	99 078	32 637,932	498 736,585	15,281	14,812	67	51	79 469	998,962	9 400,469	9,410	8,941
18	2	99 018	30 555,749	466 098,653	15,254	14,785	68	52	77 857	916,815	8 401,507	9,164	8,695
19	3	98 956	28 605,610	435 542,903	15,226	14,757	69	53	76 157	840,085	7 484,693	8,909	8,440
20	4	98 896	26 780,737	406 937,293	15,195	14,726	70	54	74 337	768,167	6 644,608	8,650	8,181
21	5	98 831	25 070,859	380 156,556	15,163	14,694	71	55	72 413	700,966	5 876,441	8,383	7,914
22	6	98 768	23 470,518	355 085,697	15,129	14,660	72	56	70 358	638,006	5 175,475	8,112	7,643
23	7	98 707	21 972,837	331 615,180	15,092	14,623	73	57	68 192	579,268	4 537,469	7,833	7,364
24	8	98 647	20 570,927	309 642,343	15,052	14,583	74	58	65 892	524,338	3 958,201	7,549	7,080
25	9	98 584	19 257,988	289 071,416	15,010	14,541	75	59	63 380	472,454	3 433,863	7,268	6,799
26	10	98 523	18 029,115	269 813,428	14,965	14,496	76	60	60 719	423,999	2 961,408	6,984	6,515
27	11	98 459	16 878,090	251 784,313	14,918	14,449	77	61	57 878	378,608	2 537,409	6,702	6,233
28	12	98 389	15 799,586	234 906,224	14,868	14,399	78	62	54 856	336,145	2 158,801	6,422	5,953
29	13	98 322	14 790,464	219 106,638	14,814	14,345	79	63	51 631	296,376	1 822,656	6,150	5,681
30	14	98 248	13 844,884	204 316,174	14,758	14,288	80	64	48 264	259,535	1 526,279	5,881	5,412
31	15	98 175	12 959,743	190 471,290	14,697	14,228	81	65	44 793	225,638	1 266,744	5,614	5,145
32	16	98 093	12 130,083	177 511,548	14,634	14,165	82	66	41 205	194,441	1 041,106	5,354	4,885
33	17	98 005	11 352,975	165 381,465	14,567	14,098	83	67	37 571	166,082	846,665	5,098	4,629
34	18	97 915	10 625,282	154 028,490	14,496	14,027	84	68	33 956	140,608	680,583	4,840	4,371
35	19	97 815	9 943,259	143 403,208	14,422	13,953	85	69	30 324	117,630	539,975	4,590	4,121
36	20	97 712	9 304,782	133 459,948	14,343	13,874	86	70	26 743	97,178	422,345	4,346	3,877
37	21	97 605	8 706,813	124 155,166	14,260	13,790	87	71	23 236	79,098	325,167	4,111	3,642
38	22	97 492	8 146,820	115 448,353	14,171	13,702	88	72	19 835	63,250	246,069	3,890	3,421
39	23	97 363	7 621,583	107 301,533	14,079	13,610	89	73	16 649	49,732	182,819	3,676	3,207
40	24	97 229	7 129,830	99 679,950	13,981	13,512	90	74	13 639	38,164	133,087	3,487	3,018
41	25	97 084	6 669,081	92 550,121	13,877	13,408	91	75	11 029	28,911	94,922	3,283	2,814
42	26	96 930	6 237,454	85 881,040	13,769	13,299	92	76	8 636	21,206	66,012	3,113	2,644
43	27	96 759	5 832,731	79 643,586	13,655	13,185	93	77	6 602	15,186	44,805	2,950	2,481
44	28	96 560	5 452,708	73 810,855	13,537	13,067	94	78	4 912	10,586	29,619	2,798	2,329
45	29	96 344	5 096,473	68 358,146	13,413	12,944	95	79	3 549	7,165	19,034	2,657	2,187
46	30	96 103	4 762,272	63 261,674	13,284	12,815	96	80	2 487	4,703	11,869	2,524	2,055
47	31	95 838	4 448,850	58 499,402	13,149	12,680	97	81	1 685	2,985	7,166	2,400	1,931
48	32	95 533	4 154,256	54 050,552	13,011	12,542	98	82	1 103	1,830	4,181	2,285	1,816
49	33	95 192	3 877,718	49 896,296	12,867	12,398	99	83	694	1,080	2,351	2,178	1,709
							100	84	420	0,612	1,271	2,077	1,608

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß   6,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17	0	99 391	32 741,155	498 973,375	15,240	14,771
18	1	99 044	30 563,817	466 232,221	15,254	14,785
19	2	98 970	28 609,871	435 668,403	15,228	14,759
20	3	98 907	26 783,729	407 058,532	15,198	14,729
21	4	98 843	25 073,847	380 274,803	15,166	14,697
22	5	98 778	23 472,890	355 200,956	15,132	14,663
23	6	98 715	21 974,750	331 728,065	15,096	14,627
24	7	98 655	20 572,693	309 753,315	15,057	14,587
25	8	98 592	19 259,406	289 180,622	15,015	14,546
26	9	98 530	18 030,359	269 921,216	14,970	14,501
27	10	98 466	16 879,287	251 890,857	14,923	14,454
28	11	98 397	15 800,849	235 011,570	14,873	14,404
29	12	98 330	14 791,655	219 210,721	14,820	14,351
30	13	98 257	13 846,124	204 419,066	14,764	14,295
31	14	98 186	12 961,147	190 572,942	14,703	14,234
32	15	98 105	12 131,609	177 611,794	14,640	14,171
33	16	98 020	11 354,722	165 480,185	14,574	14,105
34	17	97 931	10 626,987	154 125,463	14,503	14,034
35	18	97 837	9 945,531	143 498,476	14,428	13,959
36	19	97 733	9 306,705	133 552,945	14,350	13,881
37	20	97 626	8 708,746	124 246,240	14,267	13,798
38	21	97 512	8 148,525	115 537,494	14,179	13,710
39	22	97 385	7 623,293	107 388,969	14,087	13,618
40	23	97 251	7 131,460	99 765,676	13,990	13,520
41	24	97 104	6 670,429	92 634,216	13,887	13,418
42	25	96 951	6 238,827	85 963,787	13,779	13,310
43	26	96 782	5 834,112	79 724,960	13,665	13,196
44	27	96 586	5 454,174	73 890,848	13,548	13,078
45	28	96 368	5 097,762	68 436,675	13,425	12,956
46	29	96 131	4 763,638	63 338,913	13,296	12,827
47	30	95 865	4 450,110	58 575,275	13,163	12,694
48	31	95 561	4 155,511	54 125,165	13,025	12,556
49	32	95 226	3 879,093	49 969,654	12,882	12,413
50	33	94 851	3 619,504	46 090,561	12,734	12,265
51	34	94 437	3 375,836	42 471,057	12,581	12,112
52	35	93 951	3 146,078	39 095,221	12,427	11,958
53	36	93 443	2 931,226	35 949,143	12,264	11,795
54	37	92 883	2 729,425	33 017,917	12,097	11,628
55	38	92 259	2 539,648	30 288,492	11,926	11,457
56	39	91 583	2 361,649	27 748,845	11,750	11,281
57	40	90 856	2 194,738	25 387,196	11,567	11,098
58	41	90 061	2 037,980	23 192,458	11,380	10,911
59	42	89 198	1 890,809	21 154,478	11,188	10,719
60	43	88 268	1 752,785	19 263,669	10,990	10,521
61	44	87 261	1 623,226	17 510,884	10,788	10,319
62	45	86 190	1 501,920	15 887,657	10,578	10,109
63	46	85 048	1 388,320	14 385,737	10,362	9,893
64	47	83 855	1 282,281	12 997,417	10,136	9,667
65	48	82 538	1 182,331	11 715,136	9,909	9,439
66	49	81 151	1 088,962	10 532,805	9,672	9,203
67	50	79 644	1 001,167	9 443,843	9,433	8,964
68	51	78 048	919,064	8 442,675	9,186	8,717
69	52	76 366	842,397	7 523,612	8,931	8,462
70	53	74 562	770,483	6 681,214	8,671	8,202
71	54	72 645	703,210	5 910,731	8,405	7,936
72	55	70 608	640,274	5 207,520	8,133	7,664
73	56	68 450	581,461	4 567,246	7,855	7,386
74	57	66 157	526,442	3 985,785	7,571	7,102
75	58	63 661	474,548	3 459,343	7,290	6,821
76	59	61 007	426,011	2 984,794	7,006	6,537
77	60	58 192	380,659	2 558,783	6,722	6,253
78	61	55 173	338,088	2 178,124	6,442	5,973
79	62	51 958	298,258	1 840,036	6,169	5,700
80	63	48 592	261,296	1 541,778	5,901	5,431
81	64	45 125	227,309	1 280,482	5,633	5,164
82	65	41 530	195,972	1 053,173	5,374	4,905
83	66	37 895	167,515	857,202	5,117	4,648
84	67	34 269	141,904	689,687	4,860	4,391
85	68	30 622	118,784	547,783	4,612	4,142
86	69	27 030	98,221	429,000	4,368	3,899
87	70	23 509	80,026	330,778	4,133	3,664
88	71	20 094	64,075	250,752	3,913	3,444
89	72	16 893	50,463	186,677	3,699	3,230
90	73	13 864	38,795	136,214	3,511	3,042
91	74	11 238	29,459	97,419	3,307	2,838
92	75	8 825	21,671	67,960	3,136	2,667
93	76	6 767	15,567	46,288	2,973	2,504
94	77	5 053	10,888	30,721	2,822	2,353
95	78	3 667	7,402	19,834	2,679	2,210
96	79	2 581	4,880	12,431	2,547	2,078
97	80	1 759	3,116	7,552	2,424	1,955
98	81	1 158	1,921	4,436	2,309	1,840
99	82	735	1,143	2,515	2,201	1,732
100	83	448	0,653	1,372	2,101	1,632

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß   6,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	32	94 885	3 620,788	46 156,312	12,748	12,278
1							51	33	94 472	3 377,071	42 535,524	12,595	12,126
2							52	34	93 990	3 147,415	39 158,453	12,441	11,972
3							53	35	93 480	2 932,392	36 011,038	12,280	11,811
4							54	36	92 927	2 730,722	33 078,646	12,114	11,644
5							55	37	92 308	2 541,004	30 347,923	11,943	11,474
6							56	38	91 634	2 362,964	27 806,920	11,768	11,299
7							57	39	90 916	2 196,191	25 443,956	11,585	11,116
8							58	40	90 125	2 039,420	23 247,764	11,399	10,930
9							59	41	89 269	1 892,326	21 208,344	11,208	10,738
10							60	42	88 346	1 754,346	19 316,018	11,010	10,541
11							61	43	87 350	1 624,890	17 561,672	10,808	10,339
12							62	44	86 287	1 503,609	15 936,782	10,599	10,130
13							63	45	85 156	1 390,084	14 433,172	10,383	9,914
14							64	46	83 973	1 284,090	13 043,089	10,157	9,688
15							65	47	82 673	1 184,268	11 758,998	9,929	9,460
16							66	48	81 295	1 090,892	10 574,730	9,694	9,225
17							67	49	79 809	1 003,232	9 483,839	9,453	8,984
18	0	99 358	30 660,480	466 450,984	15,213	14,744	68	50	78 220	921,093	8 480,607	9,207	8,738
19	1	98 997	28 617,425	435 790,503	15,228	14,759	69	51	76 553	844,464	7 559,514	8,952	8,483
20	2	98 922	26 787,719	407 173,078	15,200	14,731	70	52	74 767	772,605	6 715,051	8,691	8,222
21	3	98 854	25 076,649	380 385,359	15,169	14,700	71	53	72 864	705,331	5 942,446	8,425	7,956
22	4	98 790	23 475,688	355 308,710	15,135	14,666	72	54	70 834	642,324	5 237,115	8,153	7,684
23	5	98 725	21 976,972	331 833,022	15,099	14,630	73	55	68 694	583,529	4 594,791	7,874	7,405
24	6	98 664	20 574,485	309 856,050	15,060	14,591	74	56	66 407	528,436	4 011,262	7,591	7,122
25	7	98 600	19 261,059	289 281,566	15,019	14,550	75	57	63 916	476,452	3 482,827	7,310	6,841
26	8	98 537	18 031,687	270 020,506	14,975	14,506	76	58	61 277	427,899	3 006,374	7,026	6,557
27	9	98 473	16 880,452	251 988,820	14,928	14,459	77	59	58 468	382,465	2 578,475	6,742	6,273
28	10	98 404	15 801,971	235 108,368	14,878	14,409	78	60	55 472	339,920	2 196,010	6,460	5,991
29	11	98 338	14 792,838	219 306,397	14,825	14,356	79	61	52 259	299,982	1 856,090	6,187	5,718
30	12	98 265	13 847,239	204 513,560	14,769	14,300	80	62	48 900	262,955	1 556,108	5,918	5,449
31	13	98 194	12 962,309	190 666,321	14,709	14,240	81	63	45 431	228,851	1 293,153	5,651	5,182
32	14	98 116	12 132,924	177 704,012	14,646	14,177	82	64	41 837	197,422	1 064,303	5,391	4,922
33	15	98 033	11 356,151	165 571,088	14,580	14,111	83	65	38 194	168,833	866,880	5,135	4,665
34	16	97 946	10 628,623	154 214,937	14,509	14,040	84	66	34 564	143,128	698,047	4,877	4,408
35	17	97 853	9 947,127	143 586,314	14,435	13,966	85	67	30 904	119,878	554,919	4,629	4,160
36	18	97 755	9 308,831	133 639,187	14,356	13,887	86	68	27 295	99,185	435,040	4,386	3,917
37	19	97 647	8 710,545	124 330,356	14,274	13,804	87	69	23 762	80,886	335,856	4,152	3,683
38	20	97 534	8 150,335	115 619,811	14,186	13,717	88	70	20 330	64,827	254,970	3,933	3,464
39	21	97 405	7 624,889	107 469,477	14,095	13,625	89	71	17 114	51,121	190,143	3,719	3,250
40	22	97 273	7 133,060	99 844,588	13,997	13,528	90	72	14 068	39,365	139,022	3,532	3,062
41	23	97 126	6 671,954	92 711,528	13,896	13,427	91	73	11 424	29,946	99,657	3,328	2,859
42	24	96 971	6 240,088	86 039,574	13,788	13,319	92	74	8 993	22,082	69,711	3,157	2,688
43	25	96 803	5 835,396	79 799,486	13,675	13,206	93	75	6 916	15,909	47,629	2,994	2,525
44	26	96 609	5 455,465	73 964,090	13,558	13,089	94	76	5 179	11,161	31,720	2,842	2,373
45	27	96 394	5 099,132	68 508,626	13,435	12,966	95	77	3 772	7,613	20,559	2,700	2,231
46	28	96 155	4 764,843	63 409,494	13,308	12,839	96	78	2 666	5,042	12,946	2,568	2,099
47	29	95 893	4 451,387	58 644,651	13,174	12,705	97	79	1 825	3,233	7,904	2,445	1,976
48	30	95 589	4 156,687	54 193,264	13,038	12,568	98	80	1 208	2,005	4,671	2,330	1,861
49	31	95 255	3 880,265	50 036,577	12,895	12,426	99	81	772	1,200	2,666	2,223	1,753
							100	82	475	0,691	1,467	2,122	1,653

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß   6,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	31	94 914	3 621,882	46 216,281	12,760	12,291
1							51	32	94 505	3 378,269	42 594,399	12,608	12,139
2							52	33	94 025	3 148,566	39 216,130	12,455	11,986
3							53	34	93 520	2 933,638	36 067,564	12,294	11,825
4							54	35	92 964	2 731,809	33 133,926	12,129	11,660
5							55	36	92 352	2 542,212	30 402,117	11,959	11,490
6							56	37	91 683	2 364,226	27 859,905	11,784	11,315
7							57	38	90 966	2 197,414	25 495,679	11,603	11,133
8							58	39	90 184	2 040,770	23 298,265	11,416	10,947
9							59	40	89 332	1 893,663	21 257,494	11,226	10,756
10							60	41	88 417	1 755,754	19 363,831	11,029	10,560
11							61	42	87 428	1 626,338	17 608,078	10,827	10,358
12							62	43	86 375	1 505,150	15 981,740	10,618	10,149
13							63	44	85 252	1 391,647	14 476,589	10,402	9,933
14							64	45	84 080	1 285,722	13 084,943	10,177	9,708
15							65	46	82 789	1 185,939	11 799,220	9,949	9,480
16							66	47	81 428	1 092,678	10 613,281	9,713	9,244
17							67	48	79 950	1 005,009	9 520,603	9,473	9,004
18							68	49	78 382	922,992	8 515,594	9,226	8,757
19	0	99 310	28 707,932	435 992,619	15,187	14,718	69	50	76 722	846,328	7 592,602	8,971	8,502
20	1	98 948	26 794,792	407 284,686	15,200	14,731	70	51	74 950	774,500	6 746,274	8,710	8,241
21	2	98 869	25 080,384	380 489,894	15,171	14,702	71	52	73 065	707,273	5 971,775	8,443	7,974
22	3	98 801	23 478,311	355 409,510	15,138	14,669	72	53	71 048	644,261	5 264,502	8,171	7,702
23	4	98 737	21 979,591	331 931,199	15,102	14,633	73	54	68 914	585,397	4 620,241	7,892	7,423
24	5	98 674	20 576,564	309 951,607	15,063	14,594	74	55	66 643	530,315	4 034,844	7,608	7,139
25	6	98 609	19 262,737	289 375,043	15,023	14,553	75	56	64 158	478,257	3 504,529	7,328	6,859
26	7	98 546	18 033,234	270 112,306	14,979	14,509	76	57	61 523	429,616	3 026,273	7,044	6,575
27	8	98 480	16 881,695	252 079,072	14,932	14,463	77	58	58 727	384,160	2 596,656	6,759	6,290
28	9	98 411	15 803,061	235 197,377	14,883	14,414	78	59	55 735	341,533	2 212,496	6,478	6,009
29	10	98 345	14 793,887	219 394,316	14,830	14,361	79	60	52 542	301,607	1 870,963	6,203	5,734
30	11	98 273	13 848,347	204 600,428	14,774	14,305	80	61	49 183	264,475	1 569,356	5,934	5,465
31	12	98 202	12 963,352	190 752,082	14,715	14,246	81	62	45 719	230,303	1 304,882	5,666	5,197
32	13	98 124	12 134,011	177 788,730	14,652	14,183	82	63	42 121	198,762	1 074,578	5,406	4,937
33	14	98 043	11 357,382	165 654,719	14,586	14,117	83	64	38 477	170,083	875,817	5,149	4,680
34	15	97 958	10 629,960	154 297,337	14,515	14,046	84	65	34 836	144,255	705,733	4,892	4,423
35	16	97 868	9 948,658	143 667,377	14,441	13,972	85	66	31 170	120,913	561,479	4,644	4,175
36	17	97 771	9 310,325	133 718,719	14,362	13,893	86	67	27 547	100,099	440,566	4,401	3,932
37	18	97 669	8 712,535	124 408,394	14,279	13,810	87	68	23 995	81,679	340,467	4,168	3,699
38	19	97 554	8 152,018	115 695,859	14,192	13,723	88	69	20 548	65,523	258,788	3,950	3,480
39	20	97 427	7 626,582	107 543,841	14,101	13,632	89	70	17 315	51,722	193,265	3,737	3,268
40	21	97 293	7 134,553	99 917,259	14,005	13,536	90	71	14 251	39,879	141,544	3,549	3,080
41	22	97 148	6 673,451	92 782,706	13,903	13,434	91	72	11 592	30,386	101,665	3,346	2,877
42	23	96 993	6 241,515	86 109,255	13,796	13,327	92	73	9 141	22,447	71,279	3,175	2,706
43	24	96 823	5 836,575	79 867,740	13,684	13,215	93	74	7 047	16,210	48,832	3,012	2,543
44	25	96 630	5 456,665	74 031,165	13,567	13,098	94	75	5 293	11,406	32,622	2,860	2,391
45	26	96 417	5 100,339	68 574,499	13,445	12,976	95	76	3 866	7,804	21,216	2,719	2,249
46	27	96 181	4 766,124	63 474,161	13,318	12,849	96	77	2 742	5,185	13,412	2,587	2,117
47	28	95 917	4 452,513	58 708,037	13,185	12,716	97	78	1 886	3,340	8,227	2,463	1,994
48	29	95 616	4 157,880	54 255,524	13,049	12,580	98	79	1 254	2,081	4,886	2,349	1,879
49	30	95 282	3 881,364	50 097,644	12,907	12,438	99	80	805	1,252	2,806	2,241	1,772
							100	81	498	0,726	1,554	2,142	1,672

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß   6,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	30	94 940	3 622,907	46 270,990	12,772	12,303
1							51	31	94 534	3 379,289	42 648,083	12,620	12,151
2							52	32	94 058	3 149,682	39 268,794	12,468	11,998
3							53	33	93 554	2 934,711	36 119,111	12,308	11,838
4							54	34	93 004	2 732,970	33 184,400	12,142	11,673
5							55	35	92 389	2 543,224	30 451,430	11,974	11,504
6							56	36	91 727	2 365,350	27 908,207	11,799	11,330
7							57	37	91 015	2 198,588	25 542,857	11,618	11,149
8							58	38	90 235	2 041,907	23 344,269	11,433	10,963
9							59	39	89 391	1 894,917	21 302,362	11,242	10,773
10							60	40	88 480	1 756,995	19 407,445	11,046	10,577
11							61	41	87 498	1 627,642	17 650,451	10,844	10,375
12							62	42	86 452	1 506,491	16 022,808	10,636	10,167
13							63	43	85 340	1 393,073	14 516,317	10,420	9,951
14							64	44	84 174	1 287,168	13 123,244	10,195	9,726
15							65	45	82 895	1 187,446	11 836,076	9,968	9,499
16							66	46	81 543	1 094,220	10 648,630	9,732	9,263
17							67	47	80 081	1 006,655	9 554,409	9,491	9,022
18							68	48	78 520	924,627	8 547,754	9,245	8,775
19							69	49	76 881	848,073	7 623,127	8,989	8,520
20	0	99 261	26 879,535	407 471,437	15,159	14,690	70	50	75 116	776,210	6 775,054	8,728	8,259
21	1	98 895	25 087,007	380 591,902	15,171	14,702	71	51	73 244	709,008	5 998,845	8,461	7,992
22	2	98 815	23 481,809	355 504,896	15,140	14,670	72	52	71 243	646,035	5 289,837	8,188	7,719
23	3	98 748	21 982,047	332 023,087	15,104	14,635	73	53	69 122	587,162	4 643,803	7,909	7,440
24	4	98 686	20 579,017	310 041,040	15,066	14,597	74	54	66 857	532,012	4 056,640	7,625	7,156
25	5	98 619	19 264,684	289 462,023	15,026	14,556	75	55	64 386	479,957	3 524,628	7,344	6,875
26	6	98 554	18 034,805	270 197,338	14,982	14,513	76	56	61 756	431,243	3 044,671	7,060	6,591
27	7	98 489	16 883,144	252 162,533	14,936	14,467	77	57	58 963	385,702	2 613,428	6,776	6,307
28	8	98 418	15 804,225	235 279,389	14,887	14,418	78	58	55 982	343,047	2 227,726	6,494	6,025
29	9	98 351	14 794,908	219 475,165	14,835	14,365	79	59	52 791	303,038	1 884,680	6,219	5,750
30	10	98 280	13 849,329	204 680,257	14,779	14,310	80	60	49 449	265,908	1 581,642	5,948	5,479
31	11	98 210	12 964,389	190 830,927	14,720	14,250	81	61	45 983	231,634	1 315,734	5,680	5,211
32	12	98 132	12 134,988	177 866,538	14,657	14,188	82	62	42 388	200,023	1 084,100	5,420	4,951
33	13	98 052	11 358,399	165 731,551	14,591	14,122	83	63	38 738	171,237	884,076	5,163	4,694
34	14	97 969	10 631,112	154 373,151	14,521	14,052	84	64	35 094	145,323	712,839	4,905	4,436
35	15	97 880	9 949,910	143 742,039	14,447	13,977	85	65	31 416	121,864	567,516	4,657	4,188
36	16	97 786	9 311,758	133 792,129	14,368	13,899	86	66	27 784	100,962	445,652	4,414	3,945
37	17	97 685	8 713,933	124 480,372	14,285	13,816	87	67	24 216	82,431	344,689	4,182	3,712
38	18	97 576	8 153,881	115 766,438	14,198	13,729	88	68	20 749	66,166	262,258	3,964	3,495
39	19	97 447	7 628,157	107 612,558	14,107	13,638	89	69	17 501	52,277	196,092	3,751	3,282
40	20	97 315	7 136,137	99 984,400	14,011	13,542	90	70	14 418	40,347	143,815	3,564	3,095
41	21	97 168	6 674,848	92 848,263	13,910	13,441	91	71	11 743	30,782	103,469	3,361	2,892
42	22	97 015	6 242,915	86 173,415	13,803	13,334	92	72	9 275	22,777	72,686	3,191	2,722
43	23	96 845	5 837,910	79 930,500	13,692	13,223	93	73	7 163	16,478	49,909	3,029	2,560
44	24	96 650	5 457,768	74 092,590	13,576	13,106	94	74	5 393	11,622	33,431	2,877	2,407
45	25	96 438	5 101,461	68 634,822	13,454	12,985	95	75	3 951	7,975	21,809	2,735	2,265
46	26	96 203	4 767,252	63 533,361	13,327	12,858	96	76	2 811	5,315	13,834	2,603	2,133
47	27	95 943	4 453,709	58 766,109	13,195	12,726	97	77	1 939	3,435	8,518	2,480	2,010
48	28	95 640	4 158,932	54 312,400	13,059	12,590	98	78	1 295	2,150	5,083	2,365	1,896
49	29	95 309	3 882,478	50 153,468	12,918	12,449	99	79	836	1,299	2,933	2,258	1,789
							100	80	520	0,757	1,634	2,158	1,689

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß   6,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	29	94 968	3 623,947	46 320,992	12,782	12,313
1							51	30	94 561	3 380,246	42 697,045	12,631	12,162
2							52	31	94 087	3 150,634	39 316,799	12,479	12,010
3							53	32	93 587	2 935,752	36 166,165	12,319	11,850
4							54	33	93 038	2 733,969	33 230,413	12,155	11,686
5							55	34	92 428	2 544,304	30 496,443	11,986	11,517
6							56	35	91 763	2 366,291	27 952,139	11,813	11,344
7							57	36	91 058	2 199,633	25 585,848	11,632	11,163
8							58	37	90 283	2 042,998	23 386,215	11,447	10,978
9							59	38	89 441	1 895,972	21 343,217	11,257	10,788
10							60	39	88 538	1 758,158	19 447,245	11,061	10,592
11							61	40	87 560	1 628,793	17 689,088	10,860	10,391
12							62	41	86 521	1 507,700	16 060,295	10,652	10,183
13							63	42	85 416	1 394,314	14 552,595	10,437	9,968
14							64	43	84 261	1 288,487	13 158,281	10,212	9,743
15							65	44	82 988	1 188,781	11 869,794	9,985	9,516
16							66	45	81 646	1 095,611	10 681,012	9,749	9,280
17							67	46	80 194	1 008,075	9 585,402	9,509	9,039
18							68	47	78 649	926,141	8 577,326	9,261	8,792
19							69	48	77 017	849,575	7 651,185	9,006	8,537
20							70	49	75 271	777,810	6 801,609	8,745	8,275
21	0	99 208	25 166,348	380 764,466	15,130	14,661	71	50	73 405	710,573	6 023,799	8,477	8,008
22	1	98 842	23 488,009	355 598,118	15,140	14,670	72	51	71 418	647,619	5 313,226	8,204	7,735
23	2	98 763	21 985,322	332 110,109	15,106	14,637	73	52	69 312	588,779	4 665,607	7,924	7,455
24	3	98 697	20 581,316	310 124,787	15,068	14,599	74	53	67 058	533,617	4 076,828	7,640	7,171
25	4	98 630	19 266,328	289 543,471	15,028	14,559	75	54	64 592	481,494	3 543,212	7,359	6,890
26	5	98 564	18 036,628	270 276,490	14,985	14,516	76	55	61 976	432,776	3 061,718	7,075	6,605
27	6	98 497	16 884,615	252 239,862	14,939	14,470	77	56	59 186	387,162	2 628,942	6,790	6,321
28	7	98 426	15 805,581	235 355,248	14,891	14,422	78	57	56 207	344,423	2 241,780	6,509	6,040
29	8	98 359	14 795,998	219 549,667	14,838	14,369	79	58	53 025	304,381	1 897,357	6,233	5,764
30	9	98 287	13 850,285	204 753,669	14,783	14,314	80	59	49 684	267,169	1 592,975	5,962	5,493
31	10	98 217	12 965,309	190 903,384	14,724	14,255	81	60	46 233	232,890	1 325,806	5,693	5,224
32	11	98 140	12 135,958	177 938,075	14,662	14,193	82	61	42 633	201,180	1 092,917	5,433	4,963
33	12	98 060	11 359,314	165 802,117	14,596	14,127	83	62	38 983	172,324	891,737	5,175	4,706
34	13	97 977	10 632,065	154 442,803	14,526	14,057	84	63	35 332	146,309	719,413	4,917	4,448
35	14	97 891	9 950,988	143 810,738	14,452	13,983	85	64	31 648	122,767	573,104	4,668	4,199
36	15	97 798	9 312,929	133 859,750	14,374	13,904	86	65	28 003	101,757	450,338	4,426	3,956
37	16	97 700	8 715,274	124 546,821	14,291	13,822	87	66	24 425	83,143	348,581	4,193	3,723
38	17	97 592	8 155,190	115 831,547	14,203	13,734	88	67	20 941	66,776	265,438	3,975	3,506
39	18	97 469	7 629,900	107 676,357	14,112	13,643	89	68	17 672	52,789	198,662	3,763	3,294
40	19	97 335	7 137,611	100 046,457	14,017	13,548	90	69	14 573	40,780	145,873	3,577	3,108
41	20	97 190	6 676,330	92 908,846	13,916	13,447	91	70	11 881	31,144	105,093	3,374	2,905
42	21	97 035	6 244,222	86 232,515	13,810	13,341	92	71	9 396	23,074	73,949	3,205	2,736
43	22	96 867	5 839,220	79 988,293	13,698	13,229	93	72	7 269	16,720	50,875	3,043	2,574
44	23	96 672	5 459,016	74 149,074	13,583	13,114	94	73	5 483	11,814	34,155	2,891	2,422
45	24	96 458	5 102,492	68 690,057	13,462	12,993	95	74	4 026	8,127	22,341	2,749	2,280
46	25	96 225	4 768,301	63 587,565	13,335	12,866	96	75	2 873	5,432	14,214	2,617	2,148
47	26	95 966	4 454,764	58 819,264	13,204	12,735	97	76	1 988	3,522	8,782	2,494	2,025
48	27	95 666	4 160,049	54 364,501	13,068	12,599	98	77	1 332	2,211	5,261	2,379	1,910
49	28	95 333	3 883,460	50 204,451	12,928	12,459	99	78	863	1,342	3,050	2,272	1,803
							100	79	540	0,786	1,708	2,173	1,704

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß   6,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	28	94 992	3 624,864	46 366,646	12,791	12,322
1							51	29	94 588	3 381,216	42 741,783	12,641	12,172
2							52	30	94 113	3 151,526	39 360,567	12,489	12,020
3							53	31	93 616	2 936,639	36 209,041	12,330	11,861
4							54	32	93 071	2 734,939	33 272,402	12,166	11,697
5							55	33	92 462	2 545,235	30 537,463	11,998	11,529
6							56	34	91 802	2 367,297	27 992,228	11,825	11,355
7							57	35	91 095	2 200,508	25 624,931	11,645	11,176
8							58	36	90 326	2 043,969	23 424,423	11,460	10,991
9							59	37	89 489	1 896,984	21 380,454	11,271	10,802
10							60	38	88 588	1 759,137	19 483,470	11,076	10,606
11							61	39	87 618	1 629,871	17 724,333	10,875	10,406
12							62	40	86 583	1 508,765	16 094,462	10,667	10,198
13							63	41	85 484	1 395,433	14 585,697	10,452	9,983
14							64	42	84 336	1 289,635	13 190,264	10,228	9,759
15							65	43	83 073	1 190,000	11 900,629	10,001	9,531
16							66	44	81 738	1 096,843	10 710,629	9,765	9,296
17							67	45	80 296	1 009,357	9 613,786	9,525	9,056
18							68	46	78 760	927,448	8 604,429	9,278	8,808
19							69	47	77 143	850,967	7 676,981	9,021	8,552
20							70	48	75 404	779,188	6 826,014	8,760	8,291
21							71	49	73 557	712,038	6 046,826	8,492	8,023
22	0	99 154	23 562,293	355 757,584	15,099	14,629	72	50	71 576	649,049	5 334,788	8,219	7,750
23	1	98 789	21 991,127	332 195,291	15,106	14,637	73	51	69 482	590,223	4 685,739	7,939	7,470
24	2	98 711	20 584,382	310 204,164	15,070	14,601	74	52	67 243	535,086	4 095,516	7,654	7,185
25	3	98 641	19 269,133	289 619,782	15,030	14,561	75	53	64 787	482,946	3 560,431	7,372	6,903
26	4	98 576	18 038,778	270 350,648	14,987	14,518	76	54	62 174	434,162	3 077,485	7,088	6,619
27	5	98 507	16 886,321	252 311,870	14,942	14,473	77	55	59 397	388,539	2 643,323	6,803	6,334
28	6	98 435	15 806,958	235 425,549	14,894	14,425	78	56	56 419	345,727	2 254,784	6,522	6,053
29	7	98 367	14 797,268	219 618,591	14,842	14,373	79	57	53 238	305,603	1 909,057	6,247	5,778
30	8	98 294	13 851,305	204 821,323	14,787	14,318	80	58	49 904	268,353	1 603,455	5,975	5,506
31	9	98 224	12 966,203	190 970,019	14,728	14,259	81	59	46 452	233,994	1 335,101	5,706	5,237
32	10	98 147	12 136,820	178 003,815	14,666	14,197	82	60	42 864	202,270	1 101,107	5,444	4,975
33	11	98 068	11 360,222	165 866,995	14,601	14,132	83	61	39 209	173,320	898,837	5,186	4,717
34	12	97 985	10 632,921	154 506,773	14,531	14,062	84	62	35 557	147,237	725,517	4,928	4,458
35	13	97 900	9 951,880	143 873,853	14,457	13,988	85	63	31 863	123,600	578,280	4,679	4,210
36	14	97 809	9 313,939	133 921,973	14,379	13,910	86	64	28 210	102,511	454,680	4,435	3,966
37	15	97 712	8 716,371	124 608,034	14,296	13,827	87	65	24 617	83,797	352,170	4,203	3,734
38	16	97 607	8 156,445	115 891,664	14,209	13,739	88	66	21 121	67,352	268,373	3,985	3,516
39	17	97 485	7 631,125	107 735,219	14,118	13,649	89	67	17 835	53,276	201,021	3,773	3,304
40	18	97 357	7 139,242	100 104,094	14,022	13,553	90	68	14 716	41,180	147,745	3,588	3,119
41	19	97 210	6 677,710	92 964,852	13,922	13,453	91	69	12 008	31,478	106,565	3,385	2,916
42	20	97 057	6 245,608	86 287,143	13,816	13,347	92	70	9 507	23,345	75,087	3,216	2,747
43	21	96 887	5 840,442	80 041,534	13,705	13,236	93	71	7 364	16,938	51,742	3,055	2,586
44	22	96 694	5 460,241	74 201,092	13,589	13,120	94	72	5 563	11,988	34,804	2,903	2,434
45	23	96 480	5 103,659	68 740,851	13,469	13,000	95	73	4 092	8,261	22,816	2,762	2,293
46	24	96 244	4 769,265	63 637,192	13,343	12,874	96	74	2 927	5,535	14,555	2,630	2,161
47	25	95 987	4 455,744	58 867,927	13,212	12,743	97	75	2 032	3,599	9,020	2,506	2,037
48	26	95 688	4 161,034	54 412,184	13,077	12,607	98	76	1 366	2,266	5,421	2,392	1,923
49	27	95 359	3 884,503	50 251,150	12,936	12,467	99	77	888	1,380	3,155	2,286	1,817
							100	78	557	0,812	1,775	2,186	1,717

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß   6,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	27	95 017	3 625,838	46 408,456	12,799	12,330
1							51	28	94 612	3 382,071	42 782,619	12,650	12,181
2							52	29	94 140	3 152,431	39 400,547	12,498	12,029
3							53	30	93 642	2 937,470	36 248,117	12,340	11,871
4							54	31	93 099	2 735,765	33 310,647	12,176	11,707
5							55	32	92 494	2 546,137	30 574,882	12,008	11,539
6							56	33	91 836	2 368,163	28 028,744	11,836	11,367
7							57	34	91 133	2 201,444	25 660,582	11,656	11,187
8							58	35	90 362	2 044,782	23 459,138	11,473	11,004
9							59	36	89 531	1 897,886	21 414,356	11,283	10,814
10							60	37	88 635	1 760,076	19 516,469	11,088	10,619
11							61	38	87 667	1 630,779	17 756,393	10,888	10,419
12							62	39	86 640	1 509,764	16 125,614	10,681	10,212
13							63	40	85 545	1 396,419	14 615,850	10,467	9,998
14							64	41	84 403	1 290,670	13 219,431	10,242	9,773
15							65	42	83 147	1 191,060	11 928,762	10,015	9,546
16							66	43	81 822	1 097,967	10 737,702	9,780	9,310
17							67	44	80 386	1 010,492	9 639,735	9,540	9,071
18							68	45	78 860	928,627	8 629,243	9,292	8,823
19							69	46	77 252	852,168	7 700,616	9,037	8,567
20							70	47	75 527	780,464	6 848,449	8,775	8,306
21							71	48	73 687	713,300	6 067,985	8,507	8,038
22							72	49	71 723	650,387	5 354,685	8,233	7,764
23	0	99 101	22 060,677	332 342,664	15,065	14,596	73	50	69 635	591,526	4 704,298	7,953	7,484
24	1	98 737	20 589,817	310 281,987	15,070	14,601	74	51	67 408	536,398	4 112,772	7,667	7,198
25	2	98 656	19 272,004	289 692,169	15,032	14,563	75	52	64 966	484,275	3 576,373	7,385	6,916
26	3	98 587	18 040,794	270 420,165	14,989	14,520	76	53	62 362	435,471	3 092,098	7,101	6,631
27	4	98 519	16 888,334	252 379,372	14,944	14,475	77	54	59 587	389,783	2 656,627	6,816	6,347
28	5	98 445	15 808,556	235 491,037	14,896	14,427	78	55	56 620	346,957	2 266,845	6,534	6,064
29	6	98 376	14 798,557	219 682,482	14,845	14,376	79	56	53 439	306,760	1 919,888	6,259	5,789
30	7	98 302	13 852,494	204 883,925	14,790	14,321	80	57	50 104	269,430	1 613,128	5,987	5,518
31	8	98 231	12 967,158	191 031,431	14,732	14,263	81	58	46 658	235,031	1 343,698	5,717	5,248
32	9	98 154	12 137,657	178 064,273	14,670	14,201	82	59	43 068	203,229	1 108,667	5,455	4,986
33	10	98 075	11 361,028	165 926,616	14,605	14,136	83	60	39 421	174,259	905,438	5,196	4,727
34	11	97 993	10 633,771	154 565,588	14,535	14,066	84	61	35 762	148,089	731,179	4,937	4,468
35	12	97 908	9 952,681	143 931,817	14,462	13,992	85	62	32 065	124,384	583,090	4,688	4,219
36	13	97 817	9 314,773	133 979,136	14,384	13,914	86	63	28 402	103,206	458,706	4,445	3,975
37	14	97 722	8 717,316	124 664,363	14,301	13,832	87	64	24 799	84,418	355,500	4,211	3,742
38	15	97 619	8 157,471	115 947,047	14,214	13,744	88	65	21 288	67,882	271,082	3,993	3,524
39	16	97 500	7 632,299	107 789,576	14,123	13,654	89	66	17 989	53,736	203,201	3,781	3,312
40	17	97 373	7 140,388	100 157,277	14,027	13,558	90	67	14 852	41,559	149,465	3,596	3,127
41	18	97 232	6 679,235	93 016,890	13,926	13,457	91	68	12 126	31,787	107,906	3,395	2,926
42	19	97 077	6 246,899	86 337,654	13,821	13,352	92	69	9 609	23,595	76,119	3,226	2,757
43	20	96 908	5 841,739	80 090,756	13,710	13,241	93	70	7 450	17,137	52,524	3,065	2,596
44	21	96 714	5 461,384	74 249,017	13,595	13,126	94	71	5 636	12,144	35,386	2,914	2,445
45	22	96 501	5 104,804	68 787,633	13,475	13,006	95	72	4 153	8,382	23,242	2,773	2,304
46	23	96 266	4 770,355	63 682,829	13,350	12,881	96	73	2 975	5,627	14,860	2,641	2,172
47	24	96 006	4 456,645	58 912,473	13,219	12,750	97	74	2 070	3,667	9,233	2,518	2,049
48	25	95 710	4 161,950	54 455,829	13,084	12,615	98	75	1 396	2,316	5,566	2,403	1,934
49	26	95 382	3 885,423	50 293,879	12,944	12,475	99	76	910	1,415	3,250	2,297	1,828
							100	77	573	0,835	1,835	2,198	1,729

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß   6,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	26	95 040	3 626,696	46 446,705	12,807	12,338
1							51	27	94 637	3 382,980	42 820,009	12,657	12,188
2							52	28	94 164	3 153,228	39 437,029	12,507	12,038
3							53	29	93 669	2 938,313	36 283,801	12,349	11,879
4							54	30	93 125	2 736,540	33 345,488	12,185	11,716
5							55	31	92 522	2 546,907	30 608,948	12,018	11,549
6							56	32	91 869	2 369,002	28 062,041	11,846	11,376
7							57	33	91 167	2 202,249	25 693,039	11,667	11,198
8							58	34	90 400	2 045,651	23 490,790	11,483	11,014
9							59	35	89 567	1 898,642	21 445,139	11,295	10,826
10							60	36	88 677	1 760,913	19 546,497	11,100	10,631
11							61	37	87 714	1 631,650	17 785,584	10,900	10,431
12							62	38	86 688	1 510,605	16 153,935	10,694	10,225
13							63	39	85 601	1 397,343	14 643,330	10,479	10,010
14							64	40	84 463	1 291,582	13 245,986	10,256	9,787
15							65	41	83 214	1 192,015	11 954,405	10,029	9,560
16							66	42	81 895	1 098,945	10 762,389	9,793	9,324
17							67	43	80 468	1 011,527	9 663,444	9,553	9,084
18							68	44	78 949	929,671	8 651,917	9,306	8,837
19							69	45	77 350	853,251	7 722,246	9,050	8,581
20							70	46	75 634	781,565	6 868,995	8,789	8,320
21							71	47	73 808	714,468	6 087,430	8,520	8,051
22							72	48	71 850	651,539	5 372,962	8,247	7,777
23							73	49	69 779	592,746	4 721,423	7,965	7,496
24	0	99 050	20 654,936	310 418,192	15,029	14,560	74	50	67 557	537,582	4 128,677	7,680	7,211
25	1	98 682	19 277,092	289 763,256	15,031	14,562	75	51	65 125	485,463	3 591,094	7,397	6,928
26	2	98 602	18 043,481	270 486,164	14,991	14,522	76	52	62 533	436,670	3 105,631	7,112	6,643
27	3	98 530	16 890,221	252 442,682	14,946	14,477	77	53	59 766	390,958	2 668,961	6,827	6,358
28	4	98 457	15 810,440	235 552,461	14,899	14,429	78	54	56 801	348,067	2 278,003	6,545	6,076
29	5	98 386	14 800,052	219 742,021	14,847	14,378	79	55	53 629	307,850	1 929,936	6,269	5,800
30	6	98 311	13 853,700	204 941,969	14,793	14,324	80	56	50 294	270,450	1 622,086	5,998	5,529
31	7	98 240	12 968,271	191 088,268	14,735	14,266	81	57	46 845	235,975	1 351,635	5,728	5,259
32	8	98 161	12 138,551	178 119,997	14,674	14,205	82	58	43 259	204,130	1 115,661	5,465	4,996
33	9	98 082	11 361,812	165 981,446	14,609	14,140	83	59	39 608	175,086	911,531	5,206	4,737
34	10	98 000	10 634,526	154 619,634	14,539	14,070	84	60	35 956	148,891	736,445	4,946	4,477
35	11	97 915	9 953,477	143 985,108	14,466	13,997	85	61	32 251	125,103	587,554	4,697	4,227
36	12	97 825	9 315,523	134 031,631	14,388	13,919	86	62	28 582	103,861	462,451	4,453	3,983
37	13	97 731	8 718,097	124 716,108	14,305	13,836	87	63	24 967	84,990	358,590	4,219	3,750
38	14	97 630	8 158,355	115 998,012	14,218	13,749	88	64	21 445	68,384	273,600	4,001	3,532
39	15	97 512	7 633,259	107 839,657	14,128	13,658	89	65	18 130	54,159	205,215	3,789	3,320
40	16	97 388	7 141,487	100 206,398	14,032	13,562	90	66	14 980	41,918	151,057	3,604	3,135
41	17	97 248	6 680,307	93 064,911	13,931	13,462	91	67	12 238	32,080	109,139	3,402	2,933
42	18	97 099	6 248,326	86 384,604	13,825	13,356	92	68	9 703	23,827	77,059	3,234	2,765
43	19	96 928	5 842,946	80 136,278	13,715	13,246	93	69	7 530	17,321	53,232	3,073	2,604
44	20	96 736	5 462,597	74 293,332	13,600	13,131	94	70	5 702	12,287	35,911	2,923	2,454
45	21	96 522	5 105,873	68 830,735	13,481	13,012	95	71	4 207	8,492	23,624	2,782	2,313
46	22	96 288	4 771,426	63 724,863	13,356	12,886	96	72	3 019	5,709	15,133	2,651	2,181
47	23	96 028	4 457,664	58 953,437	13,225	12,756	97	73	2 104	3,728	9,424	2,528	2,059
48	24	95 729	4 162,791	54 495,774	13,091	12,622	98	74	1 422	2,360	5,696	2,414	1,944
49	25	95 403	3 886,278	50 332,982	12,951	12,482	99	75	930	1,446	3,336	2,307	1,838
							100	76	588	0,856	1,890	2,208	1,739

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß   6,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	25	95 061	3 627,494	46 481,699	12,814	12,345
1							51	26	94 660	3 383,781	42 854,206	12,665	12,195
2							52	27	94 189	3 154,075	39 470,424	12,514	12,045
3							53	28	93 693	2 939,056	36 316,349	12,356	11,887
4							54	29	93 152	2 737,325	33 377,293	12,193	11,724
5							55	30	92 549	2 547,628	30 639,968	12,027	11,558
6							56	31	91 896	2 369,718	28 092,340	11,855	11,386
7							57	32	91 199	2 203,030	25 722,622	11,676	11,207
8							58	33	90 433	2 046,399	23 519,592	11,493	11,024
9							59	34	89 605	1 899,448	21 473,193	11,305	10,836
10							60	35	88 712	1 761,614	19 573,744	11,111	10,642
11							61	36	87 755	1 632,425	17 812,131	10,911	10,442
12							62	37	86 734	1 511,412	16 179,705	10,705	10,236
13							63	38	85 649	1 398,122	14 668,294	10,491	10,022
14							64	39	84 519	1 292,437	13 270,172	10,268	9,798
15							65	40	83 272	1 192,858	11 977,735	10,041	9,572
16							66	41	81 960	1 099,827	10 784,877	9,806	9,337
17							67	42	80 540	1 012,428	9 685,051	9,566	9,097
18							68	43	79 030	930,624	8 672,622	9,319	8,850
19							69	44	77 437	854,210	7 741,998	9,063	8,594
20							70	45	75 730	782,559	6 887,788	8,802	8,332
21							71	46	73 912	715,476	6 105,230	8,533	8,064
22							72	47	71 968	652,607	5 389,754	8,259	7,790
23							73	48	69 903	593,796	4 737,147	7,978	7,509
24							74	49	67 696	538,691	4 143,351	7,692	7,222
25	0	98 994	19 338,059	289 889,145	14,991	14,521	75	50	65 269	486,535	3 604,660	7,409	6,940
26	1	98 628	18 048,245	270 551,086	14,990	14,521	76	51	62 687	437,741	3 118,126	7,123	6,654
27	2	98 545	16 892,737	252 502,841	14,947	14,478	77	52	59 931	392,034	2 680,385	6,837	6,368
28	3	98 468	15 812,207	235 610,103	14,901	14,431	78	53	56 973	349,117	2 288,350	6,555	6,086
29	4	98 397	14 801,817	219 797,897	14,849	14,380	79	54	53 801	308,836	1 939,233	6,279	5,810
30	5	98 321	13 855,101	204 996,080	14,796	14,327	80	55	50 473	271,412	1 630,397	6,007	5,538
31	6	98 248	12 969,401	191 140,979	14,738	14,269	81	56	47 022	236,868	1 358,985	5,737	5,268
32	7	98 169	12 139,593	178 171,578	14,677	14,208	82	57	43 432	204,949	1 122,117	5,475	5,006
33	8	98 089	11 362,649	166 031,986	14,612	14,143	83	58	39 784	175,862	917,168	5,215	4,746
34	9	98 007	10 635,259	154 669,337	14,543	14,074	84	59	36 127	149,597	741,306	4,955	4,486
35	10	97 922	9 954,183	144 034,077	14,470	14,001	85	60	32 425	125,781	591,709	4,704	4,235
36	11	97 833	9 316,268	134 079,894	14,392	13,923	86	61	28 747	104,461	465,928	4,460	3,991
37	12	97 739	8 718,798	124 763,626	14,310	13,841	87	62	25 126	85,530	361,467	4,226	3,757
38	13	97 638	8 159,046	116 044,828	14,223	13,754	88	63	21 591	68,848	275,937	4,008	3,539
39	14	97 522	7 634,087	107 885,742	14,132	13,663	89	64	18 265	54,560	207,089	3,796	3,327
40	15	97 400	7 142,385	100 251,655	14,036	13,567	90	65	15 098	42,248	152,529	3,610	3,141
41	16	97 263	6 681,335	93 109,270	13,936	13,467	91	66	12 344	32,356	110,281	3,408	2,939
42	17	97 115	6 249,329	86 427,935	13,830	13,361	92	67	9 793	24,046	77,925	3,241	2,771
43	18	96 951	5 844,281	80 178,606	13,719	13,250	93	68	7 604	17,491	53,879	3,080	2,611
44	19	96 756	5 463,725	74 334,325	13,605	13,136	94	69	5 763	12,418	36,387	2,930	2,461
45	20	96 543	5 107,006	68 870,600	13,486	13,016	95	70	4 256	8,591	23,969	2,790	2,321
46	21	96 308	4 772,425	63 763,594	13,361	12,892	96	71	3 059	5,784	15,378	2,659	2,190
47	22	96 050	4 458,664	58 991,169	13,231	12,762	97	72	2 135	3,782	9,594	2,536	2,067
48	23	95 751	4 163,743	54 532,506	13,097	12,628	98	73	1 446	2,399	5,812	2,422	1,953
49	24	95 422	3 887,063	50 368,763	12,958	12,489	99	74	948	1,473	3,413	2,316	1,847
							100	75	601	0,875	1,939	2,217	1,748

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß   7,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	0	100 000	100 000,000	1 497 438,955	14,974	14,505	50	50	93 336	3 168,532	37 730,801	11,908	11,438
1	1	99 299	92 802,962	1 397 438,955	15,058	14,589	51	51	92 757	2 942,900	34 562,269	11,744	11,275
2	2	99 240	86 680,474	1 304 635,993	15,051	14,582	52	52	92 093	2 730,664	31 619,369	11,579	11,110
3	3	99 207	80 982,435	1 217 955,520	15,040	14,570	53	53	91 380	2 532,276	28 888,705	11,408	10,939
4	4	99 182	75 665,538	1 136 973,085	15,026	14,557	54	54	90 602	2 346,474	26 356,429	11,232	10,763
5	5	99 157	70 697,639	1 061 307,546	15,012	14,542	55	55	89 754	2 172,430	24 009,955	11,052	10,583
6	6	99 136	66 058,744	990 609,907	14,996	14,526	56	56	88 831	2 009,426	21 837,525	10,868	10,398
7	7	99 117	61 725,245	924 551,163	14,978	14,509	57	57	87 851	1 857,247	19 828,098	10,676	10,207
8	8	99 101	57 677,441	862 825,918	14,960	14,490	58	58	86 796	1 714,900	17 970,851	10,479	10,010
9	9	99 085	53 895,691	805 148,477	14,939	14,470	59	59	85 653	1 581,606	16 255,952	10,278	9,809
10	10	99 070	50 362,375	751 252,786	14,917	14,447	60	60	84 435	1 457,117	14 674,346	10,071	9,601
11	11	99 055	47 060,093	700 890,412	14,894	14,424	61	61	83 107	1 340,377	13 217,228	9,861	9,391
12	12	99 038	43 974,104	653 830,318	14,869	14,399	62	62	81 707	1 231,584	11 876,851	9,644	9,174
13	13	99 019	41 089,412	609 856,214	14,842	14,373	63	63	80 218	1 130,041	10 645,267	9,420	8,951
14	14	98 999	38 393,622	568 766,802	14,814	14,345	64	64	78 670	1 035,734	9 515,226	9,187	8,717
15	15	98 974	35 872,616	530 373,179	14,785	14,315	65	65	76 991	947,318	8 479,492	8,951	8,482
16	16	98 944	33 515,624	494 500,564	14,754	14,285	66	66	75 240	865,201	7 532,174	8,706	8,236
17	17	98 903	31 310,060	460 984,940	14,723	14,254	67	67	73 362	788,421	6 666,973	8,456	7,987
18	18	98 853	29 247,131	429 674,880	14,691	14,222	68	68	71 392	717,059	5 878,551	8,198	7,729
19	19	98 783	27 314,366	400 427,749	14,660	14,190	69	69	69 345	650,933	5 161,493	7,929	7,460
20	20	98 714	25 509,700	373 113,382	14,626	14,157	70	70	67 172	589,282	4 510,559	7,654	7,185
21	21	98 639	23 822,728	347 603,682	14,591	14,122	71	71	64 881	531,946	3 921,277	7,372	6,902
22	22	98 566	22 247,543	323 780,954	14,554	14,084	72	72	62 449	478,511	3 389,331	7,083	6,614
23	23	98 491	20 776,386	301 533,410	14,513	14,044	73	73	59 876	428,784	2 910,820	6,789	6,319
24	24	98 417	19 402,596	280 757,024	14,470	14,001	74	74	57 144	382,449	2 482,036	6,490	6,020
25	25	98 342	18 119,457	261 354,428	14,424	13,954	75	75	54 182	338,898	2 099,587	6,195	5,726
26	26	98 266	16 921,046	243 234,970	14,375	13,905	76	76	51 034	298,328	1 760,688	5,902	5,432
27	27	98 186	15 801,133	226 313,924	14,323	13,853	77	77	47 712	260,663	1 462,360	5,610	5,141
28	28	98 098	14 754,102	210 512,792	14,268	13,799	78	78	44 221	225,785	1 201,697	5,322	4,853
29	29	98 014	13 777,109	195 758,690	14,209	13,739	79	79	40 542	193,458	975,912	5,045	4,575
30	30	97 921	12 863,644	181 981,581	14,147	13,677	80	80	36 771	163,983	782,454	4,772	4,302
31	31	97 831	12 011,004	169 117,936	14,080	13,611	81	81	32 943	137,301	618,470	4,504	4,035
32	32	97 732	11 213,838	157 106,932	14,010	13,541	82	82	29 089	113,309	481,169	4,247	3,777
33	33	97 625	10 468,806	145 893,095	13,936	13,466	83	83	25 277	92,019	367,860	3,998	3,528
34	34	97 515	9 772,888	135 424,289	13,857	13,388	84	84	21 610	73,520	275,841	3,752	3,282
35	35	97 396	9 122,419	125 651,401	13,774	13,304	85	85	18 078	57,483	202,320	3,520	3,050
36	36	97 276	8 515,075	116 528,982	13,685	13,216	86	86	14 781	43,923	144,837	3,297	2,828
37	37	97 144	7 947,226	108 013,907	13,591	13,122	87	87	11 769	32,686	100,914	3,087	2,618
38	38	97 000	7 416,306	100 066,681	13,493	13,023	88	88	9 075	23,556	68,228	2,896	2,427
39	39	96 839	6 919,654	92 650,374	13,389	12,920	89	89	6 784	16,457	44,672	2,714	2,245
40	40	96 664	6 455,269	85 730,720	13,281	12,811	90	90	4 850	10,995	28,215	2,566	2,097
41	41	96 472	6 020,968	79 275,451	13,167	12,697	91	91	3 378	7,157	17,220	2,406	1,937
42	42	96 263	5 614,862	73 254,483	13,047	12,577	92	92	2 223	4,401	10,063	2,287	1,817
43	43	96 030	5 234,846	67 639,621	12,921	12,452	93	93	1 412	2,613	5,662	2,167	1,697
44	44	95 760	4 878,654	62 404,775	12,791	12,322	94	94	857	1,482	3,049	2,058	1,588
45	45	95 463	4 545,308	57 526,121	12,656	12,187	95	95	495	0,800	1,567	1,958	1,489
46	46	95 130	4 233,163	52 980,813	12,516	12,046	96	96	272	0,411	0,767	1,868	1,398
47	47	94 761	3 940,880	48 747,650	12,370	11,900	97	97	141	0,200	0,356	1,786	1,316
48	48	94 333	3 666,429	44 806,769	12,221	11,751	98	98	69	0,092	0,157	1,711	1,242
49	49	93 864	3 409,539	41 140,340	12,066	11,597	99	99	32	0,040	0,065	1,644	1,174
							100	100	14	0,016	0,026	1,582	1,112

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 7,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$
0	1	99 685	99 684,731	1 496 582,167	15,013	14,544	50	51	93 130	3 161,552	37 457,628	11,848	11,378
1	2	99 273	92 778,465	1 396 897,436	15,056	14,587	51	52	92 530	2 935,699	34 296,076	11,682	11,213
2	3	99 226	86 667,563	1 304 118,971	15,047	14,578	52	53	91 840	2 723,167	31 360,376	11,516	11,047
3	4	99 196	80 973,386	1 217 451,408	15,035	14,566	53	54	91 105	2 524,662	28 637,209	11,343	10,873
4	5	99 170	75 656,521	1 136 478,022	15,022	14,552	54	55	90 313	2 338,986	26 112,547	11,164	10,695
5	6	99 147	70 690,493	1 060 821,501	15,007	14,537	55	56	89 436	2 164,733	23 773,561	10,982	10,513
6	7	99 128	66 052,991	990 131,008	14,990	14,520	56	57	88 496	2 001,847	21 608,828	10,794	10,325
7	8	99 109	61 719,947	924 078,017	14,972	14,503	57	58	87 500	1 849,825	19 606,981	10,599	10,130
8	9	99 093	57 673,193	862 358,070	14,952	14,483	58	59	86 413	1 707,333	17 757,157	10,401	9,931
9	10	99 078	53 891,973	804 684,876	14,931	14,462	59	60	85 248	1 574,137	16 049,824	10,196	9,726
10	11	99 063	50 358,800	750 792,903	14,909	14,439	60	61	83 980	1 449,264	14 475,686	9,988	9,519
11	12	99 047	47 056,330	700 434,103	14,885	14,415	61	62	82 629	1 332,675	13 026,422	9,775	9,305
12	13	99 030	43 970,565	653 377,773	14,859	14,390	62	63	81 191	1 223,816	11 693,747	9,555	9,086
13	14	99 010	41 085,732	609 407,208	14,833	14,363	63	64	79 678	1 122,427	10 469,931	9,328	8,858
14	15	98 989	38 389,461	568 321,476	14,804	14,335	64	65	78 092	1 028,122	9 347,504	9,092	8,622
15	16	98 961	35 868,103	529 932,015	14,774	14,305	65	66	76 390	939,919	8 319,382	8,851	8,382
16	17	98 928	33 510,467	494 063,912	14,744	14,274	66	67	74 596	857,800	7 379,463	8,603	8,133
17	18	98 887	31 305,036	460 553,445	14,712	14,242	67	68	72 692	781,221	6 521,663	8,348	7,879
18	19	98 831	29 240,451	429 248,410	14,680	14,210	68	69	70 699	710,096	5 740,442	8,084	7,615
19	20	98 763	27 308,725	400 007,959	14,648	14,178	69	70	68 609	644,019	5 030,346	7,811	7,341
20	21	98 693	25 504,038	372 699,234	14,613	14,144	70	71	66 392	582,444	4 386,327	7,531	7,061
21	22	98 619	23 817,743	347 195,197	14,577	14,108	71	72	64 045	525,096	3 803,883	7,244	6,775
22	23	98 543	22 242,552	323 377,454	14,539	14,069	72	73	61 545	471,583	3 278,787	6,953	6,483
23	24	98 469	20 771,637	301 134,902	14,497	14,028	73	74	58 903	421,812	2 807,204	6,655	6,186
24	25	98 397	19 398,674	280 363,265	14,453	13,983	74	75	56 081	375,333	2 385,392	6,355	5,886
25	26	98 321	18 115,472	260 964,590	14,406	13,936	75	76	53 019	331,626	2 010,059	6,061	5,592
26	27	98 243	16 917,041	242 849,119	14,355	13,886	76	77	49 784	291,021	1 678,433	5,767	5,298
27	28	98 160	15 796,888	225 932,077	14,302	13,833	77	78	46 390	253,437	1 387,411	5,474	5,005
28	29	98 073	14 750,371	210 135,190	14,246	13,777	78	79	42 803	218,544	1 133,975	5,189	4,719
29	30	97 986	13 773,157	195 384,819	14,186	13,716	79	80	39 070	186,435	915,431	4,910	4,441
30	31	97 894	12 860,003	181 611,662	14,122	13,653	80	81	35 235	157,135	728,996	4,639	4,170
31	32	97 801	12 007,377	168 751,659	14,054	13,584	81	82	31 375	130,767	571,861	4,373	3,904
32	33	97 697	11 209,863	156 744,282	13,983	13,513	82	83	27 485	107,060	441,094	4,120	3,651
33	34	97 589	10 464,978	145 534,420	13,907	13,437	83	84	23 692	86,249	334,034	3,873	3,403
34	35	97 474	9 768,736	135 069,442	13,827	13,357	84	85	20 047	68,204	247,785	3,633	3,163
35	36	97 358	9 118,790	125 300,705	13,741	13,271	85	86	16 582	52,726	179,581	3,406	2,936
36	37	97 230	8 511,029	116 181,915	13,651	13,181	86	87	13 388	39,785	126,855	3,189	2,719
37	38	97 092	7 942,985	107 670,886	13,555	13,086	87	88	10 495	29,147	87,070	2,987	2,518
38	39	96 946	7 412,178	99 727,901	13,455	12,985	88	89	7 966	20,675	57,924	2,802	2,332
39	40	96 775	6 915,077	92 315,724	13,350	12,880	89	90	5 824	14,128	37,249	2,637	2,167
40	41	96 596	6 450,711	85 400,647	13,239	12,769	90	91	4 099	9,293	23,121	2,488	2,018
41	42	96 395	6 016,142	78 949,936	13,123	12,654	91	92	2 778	5,885	13,827	2,350	1,880
42	43	96 177	5 609,864	72 933,795	13,001	12,531	92	93	1 802	3,568	7,942	2,226	1,756
43	44	95 932	5 229,485	67 323,930	12,874	12,404	93	94	1 119	2,072	4,374	2,111	1,642
44	45	95 653	4 873,175	62 094,445	12,742	12,273	94	95	663	1,147	2,303	2,007	1,538
45	46	95 341	4 539,539	57 221,270	12,605	12,136	95	96	374	0,604	1,155	1,913	1,443
46	47	94 996	4 227,198	52 681,731	12,463	11,993	96	97	200	0,302	0,551	1,826	1,357
47	48	94 606	3 934,437	48 454,533	12,315	11,846	97	98	101	0,143	0,249	1,748	1,279
48	49	94 166	3 659,945	44 520,096	12,164	11,695	98	99	48	0,064	0,107	1,677	1,207
49	50	93 671	3 402,523	40 860,151	12,009	11,539	99	100	22	0,027	0,043	1,612	1,143

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß   7,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	2	99 658	99 658,418	1 495 991,767	15,011	14,542	50	52	92 902	3 153,816	37 162,162	11,783	11,314
1	3	99 258	92 764,646	1 396 333,349	15,052	14,583	51	53	92 276	2 927,640	34 008,346	11,616	11,147
2	4	99 215	86 657,880	1 303 568,702	15,043	14,573	52	54	91 564	2 714,980	31 080,706	11,448	10,978
3	5	99 184	80 963,736	1 216 910,823	15,030	14,561	53	55	90 815	2 516,606	28 365,726	11,271	10,802
4	6	99 160	75 648,874	1 135 947,087	15,016	14,547	54	56	89 993	2 330,698	25 849,120	11,091	10,621
5	7	99 138	70 684,337	1 060 298,213	15,000	14,531	55	57	89 099	2 156,567	23 518,422	10,905	10,436
6	8	99 119	66 047,322	989 613,876	14,983	14,514	56	58	88 142	1 993,846	21 361,855	10,714	10,244
7	9	99 101	61 715,402	923 566,554	14,965	14,495	57	59	87 113	1 841,663	19 368,009	10,517	10,047
8	10	99 086	57 669,215	861 851,152	14,945	14,475	58	60	86 005	1 699,271	17 526,346	10,314	9,845
9	11	99 071	53 888,148	804 181,938	14,923	14,454	59	61	84 789	1 565,654	15 827,075	10,109	9,639
10	12	99 055	50 354,773	750 293,789	14,900	14,431	60	62	83 497	1 440,936	14 261,421	9,897	9,428
11	13	99 039	47 052,542	699 939,016	14,876	14,406	61	63	82 108	1 324,269	12 820,486	9,681	9,212
12	14	99 021	43 966,626	652 886,474	14,850	14,380	62	64	80 644	1 215,570	11 496,217	9,457	8,988
13	15	99 000	41 081,279	608 919,848	14,822	14,353	63	65	79 092	1 114,178	10 280,647	9,227	8,758
14	16	98 976	38 384,632	567 838,569	14,793	14,324	64	66	77 482	1 020,093	9 166,469	8,986	8,516
15	17	98 946	35 862,584	529 453,938	14,763	14,294	65	67	75 736	931,879	8 146,376	8,742	8,272
16	18	98 913	33 505,089	493 591,354	14,732	14,262	66	68	73 915	849,966	7 214,497	8,488	8,018
17	19	98 864	31 297,885	460 086,264	14,700	14,231	67	69	71 986	773,635	6 364,531	8,227	7,757
18	20	98 810	29 234,411	428 788,379	14,667	14,198	68	70	69 948	702,553	5 590,896	7,958	7,488
19	21	98 741	27 302,663	399 553,968	14,634	14,165	69	71	67 813	636,546	4 888,343	7,679	7,210
20	22	98 672	25 498,700	372 251,305	14,599	14,129	70	72	65 537	574,943	4 251,797	7,395	6,926
21	23	98 597	23 812,400	346 752,605	14,562	14,092	71	73	63 118	517,494	3 676,854	7,105	6,636
22	24	98 521	22 237,468	322 940,206	14,522	14,053	72	74	60 544	463,915	3 159,360	6,810	6,341
23	25	98 449	20 767,438	300 702,737	14,480	14,010	73	75	57 807	413,963	2 695,445	6,511	6,042
24	26	98 376	19 394,407	279 935,299	14,434	13,964	74	76	54 878	367,279	2 281,482	6,212	5,742
25	27	98 297	18 111,184	260 540,892	14,386	13,916	75	77	51 721	323,504	1 914,203	5,917	5,448
26	28	98 217	16 912,497	242 429,708	14,334	13,865	76	78	48 404	282,953	1 590,699	5,622	5,152
27	29	98 135	15 792,893	225 517,211	14,280	13,810	77	79	44 902	245,309	1 307,746	5,331	4,861
28	30	98 045	14 746,139	209 724,318	14,222	13,753	78	80	41 249	210,610	1 062,437	5,045	4,575
29	31	97 958	13 769,258	194 978,180	14,160	13,691	79	81	37 438	178,648	851,827	4,768	4,299
30	32	97 864	12 856,119	181 208,921	14,095	13,626	80	82	33 558	149,657	673,179	4,498	4,029
31	33	97 767	12 003,120	168 352,802	14,026	13,556	81	83	29 645	123,556	523,522	4,237	3,768
32	34	97 661	11 205,764	156 349,682	13,953	13,483	82	84	25 762	100,347	399,966	3,986	3,516
33	35	97 548	10 460,533	145 143,918	13,875	13,406	83	85	21 979	80,011	299,620	3,745	3,275
34	36	97 435	9 764,851	134 683,385	13,793	13,323	84	86	18 388	62,560	219,608	3,510	3,041
35	37	97 311	9 114,457	124 918,534	13,706	13,236	85	87	15 020	47,758	157,049	3,288	2,819
36	38	97 178	8 506,487	115 804,077	13,614	13,144	86	88	11 938	35,477	109,291	3,081	2,611
37	39	97 038	7 938,563	107 297,590	13,516	13,046	87	89	9 211	25,582	73,814	2,885	2,416
38	40	96 882	7 407,274	99 359,028	13,414	12,944	88	90	6 838	17,749	48,232	2,717	2,248
39	41	96 707	6 910,193	91 951,754	13,307	12,837	89	91	4 923	11,941	30,483	2,553	2,083
40	42	96 518	6 445,540	85 041,560	13,194	12,724	90	92	3 371	7,642	18,541	2,426	1,957
41	43	96 309	6 010,787	78 596,020	13,076	12,606	91	93	2 252	4,771	10,900	2,284	1,815
42	44	96 078	5 604,120	72 585,233	12,952	12,483	92	94	1 429	2,829	6,128	2,166	1,697
43	45	95 824	5 223,612	66 981,113	12,823	12,353	93	95	867	1,604	3,300	2,057	1,588
44	46	95 532	4 866,990	61 757,501	12,689	12,220	94	96	501	0,866	1,696	1,958	1,489
45	47	95 207	4 533,143	56 890,511	12,550	12,080	95	97	275	0,444	0,830	1,868	1,398
46	48	94 841	4 220,286	52 357,369	12,406	11,937	96	98	143	0,216	0,386	1,786	1,316
47	49	94 439	3 927,479	48 137,083	12,256	11,787	97	99	70	0,099	0,170	1,711	1,242
48	50	93 973	3 652,414	44 209,604	12,104	11,635	98	100	33	0,043	0,071	1,644	1,174
49	51	93 465	3 395,028	40 557,190	11,946	11,477							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß   7,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	3	99 644	99 643,575	1 495 376,729	15,007	14,538	50	53	92 647	3 145,158	36 843,141	11,714	11,245
1	4	99 247	92 754,282	1 395 733,154	15,048	14,578	51	54	91 999	2 918,838	33 697,983	11,545	11,075
2	5	99 203	86 647,552	1 302 978,872	15,038	14,568	52	55	91 271	2 706,316	30 779,145	11,373	10,904
3	6	99 174	80 955,552	1 216 331,321	15,025	14,555	53	56	90 493	2 507,689	28 072,829	11,195	10,725
4	7	99 152	75 642,286	1 135 375,768	15,010	14,540	54	57	89 654	2 321,906	25 565,140	11,010	10,541
5	8	99 130	70 678,270	1 059 733,483	14,994	14,524	55	58	88 742	2 147,948	23 243,234	10,821	10,352
6	9	99 112	66 042,458	989 055,212	14,976	14,507	56	59	87 753	1 985,049	21 095,285	10,627	10,158
7	10	99 095	61 711,145	923 012,755	14,957	14,487	57	60	86 702	1 832,966	19 110,237	10,426	9,956
8	11	99 079	57 665,122	861 301,610	14,936	14,467	58	61	85 541	1 690,113	17 277,271	10,223	9,753
9	12	99 063	53 883,839	803 636,488	14,914	14,445	59	62	84 302	1 556,657	15 587,158	10,013	9,544
10	13	99 047	50 350,720	749 752,649	14,891	14,421	60	63	82 970	1 431,847	14 030,501	9,799	9,329
11	14	99 030	47 048,327	699 401,929	14,866	14,396	61	64	81 555	1 315,346	12 598,654	9,578	9,109
12	15	99 011	43 961,860	652 353,602	14,839	14,370	62	65	80 052	1 206,636	11 283,308	9,351	8,882
13	16	98 987	41 076,111	608 391,742	14,811	14,342	63	66	78 474	1 105,476	10 076,672	9,115	8,646
14	17	98 961	38 378,725	567 315,631	14,782	14,313	64	67	76 819	1 011,367	8 971,196	8,870	8,401
15	18	98 930	35 856,829	528 936,905	14,751	14,282	65	68	75 045	923,369	7 959,829	8,620	8,151
16	19	98 890	33 497,436	493 080,076	14,720	14,250	66	69	73 197	841,712	7 036,461	8,360	7,890
17	20	98 844	31 291,421	459 582,640	14,687	14,218	67	70	71 222	765,418	6 194,748	8,093	7,624
18	21	98 788	29 227,921	428 291,219	14,653	14,184	68	71	69 136	694,401	5 429,330	7,819	7,349
19	22	98 720	27 296,948	399 063,297	14,619	14,150	69	72	66 939	628,349	4 734,930	7,536	7,066
20	23	98 650	25 492,980	371 766,349	14,583	14,114	70	73	64 589	566,620	4 106,581	7,248	6,778
21	24	98 574	23 806,956	346 273,369	14,545	14,076	71	74	62 092	509,079	3 539,961	6,954	6,484
22	25	98 501	22 232,973	322 466,412	14,504	14,034	72	75	59 417	455,282	3 030,882	6,657	6,188
23	26	98 427	20 762,870	300 233,439	14,460	13,991	73	76	56 566	405,080	2 575,600	6,358	5,889
24	27	98 352	19 389,817	279 470,569	14,413	13,944	74	77	53 534	358,283	2 170,520	6,058	5,589
25	28	98 271	18 106,319	260 080,752	14,364	13,895	75	78	50 287	314,535	1 812,237	5,762	5,292
26	29	98 192	16 908,220	241 974,434	14,311	13,842	76	79	46 852	273,879	1 497,702	5,468	4,999
27	30	98 107	15 788,362	225 066,214	14,255	13,786	77	80	43 272	236,403	1 223,822	5,177	4,707
28	31	98 017	14 741,965	209 277,852	14,196	13,727	78	81	39 526	201,813	987,419	4,893	4,423
29	32	97 928	13 765,100	194 535,887	14,133	13,663	79	82	35 657	170,146	785,606	4,617	4,148
30	33	97 829	12 851,562	180 770,787	14,066	13,597	80	83	31 708	141,404	615,459	4,352	3,883
31	34	97 731	11 998,732	167 919,225	13,995	13,525	81	84	27 786	115,808	474,056	4,093	3,624
32	35	97 620	11 201,004	155 920,494	13,920	13,451	82	85	23 899	93,090	358,248	3,848	3,379
33	36	97 509	10 456,372	144 719,490	13,840	13,371	83	86	20 160	73,390	265,158	3,613	3,143
34	37	97 388	9 760,210	134 263,117	13,756	13,287	84	87	16 655	56,665	191,768	3,384	2,915
35	38	97 259	9 109,593	124 502,907	13,667	13,198	85	88	13 393	42,586	135,103	3,172	2,703
36	39	97 124	8 501,751	115 393,314	13,573	13,103	86	89	10 478	31,138	92,517	2,971	2,502
37	40	96 974	7 933,311	106 891,563	13,474	13,004	87	90	7 908	21,962	61,378	2,795	2,325
38	41	96 813	7 402,043	98 958,252	13,369	12,900	88	91	5 780	15,002	39,416	2,627	2,158
39	42	96 629	6 904,655	91 556,210	13,260	12,791	89	92	4 048	9,819	24,415	2,486	2,017
40	43	96 433	6 439,803	84 651,555	13,145	12,676	90	93	2 733	6,196	14,595	2,356	1,886
41	44	96 210	6 004,632	78 211,752	13,025	12,556	91	94	1 785	3,783	8,399	2,221	1,751
42	45	95 971	5 597,826	72 207,119	12,899	12,430	92	95	1 106	2,190	4,617	2,108	1,639
43	46	95 702	5 216,982	66 609,293	12,768	12,298	93	96	654	1,211	2,427	2,005	1,535
44	47	95 397	4 860,132	61 392,312	12,632	12,162	94	97	368	0,637	1,216	1,910	1,441
45	48	95 051	4 525,730	56 532,180	12,491	12,022	95	98	197	0,318	0,580	1,825	1,355
46	49	94 673	4 212,823	52 006,450	12,345	11,875	96	99	99	0,150	0,262	1,747	1,277
47	50	94 245	3 919,397	47 793,627	12,194	11,725	97	100	47	0,067	0,112	1,676	1,206
48	51	93 766	3 644,368	43 874,229	12,039	11,569							
49	52	93 236	3 386,721	40 229,861	11,879	11,409							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß   7,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	4	99 632	99 632,441	1 494 722,567	15,002	14,533	50	54	92 368	3 135,702	36 499,423	11,640	11,170
1	5	99 235	92 743,227	1 395 090,125	15,043	14,573	51	55	91 705	2 909,523	33 363,721	11,467	10,998
2	6	99 193	86 638,794	1 302 346,898	15,032	14,562	52	56	90 948	2 696,727	30 454,198	11,293	10,824
3	7	99 165	80 948,502	1 215 708,104	15,018	14,549	53	57	90 151	2 498,229	27 757,471	11,111	10,641
4	8	99 143	75 635,793	1 134 759,602	15,003	14,533	54	58	89 295	2 312,627	25 259,242	10,922	10,453
5	9	99 123	70 673,065	1 059 123,809	14,986	14,517	55	59	88 351	2 138,471	22 946,615	10,730	10,261
6	10	99 105	66 037,902	988 450,744	14,968	14,498	56	60	87 339	1 975,675	20 808,144	10,532	10,063
7	11	99 088	61 706,765	922 412,842	14,948	14,479	57	61	86 235	1 823,088	18 832,469	10,330	9,860
8	12	99 071	57 660,511	860 706,077	14,927	14,458	58	62	85 050	1 680,400	17 009,381	10,122	9,653
9	13	99 055	53 879,501	803 045,566	14,904	14,435	59	63	83 770	1 546,838	15 328,981	9,910	9,440
10	14	99 039	50 346,209	749 166,065	14,880	14,411	60	64	82 411	1 422,199	13 782,143	9,691	9,221
11	15	99 019	47 043,228	698 819,855	14,855	14,385	61	65	80 956	1 305,679	12 359,944	9,466	8,997
12	16	98 998	43 956,330	651 776,628	14,828	14,358	62	66	79 427	1 197,212	11 054,265	9,233	8,764
13	17	98 972	41 069,791	607 820,297	14,800	14,330	63	67	77 803	1 096,020	9 857,052	8,993	8,524
14	18	98 945	38 372,567	566 750,507	14,770	14,300	64	68	76 118	1 002,131	8 761,033	8,742	8,273
15	19	98 908	35 848,639	528 377,940	14,739	14,270	65	69	74 316	914,402	7 758,902	8,485	8,016
16	20	98 869	33 490,518	492 529,301	14,707	14,237	66	70	72 420	832,772	6 844,500	8,219	7,749
17	21	98 822	31 284,475	459 038,783	14,673	14,204	67	71	70 395	756,536	6 011,728	7,946	7,477
18	22	98 768	29 221,804	427 754,308	14,638	14,169	68	72	68 246	685,459	5 255,192	7,667	7,197
19	23	98 698	27 290,825	398 532,504	14,603	14,134	69	73	65 970	619,252	4 569,733	7,379	6,910
20	24	98 627	25 487,153	371 241,679	14,566	14,096	70	74	63 538	557,406	3 950,482	7,087	6,618
21	25	98 554	23 802,144	345 754,527	14,526	14,057	71	75	60 936	499,606	3 393,076	6,792	6,322
22	26	98 479	22 228,082	321 952,382	14,484	14,015	72	76	58 142	445,513	2 893,470	6,495	6,025
23	27	98 404	20 757,956	299 724,300	14,439	13,969	73	77	55 181	395,159	2 447,957	6,195	5,725
24	28	98 326	19 384,608	278 966,344	14,391	13,922	74	78	52 049	348,350	2 052,798	5,893	5,423
25	29	98 246	18 101,740	259 581,736	14,340	13,871	75	79	48 674	304,449	1 704,448	5,598	5,129
26	30	98 164	16 903,369	241 479,996	14,286	13,816	76	80	45 151	263,936	1 399,999	5,304	4,835
27	31	98 079	15 783,893	224 576,627	14,228	13,759	77	81	41 464	226,530	1 136,064	5,015	4,546
28	32	97 987	14 737,513	208 792,734	14,167	13,698	78	82	37 645	192,209	909,534	4,732	4,262
29	33	97 894	13 760,220	194 055,222	14,103	13,633	79	83	33 690	160,764	717,325	4,462	3,992
30	34	97 794	12 846,863	180 295,001	14,034	13,565	80	84	29 719	132,536	556,561	4,199	3,730
31	35	97 690	11 993,635	167 448,138	13,961	13,492	81	85	25 776	107,433	424,025	3,947	3,477
32	36	97 581	11 196,549	155 454,503	13,884	13,415	82	86	21 921	85,386	316,592	3,708	3,238
33	37	97 463	10 451,403	144 257,954	13,803	13,333	83	87	18 260	66,475	231,206	3,478	3,009
34	38	97 337	9 755,002	133 806,551	13,717	13,247	84	88	14 852	50,529	164,731	3,260	2,791
35	39	97 205	9 104,521	124 051,550	13,625	13,156	85	89	11 756	37,378	114,202	3,055	2,586
36	40	97 059	8 496,127	114 947,029	13,529	13,060	86	90	8 996	26,732	76,824	2,874	2,404
37	41	96 905	7 927,708	106 450,902	13,428	12,958	87	91	6 684	18,562	50,092	2,699	2,229
38	42	96 736	7 396,110	98 523,194	13,321	12,851	88	92	4 753	12,336	31,530	2,556	2,086
39	43	96 543	6 898,509	91 127,083	13,210	12,740	89	93	3 282	7,961	19,193	2,411	1,941
40	44	96 334	6 433,209	84 228,575	13,093	12,623	90	94	2 167	4,912	11,232	2,287	1,817
41	45	96 102	5 997,888	77 795,365	12,970	12,501	91	95	1 382	2,928	6,320	2,159	1,689
42	46	95 849	5 590,721	71 797,477	12,842	12,373	92	96	835	1,653	3,392	2,052	1,583
43	47	95 567	5 209,631	66 206,756	12,709	12,239	93	97	481	0,890	1,739	1,954	1,484
44	48	95 241	4 852,185	60 997,126	12,571	12,102	94	98	263	0,455	0,849	1,864	1,395
45	49	94 883	4 517,727	56 144,941	12,428	11,958	95	99	137	0,221	0,394	1,783	1,313
46	50	94 478	4 204,154	51 627,214	12,280	11,811	96	100	67	0,101	0,173	1,709	1,239
47	51	94 037	3 910,763	47 423,060	12,126	11,657							
48	52	93 536	3 635,451	43 512,297	11,969	11,499							
49	53	92 980	3 377,423	39 876,846	11,807	11,337							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß   7,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	5	99 621	99 620,567	1 494 022,100	14,997	14,528	50	55	92 074	3 125,695	36 129,690	11,559	11,089
1	6	99 225	92 733,853	1 394 401,533	15,037	14,567	51	56	91 380	2 899,214	33 003,995	11,384	10,914
2	7	99 184	86 631,249	1 301 667,680	15,025	14,556	52	57	90 605	2 686,554	30 104,781	11,206	10,736
3	8	99 157	80 941,554	1 215 036,431	15,011	14,542	53	58	89 791	2 488,245	27 418,227	11,019	10,550
4	9	99 136	75 630,223	1 134 094,877	14,995	14,526	54	59	88 901	2 302,423	24 929,982	10,828	10,358
5	10	99 116	70 668,190	1 058 464,654	14,978	14,508	55	60	87 934	2 128,373	22 627,559	10,631	10,162
6	11	99 098	66 033,215	987 796,464	14,959	14,490	56	61	86 868	1 965,027	20 499,186	10,432	9,962
7	12	99 080	61 701,830	921 763,249	14,939	14,469	57	62	85 739	1 812,611	18 534,158	10,225	9,756
8	13	99 064	57 655,869	860 061,418	14,917	14,448	58	63	84 513	1 669,801	16 721,547	10,014	9,545
9	14	99 046	53 874,675	802 405,549	14,894	14,424	59	64	83 205	1 536,415	15 051,746	9,797	9,327
10	15	99 028	50 340,753	748 530,874	14,869	14,400	60	65	81 806	1 411,747	13 515,331	9,573	9,104
11	16	99 007	47 037,310	698 190,121	14,843	14,374	61	66	80 323	1 295,482	12 103,584	9,343	8,873
12	17	98 983	43 949,567	651 152,811	14,816	14,346	62	67	78 747	1 186,971	10 808,102	9,106	8,636
13	18	98 956	41 063,200	607 203,244	14,787	14,318	63	68	77 092	1 086,011	9 621,131	8,859	8,390
14	19	98 922	38 363,802	566 140,044	14,757	14,288	64	69	75 379	992,399	8 535,120	8,600	8,131
15	20	98 887	35 841,235	527 776,243	14,725	14,256	65	70	73 527	904,690	7 542,721	8,337	7,868
16	21	98 848	33 483,083	491 935,008	14,692	14,223	66	71	71 579	823,108	6 638,031	8,065	7,595
17	22	98 801	31 277,927	458 451,924	14,657	14,188	67	72	69 489	746,793	5 814,923	7,787	7,317
18	23	98 746	29 215,249	427 173,997	14,622	14,152	68	73	67 258	675,535	5 068,130	7,502	7,033
19	24	98 675	27 284,587	397 958,748	14,585	14,116	69	74	64 897	609,182	4 392,595	7,211	6,741
20	25	98 607	25 482,001	370 674,161	14,547	14,077	70	75	62 356	547,034	3 783,413	6,916	6,447
21	26	98 533	23 796,908	345 192,161	14,506	14,036	71	76	59 629	488,886	3 236,379	6,620	6,150
22	27	98 456	22 222,822	321 395,253	14,462	13,993	72	77	56 718	434,601	2 747,494	6,322	5,852
23	28	98 377	20 752,380	299 172,431	14,416	13,947	73	78	53 651	384,203	2 312,893	6,020	5,550
24	29	98 301	19 379,706	278 420,051	14,367	13,897	74	79	50 380	337,179	1 928,689	5,720	5,251
25	30	98 218	18 096,546	259 040,345	14,314	13,845	75	80	46 907	293,395	1 591,510	5,424	4,955
26	31	98 136	16 898,584	240 943,799	14,258	13,789	76	81	43 265	252,912	1 298,115	5,133	4,663
27	32	98 049	15 779,126	224 045,215	14,199	13,729	77	82	39 491	215,749	1 045,202	4,845	4,375
28	33	97 953	14 732,289	208 266,088	14,137	13,667	78	83	35 569	181,610	829,453	4,567	4,098
29	34	97 858	13 755,189	193 533,800	14,070	13,600	79	84	31 578	150,682	647,844	4,299	3,830
30	35	97 752	12 841,406	179 778,611	14,000	13,530	80	85	27 570	122,952	497,162	4,044	3,574
31	36	97 651	11 988,864	166 937,205	13,924	13,455	81	86	23 643	98,542	374,210	3,797	3,328
32	37	97 535	11 191,228	154 948,340	13,846	13,376	82	87	19 855	77,341	275,667	3,564	3,095
33	38	97 411	10 445,825	143 757,112	13,762	13,293	83	88	16 283	59,276	198,326	3,346	2,876
34	39	97 282	9 749,571	133 311,287	13,674	13,204	84	89	13 036	44,350	139,050	3,135	2,666
35	40	97 141	9 098,498	123 561,716	13,580	13,111	85	90	10 092	32,089	94,700	2,951	2,482
36	41	96 991	8 490,126	114 463,218	13,482	13,012	86	91	7 603	22,594	62,612	2,771	2,302
37	42	96 828	7 921,354	105 973,092	13,378	12,909	87	92	5 496	15,264	40,018	2,622	2,152
38	43	96 650	7 389,527	98 051,737	13,269	12,800	88	93	3 853	10,002	24,754	2,475	2,005
39	44	96 445	6 891,445	90 662,210	13,156	12,686	89	94	2 602	6,311	14,752	2,337	1,868
40	45	96 226	6 425,984	83 770,765	13,036	12,567	90	95	1 677	3,802	8,441	2,220	1,750
41	46	95 980	5 990,275	77 344,781	12,912	12,442	91	96	1 043	2,211	4,638	2,098	1,629
42	47	95 714	5 582,843	71 354,506	12,781	12,312	92	97	614	1,216	2,428	1,997	1,528
43	48	95 411	5 201,112	65 771,663	12,646	12,176	93	98	344	0,637	1,212	1,904	1,435
44	49	95 072	4 843,604	60 570,551	12,505	12,036	94	99	183	0,316	0,576	1,819	1,350
45	50	94 688	4 508,431	55 726,947	12,361	11,891	95	100	92	0,149	0,259	1,742	1,272
46	51	94 270	4 194,892	51 218,516	12,210	11,740							
47	52	93 807	3 901,194	47 023,623	12,054	11,584							
48	53	93 279	3 625,470	43 122,429	11,894	11,425							
49	54	92 701	3 367,269	39 496,959	11,730	11,260							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 7,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	6	99 610	99 610,498	1 493 272,456	14,991	14,522	50	56	91 747	3 114,620	35 732,308	11,472	11,003
1	7	99 217	92 725,777	1 393 661,958	15,030	14,560	51	57	91 036	2 888,278	32 617,688	11,293	10,824
2	8	99 176	86 623,813	1 300 936,181	15,018	14,549	52	58	90 243	2 675,817	29 729,411	11,110	10,641
3	9	99 150	80 935,594	1 214 312,368	15,003	14,534	53	59	89 395	2 477,266	27 053,593	10,921	10,451
4	10	99 129	75 625,006	1 133 376,775	14,987	14,517	54	60	88 482	2 291,551	24 576,327	10,725	10,255
5	11	99 109	70 663,175	1 057 751,769	14,969	14,499	55	61	87 460	2 116,903	22 284,776	10,527	10,058
6	12	99 090	66 027,935	987 088,594	14,950	14,480	56	62	86 369	1 953,735	20 167,874	10,323	9,853
7	13	99 072	61 696,863	921 060,660	14,929	14,459	57	63	85 198	1 801,178	18 214,139	10,112	9,643
8	14	99 055	57 650,705	859 363,796	14,906	14,437	58	64	83 944	1 658,550	16 412,961	9,896	9,426
9	15	99 036	53 868,836	801 713,092	14,883	14,413	59	65	82 594	1 525,124	14 754,411	9,674	9,205
10	16	99 015	50 334,420	747 844,256	14,858	14,388	60	66	81 167	1 400,721	13 229,287	9,445	8,975
11	17	98 991	47 030,072	697 509,836	14,831	14,362	61	67	79 636	1 284,400	11 828,566	9,209	8,740
12	18	98 967	43 942,514	650 479,763	14,803	14,333	62	68	78 028	1 176,131	10 544,166	8,965	8,496
13	19	98 933	41 053,821	606 537,249	14,774	14,305	63	69	76 344	1 075,465	9 368,035	8,711	8,241
14	20	98 902	38 355,878	565 483,428	14,743	14,274	64	70	74 578	981,858	8 292,570	8,446	7,976
15	21	98 865	35 833,278	527 127,550	14,711	14,241	65	71	72 673	894,191	7 310,711	8,176	7,706
16	22	98 827	33 476,076	491 294,272	14,676	14,206	66	72	70 657	812,509	6 416,520	7,897	7,428
17	23	98 779	31 270,911	457 818,196	14,640	14,171	67	73	68 483	735,982	5 604,011	7,614	7,145
18	24	98 723	29 208,571	426 547,285	14,603	14,134	68	74	66 164	664,550	4 868,030	7,325	6,856
19	25	98 656	27 279,072	397 338,714	14,566	14,096	69	75	63 690	597,847	4 203,480	7,031	6,562
20	26	98 586	25 476,395	370 059,643	14,526	14,056	70	76	61 018	535,295	3 605,634	6,736	6,266
21	27	98 509	23 791,276	344 583,248	14,484	14,014	71	77	58 168	476,912	3 070,338	6,438	5,968
22	28	98 430	22 216,852	320 791,972	14,439	13,970	72	78	55 146	422,552	2 593,427	6,138	5,668
23	29	98 352	20 747,132	298 575,120	14,391	13,922	73	79	51 930	371,883	2 170,874	5,838	5,368
24	30	98 273	19 374,146	277 827,988	14,340	13,871	74	80	48 551	324,938	1 798,992	5,536	5,067
25	31	98 190	18 091,424	258 453,842	14,286	13,816	75	81	44 948	281,141	1 474,054	5,243	4,774
26	32	98 106	16 893,481	240 362,418	14,228	13,759	76	82	41 206	240,876	1 192,912	4,952	4,483
27	33	98 015	15 773,533	223 468,937	14,167	13,698	77	83	37 313	203,852	952,036	4,670	4,201
28	34	97 917	14 726,902	207 695,405	14,103	13,634	78	84	33 339	170,221	748,185	4,395	3,926
29	35	97 816	13 749,346	192 968,503	14,035	13,565	79	85	29 294	139,785	577,964	4,135	3,665
30	36	97 713	12 836,299	179 219,157	13,962	13,492	80	86	25 288	112,777	438,179	3,885	3,416
31	37	97 604	11 983,167	166 382,858	13,885	13,415	81	87	21 416	89,258	325,402	3,646	3,176
32	38	97 483	11 185,255	154 399,691	13,804	13,334	82	88	17 705	68,966	236,144	3,424	2,955
33	39	97 357	10 440,010	143 214,436	13,718	13,248	83	89	14 292	52,028	167,179	3,213	2,744
34	40	97 218	9 743,121	132 774,426	13,628	13,158	84	90	11 191	38,073	115,151	3,024	2,555
35	41	97 072	9 092,073	123 031,305	13,532	13,062	85	91	8 530	27,122	77,078	2,842	2,372
36	42	96 913	8 483,322	113 939,232	13,431	12,961	86	92	6 252	18,579	49,956	2,689	2,219
37	43	96 741	7 914,304	105 455,911	13,325	12,855	87	93	4 456	12,376	31,377	2,535	2,066
38	44	96 551	7 381,961	97 541,607	13,214	12,744	88	94	3 055	7,929	19,001	2,396	1,927
39	45	96 336	6 883,705	90 159,646	13,098	12,628	89	95	2 014	4,886	11,072	2,266	1,797
40	46	96 103	6 417,828	83 275,941	12,976	12,506	90	96	1 266	2,871	6,187	2,155	1,686
41	47	95 845	5 981,834	76 858,113	12,849	12,379	91	97	767	1,625	3,316	2,040	1,571
42	48	95 557	5 573,714	70 876,279	12,716	12,247	92	98	439	0,869	1,691	1,945	1,475
43	49	95 242	5 191,914	65 302,565	12,578	12,108	93	99	239	0,442	0,821	1,856	1,387
44	50	94 877	4 833,637	60 110,650	12,436	11,966	94	100	123	0,213	0,379	1,776	1,306
45	51	94 480	4 498,499	55 277,013	12,288	11,818							
46	52	94 040	4 184,628	50 778,514	12,135	11,665							
47	53	93 549	3 890,484	46 593,885	11,976	11,507							
48	54	92 999	3 614,570	42 703,401	11,814	11,345							
49	55	92 405	3 356,523	39 088,831	11,646	11,176							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß   7,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	7	99 602	99 601,823	1 492 467,878	14,984	14,515
1	8	99 208	92 717,819	1 392 866,055	15,023	14,553
2	9	99 168	86 617,434	1 300 148,237	15,010	14,541
3	10	99 143	80 930,010	1 213 530,803	14,995	14,525
4	11	99 122	75 619,639	1 132 600,793	14,978	14,508
5	12	99 101	70 657,524	1 056 981,154	14,959	14,490
6	13	99 082	66 022,619	986 323,630	14,939	14,470
7	14	99 063	61 691,337	920 301,011	14,918	14,448
8	15	99 044	57 644,456	858 609,674	14,895	14,425
9	16	99 023	53 862,060	800 965,218	14,871	14,401
10	17	99 000	50 326,675	747 103,158	14,845	14,376
11	18	98 975	47 022,525	696 776,483	14,818	14,348
12	19	98 944	43 932,477	649 753,958	14,790	14,320
13	20	98 913	41 045,342	605 821,481	14,760	14,290
14	21	98 880	38 347,364	564 776,139	14,728	14,258
15	22	98 844	35 825,779	526 428,776	14,694	14,225
16	23	98 805	33 468,566	490 602,997	14,659	14,189
17	24	98 756	31 263,763	457 134,431	14,622	14,152
18	25	98 703	29 202,667	425 870,668	14,583	14,114
19	26	98 634	27 273,071	396 668,001	14,544	14,075
20	27	98 562	25 470,366	369 394,931	14,503	14,033
21	28	98 483	23 784,885	343 924,565	14,460	13,990
22	29	98 405	22 211,234	320 139,680	14,413	13,944
23	30	98 324	20 741,179	297 928,446	14,364	13,895
24	31	98 245	19 368,662	277 187,267	14,311	13,842
25	32	98 160	18 085,960	257 818,605	14,255	13,786
26	33	98 072	16 887,492	239 732,645	14,196	13,726
27	34	97 979	15 767,765	222 845,153	14,133	13,663
28	35	97 875	14 720,646	207 077,387	14,067	13,598
29	36	97 777	13 743,877	192 356,741	13,996	13,526
30	37	97 667	12 830,199	178 612,864	13,921	13,452
31	38	97 552	11 976,772	165 782,665	13,842	13,373
32	39	97 428	11 179,028	153 805,893	13,758	13,289
33	40	97 292	10 433,103	142 626,865	13,671	13,201
34	41	97 149	9 736,240	132 193,762	13,577	13,108
35	42	96 994	9 084,785	122 457,521	13,479	13,010
36	43	96 827	8 475,771	113 372,736	13,376	12,907
37	44	96 642	7 906,200	104 896,965	13,268	12,798
38	45	96 442	7 373,669	96 990,765	13,154	12,684
39	46	96 214	6 874,968	89 617,096	13,035	12,566
40	47	95 968	6 408,784	82 742,128	12,911	12,441
41	48	95 688	5 972,053	76 333,344	12,782	12,312
42	49	95 388	5 563,858	70 361,290	12,646	12,177
43	50	95 046	5 181,231	64 797,432	12,506	12,037
44	51	94 668	4 822,989	59 616,201	12,361	11,891
45	52	94 248	4 487,492	54 793,212	12,210	11,741
46	53	93 781	4 173,140	50 305,720	12,055	11,585
47	54	93 268	3 878,787	46 132,580	11,894	11,424
48	55	92 702	3 603,035	42 253,793	11,727	11,258
49	56	92 077	3 344,630	38 650,758	11,556	11,087

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
50	57	91 401	3 102,871	35 306,128	11,379	10,909
51	58	90 672	2 876,735	32 203,257	11,194	10,725
52	59	89 845	2 664,011	29 326,522	11,008	10,539
53	60	88 973	2 465,568	26 662,511	10,814	10,344
54	61	88 005	2 279,201	24 196,943	10,616	10,147
55	62	86 957	2 104,737	21 917,742	10,414	9,944
56	63	85 824	1 941,412	19 813,005	10,205	9,736
57	64	84 624	1 789,042	17 871,593	9,989	9,520
58	65	83 327	1 646,361	16 082,551	9,769	9,299
59	66	81 949	1 513,213	14 436,191	9,540	9,071
60	67	80 472	1 388,739	12 922,978	9,306	8,836
61	68	78 909	1 272,670	11 534,239	9,063	8,594
62	69	77 270	1 164,710	10 261,569	8,810	8,341
63	70	75 533	1 064,042	9 096,858	8,549	8,080
64	71	73 713	970,464	8 032,816	8,277	7,808
65	72	71 738	882,677	7 062,352	8,001	7,532
66	73	69 634	800,746	6 179,676	7,717	7,248
67	74	67 369	724,014	5 378,930	7,429	6,960
68	75	64 933	652,184	4 654,916	7,137	6,668
69	76	62 323	585,018	4 002,732	6,842	6,373
70	77	59 524	522,185	3 417,714	6,545	6,076
71	78	56 556	463,690	2 895,530	6,245	5,775
72	79	53 377	409,002	2 431,840	5,946	5,476
73	80	50 045	358,381	2 022,838	5,644	5,175
74	81	46 523	311,367	1 664,457	5,346	4,876
75	82	42 809	267,762	1 353,091	5,053	4,584
76	83	38 934	227,593	1 085,329	4,769	4,299
77	84	34 973	191,068	857,736	4,489	4,020
78	85	30 928	157,911	666,668	4,222	3,752
79	86	26 870	128,217	508,757	3,968	3,498
80	87	22 906	102,151	380,539	3,725	3,256
81	88	19 096	79,592	278,389	3,498	3,028
82	89	15 540	60,532	198,797	3,284	2,815
83	90	12 269	44,665	138,265	3,096	2,626
84	91	9 458	32,180	93,600	2,909	2,439
85	92	7 014	22,302	61,420	2,754	2,284
86	93	5 069	15,063	39,118	2,597	2,127
87	94	3 533	9,811	24,054	2,452	1,982
88	95	2 365	6,138	14,243	2,321	1,851
89	96	1 521	3,688	8,105	2,198	1,728
90	97	931	2,111	4,417	2,093	1,623
91	98	549	1,163	2,306	1,984	1,514
92	99	305	0,604	1,144	1,894	1,424
93	100	161	0,298	0,540	1,810	1,341

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß   7,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	8	99 593	99 593,274	1 491 602,685	14,977	14,507
1	9	99 201	92 710,990	1 392 009,411	15,015	14,545
2	10	99 161	86 611,459	1 299 298,420	15,001	14,532
3	11	99 136	80 924,267	1 212 686,962	14,985	14,516
4	12	99 114	75 613,592	1 131 762,695	14,968	14,498
5	13	99 093	70 651,836	1 056 149,103	14,949	14,479
6	14	99 073	66 016,705	985 497,267	14,928	14,458
7	15	99 052	61 684,650	919 480,562	14,906	14,437
8	16	99 031	57 637,205	857 795,912	14,883	14,413
9	17	99 008	53 853,772	800 158,707	14,858	14,388
10	18	98 984	50 318,599	746 304,935	14,832	14,362
11	19	98 953	47 011,785	695 986,336	14,805	14,335
12	20	98 924	43 923,403	648 974,551	14,775	14,306
13	21	98 891	41 036,230	605 051,148	14,744	14,275
14	22	98 859	38 339,338	564 014,918	14,711	14,242
15	23	98 822	35 817,742	525 675,580	14,676	14,207
16	24	98 782	33 460,916	489 857,838	14,640	14,170
17	25	98 736	31 257,443	456 396,922	14,601	14,132
18	26	98 681	29 196,243	425 139,479	14,561	14,092
19	27	98 610	27 266,616	395 943,236	14,521	14,052
20	28	98 536	25 463,523	368 676,620	14,479	14,009
21	29	98 458	23 778,870	343 213,097	14,434	13,964
22	30	98 376	22 204,861	319 434,227	14,386	13,916
23	31	98 296	20 735,309	297 229,366	14,334	13,865
24	32	98 215	19 362,812	276 494,057	14,280	13,810
25	33	98 126	18 079,549	257 131,245	14,222	13,753
26	34	98 036	16 881,318	239 051,696	14,161	13,691
27	35	97 937	15 761,068	222 170,378	14,096	13,627
28	36	97 836	14 714,791	206 409,310	14,027	13,558
29	37	97 731	13 737,346	191 694,519	13,954	13,485
30	38	97 615	12 823,351	177 957,173	13,878	13,408
31	39	97 498	11 970,104	165 133,822	13,796	13,326
32	40	97 364	11 171,633	153 163,718	13,710	13,241
33	41	97 224	10 425,735	141 992,085	13,619	13,150
34	42	97 071	9 728,437	131 566,350	13,524	13,054
35	43	96 908	9 076,699	121 837,913	13,423	12,954
36	44	96 728	8 467,092	112 761,214	13,318	12,848
37	45	96 534	7 897,320	104 294,122	13,206	12,737
38	46	96 320	7 364,311	96 396,802	13,090	12,620
39	47	96 078	6 865,281	89 032,492	12,969	12,499
40	48	95 811	6 398,305	82 167,211	12,842	12,373
41	49	95 519	5 961,492	75 768,906	12,710	12,240
42	50	95 192	5 552,409	69 807,414	12,572	12,103
43	51	94 837	5 169,817	64 255,004	12,429	11,959
44	52	94 436	4 811,188	59 085,187	12,281	11,811
45	53	93 990	4 475,172	54 273,999	12,128	11,658
46	54	93 499	4 160,593	49 798,827	11,969	11,500
47	55	92 971	3 866,409	45 638,234	11,804	11,334
48	56	92 374	3 590,269	41 771,825	11,635	11,165
49	57	91 730	3 332,013	38 181,556	11,459	10,989
50	58	91 036	3 090,470	34 849,542	11,276	10,807
51	59	90 272	2 864,042	31 759,072	11,089	10,619
52	60	89 420	2 651,431	28 895,030	10,898	10,428
53	61	88 493	2 452,281	26 243,599	10,702	10,232
54	62	87 499	2 266,103	23 791,318	10,499	10,029
55	63	86 409	2 091,461	21 525,215	10,292	9,822
56	64	85 246	1 928,331	19 433,754	10,078	9,609
57	65	84 002	1 775,893	17 505,423	9,857	9,388
58	66	82 676	1 633,503	15 729,530	9,629	9,160
59	67	81 248	1 500,268	14 096,027	9,396	8,926
60	68	79 738	1 376,057	12 595,759	9,154	8,684
61	69	78 143	1 260,312	11 219,702	8,902	8,433
62	70	76 450	1 152,339	9 959,390	8,643	8,173
63	71	74 656	1 051,694	8 807,051	8,374	7,905
64	72	72 763	957,967	7 755,357	8,096	7,626
65	73	70 699	869,897	6 797,390	7,814	7,344
66	74	68 502	787,724	5 927,492	7,525	7,055
67	75	66 115	710,542	5 139,768	7,234	6,764
68	76	63 540	638,190	4 429,226	6,940	6,471
69	77	60 797	570,689	3 791,037	6,643	6,173
70	78	57 873	507,708	3 220,348	6,343	5,873
71	79	54 742	448,820	2 712,640	6,044	5,574
72	80	51 439	394,153	2 263,820	5,744	5,274
73	81	47 955	343,413	1 869,667	5,444	4,975
74	82	44 309	296,549	1 526,254	5,147	4,677
75	83	40 448	252,996	1 229,706	4,861	4,391
76	84	36 492	213,320	976,709	4,579	4,109
77	85	32 444	177,251	763,389	4,307	3,837
78	86	28 368	144,843	586,138	4,047	3,577
79	87	24 338	116,136	441,295	3,800	3,330
80	88	20 425	91,089	325,159	3,570	3,100
81	89	16 761	69,859	234,070	3,351	2,881
82	90	13 341	51,966	164,211	3,160	2,690
83	91	10 370	37,751	112,246	2,973	2,504
84	92	7 778	26,462	74,495	2,815	2,346
85	93	5 687	18,082	48,033	2,656	2,187
86	94	4 018	11,941	29,951	2,508	2,039
87	95	2 735	7,595	18,009	2,371	1,902
88	96	1 785	4,634	10,414	2,247	1,778
89	97	1 118	2,712	5,781	2,131	1,662
90	98	666	1,510	3,069	2,033	1,563
91	99	381	0,808	1,559	1,930	1,460
92	100	206	0,407	0,751	1,845	1,375

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß   7,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	9	99 586	99 585,940	1 490 672,203	14,969	14,499	50	59	90 634	3 076,834	34 360,857	11,168	10,698
1	10	99 194	92 704,595	1 391 086,263	15,006	14,536	51	60	89 846	2 850,517	31 284,023	10,975	10,505
2	11	99 154	86 605,312	1 298 381,668	14,992	14,522	52	61	88 939	2 637,142	28 433,505	10,782	10,312
3	12	99 128	80 917,795	1 211 776,357	14,975	14,506	53	62	87 985	2 438,188	25 796,363	10,580	10,111
4	13	99 106	75 607,505	1 130 858,561	14,957	14,487	54	63	86 947	2 251,809	23 358,175	10,373	9,904
5	14	99 084	70 645,507	1 055 251,057	14,937	14,468	55	64	85 827	2 077,369	21 106,366	10,160	9,691
6	15	99 063	66 009,550	984 605,549	14,916	14,447	56	65	84 619	1 914,159	19 028,997	9,941	9,472
7	16	99 040	61 676,891	918 595,999	14,894	14,424	57	66	83 346	1 762,024	17 114,838	9,713	9,244
8	17	99 016	57 628,336	856 919,109	14,870	14,400	58	67	81 969	1 619,529	15 352,814	9,480	9,010
9	18	98 992	53 845,130	799 290,773	14,844	14,375	59	68	80 506	1 486,567	13 733,285	9,238	8,769
10	19	98 962	50 307,106	745 445,643	14,818	14,348	60	69	78 963	1 362,694	12 246,718	8,987	8,518
11	20	98 932	47 002,075	695 138,537	14,790	14,320	61	70	77 313	1 246,925	10 884,023	8,729	8,259
12	21	98 902	43 913,653	648 136,462	14,759	14,290	62	71	75 562	1 138,967	9 637,098	8,461	7,992
13	22	98 870	41 027,641	604 222,809	14,727	14,258	63	72	73 695	1 038,151	8 498,131	8,186	7,716
14	23	98 837	38 330,737	563 195,168	14,693	14,224	64	73	71 710	944,098	7 459,980	7,902	7,432
15	24	98 800	35 809,555	524 864,430	14,657	14,188	65	74	69 549	855,752	6 515,882	7,614	7,145
16	25	98 762	33 454,152	489 054,876	14,619	14,149	66	75	67 227	773,067	5 660,130	7,322	6,852
17	26	98 715	31 250,567	455 600,724	14,579	14,109	67	76	64 697	695,295	4 887,063	7,029	6,559
18	27	98 658	29 189,333	424 350,157	14,538	14,068	68	77	61 984	622,559	4 191,769	6,733	6,264
19	28	98 584	27 259,291	395 160,823	14,496	14,027	69	78	59 111	554,868	3 569,210	6,433	5,963
20	29	98 511	25 457,084	367 901,532	14,452	13,982	70	79	56 017	491,426	3 014,342	6,134	5,664
21	30	98 430	23 772,048	342 444,448	14,405	13,936	71	80	52 755	432,525	2 522,916	5,833	5,363
22	31	98 349	22 198,576	318 672,401	14,356	13,886	72	81	49 291	377,691	2 090,391	5,535	5,065
23	32	98 267	20 729,046	296 473,825	14,302	13,833	73	82	45 673	327,070	1 712,700	5,236	4,767
24	33	98 180	19 355,949	275 744,779	14,246	13,776	74	83	41 866	280,196	1 385,630	4,945	4,476
25	34	98 090	18 072,939	256 388,830	14,186	13,717	75	84	37 911	237,130	1 105,435	4,662	4,192
26	35	97 994	16 874,147	238 315,891	14,123	13,654	76	85	33 853	197,894	868,304	4,388	3,918
27	36	97 898	15 754,799	221 441,744	14,056	13,586	77	86	29 759	162,582	670,410	4,124	3,654
28	37	97 790	14 707,798	205 686,946	13,985	13,515	78	87	25 695	131,196	507,828	3,871	3,401
29	38	97 679	13 730,015	190 979,147	13,910	13,440	79	88	21 702	103,560	376,632	3,637	3,167
30	39	97 560	12 816,212	177 249,132	13,830	13,361	80	89	17 927	79,950	273,072	3,416	2,946
31	40	97 433	11 962,185	164 432,920	13,746	13,277	81	90	14 389	59,972	193,123	3,220	2,751
32	41	97 295	11 163,743	152 470,735	13,658	13,188	82	91	11 276	43,922	133,150	3,032	2,562
33	42	97 146	10 417,379	141 306,992	13,565	13,095	83	92	8 527	31,043	89,229	2,874	2,405
34	43	96 985	9 719,777	130 889,613	13,466	12,997	84	93	6 306	21,455	58,186	2,712	2,243
35	44	96 809	9 067,405	121 169,835	13,363	12,894	85	94	4 508	14,335	36,731	2,562	2,093
36	45	96 619	8 457,582	112 102,430	13,255	12,785	86	95	3 111	9,244	22,396	2,423	1,953
37	46	96 411	7 887,296	103 644,848	13,141	12,671	87	96	2 065	5,734	13,152	2,294	1,824
38	47	96 184	7 353,933	95 757,551	13,021	12,552	88	97	1 313	3,407	7,418	2,177	1,708
39	48	95 921	6 854,055	88 403,618	12,898	12,428	89	98	800	1,940	4,011	2,068	1,598
40	49	95 642	6 386,990	81 549,563	12,768	12,299	90	99	463	1,049	2,072	1,975	1,505
41	50	95 322	5 949,226	75 162,573	12,634	12,164	91	100	257	0,544	1,023	1,878	1,409
42	51	94 982	5 540,177	69 213,347	12,493	12,023							
43	52	94 605	5 157,168	63 673,170	12,347	11,877							
44	53	94 177	4 797,980	58 516,002	12,196	11,726							
45	54	93 707	4 461,717	53 718,023	12,040	11,570							
46	55	93 201	4 147,316	49 256,305	11,877	11,407							
47	56	92 641	3 852,710	45 108,989	11,708	11,239							
48	57	92 025	3 576,726	41 256,280	11,535	11,065							
49	58	91 363	3 318,697	37 679,554	11,354	10,884							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß   7,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	10	99 579	99 579,070	1 489 670,312	14,960	14,490	50	60	90 206	3 062,305	33 838,932	11,050	10,581
1	11	99 187	92 698,016	1 390 091,242	14,996	14,526	51	61	89 361	2 835,155	30 776,627	10,855	10,386
2	12	99 146	86 598,386	1 297 393,226	14,982	14,512	52	62	88 427	2 621,987	27 941,472	10,657	10,187
3	13	99 120	80 911,282	1 210 794,840	14,964	14,495	53	63	87 430	2 422,809	25 319,485	10,450	9,981
4	14	99 097	75 600,732	1 129 883,558	14,945	14,476	54	64	86 361	2 236,637	22 896,676	10,237	9,768
5	15	99 073	70 637,850	1 054 282,826	14,925	14,456	55	65	85 196	2 062,102	20 660,040	10,019	9,549
6	16	99 050	66 001,247	983 644,976	14,903	14,434	56	66	83 958	1 899,209	18 597,937	9,792	9,323
7	17	99 024	61 667,400	917 643,729	14,881	14,411	57	67	82 633	1 746,951	16 698,728	9,559	9,089
8	18	99 000	57 619,088	855 976,329	14,856	14,386	58	68	81 220	1 604,739	14 951,777	9,317	8,848
9	19	98 969	53 832,831	798 357,241	14,830	14,361	59	69	79 724	1 472,132	13 347,038	9,066	8,597
10	20	98 941	50 296,715	744 524,410	14,803	14,333	60	70	78 125	1 348,221	11 874,906	8,808	8,338
11	21	98 910	46 991,641	694 227,694	14,773	14,304	61	71	76 416	1 232,455	10 526,686	8,541	8,072
12	22	98 881	43 904,462	647 236,053	14,742	14,272	62	72	74 589	1 124,300	9 294,230	8,267	7,797
13	23	98 848	41 018,438	603 331,591	14,709	14,239	63	73	72 628	1 023,121	8 169,930	7,985	7,516
14	24	98 815	38 321,976	562 313,154	14,673	14,204	64	74	70 544	928,746	7 146,809	7,695	7,226
15	25	98 780	35 802,316	523 991,178	14,636	14,166	65	75	68 255	839,828	6 218,063	7,404	6,934
16	26	98 740	33 446,793	488 188,862	14,596	14,126	66	76	65 785	756,478	5 378,235	7,110	6,640
17	27	98 691	31 243,171	454 742,069	14,555	14,085	67	77	63 112	678,265	4 621,757	6,814	6,345
18	28	98 631	29 181,491	423 498,898	14,513	14,043	68	78	60 265	605,299	3 943,492	6,515	6,045
19	29	98 559	27 252,398	394 317,406	14,469	14,000	69	79	57 216	537,074	3 338,193	6,216	5,746
20	30	98 483	25 449,780	367 065,008	14,423	13,954	70	80	53 984	473,585	2 801,119	5,915	5,445
21	31	98 402	23 765,319	341 615,228	14,375	13,905	71	81	50 551	414,461	2 327,534	5,616	5,146
22	32	98 319	22 191,872	317 849,909	14,323	13,853	72	82	46 945	359,716	1 913,073	5,318	4,849
23	33	98 232	20 721,698	295 658,037	14,268	13,799	73	83	43 154	309,034	1 553,357	5,026	4,557
24	34	98 145	19 348,872	274 936,339	14,209	13,740	74	84	39 240	262,624	1 244,323	4,738	4,269
25	35	98 048	18 065,262	255 587,468	14,148	13,678	75	85	35 170	219,982	981,699	4,463	3,993
26	36	97 955	16 867,435	237 522,206	14,082	13,612	76	86	31 052	181,517	761,717	4,196	3,727
27	37	97 852	15 747,312	220 654,771	14,012	13,543	77	87	26 955	147,263	580,200	3,940	3,470
28	38	97 738	14 699,949	204 907,459	13,939	13,470	78	88	22 913	116,988	432,936	3,701	3,231
29	39	97 624	13 722,371	190 207,510	13,861	13,392	79	89	19 049	90,896	315,948	3,476	3,006
30	40	97 496	12 807,734	176 485,139	13,780	13,310	80	90	15 390	68,635	225,052	3,279	2,809
31	41	97 365	11 953,737	163 677,405	13,693	13,223	81	91	12 162	50,689	156,417	3,086	2,616
32	42	97 217	11 154,796	151 723,668	13,602	13,132	82	92	9 272	36,117	105,728	2,927	2,458
33	43	97 059	10 408,107	140 568,873	13,506	13,036	83	93	6 914	25,169	69,610	2,766	2,296
34	44	96 886	9 709,825	130 160,766	13,405	12,936	84	94	4 999	17,008	44,442	2,613	2,143
35	45	96 700	9 057,221	120 450,941	13,299	12,829	85	95	3 490	11,097	27,433	2,472	2,003
36	46	96 496	8 446,848	111 393,720	13,188	12,718	86	96	2 348	6,979	16,337	2,341	1,871
37	47	96 275	7 876,182	102 946,872	13,071	12,601	87	97	1 518	4,216	9,358	2,220	1,750
38	48	96 027	7 341,909	95 070,690	12,949	12,480	88	98	939	2,437	5,142	2,110	1,641
39	49	95 752	6 841,934	87 728,781	12,822	12,353	89	99	556	1,348	2,705	2,007	1,538
40	50	95 445	6 373,848	80 886,847	12,690	12,221	90	100	312	0,707	1,357	1,920	1,450
41	51	95 112	5 936,119	74 512,999	12,552	12,083							
42	52	94 750	5 526,622	68 576,879	12,408	11,939							
43	53	94 345	5 143,009	63 050,258	12,259	11,790							
44	54	93 894	4 783,554	57 907,249	12,105	11,636							
45	55	93 408	4 447,479	53 123,694	11,945	11,475							
46	56	92 871	4 132,621	48 676,215	11,779	11,309							
47	57	92 292	3 838,176	44 543,594	11,605	11,136							
48	58	91 657	3 562,431	40 705,417	11,426	10,957							
49	59	90 960	3 304,054	37 142,986	11,242	10,772							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß   7,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$
0	11	99 572	99 572,003	1 488 591,304	14,950	14,480	50	61	89 720	3 045,801	33 282,229	10,927	10,458
1	12	99 179	92 690,603	1 389 019,301	14,986	14,516	51	62	88 848	2 818,862	30 236,428	10,726	10,257
2	13	99 139	86 591,415	1 296 328,698	14,971	14,501	52	63	87 870	2 605,448	27 417,566	10,523	10,054
3	14	99 111	80 904,034	1 209 737,283	14,953	14,483	53	64	86 841	2 406,484	24 812,117	10,311	9,841
4	15	99 086	75 592,538	1 128 833,250	14,933	14,464	54	65	85 727	2 220,199	22 405,633	10,092	9,622
5	16	99 061	70 628,965	1 053 240,712	14,912	14,443	55	66	84 530	2 045,997	20 185,434	9,866	9,396
6	17	99 035	65 991,091	982 611,747	14,890	14,421	56	67	83 240	1 882,963	18 139,437	9,633	9,164
7	18	99 008	61 657,505	916 620,656	14,866	14,397	57	68	81 879	1 730,997	16 256,474	9,391	8,922
8	19	98 978	57 605,927	854 963,152	14,842	14,372	58	69	80 431	1 589,156	14 525,477	9,140	8,671
9	20	98 949	53 821,712	797 357,224	14,815	14,345	59	70	78 877	1 456,495	12 936,321	8,882	8,412
10	21	98 919	50 285,550	743 535,512	14,786	14,317	60	71	77 218	1 332,575	11 479,825	8,615	8,145
11	22	98 890	46 981,806	693 249,962	14,756	14,286	61	72	75 431	1 216,585	10 147,250	8,341	7,871
12	23	98 859	43 894,613	646 268,156	14,723	14,254	62	73	73 509	1 108,023	8 930,666	8,060	7,590
13	24	98 825	41 009,062	602 373,543	14,689	14,219	63	74	71 447	1 006,484	7 822,643	7,772	7,303
14	25	98 795	38 314,229	561 364,481	14,652	14,182	64	75	69 231	911,464	6 816,159	7,478	7,009
15	26	98 758	35 794,441	523 050,252	14,613	14,143	65	76	66 791	821,807	5 904,695	7,185	6,715
16	27	98 717	33 438,877	487 255,811	14,572	14,102	66	77	64 174	737,950	5 082,887	6,888	6,418
17	28	98 665	31 234,778	453 816,934	14,529	14,060	67	78	61 362	659,461	4 344,937	6,589	6,119
18	29	98 607	29 174,112	422 582,156	14,485	14,015	68	79	58 333	585,888	3 685,476	6,290	5,821
19	30	98 531	27 244,579	393 408,044	14,440	13,970	69	80	55 138	517,575	3 099,588	5,989	5,519
20	31	98 455	25 442,577	366 163,466	14,392	13,922	70	81	51 729	453,805	2 582,013	5,690	5,220
21	32	98 372	23 758,142	340 720,889	14,341	13,872	71	82	48 145	394,736	2 128,208	5,391	4,922
22	33	98 284	22 184,005	316 962,747	14,288	13,818	72	83	44 357	339,880	1 733,472	5,100	4,631
23	34	98 196	20 714,122	294 778,742	14,231	13,761	73	84	40 448	289,654	1 393,592	4,811	4,342
24	35	98 103	19 340,653	274 064,620	14,170	13,701	74	85	36 403	243,632	1 103,938	4,531	4,062
25	36	98 009	18 058,076	254 723,968	14,106	13,636	75	86	32 259	201,778	860,306	4,264	3,794
26	37	97 909	16 859,419	236 665,891	14,038	13,568	76	87	28 126	164,414	658,528	4,005	3,536
27	38	97 799	15 738,908	219 806,472	13,966	13,496	77	88	24 036	131,316	494,114	3,763	3,293
28	39	97 683	14 691,765	204 067,564	13,890	13,420	78	89	20 111	102,682	362,798	3,533	3,064
29	40	97 560	13 713,293	189 375,799	13,810	13,340	79	90	16 353	78,032	260,116	3,333	2,864
30	41	97 427	12 798,689	175 662,506	13,725	13,256	80	91	13 008	58,011	182,083	3,139	2,669
31	42	97 287	11 944,156	162 863,817	13,635	13,166	81	92	10 001	41,682	124,072	2,977	2,507
32	43	97 131	11 144,867	150 919,661	13,542	13,072	82	93	7 518	29,283	82,390	2,814	2,344
33	44	96 960	10 397,449	139 774,794	13,443	12,974	83	94	5 481	19,953	53,107	2,662	2,192
34	45	96 777	9 698,919	129 377,345	13,339	12,870	84	95	3 870	13,166	33,154	2,518	2,049
35	46	96 577	9 045,725	119 678,425	13,230	12,761	85	96	2 635	8,377	19,988	2,386	1,916
36	47	96 360	8 434,945	110 632,700	13,116	12,646	86	97	1 727	5,131	11,611	2,263	1,793
37	48	96 118	7 863,304	102 197,755	12,997	12,527	87	98	1 086	3,015	6,479	2,149	1,679
38	49	95 857	7 328,925	94 334,451	12,872	12,402	88	99	652	1,693	3,464	2,046	1,576
39	50	95 555	6 827,856	87 005,526	12,743	12,273	89	100	375	0,909	1,771	1,949	1,479
40	51	95 235	6 359,806	80 177,670	12,607	12,137							
41	52	94 880	5 921,595	73 817,864	12,466	11,996							
42	53	94 490	5 511,449	67 896,269	12,319	11,850							
43	54	94 062	5 127,547	62 384,820	12,167	11,697							
44	55	93 594	4 768,289	57 257,273	12,008	11,538							
45	56	93 077	4 431,721	52 488,984	11,844	11,374							
46	57	92 521	4 117,032	48 057,263	11,673	11,203							
47	58	91 923	3 822,837	43 940,231	11,494	11,025							
48	59	91 253	3 546,713	40 117,394	11,311	10,842							
49	60	90 531	3 288,452	36 570,681	11,121	10,651							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß   7,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	12	99 564	99 564,040	1 487 429,823	14,939	14,470	50	62	89 205	3 028,298	32 690,309	10,795	10,325
1	13	99 171	92 683,141	1 387 865,783	14,974	14,505	51	63	88 287	2 801,082	29 662,011	10,589	10,120
2	14	99 130	86 583,658	1 295 182,642	14,959	14,489	52	64	87 278	2 587,893	26 860,929	10,379	9,910
3	15	99 100	80 895,265	1 208 598,983	14,940	14,471	53	65	86 202	2 388,798	24 273,035	10,161	9,692
4	16	99 074	75 583,029	1 127 703,718	14,920	14,451	54	66	85 057	2 202,859	21 884,237	9,934	9,465
5	17	99 046	70 618,097	1 052 120,689	14,899	14,429	55	67	83 807	2 028,495	19 681,378	9,702	9,233
6	18	99 019	65 980,501	981 502,593	14,876	14,406	56	68	82 480	1 865,767	17 652,883	9,461	8,992
7	19	98 986	61 643,421	915 522,091	14,852	14,382	57	69	81 084	1 714,188	15 787,116	9,210	8,740
8	20	98 957	57 594,030	853 878,670	14,826	14,356	58	70	79 577	1 572,277	14 072,928	8,951	8,481
9	21	98 927	53 809,764	796 284,641	14,798	14,329	59	71	77 962	1 439,593	12 500,650	8,683	8,214
10	22	98 899	50 275,026	742 474,876	14,768	14,299	60	72	76 224	1 315,415	11 061,057	8,409	7,939
11	23	98 868	46 971,267	692 199,850	14,737	14,267	61	73	74 339	1 198,971	9 745,642	8,128	7,659
12	24	98 836	43 884,580	645 228,584	14,703	14,233	62	74	72 314	1 090,005	8 546,671	7,841	7,371
13	25	98 806	41 000,772	601 344,004	14,667	14,197	63	75	70 118	987,755	7 456,666	7,549	7,080
14	26	98 773	38 305,801	560 343,232	14,628	14,159	64	76	67 746	891,906	6 468,910	7,253	6,783
15	27	98 735	35 785,969	522 037,431	14,588	14,118	65	77	65 155	801,679	5 577,004	6,957	6,487
16	28	98 691	33 429,894	486 251,462	14,545	14,076	66	78	62 394	717,491	4 775,325	6,656	6,186
17	29	98 640	31 226,879	452 821,568	14,501	14,032	67	79	59 395	638,313	4 057,834	6,357	5,888
18	30	98 578	29 165,742	421 594,689	14,455	13,986	68	80	56 215	564,617	3 419,521	6,056	5,587
19	31	98 503	27 236,867	392 428,947	14,408	13,938	69	81	52 835	495,958	2 854,904	5,756	5,287
20	32	98 425	25 434,893	365 192,080	14,358	13,888	70	82	49 267	432,208	2 358,946	5,458	4,988
21	33	98 337	23 749,720	339 757,187	14,306	13,836	71	83	45 491	372,969	1 926,737	5,166	4,696
22	34	98 248	22 175,894	316 007,467	14,250	13,781	72	84	41 575	318,565	1 553,768	4,877	4,408
23	35	98 154	20 705,323	293 831,573	14,191	13,722	73	85	37 523	268,707	1 235,203	4,597	4,127
24	36	98 064	19 332,960	273 126,250	14,127	13,658	74	86	33 390	223,477	966,496	4,325	3,855
25	37	97 962	18 049,495	253 793,291	14,061	13,591	75	87	29 220	182,766	743,025	4,065	3,596
26	38	97 856	16 850,422	235 743,796	13,990	13,521	76	88	25 080	146,610	560,259	3,821	3,352
27	39	97 745	15 730,146	218 893,374	13,916	13,446	77	89	21 097	115,258	413,650	3,589	3,119
28	40	97 619	14 682,046	203 163,228	13,838	13,368	78	90	17 265	88,151	298,392	3,385	2,916
29	41	97 491	13 703,608	188 481,182	13,754	13,285	79	91	13 822	65,953	210,241	3,188	2,718
30	42	97 349	12 788,431	174 777,574	13,667	13,197	80	92	10 697	47,703	144,288	3,025	2,555
31	43	97 200	11 933,525	161 989,143	13,574	13,105	81	93	8 108	33,795	96,585	2,858	2,388
32	44	97 031	11 133,455	150 055,618	13,478	13,008	82	94	5 960	23,214	62,790	2,705	2,235
33	45	96 851	10 385,772	138 922,163	13,376	12,907	83	95	4 243	15,446	39,576	2,562	2,093
34	46	96 654	9 686,609	128 536,392	13,269	12,800	84	96	2 922	9,940	24,130	2,428	1,958
35	47	96 441	9 032,979	118 849,783	13,157	12,688	85	97	1 937	6,160	14,190	2,304	1,834
36	48	96 203	8 421,153	109 816,804	13,041	12,571	86	98	1 235	3,670	8,030	2,188	1,718
37	49	95 948	7 849,398	101 395,651	12,918	12,448	87	99	754	2,095	4,360	2,081	1,612
38	50	95 660	7 313,845	93 546,253	12,790	12,321	88	100	440	1,141	2,265	1,984	1,515
39	51	95 344	6 812,814	86 232,408	12,657	12,188							
40	52	95 002	6 344,245	79 419,594	12,518	12,049							
41	53	94 619	5 905,338	73 075,348	12,374	11,905							
42	54	94 206	5 494,879	67 170,010	12,224	11,755							
43	55	93 761	5 111,183	61 675,132	12,067	11,597							
44	56	93 263	4 751,394	56 563,948	11,905	11,435							
45	57	92 726	4 415,004	51 812,554	11,736	11,266							
46	58	92 151	4 100,578	47 397,551	11,559	11,089							
47	59	91 517	3 805,969	43 296,972	11,376	10,907							
48	60	90 822	3 529,965	39 491,003	11,187	10,718							
49	61	90 043	3 270,729	35 961,038	10,995	10,525							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß 7,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	13	99 556	99 556,026	1 486 180,926	14,928	14,459	50	63	88 642	3 009,197	32 061,698	10,655	10,185
1	14	99 162	92 674,839	1 386 624,901	14,962	14,493	51	64	87 692	2 782,209	29 052,501	10,442	9,973
2	15	99 119	86 574,274	1 293 950,062	14,946	14,477	52	65	86 636	2 568,874	26 270,293	10,226	9,757
3	16	99 088	80 885,089	1 207 375,788	14,927	14,458	53	66	85 529	2 370,142	23 701,419	10,000	9,530
4	17	99 059	75 571,399	1 126 490,699	14,906	14,437	54	67	84 330	2 184,015	21 331,277	9,767	9,297
5	18	99 030	70 606,764	1 050 919,300	14,884	14,415	55	68	83 042	2 009,970	19 147,262	9,526	9,057
6	19	98 996	65 965,430	980 312,535	14,861	14,391	56	69	81 679	1 847,649	17 137,291	9,275	8,806
7	20	98 965	61 630,690	914 347,105	14,836	14,366	57	70	80 223	1 695,981	15 289,642	9,015	8,546
8	21	98 935	57 581,244	852 716,415	14,809	14,339	58	71	78 654	1 554,031	13 593,661	8,747	8,278
9	22	98 906	53 798,503	795 135,171	14,780	14,310	59	72	76 958	1 421,055	12 039,630	8,472	8,003
10	23	98 876	50 263,748	741 336,669	14,749	14,279	60	73	75 120	1 296,371	10 618,575	8,191	7,721
11	24	98 845	46 960,530	691 072,921	14,716	14,247	61	74	73 131	1 179,474	9 322,204	7,904	7,434
12	25	98 817	43 875,709	644 112,391	14,680	14,211	62	75	70 968	1 069,723	8 142,729	7,612	7,142
13	26	98 784	40 991,753	600 236,682	14,643	14,173	63	76	68 613	966,560	7 073,006	7,318	6,848
14	27	98 749	38 296,735	559 244,929	14,603	14,133	64	77	66 086	870,061	6 106,446	7,018	6,549
15	28	98 708	35 776,355	520 948,194	14,561	14,092	65	78	63 348	779,454	5 236,385	6,718	6,249
16	29	98 666	33 421,440	485 171,839	14,517	14,047	66	79	60 394	694,483	4 456,932	6,418	5,948
17	30	98 612	31 217,920	451 750,398	14,471	14,001	67	80	57 238	615,139	3 762,449	6,116	5,647
18	31	98 550	29 157,487	420 532,479	14,423	13,953	68	81	53 867	541,035	3 147,310	5,817	5,348
19	32	98 473	27 228,641	391 374,992	14,374	13,904	69	82	50 321	472,355	2 606,275	5,518	5,048
20	33	98 390	25 425,877	364 146,351	14,322	13,852	70	83	46 550	408,375	2 133,920	5,225	4,756
21	34	98 301	23 741,036	338 720,474	14,267	13,798	71	84	42 638	349,579	1 725,545	4,936	4,467
22	35	98 206	22 166,474	314 979,438	14,210	13,740	72	85	38 568	295,528	1 375,966	4,656	4,186
23	36	98 115	20 697,087	292 812,964	14,148	13,678	73	86	34 418	246,471	1 080,438	4,384	3,914
24	37	98 017	19 323,772	272 115,876	14,082	13,612	74	87	30 244	202,415	833,967	4,120	3,651
25	38	97 910	18 039,862	252 792,104	14,013	13,543	75	88	26 056	162,974	631,553	3,875	3,406
26	39	97 802	16 841,041	234 752,242	13,939	13,470	76	89	22 013	128,681	468,579	3,641	3,172
27	40	97 680	15 719,739	217 911,201	13,862	13,393	77	90	18 111	98,947	339,898	3,435	2,966
28	41	97 550	14 671,677	202 191,462	13,781	13,312	78	91	14 592	74,506	240,951	3,234	2,764
29	42	97 413	13 692,625	187 519,784	13,695	13,225	79	92	11 366	54,234	166,445	3,069	2,599
30	43	97 262	12 777,048	173 827,160	13,605	13,135	80	93	8 673	38,677	112,211	2,901	2,432
31	44	97 100	11 921,306	161 050,112	13,509	13,040	81	94	6 428	26,791	73,534	2,745	2,275
32	45	96 922	11 120,951	149 128,806	13,410	12,940	82	95	4 613	17,970	46,744	2,601	2,132
33	46	96 728	10 372,590	138 007,855	13,305	12,836	83	96	3 203	11,661	28,773	2,468	1,998
34	47	96 518	9 672,960	127 635,266	13,195	12,726	84	97	2 148	7,309	17,113	2,341	1,872
35	48	96 284	9 018,209	117 962,306	13,080	12,611	85	98	1 386	4,406	9,804	2,225	1,756
36	49	96 033	8 406,261	108 944,097	12,960	12,490	86	99	858	2,550	5,398	2,117	1,647
37	50	95 751	7 833,247	100 537,837	12,835	12,365	87	100	509	1,412	2,848	2,017	1,547
38	51	95 449	7 297,732	92 704,590	12,703	12,234							
39	52	95 111	6 796,144	85 406,857	12,567	12,097							
40	53	94 741	6 326,828	78 610,713	12,425	11,955							
41	54	94 335	5 887,583	72 283,885	12,277	11,808							
42	55	93 905	5 477,343	66 396,302	12,122	11,652							
43	56	93 429	5 093,074	60 918,958	11,961	11,492							
44	57	92 911	4 733,471	55 825,885	11,794	11,324							
45	58	92 355	4 397,359	51 092,414	11,619	11,149							
46	59	91 744	4 082,485	46 695,055	11,438	10,968							
47	60	91 085	3 787,997	42 612,570	11,249	10,780							
48	61	90 333	3 510,941	38 824,572	11,058	10,589							
49	62	89 525	3 251,933	35 313,631	10,859	10,390							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß   7,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$
0	14	99 547	99 547,108	1 484 838,453	14,916	14,446	50	64	88 045	2 988,921	31 395,503	10,504	10,034
1	15	99 151	92 664,794	1 385 291,346	14,949	14,480	51	65	87 048	2 761,761	28 406,582	10,286	9,816
2	16	99 106	86 563,384	1 292 626,552	14,933	14,463	52	66	85 960	2 548,811	25 644,821	10,061	9,592
3	17	99 072	80 872,643	1 206 063,168	14,913	14,444	53	67	84 798	2 349,867	23 096,010	9,829	9,359
4	18	99 043	75 559,272	1 125 190,525	14,891	14,422	54	68	83 559	2 164,070	20 746,143	9,587	9,117
5	19	99 007	70 590,637	1 049 631,253	14,869	14,400	55	69	82 236	1 990,452	18 582,073	9,336	8,866
6	20	98 976	65 951,806	979 040,616	14,845	14,375	56	70	80 812	1 828,024	16 591,620	9,076	8,607
7	21	98 943	61 617,008	913 088,810	14,819	14,349	57	71	79 292	1 676,300	14 763,596	8,807	8,338
8	22	98 915	57 569,193	851 471,802	14,790	14,321	58	72	77 641	1 534,020	13 087,296	8,531	8,062
9	23	98 884	53 786,434	793 902,609	14,760	14,291	59	73	75 844	1 400,482	11 553,276	8,250	7,780
10	24	98 854	50 252,258	740 116,175	14,728	14,259	60	74	73 899	1 275,290	10 152,795	7,961	7,492
11	25	98 825	46 951,038	689 863,917	14,693	14,224	61	75	71 770	1 157,527	8 877,504	7,669	7,200
12	26	98 795	43 866,057	642 912,879	14,656	14,187	62	76	69 446	1 046,769	7 719,977	7,375	6,906
13	27	98 760	40 982,051	599 046,822	14,617	14,148	63	77	66 933	942,887	6 673,208	7,077	6,608
14	28	98 723	38 286,447	558 064,770	14,576	14,107	64	78	64 254	845,940	5 730,322	6,774	6,304
15	29	98 683	35 767,309	519 778,324	14,532	14,063	65	79	61 317	754,458	4 884,382	6,474	6,005
16	30	98 637	33 411,851	484 011,015	14,486	14,017	66	80	58 201	669,269	4 129,924	6,171	5,701
17	31	98 584	31 209,084	450 599,164	14,438	13,969	67	81	54 848	589,447	3 460,656	5,871	5,402
18	32	98 521	29 148,680	419 390,080	14,388	13,918	68	82	51 303	515,287	2 871,208	5,572	5,103
19	33	98 438	27 218,989	390 241,399	14,337	13,868	69	83	47 546	446,308	2 355,921	5,279	4,809
20	34	98 354	25 416,580	363 022,410	14,283	13,813	70	84	43 631	382,765	1 909,614	4,989	4,519
21	35	98 259	23 730,952	337 605,830	14,226	13,757	71	85	39 554	324,299	1 526,849	4,708	4,239
22	36	98 167	22 157,657	313 874,878	14,166	13,696	72	86	35 377	271,072	1 202,550	4,436	3,967
23	37	98 069	20 687,252	291 717,221	14,101	13,632	73	87	31 175	223,247	931,478	4,172	3,703
24	38	97 965	19 313,260	271 029,969	14,033	13,564	74	88	26 969	180,495	708,230	3,924	3,454
25	39	97 856	18 029,819	251 716,510	13,961	13,492	75	89	22 869	143,044	527,736	3,689	3,220
26	40	97 737	16 829,900	233 686,691	13,885	13,416	76	90	18 898	110,471	384,692	3,482	3,013
27	41	97 611	15 708,638	216 856,791	13,805	13,335	77	91	15 308	83,630	274,221	3,279	2,809
28	42	97 471	14 659,918	201 148,153	13,721	13,251	78	92	11 999	61,267	190,591	3,111	2,641
29	43	97 326	13 680,437	186 488,235	13,632	13,162	79	93	9 215	43,972	129,324	2,941	2,472
30	44	97 163	12 763,965	172 807,798	13,539	13,069	80	94	6 875	30,661	85,352	2,784	2,314
31	45	96 991	11 907,916	160 043,833	13,440	12,971	81	95	4 976	20,739	54,691	2,637	2,168
32	46	96 799	11 106,835	148 135,917	13,337	12,868	82	96	3 483	13,567	33,952	2,503	2,033
33	47	96 592	10 357,973	137 029,082	13,229	12,760	83	97	2 355	8,574	20,385	2,378	1,908
34	48	96 360	9 657,143	126 671,108	13,117	12,647	84	98	1 536	5,227	11,811	2,260	1,790
35	49	96 113	9 002,261	117 013,965	12,998	12,529	85	99	963	3,061	6,584	2,151	1,681
36	50	95 835	8 388,964	108 011,704	12,875	12,406	86	100	578	1,719	3,523	2,049	1,580
37	51	95 540	7 815,990	99 622,741	12,746	12,277							
38	52	95 215	7 279,876	91 806,750	12,611	12,142							
39	53	94 850	6 777,487	84 526,874	12,472	12,002							
40	54	94 456	6 307,806	77 749,387	12,326	11,856							
41	55	94 034	5 868,795	71 441,581	12,173	11,704							
42	56	93 572	5 457,936	65 572,786	12,014	11,545							
43	57	93 077	5 073,862	60 114,850	11,848	11,378							
44	58	92 539	4 714,553	55 040,989	11,675	11,205							
45	59	91 948	4 377,956	50 326,436	11,495	11,026							
46	60	91 311	4 063,208	45 948,479	11,308	10,839							
47	61	90 594	3 767,583	41 885,272	11,117	10,648							
48	62	89 814	3 490,765	38 117,689	10,920	10,450							
49	63	88 961	3 231,421	34 626,925	10,716	10,246							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß   7,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	15	99 536	99 536,318	1 483 396,752	14,903	14,434	50	65	87 398	2 966,954	30 690,348	10,344	9,875
1	16	99 139	92 653,138	1 383 860,434	14,936	14,466	51	66	86 368	2 740,192	27 723,394	10,117	9,648
2	17	99 091	86 550,064	1 291 207,297	14,919	14,449	52	67	85 224	2 527,008	24 983,202	9,886	9,417
3	18	99 057	80 859,665	1 204 657,233	14,898	14,429	53	68	84 023	2 328,407	22 456,194	9,644	9,175
4	19	99 020	75 542,013	1 123 797,567	14,876	14,407	54	69	82 748	2 143,056	20 127,786	9,392	8,923
5	20	98 987	70 576,057	1 048 255,554	14,853	14,383	55	70	81 362	1 969,311	17 984,731	9,133	8,663
6	21	98 954	65 937,165	977 679,497	14,827	14,358	56	71	79 874	1 806,811	16 015,420	8,864	8,394
7	22	98 923	61 604,112	911 742,331	14,800	14,331	57	72	78 271	1 654,714	14 208,609	8,587	8,117
8	23	98 892	57 556,279	850 138,219	14,771	14,301	58	73	76 517	1 511,811	12 553,896	8,304	7,834
9	24	98 862	53 774,139	792 581,941	14,739	14,270	59	74	74 611	1 377,708	11 042,085	8,015	7,545
10	25	98 834	50 242,100	738 807,801	14,705	14,235	60	75	72 523	1 251,560	9 664,377	7,722	7,252
11	26	98 803	46 940,709	688 565,701	14,669	14,199	61	76	70 230	1 132,689	8 412,816	7,427	6,958
12	27	98 771	43 855,675	641 624,991	14,630	14,161	62	77	67 745	1 021,130	7 280,127	7,129	6,660
13	28	98 734	40 971,042	597 769,316	14,590	14,121	63	78	65 077	916,746	6 258,997	6,827	6,358
14	29	98 698	38 276,765	556 798,274	14,547	14,077	64	79	62 194	818,812	5 342,251	6,524	6,055
15	30	98 655	35 757,046	518 521,509	14,501	14,032	65	80	59 091	727,067	4 523,439	6,221	5,752
16	31	98 609	33 402,394	482 764,463	14,453	13,983	66	81	55 770	641,316	3 796,372	5,920	5,450
17	32	98 554	31 199,658	449 362,068	14,403	13,933	67	82	52 237	561,395	3 155,056	5,620	5,151
18	33	98 486	29 138,348	418 162,410	14,351	13,881	68	83	48 474	486,872	2 593,661	5,327	4,858
19	34	98 402	27 209,037	389 024,062	14,298	13,828	69	84	44 564	418,319	2 106,789	5,036	4,567
20	35	98 312	25 405,784	361 815,025	14,241	13,772	70	85	40 476	355,085	1 688,470	4,755	4,286
21	36	98 220	23 721,513	336 409,241	14,182	13,712	71	86	36 281	297,462	1 333,385	4,483	4,013
22	37	98 121	22 147,128	312 687,729	14,119	13,649	72	87	32 043	245,531	1 035,923	4,219	3,750
23	38	98 016	20 676,211	290 540,601	14,052	13,582	73	88	27 799	199,072	790,392	3,970	3,501
24	39	97 910	19 302,708	269 864,390	13,981	13,511	74	89	23 671	158,423	591,321	3,733	3,263
25	40	97 791	18 017,892	250 561,682	13,906	13,437	75	90	19 633	122,801	432,898	3,525	3,056
26	41	97 668	16 818,014	232 543,791	13,827	13,358	76	91	15 973	93,370	310,097	3,321	2,852
27	42	97 533	15 696,047	215 725,777	13,744	13,274	77	92	12 588	68,770	216,727	3,151	2,682
28	43	97 385	14 646,869	200 029,730	13,657	13,187	78	93	9 729	49,674	147,957	2,979	2,509
29	44	97 226	13 666,429	185 382,860	13,565	13,095	79	94	7 305	34,859	98,283	2,819	2,350
30	45	97 053	12 749,629	171 716,431	13,468	12,999	80	95	5 322	23,735	63,424	2,672	2,203
31	46	96 868	11 892,802	158 966,802	13,367	12,897	81	96	3 757	15,657	39,689	2,535	2,065
32	47	96 663	11 091,185	147 074,000	13,260	12,791	82	97	2 561	9,976	24,032	2,409	1,940
33	48	96 434	10 341,037	135 982,815	13,150	12,680	83	98	1 685	6,132	14,057	2,292	1,823
34	49	96 190	9 640,065	125 641,778	13,033	12,564	84	99	1 068	3,632	7,925	2,182	1,712
35	50	95 916	8 983,737	116 001,713	12,912	12,443	85	100	649	2,063	4,292	2,080	1,611
36	51	95 624	8 370,483	107 017,975	12,785	12,316							
37	52	95 306	7 796,866	98 647,493	12,652	12,183							
38	53	94 954	7 259,890	90 850,627	12,514	12,045							
39	54	94 565	6 757,110	83 590,736	12,371	11,901							
40	55	94 155	6 287,677	76 833,626	12,220	11,750							
41	56	93 701	5 848,001	70 545,950	12,063	11,594							
42	57	93 219	5 437,348	64 697,949	11,899	11,429							
43	58	92 705	5 053,583	59 260,602	11,726	11,257							
44	59	92 131	4 693,751	54 207,018	11,549	11,079							
45	60	91 514	4 357,283	49 513,267	11,363	10,894							
46	61	90 819	4 041,310	45 155,983	11,174	10,704							
47	62	90 074	3 745,931	41 114,674	10,976	10,506							
48	63	89 247	3 468,746	37 368,742	10,773	10,303							
49	64	88 361	3 209,648	33 899,996	10,562	10,092							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß 7,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	16	99 524	99 523,797	1 481 850,838	14,889	14,420	50	66	86 715	2 943,783	29 945,345	10,172	9,703
1	17	99 124	92 638,881	1 382 327,041	14,922	14,452	51	67	85 629	2 716,752	27 001,562	9,939	9,469
2	18	99 075	86 536,175	1 289 688,160	14,903	14,434	52	68	84 446	2 503,931	24 284,811	9,699	9,229
3	19	99 034	80 841,196	1 203 151,985	14,883	14,413	53	69	83 207	2 305,797	21 780,880	9,446	8,977
4	20	99 000	75 526,411	1 122 310,789	14,860	14,390	54	70	81 869	2 120,293	19 475,083	9,185	8,716
5	21	98 965	70 560,390	1 046 784,378	14,835	14,366	55	71	80 418	1 946,457	17 354,790	8,916	8,447
6	22	98 933	65 923,365	976 223,988	14,808	14,339	56	72	78 845	1 783,544	15 408,332	8,639	8,170
7	23	98 901	61 590,293	910 300,623	14,780	14,310	57	73	77 137	1 630,757	13 624,788	8,355	7,885
8	24	98 870	57 543,122	848 710,330	14,749	14,280	58	74	75 272	1 487,227	11 994,031	8,065	7,595
9	25	98 842	53 763,270	791 167,208	14,716	14,246	59	75	73 222	1 352,072	10 506,804	7,771	7,301
10	26	98 812	50 231,048	737 403,938	14,680	14,211	60	76	70 967	1 224,704	9 154,732	7,475	7,006
11	27	98 780	46 929,600	687 172,890	14,643	14,173	61	77	68 510	1 104,946	7 930,028	7,177	6,707
12	28	98 745	43 843,894	640 243,290	14,603	14,133	62	78	65 867	992,821	6 825,081	6,874	6,405
13	29	98 709	40 960,681	596 399,396	14,560	14,091	63	79	62 990	887,348	5 832,260	6,573	6,103
14	30	98 670	38 265,783	555 438,715	14,515	14,046	64	80	59 936	789,084	4 944,912	6,267	5,797
15	31	98 627	35 746,926	517 172,932	14,468	13,998	65	81	56 623	696,700	4 155,828	5,965	5,496
16	32	98 580	33 392,306	481 426,006	14,417	13,948	66	82	53 116	610,796	3 459,128	5,663	5,194
17	33	98 519	31 188,599	448 033,700	14,365	13,896	67	83	49 357	530,437	2 848,332	5,370	4,900
18	34	98 450	29 127,694	416 845,101	14,311	13,841	68	84	45 434	456,340	2 317,895	5,079	4,610
19	35	98 360	27 197,480	387 717,407	14,256	13,786	69	85	41 342	388,068	1 861,555	4,797	4,327
20	36	98 273	25 395,678	360 519,928	14,196	13,727	70	86	37 126	325,700	1 473,487	4,524	4,055
21	37	98 174	23 710,240	335 124,249	14,134	13,665	71	87	32 863	269,434	1 147,787	4,260	3,790
22	38	98 068	22 135,308	311 414,010	14,069	13,599	72	88	28 573	218,942	878,353	4,012	3,542
23	39	97 962	20 664,700	289 278,701	13,999	13,529	73	89	24 399	174,728	659,411	3,774	3,304
24	40	97 846	19 289,938	268 614,001	13,925	13,456	74	90	20 321	136,003	484,684	3,564	3,094
25	41	97 722	18 005,167	249 324,063	13,847	13,378	75	91	16 594	103,792	348,680	3,359	2,890
26	42	97 590	16 804,534	231 318,896	13,765	13,296	76	92	13 134	76,780	244,889	3,190	2,720
27	43	97 446	15 682,076	214 514,362	13,679	13,209	77	93	10 206	55,757	168,109	3,015	2,546
28	44	97 285	14 631,872	198 832,286	13,589	13,119	78	94	7 713	39,379	112,352	2,853	2,384
29	45	97 117	13 651,080	184 200,414	13,493	13,024	79	95	5 655	26,985	72,973	2,704	2,235
30	46	96 930	12 733,447	170 549,334	13,394	12,924	80	96	4 018	17,919	45,989	2,567	2,097
31	47	96 732	11 876,044	157 815,887	13,289	12,819	81	97	2 762	11,513	28,070	2,438	1,969
32	48	96 505	11 073,049	145 939,843	13,180	12,710	82	98	1 832	7,135	16,557	2,321	1,851
33	49	96 263	10 322,750	134 866,794	13,065	12,595	83	99	1 170	4,261	9,423	2,211	1,742
34	50	95 992	9 620,229	124 544,044	12,946	12,477	84	100	720	2,448	5,162	2,108	1,639
35	51	95 704	8 963,946	114 923,815	12,821	12,351							
36	52	95 390	8 350,002	105 959,869	12,690	12,220							
37	53	95 044	7 775,461	97 609,867	12,554	12,084							
38	54	94 669	7 238,063	89 834,406	12,411	11,942							
39	55	94 263	6 735,546	82 596,343	12,263	11,793							
40	56	93 821	6 265,398	75 860,797	12,108	11,638							
41	57	93 347	5 825,941	69 595,398	11,946	11,476							
42	58	92 847	5 415,617	63 769,458	11,775	11,306							
43	59	92 296	5 031,286	58 353,841	11,598	11,129							
44	60	91 696	4 671,587	53 322,555	11,414	10,945							
45	61	91 020	4 333,801	48 650,968	11,226	10,756							
46	62	90 297	4 018,085	44 317,167	11,029	10,560							
47	63	89 505	3 722,303	40 299,082	10,826	10,357							
48	64	88 646	3 445,374	36 576,779	10,616	10,147							
49	65	87 712	3 186,059	33 131,404	10,399	9,929							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß   7,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	17	99 508	99 508,483	1 480 195,246	14,875	14,406	50	67	85 973	2 918,601	29 159,050	9,991	9,521
1	18	99 108	92 624,015	1 380 686,763	14,906	14,437	51	68	84 847	2 691,941	26 240,449	9,748	9,278
2	19	99 053	86 516,409	1 288 062,748	14,888	14,419	52	69	83 626	2 479,616	23 548,508	9,497	9,027
3	20	99 013	80 824,499	1 201 546,338	14,866	14,397	53	70	82 323	2 281,306	21 068,892	9,235	8,766
4	21	98 978	75 509,645	1 120 721,839	14,842	14,373	54	71	80 919	2 095,688	18 787,586	8,965	8,495
5	22	98 944	70 545,623	1 045 212,195	14,816	14,347	55	72	79 382	1 921,393	16 691,898	8,687	8,218
6	23	98 911	65 908,577	974 666,572	14,788	14,319	56	73	77 704	1 757,722	14 770,505	8,403	7,934
7	24	98 878	61 576,214	908 757,995	14,758	14,289	57	74	75 883	1 604,239	13 012,783	8,111	7,642
8	25	98 850	57 531,491	847 181,781	14,726	14,256	58	75	73 872	1 459,553	11 408,544	7,816	7,347
9	26	98 820	53 751,443	789 650,290	14,691	14,221	59	76	71 651	1 323,060	9 948,991	7,520	7,050
10	27	98 789	50 219,160	735 898,848	14,654	14,184	60	77	69 229	1 194,708	8 625,931	7,220	6,751
11	28	98 753	46 916,993	685 679,687	14,615	14,145	61	78	66 610	1 074,313	7 431,223	6,917	6,448
12	29	98 720	43 832,807	638 762,695	14,573	14,103	62	79	63 754	960,983	6 356,910	6,615	6,145
13	30	98 681	40 948,929	594 929,888	14,529	14,059	63	80	60 703	855,132	5 395,927	6,310	5,841
14	31	98 642	38 254,953	553 980,959	14,481	14,012	64	81	57 432	756,128	4 540,795	6,005	5,536
15	32	98 597	35 736,129	515 726,007	14,432	13,962	65	82	53 928	663,544	3 784,668	5,704	5,234
16	33	98 545	33 380,469	479 989,877	14,379	13,910	66	83	50 187	577,114	3 121,124	5,408	4,939
17	34	98 483	31 177,195	446 609,408	14,325	13,855	67	84	46 262	497,173	2 544,010	5,117	4,647
18	35	98 408	29 115,321	415 432,213	14,269	13,799	68	85	42 149	423,339	2 046,837	4,835	4,365
19	36	98 321	27 186,662	386 316,892	14,210	13,740	69	86	37 920	355,954	1 623,498	4,561	4,091
20	37	98 227	25 383,610	359 130,230	14,148	13,679	70	87	33 628	295,012	1 267,544	4,297	3,827
21	38	98 121	23 697,586	333 746,620	14,084	13,614	71	88	29 304	240,257	972,533	4,048	3,578
22	39	98 014	22 122,985	310 049,034	14,015	13,545	72	89	25 079	192,168	732,276	3,811	3,341
23	40	97 897	20 651,030	287 926,049	13,942	13,473	73	90	20 946	150,001	540,108	3,601	3,131
24	41	97 777	19 276,315	267 275,019	13,865	13,396	74	91	17 176	114,950	390,107	3,394	2,924
25	42	97 644	17 990,736	247 998,705	13,785	13,315	75	92	13 645	85,349	275,157	3,224	2,754
26	43	97 503	16 789,577	230 007,969	13,699	13,230	76	93	10 649	62,251	189,807	3,049	2,580
27	44	97 347	15 666,019	213 218,392	13,610	13,141	77	94	8 091	44,201	127,556	2,886	2,416
28	45	97 176	14 615,438	197 552,373	13,517	13,047	78	95	5 970	30,484	83,355	2,734	2,265
29	46	96 994	13 633,753	182 936,935	13,418	12,948	79	96	4 269	20,372	52,871	2,595	2,126
30	47	96 794	12 715,504	169 303,182	13,315	12,845	80	97	2 954	13,175	32,499	2,467	1,997
31	48	96 574	11 856,625	156 587,678	13,207	12,737	81	98	1 976	8,234	19,324	2,347	1,877
32	49	96 334	11 053,467	144 731,052	13,094	12,624	82	99	1 273	4,957	11,090	2,237	1,768
33	50	96 065	10 301,509	133 677,585	12,977	12,507	83	100	789	2,872	6,133	2,135	1,666
34	51	95 780	9 599,036	123 376,076	12,853	12,383							
35	52	95 470	8 942,013	113 777,040	12,724	12,254							
36	53	95 128	8 327,078	104 835,027	12,590	12,120							
37	54	94 759	7 752,084	96 507,949	12,449	11,980							
38	55	94 366	7 214,965	88 755,865	12,302	11,832							
39	56	93 929	6 711,681	81 540,900	12,149	11,680							
40	57	93 467	6 241,764	74 829,219	11,988	11,519							
41	58	92 974	5 802,657	68 587,455	11,820	11,350							
42	59	92 437	5 391,722	62 784,798	11,645	11,175							
43	60	91 860	5 007,528	57 393,076	11,461	10,992							
44	61	91 202	4 646,410	52 385,549	11,274	10,805							
45	62	90 497	4 308,895	47 739,139	11,079	10,610							
46	63	89 727	3 992,741	43 430,243	10,877	10,408							
47	64	88 902	3 697,223	39 437,502	10,667	10,197							
48	65	87 994	3 420,053	35 740,279	10,450	9,981							
49	66	87 027	3 161,177	32 320,227	10,224	9,755							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß   7,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	18	99 493	99 492,515	1 478 425,291	14,860	14,390	50	68	85 188	2 891,947	28 330,804	9,796	9,327
1	19	99 085	92 602,859	1 378 932,776	14,891	14,421	51	69	84 023	2 665,801	25 438,856	9,543	9,073
2	20	99 032	86 498,540	1 286 329,917	14,871	14,402	52	70	82 738	2 453,279	22 773,056	9,283	8,813
3	21	98 992	80 806,557	1 199 831,377	14,848	14,379	53	71	81 368	2 254,832	20 319,777	9,012	8,542
4	22	98 957	75 493,841	1 119 024,820	14,823	14,353	54	72	79 877	2 068,701	18 064,945	8,733	8,263
5	23	98 922	70 529,797	1 043 530,978	14,796	14,326	55	73	78 233	1 893,575	15 996,244	8,448	7,978
6	24	98 888	65 893,511	973 001,181	14,766	14,297	56	74	76 440	1 729,140	14 102,668	8,156	7,686
7	25	98 858	61 563,767	907 107,670	14,734	14,265	57	75	74 471	1 574,388	12 373,529	7,859	7,390
8	26	98 828	57 518,835	845 543,903	14,700	14,231	58	76	72 287	1 428,234	10 799,141	7,561	7,092
9	27	98 796	53 738,722	788 025,068	14,664	14,194	59	77	69 896	1 290,654	9 370,906	7,261	6,791
10	28	98 762	50 205,669	734 286,346	14,626	14,156	60	78	67 310	1 161,586	8 080,252	6,956	6,487
11	29	98 728	46 905,129	684 080,677	14,584	14,115	61	79	64 474	1 039,862	6 918,666	6,653	6,184
12	30	98 692	43 820,230	637 175,549	14,541	14,071	62	80	61 440	926,094	5 878,804	6,348	5,878
13	31	98 653	40 937,339	593 355,318	14,494	14,025	63	81	58 168	819,417	4 952,711	6,044	5,575
14	32	98 612	38 243,399	552 417,979	14,445	13,975	64	82	54 699	720,143	4 133,294	5,740	5,270
15	33	98 562	35 723,462	514 174,581	14,393	13,924	65	83	50 954	626,953	3 413,151	5,444	4,975
16	34	98 509	33 368,264	478 451,119	14,339	13,869	66	84	47 040	540,922	2 786,197	5,151	4,681
17	35	98 441	31 163,952	445 082,855	14,282	13,812	67	85	42 916	461,219	2 245,275	4,868	4,399
18	36	98 369	29 103,741	413 918,903	14,222	13,753	68	86	38 661	388,306	1 784,056	4,594	4,125
19	37	98 275	27 173,742	384 815,162	14,161	13,692	69	87	34 348	322,415	1 395,750	4,329	3,860
20	38	98 174	25 370,063	357 641,420	14,097	13,627	70	88	29 987	263,064	1 073,335	4,080	3,611
21	39	98 067	23 684,393	332 271,357	14,029	13,560	71	89	25 720	210,877	810,271	3,842	3,373
22	40	97 949	22 108,350	308 586,964	13,958	13,488	72	90	21 530	164,973	599,394	3,633	3,164
23	41	97 828	20 636,445	286 478,614	13,882	13,413	73	91	17 704	126,781	434,421	3,427	2,957
24	42	97 698	19 260,865	265 842,169	13,802	13,333	74	92	14 124	94,525	307,640	3,255	2,785
25	43	97 557	17 974,722	246 581,304	13,718	13,249	75	93	11 063	69,199	213,115	3,080	2,610
26	44	97 403	16 772,385	228 606,581	13,630	13,160	76	94	8 442	49,349	143,916	2,916	2,447
27	45	97 237	15 648,423	211 834,196	13,537	13,068	77	95	6 263	34,217	94,567	2,764	2,294
28	46	97 052	14 596,888	196 185,773	13,440	12,971	78	96	4 507	23,014	60,349	2,622	2,153
29	47	96 857	13 614,542	181 588,885	13,338	12,868	79	97	3 139	14,979	37,336	2,492	2,023
30	48	96 635	12 694,712	167 974,343	13,232	12,762	80	98	2 113	9,423	22,357	2,372	1,903
31	49	96 403	11 835,658	155 279,631	13,120	12,650	81	99	1 373	5,721	12,933	2,261	1,791
32	50	96 136	11 030,723	143 443,973	13,004	12,535	82	100	858	3,342	7,212	2,158	1,689
33	51	95 853	10 278,815	132 413,249	12,882	12,413							
34	52	95 546	9 575,549	122 134,435	12,755	12,285							
35	53	95 208	8 917,464	112 558,886	12,622	12,153							
36	54	94 842	8 302,042	103 641,422	12,484	12,014							
37	55	94 456	7 727,345	95 339,379	12,338	11,868							
38	56	94 032	7 189,401	87 612,034	12,186	11,717							
39	57	93 574	6 686,363	80 422,633	12,028	11,558							
40	58	93 093	6 216,818	73 736,270	11,861	11,391							
41	59	92 564	5 777,054	67 519,452	11,688	11,218							
42	60	92 001	5 366,262	61 742,398	11,506	11,036							
43	61	91 365	4 980,540	56 376,136	11,319	10,850							
44	62	90 678	4 619,709	51 395,595	11,125	10,656							
45	63	89 927	4 281,716	46 775,887	10,925	10,455							
46	64	89 123	3 965,838	42 494,170	10,715	10,246							
47	65	88 249	3 670,051	38 528,332	10,498	10,029							
48	66	87 307	3 393,342	34 858,281	10,273	9,803							
49	67	86 283	3 134,135	31 464,939	10,039	9,570							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß   7,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	19	99 470	99 469,790	1 476 533,663	14,844	14,375	50	69	84 361	2 863,865	27 459,344	9,588	9,119
1	20	99 065	92 583,733	1 377 063,874	14,874	14,404	51	70	83 131	2 637,486	24 595,480	9,325	8,856
2	21	99 010	86 479,338	1 284 480,141	14,853	14,384	52	71	81 778	2 424,809	21 957,994	9,056	8,586
3	22	98 971	80 789,645	1 198 000,803	14,829	14,359	53	72	80 320	2 225,796	19 533,185	8,776	8,306
4	23	98 935	75 476,906	1 117 211,158	14,802	14,333	54	73	78 721	2 038,751	17 307,388	8,489	8,020
5	24	98 899	70 513,675	1 041 734,252	14,774	14,304	55	74	76 961	1 862,783	15 268,637	8,197	7,727
6	25	98 868	65 880,192	971 220,577	14,742	14,273	56	75	75 018	1 696,965	13 405,854	7,900	7,430
7	26	98 836	61 550,225	905 340,385	14,709	14,239	57	76	72 873	1 540,605	11 708,889	7,600	7,131
8	27	98 805	57 505,222	843 790,160	14,673	14,204	58	77	70 516	1 393,253	10 168,284	7,298	6,829
9	28	98 770	53 724,285	786 284,938	14,636	14,166	59	78	67 958	1 254,873	8 775,031	6,993	6,523
10	29	98 737	50 192,973	732 560,653	14,595	14,125	60	79	65 151	1 124,336	7 520,159	6,689	6,219
11	30	98 700	46 891,671	682 367,680	14,552	14,082	61	80	62 133	1 002,109	6 395,823	6,382	5,913
12	31	98 664	43 807,828	635 476,009	14,506	14,036	62	81	58 874	887,415	5 393,714	6,078	5,608
13	32	98 623	40 924,975	591 668,182	14,457	13,988	63	82	55 400	780,420	4 506,299	5,774	5,305
14	33	98 577	38 229,842	550 743,207	14,406	13,937	64	83	51 683	680,431	3 725,879	5,476	5,006
15	34	98 526	35 710,400	512 513,364	14,352	13,882	65	84	47 759	587,636	3 045,448	5,183	4,713
16	35	98 467	33 354,090	476 802,964	14,295	13,826	66	85	43 638	501,805	2 457,812	4,898	4,428
17	36	98 402	31 151,556	443 448,874	14,235	13,766	67	86	39 365	423,051	1 956,006	4,624	4,154
18	37	98 322	29 089,910	412 297,318	14,173	13,704	68	87	35 018	351,719	1 532,955	4,358	3,889
19	38	98 222	27 159,240	383 207,408	14,110	13,640	69	88	30 628	287,500	1 181,237	4,109	3,639
20	39	98 119	25 355,939	356 048,168	14,042	13,572	70	89	26 320	230,895	893,737	3,871	3,401
21	40	98 002	23 668,725	330 692,229	13,972	13,502	71	90	22 080	181,034	662,842	3,661	3,192
22	41	97 880	22 092,736	307 023,504	13,897	13,428	72	91	18 197	139,436	481,808	3,455	2,986
23	42	97 749	20 619,905	284 930,768	13,818	13,349	73	92	14 558	104,254	342,372	3,284	2,815
24	43	97 611	19 243,721	264 310,862	13,735	13,265	74	93	11 451	76,639	238,118	3,107	2,638
25	44	97 457	17 956,317	245 067,141	13,648	13,178	75	94	8 770	54,857	161,479	2,944	2,474
26	45	97 294	16 753,547	227 110,824	13,556	13,086	76	95	6 535	38,202	106,622	2,791	2,321
27	46	97 114	15 628,562	210 357,276	13,460	12,990	77	96	4 728	25,832	68,420	2,649	2,179
28	47	96 916	14 576,319	194 728,714	13,359	12,890	78	97	3 314	16,922	42,588	2,517	2,047
29	48	96 699	13 592,281	180 152,396	13,254	12,785	79	98	2 245	10,714	25,666	2,396	1,926
30	49	96 464	12 672,263	166 560,115	13,144	12,674	80	99	1 468	6,548	14,952	2,284	1,814
31	50	96 204	11 811,304	153 887,852	13,029	12,559	81	100	925	3,857	8,405	2,179	1,710
32	51	95 924	11 006,423	142 076,548	12,909	12,439							
33	52	95 619	10 253,665	131 070,125	12,783	12,313							
34	53	95 284	9 549,261	120 816,461	12,652	12,182							
35	54	94 922	8 890,653	111 267,200	12,515	12,046							
36	55	94 539	8 275,549	102 376,547	12,371	11,901							
37	56	94 121	7 699,966	94 100,998	12,221	11,751							
38	57	93 677	7 162,281	86 401,033	12,063	11,594							
39	58	93 200	6 659,641	79 238,751	11,898	11,429							
40	59	92 683	6 189,388	72 579,110	11,726	11,257							
41	60	92 127	5 749,775	66 389,723	11,546	11,077							
42	61	91 505	5 337,341	60 639,948	11,361	10,892							
43	62	90 840	4 951,919	55 302,607	11,168	10,698							
44	63	90 106	4 590,569	50 350,688	10,968	10,499							
45	64	89 321	4 252,867	45 760,119	10,760	10,290							
46	65	88 468	3 936,692	41 507,252	10,544	10,074							
47	66	87 560	3 641,388	37 570,561	10,318	9,848							
48	67	86 560	3 364,315	33 929,173	10,085	9,616							
49	68	85 495	3 105,513	30 564,858	9,842	9,373							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß   7,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	20	99 449	99 449,245	1 474 519,121	14,827	14,357	50	70	83 465	2 833,446	26 543,292	9,368	8,898
1	21	99 043	92 563,180	1 375 069,876	14,855	14,386	51	71	82 166	2 606,879	23 709,846	9,095	8,626
2	22	98 989	86 461,239	1 282 506,696	14,833	14,364	52	72	80 724	2 393,584	21 102,967	8,816	8,347
3	23	98 949	80 771,521	1 196 045,457	14,808	14,338	53	73	79 157	2 193,572	18 709,383	8,529	8,060
4	24	98 912	75 459,653	1 115 273,935	14,780	14,310	54	74	77 440	2 005,599	16 515,811	8,235	7,765
5	25	98 879	70 499,422	1 039 814,282	14,749	14,280	55	75	75 529	1 828,122	14 510,212	7,937	7,468
6	26	98 847	65 865,700	969 314,860	14,717	14,247	56	76	73 408	1 660,551	12 682,091	7,637	7,168
7	27	98 813	61 535,658	903 449,161	14,682	14,212	57	77	71 088	1 502,871	11 021,539	7,334	6,864
8	28	98 778	57 489,773	841 913,503	14,645	14,175	58	78	68 561	1 354,627	9 518,668	7,027	6,557
9	29	98 745	53 710,699	784 423,730	14,605	14,135	59	79	65 779	1 214,631	8 164,042	6,721	6,252
10	30	98 709	50 178,572	730 713,030	14,562	14,093	60	80	62 786	1 083,516	6 949,411	6,414	5,944
11	31	98 672	46 878,399	680 534,458	14,517	14,048	61	81	59 538	960,255	5 865,895	6,109	5,639
12	32	98 634	43 794,597	633 656,060	14,469	13,999	62	82	56 072	845,182	4 905,639	5,804	5,335
13	33	98 588	40 910,468	589 861,463	14,418	13,949	63	83	52 345	737,385	4 060,457	5,507	5,037
14	34	98 541	38 215,864	548 950,995	14,364	13,895	64	84	48 442	637,760	3 323,073	5,211	4,741
15	35	98 484	35 695,231	510 735,131	14,308	13,839	65	85	44 305	545,141	2 685,312	4,926	4,456
16	36	98 428	33 340,823	475 039,899	14,248	13,778	66	86	40 027	460,278	2 140,171	4,650	4,180
17	37	98 355	31 136,752	441 699,076	14,186	13,716	67	87	35 656	383,190	1 679,893	4,384	3,914
18	38	98 269	29 074,385	410 562,323	14,121	13,652	68	88	31 226	313,630	1 296,703	4,134	3,665
19	39	98 167	27 144,120	381 487,938	14,054	13,585	69	89	26 883	252,342	983,072	3,896	3,426
20	40	98 055	25 339,165	354 343,818	13,984	13,515	70	90	22 595	198,219	730,730	3,686	3,217
21	41	97 933	23 652,009	329 004,653	13,910	13,441	71	91	18 663	153,011	532,511	3,480	3,011
22	42	97 801	22 075,029	305 352,644	13,832	13,363	72	92	14 964	114,660	379,500	3,310	2,840
23	43	97 662	20 601,552	283 277,615	13,750	13,281	73	93	11 803	84,526	264,840	3,133	2,664
24	44	97 511	19 224,017	262 676,063	13,664	13,194	74	94	9 078	60,755	180,313	2,968	2,498
25	45	97 347	17 936,150	243 452,046	13,573	13,104	75	95	6 789	42,466	119,558	2,815	2,346
26	46	97 170	16 732,283	225 515,897	13,478	13,008	76	96	4 934	28,841	77,092	2,673	2,204
27	47	96 977	15 606,540	208 783,613	13,378	12,908	77	97	3 477	18,994	48,252	2,540	2,071
28	48	96 757	14 552,485	193 177,074	13,275	12,805	78	98	2 370	12,103	29,258	2,417	1,948
29	49	96 528	13 568,244	178 624,589	13,165	12,695	79	99	1 560	7,444	17,155	2,305	1,835
30	50	96 266	12 646,188	165 056,345	13,052	12,582	80	100	990	4,414	9,711	2,200	1,731
31	51	95 992	11 785,284	152 410,158	12,932	12,463							
32	52	95 689	10 979,492	140 624,874	12,808	12,338							
33	53	95 356	10 225,514	129 645,381	12,679	12,209							
34	54	94 997	9 520,551	119 419,867	12,543	12,074							
35	55	94 619	8 862,281	109 899,316	12,401	11,931							
36	56	94 204	8 246,227	101 037,035	12,253	11,783							
37	57	93 766	7 670,920	92 790,808	12,096	11,627							
38	58	93 303	7 133,657	85 119,888	11,932	11,463							
39	59	92 789	6 630,256	77 986,232	11,762	11,293							
40	60	92 245	6 160,161	71 355,975	11,583	11,114							
41	61	91 630	5 718,787	65 195,814	11,400	10,931							
42	62	90 979	5 306,669	59 477,027	11,208	10,738							
43	63	90 267	4 920,684	54 170,358	11,009	10,539							
44	64	89 499	4 559,639	49 249,674	10,801	10,332							
45	65	88 664	4 221,611	44 690,036	10,586	10,117							
46	66	87 777	3 905,947	40 468,425	10,361	9,891							
47	67	86 811	3 610,239	36 562,478	10,127	9,658							
48	68	85 770	3 333,591	32 952,240	9,885	9,415							
49	69	84 664	3 075,357	29 618,649	9,631	9,161							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß   7,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	21	99 427	99 427,169	1 472 370,766	14,809	14,339	50	71	82 496	2 800,565	25 582,157	9,135	8,665
1	22	99 022	92 543,807	1 372 943,597	14,836	14,366	51	72	81 108	2 573,310	22 781,593	8,853	8,384
2	23	98 967	86 441,843	1 280 399,790	14,812	14,343	52	73	79 556	2 358,931	20 208,283	8,567	8,097
3	24	98 926	80 753,058	1 193 957,946	14,785	14,316	53	74	77 870	2 157,902	17 849,353	8,272	7,802
4	25	98 892	75 444,400	1 113 204,888	14,755	14,286	54	75	76 000	1 968,279	15 691,451	7,972	7,503
5	26	98 857	70 483,913	1 037 760,488	14,723	14,254	55	76	73 908	1 788,894	13 723,171	7,671	7,202
6	27	98 823	65 850,111	967 276,575	14,689	14,220	56	77	71 610	1 619,880	11 934,278	7,367	6,898
7	28	98 786	61 519,126	901 426,463	14,653	14,183	57	78	69 117	1 461,206	10 314,398	7,059	6,589
8	29	98 753	57 475,236	839 907,337	14,613	14,144	58	79	66 363	1 311,186	8 853,192	6,752	6,283
9	30	98 717	53 695,289	782 432,101	14,572	14,102	59	80	63 391	1 170,533	7 542,006	6,443	5,974
10	31	98 681	50 164,370	728 736,812	14,527	14,057	60	81	60 164	1 038,262	6 371,473	6,137	5,667
11	32	98 642	46 864,240	678 572,442	14,480	14,010	61	82	56 705	914,556	5 333,211	5,831	5,362
12	33	98 599	43 779,073	631 708,202	14,429	13,960	62	83	52 980	798,575	4 418,655	5,533	5,064
13	34	98 552	40 895,510	587 929,129	14,376	13,907	63	84	49 062	691,142	3 620,079	5,238	4,768
14	35	98 499	38 199,631	547 033,620	14,320	13,851	64	85	44 939	591,640	2 928,937	4,951	4,481
15	36	98 445	35 681,033	508 833,989	14,261	13,791	65	86	40 639	500,028	2 337,297	4,674	4,205
16	37	98 381	33 324,979	473 152,955	14,198	13,729	66	87	36 255	416,910	1 837,269	4,407	3,937
17	38	98 303	31 120,135	439 827,976	14,133	13,664	67	88	31 794	341,694	1 420,359	4,157	3,687
18	39	98 215	29 058,199	408 707,841	14,065	13,596	68	89	27 407	275,277	1 078,665	3,918	3,449
19	40	98 103	27 126,163	379 649,641	13,996	13,526	69	90	23 078	216,632	803,388	3,709	3,239
20	41	97 985	25 321,270	352 523,479	13,922	13,453	70	91	19 097	167,536	586,756	3,502	3,033
21	42	97 854	23 633,052	327 202,209	13,845	13,376	71	92	15 346	125,823	419,220	3,332	2,862
22	43	97 714	22 055,380	303 569,156	13,764	13,294	72	93	12 132	92,963	293,398	3,156	2,687
23	44	97 562	20 580,457	281 513,776	13,679	13,209	73	94	9 357	67,008	200,434	2,991	2,522
24	45	97 402	19 202,425	260 933,319	13,589	13,119	74	95	7 027	47,032	133,426	2,837	2,367
25	46	97 224	17 913,385	241 730,894	13,494	13,025	75	96	5 126	32,060	86,395	2,695	2,225
26	47	97 033	16 708,706	223 817,509	13,395	12,926	76	97	3 628	21,206	54,335	2,562	2,093
27	48	96 818	15 581,021	207 108,804	13,292	12,823	77	98	2 487	13,585	33,129	2,439	1,969
28	49	96 586	14 526,750	191 527,783	13,184	12,715	78	99	1 647	8,409	19,543	2,324	1,855
29	50	96 329	13 540,325	177 001,033	13,072	12,603	79	100	1 052	5,018	11,134	2,219	1,749
30	51	96 054	12 618,328	163 460,708	12,954	12,485							
31	52	95 758	11 756,448	150 842,380	12,831	12,361							
32	53	95 427	10 949,349	139 085,932	12,703	12,233							
33	54	95 070	10 194,771	128 136,583	12,569	12,099							
34	55	94 694	9 490,168	117 941,812	12,428	11,958							
35	56	94 284	8 830,881	108 451,643	12,281	11,811							
36	57	93 849	8 215,120	99 620,763	12,127	11,657							
37	58	93 392	7 640,262	91 405,642	11,964	11,494							
38	59	92 891	7 102,181	83 765,380	11,794	11,325							
39	60	92 351	6 598,948	76 663,199	11,617	11,148							
40	61	91 748	6 126,962	70 064,250	11,435	10,966							
41	62	91 104	5 685,923	63 937,288	11,245	10,775							
42	63	90 405	5 273,196	58 251,366	11,047	10,577							
43	64	89 659	4 887,529	52 978,169	10,839	10,370							
44	65	88 841	4 526,128	48 090,640	10,625	10,156							
45	66	87 972	4 188,641	43 564,512	10,401	9,931							
46	67	87 026	3 872,534	39 375,872	10,168	9,698							
47	68	86 018	3 577,269	35 503,338	9,925	9,455							
48	69	84 937	3 301,220	31 926,069	9,671	9,201							
49	70	83 765	3 042,692	28 624,849	9,408	8,938							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß   7,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	22	99 406	99 406,360	1 470 080,930	14,789	14,319	50	72	81 434	2 764,501	24 575,572	8,890	8,420
1	23	99 000	92 523,047	1 370 674,570	14,814	14,345	51	73	79 934	2 536,054	21 811,070	8,600	8,131
2	24	98 945	86 422,084	1 278 151,523	14,790	14,320	52	74	78 262	2 320,572	19 275,016	8,306	7,837
3	25	98 906	80 736,735	1 191 729,439	14,761	14,291	53	75	76 421	2 117,748	16 954,445	8,006	7,536
4	26	98 870	75 427,804	1 110 992,703	14,729	14,260	54	76	74 369	1 926,044	14 836,696	7,703	7,234
5	27	98 834	70 467,232	1 035 564,900	14,696	14,226	55	77	72 098	1 745,079	12 910,652	7,398	6,929
6	28	98 797	65 832,421	965 097,667	14,660	14,190	56	78	69 625	1 574,971	11 165,573	7,089	6,620
7	29	98 761	61 503,570	899 265,247	14,621	14,152	57	79	66 901	1 414,348	9 590,603	6,781	6,311
8	30	98 725	57 458,745	837 761,677	14,580	14,111	58	80	63 953	1 263,582	8 176,255	6,471	6,001
9	31	98 689	53 680,091	780 302,932	14,536	14,067	59	81	60 743	1 121,645	6 912,673	6,163	5,693
10	32	98 651	50 149,219	726 622,840	14,489	14,020	60	82	57 300	988,851	5 791,028	5,856	5,387
11	33	98 607	46 847,628	676 473,621	14,440	13,970	61	83	53 578	864,124	4 802,177	5,557	5,088
12	34	98 563	43 763,066	629 625,993	14,387	13,918	62	84	49 657	748,495	3 938,053	5,261	4,792
13	35	98 510	40 878,138	585 862,928	14,332	13,862	63	85	45 514	641,162	3 189,558	4,975	4,505
14	36	98 460	38 184,437	544 984,789	14,272	13,803	64	86	41 220	542,679	2 548,396	4,696	4,226
15	37	98 398	35 664,077	506 800,352	14,210	13,741	65	87	36 810	452,914	2 005,717	4,428	3,959
16	38	98 328	33 307,194	471 136,275	14,145	13,676	66	88	32 329	371,762	1 552,803	4,177	3,707
17	39	98 248	31 102,810	437 829,081	14,077	13,607	67	89	27 906	299,909	1 181,041	3,938	3,468
18	40	98 150	29 038,976	406 726,271	14,006	13,537	68	90	23 529	236,321	881,132	3,729	3,259
19	41	98 033	27 107,006	377 687,295	13,933	13,464	69	91	19 506	183,098	644,811	3,522	3,052
20	42	97 907	25 300,975	350 580,289	13,856	13,387	70	92	15 704	137,767	461,713	3,351	2,882
21	43	97 767	23 612,017	325 279,314	13,776	13,306	71	93	12 442	102,014	323,946	3,176	2,706
22	44	97 614	22 032,797	301 667,297	13,692	13,222	72	94	9 618	73,696	221,932	3,011	2,542
23	45	97 453	20 557,342	279 634,501	13,603	13,133	73	95	7 244	51,872	148,236	2,858	2,388
24	46	97 278	19 178,053	259 077,159	13,509	13,040	74	96	5 305	35,506	96,364	2,714	2,244
25	47	97 087	17 888,143	239 899,106	13,411	12,942	75	97	3 769	23,573	60,857	2,582	2,112
26	48	96 875	16 681,385	222 010,963	13,309	12,839	76	98	2 595	15,167	37,284	2,458	1,989
27	49	96 647	15 553,467	205 329,578	13,202	12,732	77	99	1 728	9,439	22,117	2,343	1,874
28	50	96 387	14 496,859	189 776,111	13,091	12,621	78	100	1 110	5,669	12,678	2,236	1,767
29	51	96 117	13 510,496	175 279,252	12,974	12,504							
30	52	95 819	12 587,454	161 768,756	12,852	12,382							
31	53	95 495	11 724,172	149 181,303	12,724	12,255							
32	54	95 140	10 916,430	137 457,131	12,592	12,122							
33	55	94 766	10 162,237	126 540,701	12,452	11,983							
34	56	94 358	9 456,543	116 378,464	12,307	11,837							
35	57	93 928	8 797,569	106 921,921	12,154	11,684							
36	58	93 474	8 182,288	98 124,352	11,992	11,523							
37	59	92 980	7 606,551	89 942,064	11,824	11,355							
38	60	92 453	7 068,644	82 335,512	11,648	11,178							
39	61	91 853	6 563,384	75 266,868	11,468	10,998							
40	62	91 221	6 091,752	68 703,484	11,278	10,809							
41	63	90 529	5 650,058	62 611,732	11,082	10,612							
42	64	89 796	5 237,666	56 961,674	10,875	10,406							
43	65	89 000	4 851,608	51 724,008	10,661	10,192							
44	66	88 147	4 490,779	46 872,399	10,437	9,968							
45	67	87 219	4 152,810	42 381,620	10,206	9,736							
46	68	86 231	3 837,169	38 228,810	9,963	9,493							
47	69	85 183	3 542,531	34 391,641	9,708	9,239							
48	70	84 035	3 266,156	30 849,110	9,445	8,976							
49	71	82 793	3 007,382	27 582,954	9,172	8,702							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß   7,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	23	99 384	99 384,060	1 467 638,411	14,767	14,298	50	73	80 255	2 724,478	23 523,928	8,634	8,165
1	24	98 977	92 501,898	1 368 254,352	14,792	14,322	51	74	78 634	2 494,815	20 799,450	8,337	7,868
2	25	98 925	86 404,615	1 275 752,454	14,765	14,295	52	75	76 806	2 277,391	18 304,636	8,038	7,568
3	26	98 884	80 718,975	1 189 347,838	14,734	14,265	53	76	74 781	2 072,306	16 027,244	7,734	7,265
4	27	98 847	75 409,953	1 108 628,864	14,701	14,232	54	77	72 547	1 878,870	13 954,938	7,427	6,958
5	28	98 807	70 448,301	1 033 218,911	14,666	14,197	55	78	70 099	1 696,699	12 076,069	7,117	6,648
6	29	98 772	65 815,774	962 770,610	14,628	14,159	56	79	67 392	1 524,464	10 379,370	6,809	6,339
7	30	98 733	61 485,923	896 954,836	14,588	14,118	57	80	64 472	1 362,998	8 854,906	6,497	6,027
8	31	98 697	57 442,482	835 468,913	14,544	14,075	58	81	61 282	1 210,808	7 491,907	6,188	5,718
9	32	98 659	53 663,879	778 026,430	14,498	14,029	59	82	57 852	1 068,265	6 281,099	5,880	5,410
10	33	98 616	50 131,442	724 362,552	14,449	13,980	60	83	54 141	934,322	5 212,834	5,579	5,110
11	34	98 571	46 830,499	674 231,109	14,397	13,928	61	84	50 218	809,933	4 278,512	5,283	4,813
12	35	98 521	43 744,476	627 400,610	14,342	13,873	62	85	46 066	694,367	3 468,579	4,995	4,526
13	36	98 471	40 861,879	583 656,134	14,284	13,814	63	86	41 748	588,103	2 774,212	4,717	4,248
14	37	98 413	38 166,291	542 794,255	14,222	13,752	64	87	37 336	491,547	2 186,109	4,447	3,978
15	38	98 346	35 645,044	504 627,964	14,157	13,688	65	88	32 823	403,867	1 694,563	4,196	3,726
16	39	98 274	33 288,652	468 982,920	14,088	13,619	66	89	28 376	326,300	1 290,696	3,956	3,486
17	40	98 183	31 082,234	435 694,269	14,017	13,548	67	90	23 957	257,467	964,395	3,746	3,276
18	41	98 080	29 018,468	404 612,034	13,943	13,474	68	91	19 887	199,740	706,928	3,539	3,070
19	42	97 955	27 085,279	375 593,567	13,867	13,398	69	92	16 040	150,564	507,189	3,369	2,899
20	43	97 820	25 278,455	348 508,287	13,787	13,317	70	93	12 732	111,698	356,625	3,193	2,723
21	44	97 667	23 587,840	323 229,832	13,703	13,234	71	94	9 864	80,871	244,927	3,029	2,559
22	45	97 505	22 008,051	299 641,993	13,615	13,146	72	95	7 445	57,050	164,056	2,876	2,406
23	46	97 329	20 531,250	277 633,942	13,523	13,053	73	96	5 468	39,161	107,006	2,732	2,263
24	47	97 141	19 151,029	257 102,692	13,425	12,955	74	97	3 901	26,108	67,845	2,599	2,129
25	48	96 928	17 858,893	237 951,663	13,324	12,854	75	98	2 696	16,860	41,738	2,476	2,006
26	49	96 703	16 651,885	220 092,770	13,217	12,748	76	99	1 803	10,538	24,877	2,361	1,891
27	50	96 448	15 521,464	203 440,885	13,107	12,638	77	100	1 165	6,363	14,339	2,254	1,784
28	51	96 175	14 464,922	187 919,421	12,991	12,522							
29	52	95 882	13 477,438	173 454,499	12,870	12,400							
30	53	95 556	12 552,896	159 977,061	12,744	12,275							
31	54	95 208	11 688,923	147 424,164	12,612	12,143							
32	55	94 836	10 881,593	135 735,242	12,474	12,004							
33	56	94 431	10 126,231	124 853,649	12,330	11,860							
34	57	94 003	9 420,871	114 727,418	12,178	11,708							
35	58	93 553	8 762,409	105 306,547	12,018	11,548							
36	59	93 062	8 146,185	96 544,138	11,851	11,382							
37	60	92 541	7 570,633	88 397,953	11,676	11,207							
38	61	91 954	7 030,549	80 827,320	11,497	11,027							
39	62	91 326	6 525,666	73 796,771	11,309	10,839							
40	63	90 645	6 053,328	67 271,104	11,113	10,644							
41	64	89 919	5 611,989	61 217,777	10,908	10,439							
42	65	89 136	5 199,173	55 605,788	10,695	10,226							
43	66	88 305	4 813,718	50 406,616	10,471	10,002							
44	67	87 393	4 452,364	45 592,898	10,240	9,771							
45	68	86 423	4 114,885	41 140,534	9,998	9,528							
46	69	85 394	3 799,908	37 025,648	9,744	9,274							
47	70	84 278	3 504,904	33 225,741	9,480	9,010							
48	71	83 059	3 228,253	29 720,837	9,206	8,737							
49	72	81 727	2 968,656	26 492,584	8,924	8,455							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß   7,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	24	99 361	99 361,342	1 465 034,191	14,745	14,275	50	74	78 950	2 680,174	22 428,503	8,368	7,899
1	25	98 957	92 483,200	1 365 672,849	14,767	14,297	51	75	77 171	2 448,392	19 748,329	8,066	7,596
2	26	98 903	86 385,608	1 273 189,649	14,738	14,269	52	76	75 158	2 228,523	17 299,937	7,763	7,293
3	27	98 861	80 699,871	1 186 804,041	14,706	14,237	53	77	72 950	2 021,549	15 071,413	7,455	6,986
4	28	98 821	75 389,694	1 106 104,170	14,672	14,202	54	78	70 536	1 826,781	13 049,864	7,144	6,674
5	29	98 782	70 430,487	1 030 714,476	14,634	14,165	55	79	67 851	1 642,289	11 223,083	6,834	6,364
6	30	98 743	65 796,890	960 283,989	14,595	14,125	56	80	64 945	1 469,117	9 580,795	6,521	6,052
7	31	98 705	61 468,521	894 487,099	14,552	14,082	57	81	61 779	1 306,072	8 111,678	6,211	5,741
8	32	98 667	57 425,133	833 018,578	14,506	14,037	58	82	58 366	1 153,185	6 805,605	5,902	5,432
9	33	98 624	53 644,856	775 593,445	14,458	13,988	59	83	54 662	1 009,356	5 652,420	5,600	5,131
10	34	98 580	50 113,112	721 948,588	14,406	13,937	60	84	50 745	875,729	4 643,064	5,302	4,832
11	35	98 529	46 810,607	671 835,476	14,352	13,883	61	85	46 586	751,362	3 767,335	5,014	4,544
12	36	98 482	43 727,076	625 024,869	14,294	13,824	62	86	42 254	636,905	3 015,973	4,735	4,266
13	37	98 424	40 842,461	581 297,793	14,233	13,763	63	87	37 814	532,690	2 379,067	4,466	3,997
14	38	98 361	38 145,922	540 455,332	14,168	13,699	64	88	33 293	438,316	1 846,378	4,212	3,743
15	39	98 291	35 625,200	502 309,410	14,100	13,630	65	89	28 810	354,479	1 408,061	3,972	3,503
16	40	98 209	33 266,630	466 684,210	14,029	13,559	66	90	24 360	280,123	1 053,582	3,761	3,292
17	41	98 114	31 060,283	433 417,580	13,954	13,485	67	91	20 249	217,612	773,459	3,554	3,085
18	42	98 002	28 995,209	402 357,297	13,877	13,407	68	92	16 353	164,249	555,846	3,384	2,915
19	43	97 867	27 061,171	373 362,088	13,797	13,327	69	93	13 005	122,073	391,598	3,208	2,738
20	44	97 719	25 252,571	346 300,917	13,713	13,244	70	94	10 094	88,548	269,525	3,044	2,574
21	45	97 557	23 561,347	321 048,345	13,626	13,157	71	95	7 636	62,604	180,976	2,891	2,421
22	46	97 381	21 980,117	297 486,999	13,534	13,065	72	96	5 621	43,069	118,373	2,748	2,279
23	47	97 192	20 502,319	275 506,881	13,438	12,968	73	97	4 021	28,795	75,303	2,615	2,146
24	48	96 982	19 119,715	255 004,562	13,337	12,868	74	98	2 790	18,673	46,508	2,491	2,021
25	49	96 757	17 827,311	235 884,848	13,232	12,762	75	99	1 873	11,715	27,836	2,376	1,907
26	50	96 504	16 617,621	218 057,536	13,122	12,653	76	100	1 215	7,104	16,121	2,269	1,800
27	51	96 236	15 487,270	201 439,915	13,007	12,537							
28	52	95 940	14 429,530	185 952,645	12,887	12,417							
29	53	95 619	13 440,438	171 523,115	12,762	12,292							
30	54	95 269	12 515,156	158 082,678	12,631	12,162							
31	55	94 904	11 651,621	145 567,522	12,493	12,024							
32	56	94 500	10 843,038	133 915,901	12,350	11,881							
33	57	94 074	10 088,033	123 072,864	12,200	11,730							
34	58	93 627	9 383,220	112 984,831	12,041	11,572							
35	59	93 140	8 723,746	103 601,611	11,876	11,406							
36	60	92 622	8 107,719	94 877,865	11,702	11,233							
37	61	92 042	7 529,832	86 770,146	11,524	11,054							
38	62	91 426	6 990,146	79 240,314	11,336	10,866							
39	63	90 749	6 484,505	72 250,167	11,142	10,672							
40	64	90 035	6 012,541	65 765,663	10,938	10,469							
41	65	89 258	5 570,744	59 753,122	10,726	10,257							
42	66	88 440	5 158,568	54 182,378	10,503	10,034							
43	67	87 549	4 772,540	49 023,810	10,272	9,803							
44	68	86 595	4 411,704	44 251,270	10,030	9,561							
45	69	85 583	4 074,927	39 839,566	9,777	9,307							
46	70	84 487	3 759,547	35 764,639	9,513	9,044							
47	71	83 300	3 464,231	32 005,092	9,239	8,769							
48	72	81 990	3 186,682	28 540,862	8,956	8,487							
49	73	80 544	2 925,676	25 354,179	8,666	8,197							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß   7,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	25	99 341	99 341,258	1 462 257,491	14,720	14,250	50	75	77 481	2 630,303	21 291,029	8,095	7,625
1	26	98 935	92 462,856	1 362 916,233	14,740	14,271	51	76	75 515	2 395,855	18 660,726	7,789	7,319
2	27	98 879	86 365,163	1 270 453,377	14,710	14,241	52	77	73 317	2 173,941	16 264,871	7,482	7,012
3	28	98 834	80 678,191	1 184 088,214	14,677	14,207	53	78	70 927	1 965,504	14 090,930	7,169	6,700
4	29	98 796	75 370,630	1 103 410,023	14,640	14,170	54	79	68 274	1 768,199	12 125,426	6,858	6,388
5	30	98 754	70 410,279	1 028 039,393	14,601	14,131	55	80	65 388	1 582,664	10 357,227	6,544	6,075
6	31	98 715	65 778,267	957 629,114	14,558	14,089	56	81	62 233	1 407,759	8 774,563	6,233	5,763
7	32	98 675	61 449,956	891 850,846	14,513	14,044	57	82	58 839	1 243,916	7 366,805	5,922	5,453
8	33	98 632	57 404,778	830 400,891	14,466	13,996	58	83	55 147	1 089,594	6 122,889	5,619	5,150
9	34	98 588	53 625,242	772 996,113	14,415	13,945	59	84	51 234	946,058	5 033,295	5,320	4,851
10	35	98 538	50 091,826	719 370,871	14,361	13,892	60	85	47 076	812,400	4 087,237	5,031	4,562
11	36	98 490	46 791,987	669 279,045	14,303	13,834	61	86	42 731	689,183	3 274,837	4,752	4,282
12	37	98 435	43 706,297	622 487,058	14,243	13,773	62	87	38 273	576,894	2 585,654	4,482	4,013
13	38	98 371	40 820,664	578 780,761	14,179	13,709	63	88	33 719	475,004	2 008,759	4,229	3,759
14	39	98 306	38 124,686	537 960,097	14,111	13,641	64	89	29 221	384,716	1 533,755	3,987	3,517
15	40	98 226	35 601,632	499 835,411	14,040	13,570	65	90	24 733	304,314	1 149,040	3,776	3,306
16	41	98 139	33 243,136	464 233,780	13,965	13,495	66	91	20 589	236,761	844,725	3,568	3,098
17	42	98 035	31 035,388	430 990,644	13,887	13,418	67	92	16 651	178,945	607,964	3,397	2,928
18	43	97 915	28 969,401	399 955,255	13,806	13,337	68	93	13 259	133,168	429,018	3,222	2,752
19	44	97 767	27 033,462	370 985,854	13,723	13,254	69	94	10 309	96,773	295,850	3,057	2,588
20	45	97 610	25 224,209	343 952,392	13,636	13,166	70	95	7 814	68,547	199,076	2,904	2,435
21	46	97 433	23 531,442	318 728,183	13,545	13,075	71	96	5 765	47,262	130,530	2,762	2,292
22	47	97 244	21 949,145	295 196,741	13,449	12,980	72	97	4 133	31,669	83,267	2,629	2,160
23	48	97 033	20 468,795	273 247,596	13,349	12,880	73	98	2 876	20,595	51,598	2,505	2,036
24	49	96 811	19 085,903	252 778,801	13,244	12,775	74	99	1 939	12,974	31,004	2,390	1,920
25	50	96 557	17 790,629	233 692,898	13,136	12,666	75	100	1 263	7,897	18,030	2,283	1,814
26	51	96 292	16 581,013	215 902,269	13,021	12,552							
27	52	96 000	15 449,376	199 321,256	12,902	12,432							
28	53	95 676	14 389,915	183 871,881	12,778	12,308							
29	54	95 331	13 400,028	169 481,965	12,648	12,178							
30	55	94 965	12 475,217	156 081,937	12,511	12,042							
31	56	94 568	11 610,337	143 606,720	12,369	11,899							
32	57	94 144	10 802,135	131 996,383	12,219	11,750							
33	58	93 698	10 047,715	121 194,247	12,062	11,592							
34	59	93 214	9 341,818	111 146,532	11,898	11,428							
35	60	92 700	8 682,553	101 804,714	11,725	11,256							
36	61	92 123	8 064,024	93 122,161	11,548	11,078							
37	62	91 513	7 486,560	85 058,138	11,361	10,892							
38	63	90 849	6 946,055	77 571,577	11,168	10,698							
39	64	90 138	6 440,813	70 625,522	10,965	10,496							
40	65	89 373	5 968,352	64 184,709	10,754	10,285							
41	66	88 561	5 527,237	58 216,357	10,533	10,063							
42	67	87 683	5 114,440	52 689,120	10,302	9,833							
43	68	86 750	4 728,956	47 574,680	10,060	9,591							
44	69	85 754	4 368,863	42 845,724	9,807	9,338							
45	70	84 674	4 031,645	38 476,861	9,544	9,074							
46	71	83 506	3 715,918	34 445,216	9,270	8,800							
47	72	82 227	3 419,621	30 729,297	8,986	8,517							
48	73	80 803	3 140,546	27 309,676	8,696	8,226							
49	74	79 234	2 878,101	24 169,130	8,398	7,928							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß   7,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	49	93 528	3 175,065	37 983,195	11,963	11,493
1	0	99 613	93 096,466	1 398 228,904	15,019	14,550	51	50	92 962	2 949,398	34 808,130	11,802	11,332
2	1	99 267	86 703,360	1 305 132,438	15,053	14,583	52	51	92 318	2 737,362	31 858,732	11,638	11,169
3	2	99 222	80 994,498	1 218 429,078	15,043	14,574	53	52	91 632	2 539,247	29 121,370	11,469	10,999
4	3	99 193	75 673,994	1 137 434,580	15,031	14,561	54	53	90 876	2 353,550	26 582,123	11,294	10,825
5	4	99 169	70 706,066	1 061 760,586	15,017	14,547	55	54	90 041	2 179,385	24 228,573	11,117	10,648
6	5	99 146	66 065,422	991 054,520	15,001	14,532	56	55	89 147	2 016,572	22 049,188	10,934	10,464
7	6	99 126	61 730,621	924 989,099	14,984	14,515	57	56	88 183	1 864,280	20 032,616	10,745	10,276
8	7	99 109	57 682,392	863 258,478	14,966	14,496	58	57	87 144	1 721,781	18 168,337	10,552	10,083
9	8	99 092	53 899,661	805 576,086	14,946	14,476	59	58	86 032	1 588,615	16 446,556	10,353	9,883
10	9	99 077	50 365,849	751 676,425	14,924	14,455	60	59	84 835	1 464,030	14 857,941	10,149	9,679
11	10	99 062	47 063,433	701 310,576	14,901	14,432	61	60	83 557	1 347,640	13 393,910	9,939	9,469
12	11	99 046	43 977,621	654 247,143	14,877	14,407	62	61	82 179	1 238,703	12 046,270	9,725	9,255
13	12	99 027	41 092,720	610 269,522	14,851	14,382	63	62	80 727	1 137,214	10 807,567	9,504	9,034
14	13	99 008	38 397,062	569 176,801	14,823	14,354	64	63	79 204	1 042,760	9 670,353	9,274	8,804
15	14	98 984	35 876,504	530 779,740	14,795	14,325	65	64	77 561	954,331	8 627,593	9,040	8,571
16	15	98 956	33 519,840	494 903,236	14,764	14,295	66	65	75 832	872,011	7 673,261	8,799	8,330
17	16	98 918	31 314,879	461 383,395	14,734	14,264	67	66	73 995	795,224	6 801,250	8,553	8,083
18	17	98 869	29 251,825	430 068,517	14,702	14,233	68	67	72 050	723,668	6 006,026	8,299	7,830
19	18	98 806	27 320,607	400 816,692	14,671	14,201	69	68	70 025	657,316	5 282,358	8,036	7,567
20	19	98 735	25 514,970	373 496,085	14,638	14,169	70	69	67 893	595,608	4 625,042	7,765	7,296
21	20	98 661	23 828,018	347 981,115	14,604	14,134	71	70	65 643	538,192	4 029,434	7,487	7,017
22	21	98 586	22 252,200	324 153,097	14,567	14,098	72	71	63 263	484,753	3 491,242	7,202	6,733
23	22	98 513	20 781,048	301 900,896	14,528	14,058	73	72	60 756	435,083	3 006,489	6,910	6,441
24	23	98 440	19 407,032	281 119,848	14,485	14,016	74	73	58 089	388,771	2 571,406	6,614	6,145
25	24	98 362	18 123,121	261 712,816	14,441	13,971	75	74	55 209	345,324	2 182,634	6,321	5,851
26	25	98 288	16 924,769	243 589,695	14,392	13,923	76	75	52 153	304,870	1 837,310	6,027	5,557
27	26	98 209	15 804,873	226 664,926	14,341	13,872	77	76	48 910	267,208	1 532,440	5,735	5,265
28	27	98 124	14 758,066	210 860,053	14,288	13,818	78	77	45 482	232,223	1 265,232	5,448	4,979
29	28	98 039	13 780,594	196 101,986	14,230	13,761	79	78	41 885	199,868	1 033,010	5,168	4,699
30	29	97 949	12 867,336	182 321,392	14,169	13,700	80	79	38 156	170,161	833,142	4,896	4,427
31	30	97 859	12 014,405	169 454,056	14,104	13,635	81	80	34 379	143,286	662,981	4,627	4,157
32	31	97 761	11 217,226	157 439,651	14,036	13,566	82	81	30 543	118,971	519,695	4,368	3,899
33	32	97 660	10 472,518	146 222,426	13,962	13,493	83	82	26 753	97,390	400,724	4,115	3,645
34	33	97 551	9 776,462	135 749,908	13,885	13,416	84	83	23 055	78,440	303,334	3,867	3,398
35	34	97 438	9 126,295	125 973,445	13,803	13,334	85	84	19 488	61,964	224,895	3,629	3,160
36	35	97 314	8 518,464	116 847,150	13,717	13,247	86	85	16 114	47,886	162,931	3,402	2,933
37	36	97 190	7 951,004	108 328,686	13,625	13,155	87	86	12 994	36,087	115,045	3,188	2,719
38	37	97 052	7 420,266	100 377,682	13,528	13,058	88	87	10 178	26,416	78,958	2,989	2,519
39	38	96 893	6 923,509	92 957,416	13,426	12,957	89	88	7 730	18,750	52,542	2,802	2,333
40	39	96 728	6 459,543	86 033,907	13,319	12,849	90	89	5 649	12,808	33,792	2,638	2,169
41	40	96 540	6 025,223	79 574,364	13,207	12,737	91	90	3 996	8,467	20,984	2,478	2,009
42	41	96 340	5 619,366	73 549,141	13,089	12,619	92	91	2 703	5,352	12,517	2,339	1,869
43	42	96 115	5 239,509	67 929,775	12,965	12,495	93	92	1 742	3,223	7,165	2,223	1,753
44	43	95 859	4 883,655	62 690,266	12,837	12,367	94	93	1 081	1,869	3,942	2,109	1,639
45	44	95 570	4 550,419	57 806,611	12,704	12,234	95	94	640	1,034	2,073	2,005	1,535
46	45	95 251	4 238,543	53 256,192	12,565	12,095	96	95	360	0,544	1,039	1,910	1,441
47	46	94 895	3 946,441	49 017,649	12,421	11,951	97	96	192	0,271	0,495	1,825	1,355
48	47	94 488	3 672,434	45 071,208	12,273	11,803	98	97	97	0,128	0,224	1,746	1,277
49	48	94 031	3 415,579	41 398,774	12,121	11,651	99	98	46	0,057	0,096	1,675	1,206
							100	99	21	0,024	0,039	1,611	1,141

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß   7,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	48	93 694	3 180,690	38 215,777	12,015	11,545
1							51	49	93 154	2 955,479	35 035,087	11,854	11,385
2	0	99 581	86 977,573	1 305 861,512	15,014	14,544	52	50	92 522	2 743,406	32 079,608	11,693	11,224
3	1	99 248	81 015,883	1 218 883,939	15,045	14,575	53	51	91 856	2 545,475	29 336,203	11,525	11,055
4	2	99 208	75 685,266	1 137 868,056	15,034	14,565	54	52	91 126	2 360,029	26 790,727	11,352	10,882
5	3	99 180	70 713,967	1 062 182,789	15,021	14,551	55	53	90 313	2 185,958	24 430,698	11,176	10,707
6	4	99 158	66 073,296	991 468,823	15,006	14,536	56	54	89 432	2 023,027	22 244,741	10,996	10,526
7	5	99 136	61 736,861	925 395,526	14,989	14,520	57	55	88 497	1 870,909	20 221,713	10,808	10,339
8	6	99 118	57 687,416	863 658,665	14,971	14,502	58	56	87 474	1 728,300	18 350,805	10,618	10,148
9	7	99 101	53 904,287	805 971,250	14,952	14,482	59	57	86 378	1 594,990	16 622,504	10,422	9,952
10	8	99 085	50 369,558	752 066,963	14,931	14,461	60	58	85 211	1 470,519	15 027,515	10,219	9,750
11	9	99 068	47 066,680	701 697,404	14,909	14,439	61	59	83 954	1 354,034	13 556,996	10,012	9,543
12	10	99 053	43 980,743	654 630,724	14,884	14,415	62	60	82 624	1 245,415	12 202,962	9,798	9,329
13	11	99 035	41 096,007	610 649,981	14,859	14,390	63	61	81 194	1 143,787	10 957,547	9,580	9,111
14	12	99 016	38 400,153	569 553,975	14,832	14,363	64	62	79 707	1 049,379	9 813,760	9,352	8,882
15	13	98 993	35 879,718	531 153,822	14,804	14,334	65	63	78 087	960,805	8 764,380	9,122	8,652
16	14	98 967	33 523,474	495 274,104	14,774	14,304	66	64	76 393	878,468	7 803,575	8,883	8,414
17	15	98 930	31 318,818	461 750,630	14,744	14,274	67	65	74 577	801,483	6 925,108	8,640	8,171
18	16	98 884	29 256,327	430 431,811	14,712	14,243	68	66	72 672	729,911	6 123,624	8,390	7,920
19	17	98 822	27 324,992	401 175,485	14,682	14,212	69	67	70 671	663,374	5 393,713	8,131	7,661
20	18	98 757	25 520,800	373 850,493	14,649	14,179	70	68	68 559	601,449	4 730,338	7,865	7,395
21	19	98 682	23 832,940	348 329,694	14,615	14,146	71	69	66 347	543,970	4 128,890	7,590	7,121
22	20	98 608	22 257,141	324 496,753	14,579	14,110	72	70	64 006	490,445	3 584,920	7,310	6,840
23	21	98 534	20 785,398	302 239,612	14,541	14,071	73	71	61 548	440,759	3 094,475	7,021	6,551
24	22	98 462	19 411,387	281 454,214	14,499	14,030	74	72	58 942	394,482	2 653,716	6,727	6,258
25	23	98 385	18 127,264	262 042,827	14,456	13,986	75	73	56 122	351,032	2 259,234	6,436	5,966
26	24	98 308	16 928,191	243 915,562	14,409	13,939	76	74	53 142	310,650	1 908,202	6,143	5,673
27	25	98 231	15 808,351	226 987,372	14,359	13,889	77	75	49 983	273,067	1 597,551	5,850	5,381
28	26	98 147	14 761,560	211 179,021	14,306	13,836	78	76	46 624	238,053	1 324,484	5,564	5,094
29	27	98 065	13 784,297	196 417,461	14,249	13,780	79	77	43 080	205,567	1 086,431	5,285	4,816
30	28	97 974	12 870,591	182 633,164	14,190	13,720	80	78	39 420	175,799	880,864	5,011	4,541
31	29	97 887	12 017,853	169 762,573	14,126	13,656	81	79	35 674	148,684	705,065	4,742	4,273
32	30	97 789	11 220,401	157 744,720	14,059	13,589	82	80	31 874	124,156	556,381	4,481	4,012
33	31	97 689	10 475,682	146 524,319	13,987	13,518	83	81	28 089	102,256	432,225	4,227	3,757
34	32	97 585	9 779,929	136 048,637	13,911	13,441	84	82	24 401	83,017	329,969	3,975	3,505
35	33	97 473	9 129,634	126 268,708	13,831	13,361	85	83	20 792	66,110	246,951	3,735	3,266
36	34	97 356	8 522,084	117 139,074	13,745	13,276	86	84	17 371	51,619	180,841	3,503	3,034
37	35	97 229	7 954,168	108 616,991	13,655	13,186	87	85	14 166	39,342	129,222	3,285	2,815
38	36	97 098	7 423,794	100 662,822	13,559	13,090	88	86	11 236	29,164	89,880	3,082	2,612
39	37	96 945	6 927,206	93 239,028	13,460	12,990	89	87	8 668	21,027	60,716	2,888	2,418
40	38	96 782	6 463,141	86 311,822	13,354	12,885	90	88	6 437	14,592	39,689	2,720	2,250
41	39	96 604	6 029,211	79 848,681	13,244	12,774	91	89	4 655	9,863	25,097	2,545	2,075
42	40	96 408	5 623,337	73 819,470	13,127	12,658	92	90	3 198	6,332	15,234	2,406	1,936
43	41	96 193	5 243,712	68 196,133	13,005	12,536	93	91	2 118	3,920	8,901	2,271	1,801
44	42	95 944	4 888,006	62 952,421	12,879	12,409	94	92	1 333	2,305	4,982	2,161	1,691
45	43	95 668	4 555,083	58 064,415	12,747	12,278	95	93	807	1,304	2,676	2,052	1,583
46	44	95 358	4 243,309	53 509,332	12,610	12,141	96	94	465	0,702	1,372	1,954	1,484
47	45	95 016	3 951,457	49 266,023	12,468	11,998	97	95	255	0,359	0,670	1,864	1,394
48	46	94 621	3 677,616	45 314,566	12,322	11,852	98	96	132	0,174	0,311	1,782	1,313
49	47	94 185	3 421,173	41 636,950	12,170	11,701	99	97	65	0,080	0,136	1,708	1,239
							100	98	30	0,034	0,057	1,641	1,171

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß   7,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	47	93 847	3 185,899	38 429,956	12,063	11,593
1							51	48	93 319	2 960,715	35 244,057	11,904	11,434
2							52	49	92 713	2 749,062	32 283,342	11,743	11,274
3	0	99 562	81 272,109	1 219 556,708	15,006	14,536	53	50	92 059	2 551,095	29 534,280	11,577	11,108
4	1	99 234	75 705,250	1 138 284,599	15,036	14,566	54	51	91 349	2 365,818	26 983,185	11,405	10,936
5	2	99 195	70 724,501	1 062 579,349	15,024	14,555	55	52	90 561	2 191,975	24 617,367	11,231	10,761
6	3	99 169	66 080,680	991 854,849	15,010	14,540	56	53	89 702	2 029,128	22 425,392	11,052	10,582
7	4	99 148	61 744,220	925 774,169	14,994	14,524	57	54	88 780	1 876,898	20 396,264	10,867	10,397
8	5	99 128	57 693,247	864 029,949	14,976	14,507	58	55	87 785	1 734,446	18 519,365	10,677	10,208
9	6	99 109	53 908,982	806 336,702	14,957	14,488	59	56	86 705	1 601,029	16 784,919	10,484	10,014
10	7	99 093	50 373,882	752 427,720	14,937	14,467	60	57	85 553	1 476,419	15 183,890	10,284	9,815
11	8	99 076	47 070,147	702 053,838	14,915	14,446	61	58	84 326	1 360,035	13 707,471	10,079	9,609
12	9	99 060	43 983,777	654 983,692	14,891	14,422	62	59	83 016	1 251,323	12 347,436	9,868	9,398
13	10	99 042	41 098,924	610 999,915	14,867	14,397	63	60	81 634	1 149,985	11 096,113	9,649	9,179
14	11	99 024	38 403,224	569 900,991	14,840	14,370	64	61	80 167	1 055,445	9 946,128	9,424	8,954
15	12	99 001	35 882,607	531 497,768	14,812	14,343	65	62	78 583	966,904	8 890,683	9,195	8,725
16	13	98 976	33 526,477	495 615,161	14,783	14,313	66	63	76 911	884,427	7 923,779	8,959	8,490
17	14	98 941	31 322,213	462 088,684	14,753	14,283	67	64	75 130	807,417	7 039,352	8,718	8,249
18	15	98 897	29 260,007	430 766,471	14,722	14,253	68	65	73 244	735,657	6 231,935	8,471	8,002
19	16	98 837	27 329,197	401 506,463	14,691	14,222	69	66	71 280	669,098	5 496,278	8,214	7,745
20	17	98 773	25 524,896	374 177,266	14,659	14,190	70	67	69 191	606,992	4 827,180	7,953	7,483
21	18	98 704	23 838,385	348 652,371	14,626	14,156	71	68	66 998	549,304	4 220,188	7,683	7,213
22	19	98 628	22 261,739	324 813,985	14,591	14,121	72	69	64 693	495,710	3 670,884	7,405	6,936
23	20	98 556	20 790,013	302 552,246	14,553	14,083	73	70	62 271	445,934	3 175,174	7,120	6,651
24	21	98 482	19 415,450	281 762,233	14,512	14,043	74	71	59 711	399,629	2 729,240	6,829	6,360
25	22	98 407	18 131,332	262 346,783	14,469	14,000	75	72	56 946	356,189	2 329,612	6,540	6,071
26	23	98 330	16 932,061	244 215,451	14,423	13,954	76	73	54 021	315,785	1 973,423	6,249	5,780
27	24	98 251	15 811,547	227 283,390	14,375	13,905	77	74	50 930	278,245	1 657,637	5,957	5,488
28	25	98 169	14 764,808	211 471,843	14,323	13,853	78	75	47 646	243,273	1 379,393	5,670	5,201
29	26	98 088	13 787,560	196 707,035	14,267	13,797	79	76	44 161	210,728	1 136,119	5,391	4,922
30	27	98 001	12 874,049	182 919,475	14,208	13,739	80	77	40 544	180,812	925,391	5,118	4,648
31	28	97 912	12 020,893	170 045,425	14,146	13,676	81	78	36 856	153,610	744,579	4,847	4,378
32	29	97 817	11 223,622	158 024,533	14,080	13,610	82	79	33 075	128,834	590,969	4,587	4,118
33	30	97 717	10 478,648	146 800,911	14,010	13,540	83	80	29 314	106,713	462,136	4,331	3,861
34	31	97 615	9 782,884	136 322,263	13,935	13,465	84	81	25 620	87,166	355,423	4,078	3,608
35	32	97 508	9 132,871	126 539,379	13,855	13,386	85	82	22 005	69,968	268,257	3,834	3,364
36	33	97 391	8 525,201	117 406,509	13,772	13,302	86	83	18 533	55,073	198,289	3,600	3,131
37	34	97 270	7 957,548	108 881,308	13,683	13,213	87	84	15 270	42,409	143,216	3,377	2,907
38	35	97 136	7 426,748	100 923,760	13,589	13,120	88	85	12 250	31,796	100,807	3,170	2,701
39	36	96 991	6 930,499	93 497,011	13,491	13,021	89	86	9 570	23,214	69,011	2,973	2,503
40	37	96 834	6 466,592	86 566,512	13,387	12,917	90	87	7 218	16,364	45,797	2,799	2,329
41	38	96 658	6 032,570	80 099,920	13,278	12,808	91	88	5 304	11,237	29,433	2,619	2,150
42	39	96 472	5 627,060	74 067,350	13,163	12,693	92	89	3 725	7,376	18,196	2,467	1,997
43	40	96 260	5 247,418	68 440,290	13,043	12,573	93	90	2 506	4,638	10,820	2,333	1,864
44	41	96 021	4 891,926	63 192,872	12,918	12,448	94	91	1 621	2,804	6,182	2,205	1,736
45	42	95 753	4 559,141	58 300,946	12,788	12,318	95	92	995	1,608	3,378	2,101	1,631
46	43	95 456	4 247,658	53 741,804	12,652	12,183	96	93	587	0,886	1,770	1,998	1,528
47	44	95 122	3 955,900	49 494,147	12,511	12,042	97	94	329	0,464	0,884	1,904	1,435
48	45	94 741	3 682,290	45 538,247	12,367	11,897	98	95	175	0,231	0,420	1,819	1,349
49	46	94 318	3 426,001	41 855,957	12,217	11,748	99	96	88	0,109	0,189	1,742	1,272
							100	97	42	0,048	0,080	1,671	1,202

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß   7,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	46	93 980	3 190,395	38 626,753	12,107	11,638
1							51	47	93 472	2 965,564	35 436,358	11,949	11,480
2							52	48	92 877	2 753,932	32 470,794	11,791	11,321
3							53	49	92 249	2 556,355	29 716,862	11,625	11,155
4	0	99 548	75 944,680	1 138 905,308	14,997	14,527	54	50	91 551	2 371,041	27 160,507	11,455	10,986
5	1	99 221	70 743,174	1 062 960,628	15,026	14,556	55	51	90 784	2 197,352	24 789,466	11,282	10,812
6	2	99 184	66 090,523	992 217,454	15,013	14,543	56	52	89 949	2 034,714	22 592,114	11,103	10,634
7	3	99 159	61 751,119	926 126,931	14,998	14,528	57	53	89 048	1 882,558	20 557,400	10,920	10,450
8	4	99 140	57 700,124	864 375,811	14,980	14,511	58	54	88 066	1 739,998	18 674,841	10,733	10,263
9	5	99 119	53 914,431	806 675,688	14,962	14,493	59	55	87 013	1 606,722	16 934,843	10,540	10,070
10	6	99 102	50 378,269	752 761,256	14,942	14,473	60	56	85 877	1 482,010	15 328,121	10,343	9,873
11	7	99 084	47 074,187	702 382,987	14,921	14,451	61	57	84 664	1 365,492	13 846,111	10,140	9,671
12	8	99 067	43 987,016	655 308,800	14,898	14,428	62	58	83 384	1 256,869	12 480,619	9,930	9,460
13	9	99 049	41 101,759	611 321,784	14,873	14,404	63	59	82 021	1 155,441	11 223,750	9,714	9,244
14	10	99 031	38 405,949	570 220,025	14,847	14,378	64	60	80 602	1 061,164	10 068,309	9,488	9,018
15	11	99 009	35 885,476	531 814,075	14,820	14,350	65	61	79 037	972,493	9 007,145	9,262	8,792
16	12	98 984	33 529,176	495 928,599	14,791	14,321	66	62	77 400	890,041	8 034,652	9,027	8,558
17	13	98 950	31 325,019	462 399,423	14,761	14,292	67	63	75 639	812,895	7 144,611	8,789	8,320
18	14	98 908	29 263,179	431 074,404	14,731	14,261	68	64	73 786	741,104	6 331,717	8,544	8,074
19	15	98 849	27 332,635	401 811,225	14,701	14,231	69	65	71 842	674,365	5 590,613	8,290	7,821
20	16	98 788	25 528,824	374 478,590	14,669	14,199	70	66	69 788	612,229	4 916,249	8,030	7,561
21	17	98 720	23 842,211	348 949,766	14,636	14,166	71	67	67 615	554,366	4 304,019	7,764	7,294
22	18	98 651	22 266,825	325 107,554	14,601	14,131	72	68	65 328	500,571	3 749,653	7,491	7,021
23	19	98 576	20 794,308	302 840,729	14,564	14,094	73	69	62 940	450,721	3 249,082	7,209	6,739
24	20	98 504	19 419,761	282 046,421	14,524	14,054	74	70	60 412	404,321	2 798,361	6,921	6,452
25	21	98 427	18 135,127	262 626,660	14,482	14,012	75	71	57 689	360,836	2 394,041	6,635	6,165
26	22	98 353	16 935,860	244 491,532	14,436	13,967	76	72	54 814	320,424	2 033,205	6,345	5,876
27	23	98 273	15 815,162	227 555,672	14,388	13,919	77	73	51 772	282,844	1 712,780	6,056	5,586
28	24	98 189	14 767,793	211 740,510	14,338	13,868	78	74	48 550	247,886	1 429,936	5,769	5,299
29	25	98 110	13 790,594	196 972,717	14,283	13,814	79	75	45 130	215,349	1 182,050	5,489	5,019
30	26	98 024	12 877,097	183 182,123	14,225	13,756	80	76	41 562	185,351	966,701	5,216	4,746
31	27	97 938	12 024,123	170 305,026	14,164	13,694	81	77	37 907	157,990	781,350	4,946	4,476
32	28	97 842	11 226,460	158 280,903	14,099	13,629	82	78	34 171	133,102	623,360	4,683	4,214
33	29	97 745	10 481,655	147 054,443	14,030	13,560	83	79	30 418	110,733	490,258	4,427	3,958
34	30	97 642	9 785,653	136 572,788	13,956	13,487	84	80	26 737	90,965	379,524	4,172	3,703
35	31	97 537	9 135,630	126 787,134	13,878	13,409	85	81	23 105	73,464	288,560	3,928	3,458
36	32	97 426	8 528,224	117 651,504	13,796	13,326	86	82	19 614	58,287	215,095	3,690	3,221
37	33	97 306	7 960,459	109 123,281	13,708	13,239	87	83	16 292	45,247	156,808	3,466	2,996
38	34	97 178	7 429,904	101 162,822	13,616	13,146	88	84	13 205	34,274	111,562	3,255	2,785
39	35	97 030	6 933,257	93 732,917	13,519	13,050	89	85	10 433	25,308	77,287	3,054	2,584
40	36	96 880	6 469,666	86 799,660	13,416	12,947	90	86	7 969	18,066	51,979	2,877	2,408
41	37	96 709	6 035,791	80 329,994	13,309	12,839	91	87	5 948	12,602	33,912	2,691	2,222
42	38	96 525	5 630,194	74 294,203	13,196	12,726	92	88	4 244	8,404	21,310	2,536	2,066
43	39	96 324	5 250,892	68 664,008	13,077	12,607	93	89	2 919	5,402	12,907	2,389	1,920
44	40	96 089	4 895,384	63 413,117	12,954	12,484	94	90	1 918	3,317	7,505	2,262	1,793
45	41	95 830	4 562,798	58 517,733	12,825	12,355	95	91	1 210	1,956	4,188	2,141	1,672
46	42	95 541	4 251,442	53 954,935	12,691	12,221	96	92	723	1,093	2,232	2,042	1,573
47	43	95 220	3 959,954	49 703,492	12,552	12,082	97	93	415	0,586	1,139	1,945	1,475
48	44	94 848	3 686,430	45 743,538	12,409	11,939	98	94	226	0,298	0,553	1,856	1,387
49	45	94 437	3 430,355	42 057,108	12,260	11,791	99	95	117	0,144	0,255	1,775	1,306
							100	96	57	0,065	0,111	1,702	1,233

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß   7,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	45	94 099	3 194,449	38 807,391	12,148	11,679
1							51	46	93 604	2 969,749	35 612,942	11,992	11,522
2							52	47	93 029	2 758,443	32 643,193	11,834	11,364
3							53	48	92 412	2 560,884	29 884,751	11,670	11,200
4							54	49	91 740	2 375,930	27 323,867	11,500	11,031
5	0	99 535	70 966,911	1 063 533,228	14,986	14,517	55	50	90 984	2 202,203	24 947,937	11,329	10,859
6	1	99 210	66 107,973	992 566,317	15,014	14,545	56	51	90 169	2 039,705	22 745,733	11,151	10,682
7	2	99 174	61 760,318	926 458,344	15,001	14,531	57	52	89 293	1 887,741	20 706,028	10,969	10,499
8	3	99 151	57 706,572	864 698,026	14,984	14,515	58	53	88 332	1 745,246	18 818,288	10,783	10,313
9	4	99 131	53 920,858	806 991,454	14,966	14,497	59	54	87 291	1 611,866	17 073,042	10,592	10,123
10	5	99 112	50 383,362	753 070,597	14,947	14,477	60	55	86 183	1 487,280	15 461,176	10,396	9,926
11	6	99 093	47 078,287	702 687,235	14,926	14,456	61	56	84 985	1 370,663	13 973,897	10,195	9,725
12	7	99 076	43 990,792	655 608,948	14,903	14,434	62	57	83 719	1 261,912	12 603,234	9,987	9,518
13	8	99 056	41 104,786	611 618,156	14,879	14,410	63	58	82 385	1 160,562	11 341,322	9,772	9,303
14	9	99 038	38 408,599	570 513,370	14,854	14,384	64	59	80 984	1 066,198	10 180,760	9,549	9,079
15	10	99 016	35 888,023	532 104,771	14,827	14,357	65	60	79 466	977,762	9 114,562	9,322	8,852
16	11	98 992	33 531,858	496 216,748	14,798	14,329	66	61	77 847	895,185	8 136,799	9,090	8,620
17	12	98 958	31 327,541	462 684,890	14,769	14,300	67	62	76 119	818,055	7 241,614	8,852	8,383
18	13	98 916	29 265,801	431 357,349	14,739	14,270	68	63	74 287	746,131	6 423,559	8,609	8,140
19	14	98 860	27 335,598	402 091,548	14,709	14,240	69	64	72 373	679,358	5 677,429	8,357	7,888
20	15	98 801	25 532,035	374 755,950	14,678	14,208	70	65	70 337	617,048	4 998,071	8,100	7,630
21	16	98 735	23 845,881	349 223,915	14,645	14,176	71	66	68 199	559,149	4 381,023	7,835	7,366
22	17	98 667	22 270,399	325 378,034	14,610	14,141	72	67	65 930	505,184	3 821,873	7,565	7,096
23	18	98 599	20 799,059	303 107,635	14,573	14,104	73	68	63 557	455,141	3 316,689	7,287	6,818
24	19	98 525	19 423,773	282 308,576	14,534	14,065	74	69	61 061	408,661	2 861,548	7,002	6,533
25	20	98 449	18 139,154	262 884,803	14,493	14,023	75	70	58 366	365,072	2 452,887	6,719	6,249
26	21	98 373	16 939,406	244 745,649	14,448	13,979	76	71	55 529	324,604	2 087,815	6,432	5,962
27	22	98 295	15 818,710	227 806,244	14,401	13,932	77	72	52 533	286,999	1 763,210	6,144	5,674
28	23	98 211	14 771,170	211 987,533	14,351	13,882	78	73	49 352	251,984	1 476,211	5,858	5,389
29	24	98 130	13 793,382	197 216,364	14,298	13,828	79	74	45 985	219,432	1 224,228	5,579	5,110
30	25	98 045	12 879,930	183 422,982	14,241	13,771	80	75	42 474	189,416	1 004,795	5,305	4,835
31	26	97 961	12 026,969	170 543,051	14,180	13,711	81	76	38 858	161,957	815,379	5,035	4,565
32	27	97 868	11 229,477	158 516,082	14,116	13,647	82	77	35 145	136,897	653,423	4,773	4,304
33	28	97 770	10 484,306	147 286,605	14,048	13,579	83	78	31 426	114,402	516,525	4,515	4,045
34	29	97 670	9 788,462	136 802,299	13,976	13,506	84	79	27 744	94,392	402,123	4,260	3,791
35	30	97 565	9 138,216	127 013,837	13,899	13,430	85	80	24 112	76,666	307,732	4,014	3,544
36	31	97 455	8 530,800	117 875,620	13,818	13,348	86	81	20 595	61,200	231,065	3,776	3,306
37	32	97 340	7 963,282	109 344,820	13,731	13,262	87	82	17 243	47,887	169,866	3,547	3,078
38	33	97 213	7 432,622	101 381,538	13,640	13,171	88	83	14 089	36,567	121,978	3,336	2,866
39	34	97 071	6 936,203	93 948,916	13,545	13,075	89	84	11 247	27,281	85,411	3,131	2,661
40	35	96 918	6 472,241	87 012,713	13,444	12,974	90	85	8 688	19,696	58,130	2,951	2,482
41	36	96 755	6 038,661	80 540,472	13,337	12,868	91	86	6 567	13,913	38,433	2,762	2,293
42	37	96 577	5 633,201	74 501,811	13,225	12,756	92	87	4 759	9,424	24,520	2,602	2,132
43	38	96 378	5 253,816	68 868,611	13,108	12,639	93	88	3 326	6,155	15,096	2,453	1,983
44	39	96 152	4 898,624	63 614,794	12,986	12,517	94	89	2 234	3,864	8,941	2,314	1,845
45	40	95 898	4 566,023	58 716,170	12,859	12,390	95	90	1 432	2,314	5,078	2,194	1,725
46	41	95 618	4 254,852	54 150,147	12,727	12,257	96	91	880	1,329	2,763	2,079	1,610
47	42	95 305	3 963,482	49 895,294	12,589	12,119	97	92	512	0,722	1,434	1,986	1,516
48	43	94 945	3 690,209	45 931,812	12,447	11,977	98	93	285	0,376	0,712	1,894	1,424
49	44	94 544	3 434,212	42 241,603	12,300	11,831	99	94	151	0,186	0,336	1,810	1,340
							100	95	75	0,087	0,150	1,734	1,264

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß   7,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	44	94 205	3 198,041	38 972,984	12,187	11,717
1							51	45	93 723	2 973,523	35 774,942	12,031	11,562
2							52	46	93 161	2 762,335	32 801,420	11,875	11,405
3							53	47	92 564	2 565,078	30 039,085	11,711	11,241
4							54	48	91 902	2 380,139	27 474,006	11,543	11,074
5							55	49	91 172	2 206,744	25 093,867	11,371	10,902
6	0	99 524	66 317,050	993 094,492	14,975	14,505	56	50	90 368	2 044,208	22 887,123	11,196	10,727
7	1	99 200	61 776,625	926 777,442	15,002	14,533	57	51	89 512	1 892,371	20 842,915	11,014	10,545
8	2	99 165	57 715,168	865 000,817	14,987	14,518	58	52	88 575	1 750,050	18 950,544	10,829	10,359
9	3	99 142	53 926,883	807 285,649	14,970	14,500	59	53	87 555	1 616,727	17 200,494	10,639	10,170
10	4	99 124	50 389,367	753 358,766	14,951	14,481	60	54	86 458	1 492,041	15 583,767	10,445	9,975
11	5	99 103	47 083,046	702 969,399	14,930	14,461	61	55	85 287	1 375,536	14 091,726	10,245	9,775
12	6	99 084	43 994,623	655 886,353	14,908	14,439	62	56	84 036	1 266,691	12 716,190	10,039	9,569
13	7	99 065	41 108,314	611 891,730	14,885	14,415	63	57	82 715	1 165,219	11 449,499	9,826	9,357
14	8	99 045	38 411,428	570 783,416	14,860	14,390	64	58	81 343	1 070,924	10 284,280	9,603	9,134
15	9	99 023	35 890,499	532 371,988	14,833	14,364	65	59	79 843	982,401	9 213,357	9,378	8,909
16	10	98 999	33 534,238	496 481,489	14,805	14,336	66	60	78 269	900,036	8 230,956	9,145	8,676
17	11	98 966	31 330,046	462 947,251	14,776	14,307	67	61	76 559	822,783	7 330,920	8,910	8,440
18	12	98 924	29 268,157	431 617,205	14,747	14,277	68	62	74 758	750,867	6 508,137	8,667	8,198
19	13	98 869	27 338,047	402 349,048	14,718	14,248	69	63	72 864	683,966	5 757,270	8,417	7,948
20	14	98 812	25 534,803	375 011,001	14,686	14,217	70	64	70 858	621,617	5 073,304	8,161	7,692
21	15	98 748	23 848,881	349 476,198	14,654	14,184	71	65	68 736	563,551	4 451,687	7,899	7,430
22	16	98 682	22 273,826	325 627,318	14,619	14,150	72	66	66 499	509,543	3 888,137	7,631	7,161
23	17	98 614	20 802,397	303 353,491	14,583	14,113	73	67	64 143	459,336	3 378,594	7,355	6,886
24	18	98 547	19 428,211	282 551,094	14,543	14,074	74	68	61 660	412,668	2 919,258	7,074	6,605
25	19	98 469	18 142,901	263 122,883	14,503	14,033	75	69	58 993	368,991	2 506,589	6,793	6,324
26	20	98 395	16 943,167	244 979,982	14,459	13,989	76	70	56 181	328,416	2 137,598	6,509	6,039
27	21	98 316	15 822,022	228 036,815	14,413	13,943	77	71	53 218	290,743	1 809,182	6,223	5,753
28	22	98 233	14 774,484	212 214,794	14,364	13,894	78	72	50 077	255,685	1 518,439	5,939	5,469
29	23	98 152	13 796,536	197 440,310	14,311	13,841	79	73	46 745	223,060	1 262,754	5,661	5,192
30	24	98 065	12 882,534	183 643,774	14,255	13,786	80	74	43 279	193,007	1 039,694	5,387	4,917
31	25	97 983	12 029,615	170 761,240	14,195	13,726	81	75	39 711	165,508	846,687	5,116	4,646
32	26	97 891	11 232,135	158 731,624	14,132	13,662	82	76	36 027	140,334	681,179	4,854	4,384
33	27	97 796	10 487,124	147 499,489	14,065	13,595	83	77	32 322	117,664	540,844	4,597	4,127
34	28	97 695	9 790,938	137 012,365	13,994	13,524	84	78	28 663	97,519	423,180	4,339	3,870
35	29	97 593	9 140,839	127 221,427	13,918	13,448	85	79	25 020	79,555	325,661	4,094	3,624
36	30	97 483	8 533,215	118 080,588	13,838	13,368	86	80	21 492	63,867	246,106	3,853	3,384
37	31	97 370	7 965,688	109 547,373	13,752	13,283	87	81	18 104	50,280	182,239	3,624	3,155
38	32	97 248	7 435,258	101 581,685	13,662	13,193	88	82	14 911	38,702	131,959	3,410	2,940
39	33	97 106	6 938,740	94 146,427	13,568	13,099	89	83	11 999	29,107	93,258	3,204	2,734
40	34	96 959	6 474,991	87 207,687	13,468	12,999	90	84	9 365	21,232	64,151	3,021	2,552
41	35	96 794	6 041,063	80 732,696	13,364	12,894	91	85	7 159	15,168	42,919	2,830	2,360
42	36	96 623	5 635,879	74 691,632	13,253	12,783	92	86	5 254	10,405	27,751	2,667	2,198
43	37	96 429	5 256,622	69 055,753	13,137	12,667	93	87	3 730	6,902	17,347	2,513	2,044
44	38	96 206	4 901,353	63 799,131	13,017	12,547	94	88	2 545	4,402	10,444	2,373	1,903
45	39	95 961	4 569,046	58 897,778	12,891	12,421	95	89	1 668	2,696	6,042	2,242	1,772
46	40	95 685	4 257,859	54 328,733	12,760	12,290	96	90	1 041	1,572	3,347	2,128	1,659
47	41	95 381	3 966,662	50 070,873	12,623	12,153	97	91	622	0,878	1,774	2,020	1,550
48	42	95 030	3 693,496	46 104,212	12,483	12,013	98	92	352	0,464	0,896	1,932	1,462
49	43	94 641	3 437,732	42 410,716	12,337	11,867	99	93	190	0,234	0,432	1,844	1,375
							100	94	97	0,112	0,198	1,765	1,296

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß   7,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	43	94 301	3 201,319	39 124,703	12,221	11,752
1							51	44	93 828	2 976,866	35 923,384	12,068	11,598
2							52	45	93 279	2 765,846	32 946,518	11,912	11,442
3							53	46	92 694	2 568,698	30 180,672	11,749	11,280
4							54	47	92 053	2 384,037	27 611,975	11,582	11,113
5							55	48	91 333	2 210,653	25 227,937	11,412	10,942
6							56	49	90 555	2 048,423	23 017,284	11,237	10,767
7	0	99 513	61 972,003	927 264,615	14,963	14,493	57	50	89 710	1 896,549	20 968,861	11,056	10,587
8	1	99 192	57 730,406	865 292,612	14,989	14,519	58	51	88 792	1 754,343	19 072,312	10,871	10,402
9	2	99 157	53 934,916	807 562,205	14,973	14,503	59	52	87 796	1 621,177	17 317,969	10,682	10,213
10	3	99 135	50 394,998	753 627,289	14,954	14,485	60	53	86 719	1 496,540	15 696,791	10,489	10,019
11	4	99 115	47 088,658	703 232,291	14,934	14,465	61	54	85 560	1 379,940	14 200,251	10,290	9,821
12	5	99 094	43 999,070	656 143,633	14,913	14,443	62	55	84 335	1 271,195	12 820,311	10,085	9,616
13	6	99 073	41 111,895	612 144,563	14,890	14,420	63	56	83 028	1 169,631	11 549,116	9,874	9,405
14	7	99 054	38 414,725	571 032,668	14,865	14,395	64	57	81 669	1 075,221	10 379,486	9,653	9,184
15	8	99 030	35 893,143	532 617,943	14,839	14,369	65	58	80 196	986,755	9 304,265	9,429	8,960
16	9	99 005	33 536,551	496 724,801	14,811	14,342	66	59	78 640	904,306	8 317,510	9,198	8,728
17	10	98 973	31 332,270	463 188,250	14,783	14,314	67	60	76 974	827,241	7 413,204	8,961	8,492
18	11	98 932	29 270,497	431 855,980	14,754	14,284	68	61	75 190	755,207	6 585,963	8,721	8,251
19	12	98 877	27 340,248	402 585,482	14,725	14,255	69	62	73 327	688,308	5 830,756	8,471	8,002
20	13	98 820	25 537,091	375 245,235	14,694	14,225	70	63	71 338	625,834	5 142,448	8,217	7,747
21	14	98 758	23 851,466	349 708,144	14,662	14,192	71	64	69 244	567,723	4 516,615	7,956	7,486
22	15	98 694	22 276,628	325 856,678	14,628	14,158	72	65	67 022	513,554	3 948,891	7,689	7,220
23	16	98 630	20 805,599	303 580,050	14,591	14,122	73	66	64 696	463,299	3 435,338	7,415	6,945
24	17	98 563	19 431,329	282 774,451	14,553	14,083	74	67	62 228	416,472	2 972,039	7,136	6,667
25	18	98 492	18 147,046	263 343,122	14,512	14,042	75	68	59 571	372,610	2 555,567	6,859	6,389
26	19	98 415	16 946,667	245 196,076	14,469	13,999	76	69	56 784	331,941	2 182,957	6,576	6,107
27	20	98 338	15 825,535	228 249,409	14,423	13,953	77	70	53 843	294,157	1 851,016	6,293	5,823
28	21	98 254	14 777,577	212 423,874	14,375	13,905	78	71	50 730	259,021	1 556,859	6,011	5,541
29	22	98 174	13 799,631	197 646,298	14,323	13,853	79	72	47 432	226,336	1 297,838	5,734	5,265
30	23	98 088	12 885,480	183 846,666	14,268	13,798	80	73	43 994	196,198	1 071,502	5,461	4,992
31	24	98 002	12 032,048	170 961,186	14,209	13,739	81	74	40 463	168,646	875,304	5,190	4,721
32	25	97 913	11 234,607	158 929,139	14,146	13,677	82	75	36 818	143,412	706,658	4,927	4,458
33	26	97 819	10 489,606	147 694,532	14,080	13,611	83	76	33 133	120,618	563,246	4,670	4,200
34	27	97 721	9 793,569	137 204,926	14,010	13,540	84	77	29 481	100,300	442,628	4,413	3,944
35	28	97 618	9 143,151	127 411,357	13,935	13,466	85	78	25 849	82,190	342,328	4,165	3,696
36	29	97 511	8 535,664	118 268,206	13,856	13,386	86	79	22 302	66,273	260,138	3,925	3,456
37	30	97 397	7 967,943	109 732,541	13,772	13,302	87	80	18 894	52,472	193,865	3,695	3,225
38	31	97 277	7 437,504	101 764,599	13,683	13,213	88	81	15 656	40,635	141,393	3,480	3,010
39	32	97 141	6 941,201	94 327,095	13,589	13,120	89	82	12 699	30,805	100,758	3,271	2,801
40	33	96 995	6 477,360	87 385,894	13,491	13,021	90	83	9 992	22,652	69,952	3,088	2,619
41	34	96 835	6 043,631	80 908,534	13,387	12,918	91	84	7 717	16,351	47,300	2,893	2,423
42	35	96 661	5 638,122	74 864,903	13,278	12,809	92	85	5 729	11,343	30,949	2,728	2,259
43	36	96 475	5 259,121	69 226,782	13,163	12,694	93	86	4 118	7,620	19,606	2,573	2,103
44	37	96 257	4 903,970	63 967,661	13,044	12,575	94	87	2 854	4,937	11,986	2,428	1,958
45	38	96 015	4 571,591	59 063,691	12,920	12,450	95	88	1 900	3,071	7,049	2,295	1,826
46	39	95 749	4 260,678	54 492,100	12,790	12,320	96	89	1 212	1,832	3,978	2,172	1,702
47	40	95 449	3 969,465	50 231,422	12,654	12,185	97	90	736	1,039	2,146	2,065	1,596
48	41	95 106	3 696,459	46 261,957	12,515	12,046	98	91	427	0,564	1,107	1,963	1,493
49	42	94 725	3 440,795	42 565,498	12,371	11,901	99	92	234	0,289	0,543	1,879	1,410
							100	93	123	0,141	0,254	1,797	1,328

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß   7,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	42	94 385	3 204,171	39 263,516	12,254	11,784
1							51	43	93 924	2 979,917	36 059,345	12,101	11,631
2							52	44	93 384	2 768,956	33 079,427	11,947	11,477
3							53	45	92 812	2 571,962	30 310,472	11,785	11,315
4							54	46	92 183	2 387,401	27 738,509	11,619	11,149
5							55	47	91 483	2 214,274	25 351,108	11,449	10,979
6							56	48	90 715	2 052,052	23 136,834	11,275	10,805
7							57	49	89 895	1 900,460	21 084,782	11,095	10,625
8	0	99 505	57 912,988	865 741,964	14,949	14,479	58	50	88 988	1 758,216	19 184,322	10,911	10,442
9	1	99 183	53 949,157	807 828,976	14,974	14,504	59	51	88 011	1 625,154	17 426,106	10,723	10,253
10	2	99 149	50 402,505	753 879,819	14,957	14,488	60	52	86 958	1 500,660	15 800,952	10,529	10,060
11	3	99 126	47 093,920	703 477,314	14,938	14,468	61	53	85 818	1 384,101	14 300,292	10,332	9,862
12	4	99 106	44 004,315	656 383,394	14,916	14,447	62	54	84 605	1 275,264	12 916,191	10,128	9,659
13	5	99 083	41 116,051	612 379,080	14,894	14,424	63	55	83 324	1 173,790	11 640,926	9,917	9,448
14	6	99 062	38 418,071	571 263,029	14,870	14,400	64	56	81 979	1 079,292	10 467,137	9,698	9,229
15	7	99 039	35 896,223	532 844,958	14,844	14,375	65	57	80 518	990,715	9 387,845	9,476	9,006
16	8	99 013	33 539,021	496 948,735	14,817	14,348	66	58	78 989	908,314	8 397,130	9,245	8,775
17	9	98 980	31 334,432	463 409,714	14,789	14,320	67	59	77 339	831,166	7 488,817	9,010	8,540
18	10	98 939	29 272,575	432 075,282	14,760	14,291	68	60	75 598	759,299	6 657,650	8,768	8,299
19	11	98 885	27 342,434	402 802,707	14,732	14,262	69	61	73 751	692,286	5 898,351	8,520	8,051
20	12	98 828	25 539,147	375 460,273	14,701	14,232	70	62	71 791	629,806	5 206,065	8,266	7,797
21	13	98 767	23 853,602	349 921,127	14,670	14,200	71	63	69 714	571,574	4 576,259	8,006	7,537
22	14	98 705	22 279,043	326 067,524	14,636	14,166	72	64	67 518	517,356	4 004,685	7,741	7,271
23	15	98 642	20 808,216	303 788,481	14,599	14,130	73	65	65 205	466,946	3 487,329	7,468	6,999
24	16	98 578	19 434,319	282 980,265	14,561	14,091	74	66	62 765	420,065	3 020,383	7,190	6,721
25	17	98 508	18 149,959	263 545,946	14,520	14,051	75	67	60 120	376,044	2 600,318	6,915	6,445
26	18	98 438	16 950,539	245 395,987	14,477	14,008	76	68	57 341	335,196	2 224,274	6,636	6,166
27	19	98 358	15 828,804	228 445,448	14,432	13,963	77	69	54 421	297,315	1 889,078	6,354	5,884
28	20	98 276	14 780,858	212 616,644	14,385	13,915	78	70	51 326	262,062	1 591,763	6,074	5,604
29	21	98 195	13 802,520	197 835,786	14,333	13,864	79	71	48 051	229,289	1 329,701	5,799	5,330
30	22	98 110	12 888,371	184 033,266	14,279	13,810	80	72	44 641	199,080	1 100,412	5,527	5,058
31	23	98 025	12 034,799	171 144,895	14,221	13,751	81	73	41 132	171,434	901,332	5,258	4,788
32	24	97 932	11 236,878	159 110,097	14,160	13,690	82	74	37 516	146,131	729,898	4,995	4,525
33	25	97 841	10 491,914	147 873,218	14,094	13,625	83	75	33 860	123,263	583,767	4,736	4,266
34	26	97 744	9 795,887	137 381,304	14,024	13,555	84	76	30 221	102,818	460,504	4,479	4,009
35	27	97 644	9 145,608	127 585,417	13,950	13,481	85	77	26 586	84,534	357,686	4,231	3,762
36	28	97 536	8 537,823	118 439,809	13,872	13,403	86	78	23 041	68,469	273,152	3,989	3,520
37	29	97 425	7 970,230	109 901,985	13,789	13,320	87	79	19 605	54,448	204,683	3,759	3,290
38	30	97 305	7 439,610	101 931,756	13,701	13,232	88	80	16 338	42,407	150,235	3,543	3,073
39	31	97 170	6 943,298	94 492,146	13,609	13,140	89	81	13 334	32,345	107,828	3,334	2,864
40	32	97 029	6 479,656	87 548,848	13,511	13,042	90	82	10 575	23,974	75,484	3,148	2,679
41	33	96 871	6 045,841	81 069,192	13,409	12,940	91	83	8 233	17,445	51,509	2,953	2,483
42	34	96 702	5 640,518	75 023,350	13,301	12,831	92	84	6 175	12,227	34,065	2,786	2,316
43	35	96 514	5 261,214	69 382,833	13,188	12,718	93	85	4 489	8,308	21,837	2,629	2,159
44	36	96 303	4 906,302	64 121,619	13,069	12,600	94	86	3 151	5,450	13,530	2,482	2,013
45	37	96 066	4 574,032	59 215,317	12,946	12,476	95	87	2 131	3,444	8,079	2,346	1,876
46	38	95 802	4 263,051	54 641,286	12,817	12,348	96	88	1 381	2,087	4,635	2,221	1,752
47	39	95 512	3 972,093	50 378,234	12,683	12,214	97	89	858	1,211	2,548	2,105	1,635
48	40	95 173	3 699,071	46 406,142	12,545	12,076	98	90	506	0,667	1,338	2,004	1,535
49	41	94 801	3 443,555	42 707,070	12,402	11,933	99	91	285	0,351	0,670	1,908	1,438
							100	92	151	0,174	0,319	1,829	1,360

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß   7,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	41	94 461	3 206,742	39 390,444	12,284	11,814
1							51	42	94 008	2 982,572	36 183,702	12,132	11,662
2							52	43	93 480	2 771,794	33 201,130	11,978	11,509
3							53	44	92 917	2 574,854	30 429,337	11,818	11,348
4							54	45	92 300	2 390,435	27 854,482	11,652	11,183
5							55	46	91 612	2 217,398	25 464,047	11,484	11,014
6							56	47	90 864	2 055,413	23 246,648	11,310	10,840
7							57	48	90 054	1 903,826	21 191,235	11,131	10,661
8							58	49	89 171	1 761,841	19 287,409	10,947	10,478
9	0	99 497	54 119,779	808 243,451	14,934	14,465	59	50	88 205	1 628,742	17 525,568	10,760	10,291
10	1	99 176	50 415,813	754 123,672	14,958	14,489	60	51	87 171	1 504,341	15 896,826	10,567	10,098
11	2	99 140	47 100,935	703 707,859	14,940	14,471	61	52	86 054	1 387,912	14 392,485	10,370	9,900
12	3	99 117	44 009,232	656 606,924	14,920	14,450	62	53	84 860	1 279,110	13 004,573	10,167	9,697
13	4	99 095	41 120,951	612 597,691	14,897	14,428	63	54	83 590	1 177,547	11 725,463	9,958	9,488
14	5	99 072	38 421,954	571 476,740	14,874	14,404	64	55	82 270	1 083,130	10 547,916	9,738	9,269
15	6	99 047	35 899,350	533 054,786	14,849	14,379	65	56	80 823	994,466	9 464,786	9,517	9,048
16	7	99 021	33 541,900	497 155,436	14,822	14,352	66	57	79 306	911,958	8 470,320	9,288	8,819
17	8	98 987	31 336,739	463 613,536	14,795	14,325	67	58	77 682	834,850	7 558,362	9,054	8,584
18	9	98 946	29 274,594	432 276,797	14,766	14,297	68	59	75 957	762,902	6 723,512	8,813	8,344
19	10	98 892	27 344,375	403 002,202	14,738	14,269	69	60	74 150	696,037	5 960,610	8,564	8,094
20	11	98 836	25 541,189	375 657,828	14,708	14,238	70	61	72 206	633,446	5 264,573	8,311	7,841
21	12	98 775	23 855,523	350 116,639	14,677	14,207	71	62	70 157	575,202	4 631,127	8,051	7,582
22	13	98 714	22 281,039	326 261,116	14,643	14,173	72	63	67 976	520,865	4 055,924	7,787	7,317
23	14	98 653	20 810,472	303 980,077	14,607	14,138	73	64	65 688	470,403	3 535,059	7,515	7,045
24	15	98 590	19 436,764	283 169,605	14,569	14,099	74	65	63 259	423,372	3 064,656	7,239	6,769
25	16	98 523	18 152,752	263 732,841	14,529	14,059	75	66	60 639	379,288	2 641,284	6,964	6,494
26	17	98 454	16 953,259	245 580,089	14,486	14,016	76	67	57 870	338,286	2 261,996	6,687	6,217
27	18	98 381	15 832,420	228 626,830	14,440	13,971	77	68	54 955	300,230	1 923,710	6,407	5,938
28	19	98 296	14 783,911	212 794,409	14,394	13,924	78	69	51 877	264,875	1 623,480	6,129	5,660
29	20	98 216	13 805,585	198 010,498	14,343	13,873	79	70	48 615	231,981	1 358,605	5,857	5,387
30	21	98 130	12 891,069	184 204,913	14,289	13,820	80	71	45 223	201,677	1 126,624	5,586	5,117
31	22	98 047	12 037,499	171 313,844	14,232	13,762	81	72	41 737	173,953	924,947	5,317	4,848
32	23	97 955	11 239,447	159 276,345	14,171	13,702	82	73	38 136	148,546	750,994	5,056	4,586
33	24	97 860	10 494,035	148 036,898	14,107	13,637	83	74	34 502	125,600	602,448	4,797	4,327
34	25	97 766	9 798,043	137 542,862	14,038	13,568	84	75	30 884	105,073	476,848	4,538	4,069
35	26	97 667	9 147,773	127 744,820	13,965	13,495	85	76	27 253	86,656	371,775	4,290	3,821
36	27	97 562	8 540,118	118 597,047	13,887	13,418	86	77	23 698	70,421	285,118	4,049	3,579
37	28	97 450	7 972,246	110 056,929	13,805	13,335	87	78	20 255	56,252	214,697	3,817	3,347
38	29	97 333	7 441,745	102 084,683	13,718	13,248	88	79	16 954	44,004	158,445	3,601	3,131
39	30	97 198	6 945,264	94 642,939	13,627	13,157	89	80	13 915	33,754	114,441	3,390	2,921
40	31	97 059	6 481,614	87 697,675	13,530	13,061	90	81	11 104	25,172	80,686	3,205	2,736
41	32	96 905	6 047,985	81 216,061	13,429	12,959	91	82	8 714	18,463	55,514	3,007	2,537
42	33	96 738	5 642,581	75 168,076	13,322	12,852	92	83	6 588	13,046	37,051	2,840	2,371
43	34	96 555	5 263,449	69 525,495	13,209	12,740	93	84	4 839	8,955	24,006	2,681	2,211
44	35	96 341	4 908,254	64 262,046	13,093	12,623	94	85	3 436	5,942	15,050	2,533	2,063
45	36	96 112	4 576,207	59 353,792	12,970	12,501	95	86	2 352	3,802	9,108	2,395	1,926
46	37	95 853	4 265,328	54 777,585	12,843	12,373	96	87	1 549	2,340	5,306	2,267	1,798
47	38	95 565	3 974,305	50 512,257	12,710	12,240	97	88	977	1,379	2,966	2,150	1,681
48	39	95 236	3 701,520	46 537,952	12,573	12,103	98	89	589	0,777	1,586	2,041	1,571
49	40	94 868	3 445,988	42 836,432	12,431	11,961	99	90	337	0,416	0,809	1,946	1,477
							100	91	184	0,212	0,393	1,855	1,386

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß   7,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	40	94 528	3 209,008	39 506,396	12,311	11,842
1							51	41	94 083	2 984,965	36 297,388	12,160	11,691
2							52	42	93 563	2 774,263	33 312,423	12,008	11,538
3							53	43	93 012	2 577,494	30 538,160	11,848	11,378
4							54	44	92 404	2 393,123	27 960,667	11,684	11,214
5							55	45	91 728	2 220,216	25 567,544	11,516	11,046
6							56	46	90 992	2 058,313	23 347,327	11,343	10,873
7							57	47	90 201	1 906,945	21 289,014	11,164	10,694
8							58	48	89 329	1 764,963	19 382,069	10,982	10,512
9							59	49	88 387	1 632,100	17 617,107	10,794	10,325
10	0	99 489	50 575,261	754 505,995	14,918	14,449	60	50	87 364	1 507,662	15 985,007	10,603	10,133
11	1	99 167	47 113,371	703 930,734	14,941	14,472	61	51	86 265	1 391,316	14 477,344	10,406	9,936
12	2	99 132	44 015,788	656 817,362	14,922	14,453	62	52	85 093	1 282,631	13 086,028	10,202	9,733
13	3	99 106	41 125,546	612 801,574	14,901	14,431	63	53	83 842	1 181,098	11 803,397	9,994	9,524
14	4	99 084	38 426,534	571 676,028	14,877	14,408	64	54	82 534	1 086,597	10 622,298	9,776	9,306
15	5	99 057	35 902,979	533 249,494	14,853	14,383	65	55	81 110	998,002	9 535,701	9,555	9,085
16	6	99 030	33 544,821	497 346,515	14,826	14,357	66	56	79 606	915,411	8 537,699	9,327	8,857
17	7	98 995	31 339,429	463 801,694	14,799	14,330	67	57	77 994	838,200	7 622,288	9,094	8,624
18	8	98 953	29 276,750	432 462,265	14,772	14,302	68	58	76 293	766,283	6 784,088	8,853	8,384
19	9	98 899	27 346,261	403 185,514	14,744	14,274	69	59	74 502	699,339	6 017,805	8,605	8,135
20	10	98 843	25 543,002	375 839,253	14,714	14,244	70	60	72 597	636,879	5 318,466	8,351	7,881
21	11	98 783	23 857,431	350 296,251	14,683	14,213	71	61	70 562	578,527	4 681,587	8,092	7,623
22	12	98 722	22 282,833	326 438,821	14,650	14,180	72	62	68 408	524,172	4 103,060	7,828	7,358
23	13	98 661	20 812,336	304 155,988	14,614	14,145	73	63	66 134	473,594	3 578,888	7,557	7,087
24	14	98 601	19 438,871	283 343,652	14,576	14,107	74	64	63 727	426,506	3 105,294	7,281	6,811
25	15	98 535	18 155,036	263 904,781	14,536	14,067	75	65	61 116	382,274	2 678,788	7,008	6,538
26	16	98 469	16 955,868	245 749,745	14,493	14,024	76	66	58 369	341,204	2 296,514	6,731	6,261
27	17	98 396	15 834,961	228 793,877	14,449	13,979	77	67	55 461	302,997	1 955,310	6,453	5,984
28	18	98 318	14 787,289	212 958,915	14,401	13,932	78	68	52 386	267,473	1 652,313	6,178	5,708
29	19	98 237	13 808,437	198 171,626	14,351	13,882	79	69	49 137	234,471	1 384,840	5,906	5,437
30	20	98 152	12 893,931	184 363,190	14,298	13,829	80	70	45 754	204,045	1 150,369	5,638	5,168
31	21	98 067	12 040,019	171 469,258	14,242	13,772	81	71	42 281	176,222	946,324	5,370	4,901
32	22	97 977	11 241,969	159 429,240	14,182	13,712	82	72	38 696	150,729	770,102	5,109	4,640
33	23	97 883	10 496,435	148 187,270	14,118	13,648	83	73	35 072	127,677	619,373	4,851	4,382
34	24	97 786	9 800,023	137 690,836	14,050	13,581	84	74	31 469	107,065	491,697	4,593	4,123
35	25	97 688	9 149,786	127 890,812	13,977	13,508	85	75	27 851	88,557	384,632	4,343	3,874
36	26	97 585	8 542,139	118 741,026	13,901	13,431	86	76	24 293	72,189	296,075	4,101	3,632
37	27	97 476	7 974,388	110 198,887	13,819	13,350	87	77	20 832	57,856	223,886	3,870	3,400
38	28	97 357	7 443,627	102 224,499	13,733	13,264	88	78	17 515	45,462	166,030	3,652	3,183
39	29	97 226	6 947,257	94 780,872	13,643	13,173	89	79	14 439	35,026	120,568	3,442	2,973
40	30	97 086	6 483,449	87 833,615	13,547	13,078	90	80	11 588	26,270	85,541	3,256	2,787
41	31	96 934	6 049,812	81 350,166	13,447	12,977	91	81	9 149	19,385	59,272	3,058	2,588
42	32	96 772	5 644,582	75 300,354	13,340	12,871	92	82	6 973	13,807	39,887	2,889	2,419
43	33	96 590	5 265,375	69 655,772	13,229	12,760	93	83	5 163	9,554	26,080	2,730	2,260
44	34	96 382	4 910,340	64 390,397	13,113	12,644	94	84	3 704	6,405	16,525	2,580	2,110
45	35	96 150	4 578,028	59 480,057	12,993	12,523	95	85	2 565	4,145	10,120	2,441	1,972
46	36	95 899	4 267,356	54 902,030	12,866	12,396	96	86	1 710	2,584	5,975	2,312	1,843
47	37	95 616	3 976,427	50 634,674	12,734	12,264	97	87	1 096	1,547	3,391	2,192	1,723
48	38	95 289	3 703,582	46 658,247	12,598	12,129	98	88	671	0,886	1,844	2,082	1,613
49	39	94 931	3 448,269	42 954,665	12,457	11,987	99	89	393	0,484	0,958	1,980	1,510
							100	90	218	0,251	0,474	1,891	1,421

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß   7,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$
0							50	39	94 590	3 211,132	39 612,355	12,336	11,866
1							51	40	94 150	2 987,074	36 401,223	12,186	11,717
2							52	41	93 638	2 776,488	33 414,149	12,035	11,565
3							53	42	93 095	2 579,790	30 637,660	11,876	11,407
4							54	43	92 498	2 395,576	28 057,871	11,712	11,243
5							55	44	91 831	2 222,713	25 662,294	11,545	11,076
6							56	45	91 108	2 060,929	23 439,582	11,373	10,904
7							57	46	90 329	1 909,635	21 378,652	11,195	10,726
8							58	47	89 476	1 767,853	19 469,017	11,013	10,543
9							59	48	88 544	1 634,992	17 701,164	10,826	10,357
10							60	49	87 544	1 510,771	16 066,172	10,634	10,165
11	0	99 480	47 262,375	704 283,421	14,902	14,432	61	50	86 456	1 394,388	14 555,401	10,439	9,969
12	1	99 158	44 027,410	657 021,046	14,923	14,453	62	51	85 302	1 285,777	13 161,013	10,236	9,766
13	2	99 121	41 131,673	612 993,636	14,903	14,434	63	52	84 073	1 184,350	11 875,236	10,027	9,557
14	3	99 095	38 430,828	571 861,964	14,880	14,411	64	53	82 782	1 089,874	10 690,886	9,809	9,340
15	4	99 069	35 907,258	533 431,136	14,856	14,386	65	54	81 370	1 001,197	9 601,012	9,590	9,120
16	5	99 040	33 548,212	497 523,878	14,830	14,361	66	55	79 889	918,666	8 599,815	9,361	8,892
17	6	99 004	31 342,159	463 975,665	14,804	14,334	67	56	78 289	841,373	7 681,149	9,129	8,660
18	7	98 962	29 279,263	432 633,507	14,776	14,307	68	57	76 599	769,357	6 839,775	8,890	8,421
19	8	98 906	27 348,275	403 354,243	14,749	14,279	69	58	74 832	702,439	6 070,418	8,642	8,172
20	9	98 850	25 544,764	376 005,968	14,719	14,250	70	59	72 942	639,900	5 367,979	8,389	7,919
21	10	98 790	23 859,124	350 461,204	14,689	14,219	71	60	70 945	581,662	4 728,078	8,129	7,659
22	11	98 730	22 284,615	326 602,080	14,656	14,186	72	61	68 803	527,201	4 146,417	7,865	7,395
23	12	98 669	20 814,011	304 317,465	14,621	14,151	73	62	66 553	476,600	3 619,215	7,594	7,124
24	13	98 610	19 440,613	283 503,454	14,583	14,114	74	63	64 160	429,399	3 142,615	7,319	6,849
25	14	98 546	18 157,004	264 062,841	14,543	14,074	75	64	61 569	385,104	2 713,216	7,045	6,576
26	15	98 481	16 958,001	245 905,838	14,501	14,031	76	65	58 828	343,890	2 328,111	6,770	6,300
27	16	98 411	15 837,398	228 947,836	14,456	13,987	77	66	55 940	305,611	1 984,221	6,493	6,023
28	17	98 334	14 789,662	213 110,438	14,409	13,940	78	67	52 869	269,938	1 678,610	6,219	5,749
29	18	98 259	13 811,592	198 320,775	14,359	13,889	79	68	49 619	236,771	1 408,672	5,950	5,480
30	19	98 172	12 896,595	184 509,184	14,307	13,837	80	69	46 245	206,235	1 171,901	5,682	5,213
31	20	98 089	12 042,692	171 612,589	14,250	13,781	81	70	42 777	178,291	965,666	5,416	4,947
32	21	97 997	11 244,323	159 569,897	14,191	13,722	82	71	39 201	152,695	787,375	5,157	4,687
33	22	97 905	10 498,790	148 325,574	14,128	13,658	83	72	35 588	129,552	634,680	4,899	4,430
34	23	97 808	9 802,264	137 826,784	14,061	13,591	84	73	31 989	108,835	505,128	4,641	4,172
35	24	97 708	9 151,636	128 024,520	13,989	13,520	85	74	28 379	90,236	396,293	4,392	3,922
36	25	97 606	8 544,019	118 872,884	13,913	13,443	86	75	24 825	73,772	306,058	4,149	3,679
37	26	97 499	7 976,276	110 328,866	13,832	13,363	87	76	21 355	59,309	232,285	3,917	3,447
38	27	97 383	7 445,627	102 352,590	13,747	13,277	88	77	18 015	46,758	172,976	3,699	3,230
39	28	97 250	6 949,014	94 906,963	13,658	13,188	89	78	14 918	36,187	126,218	3,488	3,018
40	29	97 114	6 485,310	87 957,948	13,563	13,093	90	79	12 024	27,259	90,031	3,303	2,833
41	30	96 962	6 051,525	81 472,639	13,463	12,994	91	80	9 548	20,230	62,772	3,103	2,633
42	31	96 801	5 646,287	75 421,113	13,358	12,888	92	81	7 321	14,497	42,542	2,935	2,465
43	32	96 624	5 267,242	69 774,827	13,247	12,777	93	82	5 464	10,112	28,045	2,773	2,304
44	33	96 418	4 912,136	64 507,585	13,132	12,663	94	83	3 951	6,834	17,933	2,624	2,155
45	34	96 191	4 579,973	59 595,449	13,012	12,543	95	84	2 765	4,469	11,099	2,484	2,014
46	35	95 937	4 269,054	55 015,476	12,887	12,418	96	85	1 865	2,817	6,631	2,354	1,884
47	36	95 661	3 978,318	50 746,422	12,756	12,286	97	86	1 210	1,708	3,814	2,233	1,764
48	37	95 340	3 705,559	46 768,105	12,621	12,152	98	87	753	0,993	2,106	2,121	1,651
49	38	94 983	3 450,190	43 062,545	12,481	12,012	99	88	447	0,552	1,113	2,018	1,548
							100	89	254	0,292	0,561	1,921	1,452

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß   7,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	38	94 643	3 212,921	39 709,018	12,359	11,890
1							51	39	94 212	2 989,051	36 496,097	12,210	11,740
2							52	40	93 704	2 778,451	33 507,045	12,060	11,590
3							53	41	93 169	2 581,859	30 728,595	11,902	11,432
4							54	42	92 581	2 397,710	28 146,736	11,739	11,269
5							55	43	91 926	2 224,991	25 749,025	11,573	11,103
6							56	44	91 210	2 063,247	23 524,034	11,401	10,932
7							57	45	90 443	1 912,062	21 460,788	11,224	10,754
8							58	46	89 602	1 770,348	19 548,725	11,042	10,573
9							59	47	88 689	1 637,669	17 778,378	10,856	10,386
10							60	48	87 699	1 513,447	16 140,708	10,665	10,195
11							61	49	86 634	1 397,263	14 627,261	10,469	9,999
12	0	99 472	44 166,653	657 346,421	14,883	14,414	62	50	85 490	1 288,616	13 229,998	10,267	9,797
13	1	99 147	41 142,533	613 179,768	14,904	14,434	63	51	84 280	1 187,255	11 941,382	10,058	9,588
14	2	99 110	38 436,553	572 037,235	14,883	14,413	64	52	83 010	1 092,874	10 754,127	9,840	9,371
15	3	99 080	35 911,271	533 600,682	14,859	14,389	65	53	81 616	1 004,216	9 661,252	9,621	9,151
16	4	99 052	33 552,211	497 689,412	14,833	14,364	66	54	80 145	921,607	8 657,036	9,393	8,924
17	5	99 014	31 345,327	464 137,201	14,807	14,338	67	55	78 568	844,365	7 735,429	9,161	8,692
18	6	98 971	29 281,814	432 791,874	14,780	14,311	68	56	76 889	772,271	6 891,064	8,923	8,454
19	7	98 914	27 350,623	403 510,060	14,753	14,284	69	57	75 133	705,257	6 118,793	8,676	8,206
20	8	98 857	25 546,645	376 159,438	14,724	14,255	70	58	73 265	642,736	5 413,536	8,423	7,953
21	9	98 797	23 860,770	350 612,792	14,694	14,225	71	59	71 281	584,422	4 770,799	8,163	7,694
22	10	98 737	22 286,197	326 752,022	14,662	14,192	72	60	69 176	530,058	4 186,378	7,898	7,428
23	11	98 677	20 815,676	304 465,826	14,627	14,157	73	61	66 938	479,355	3 656,320	7,628	7,158
24	12	98 618	19 442,178	283 650,150	14,589	14,120	74	62	64 567	432,125	3 176,965	7,352	6,882
25	13	98 555	18 158,630	264 207,972	14,550	14,080	75	63	61 987	387,717	2 744,840	7,080	6,610
26	14	98 492	16 959,840	246 049,342	14,508	14,038	76	64	59 264	346,436	2 357,123	6,804	6,334
27	15	98 424	15 839,391	229 089,502	14,463	13,994	77	65	56 380	308,017	2 010,687	6,528	6,058
28	16	98 349	14 791,938	213 250,111	14,417	13,947	78	66	53 325	272,267	1 702,670	6,254	5,784
29	17	98 275	13 813,808	198 458,173	14,367	13,897	79	67	50 076	238,953	1 430,403	5,986	5,517
30	18	98 195	12 899,541	184 644,365	14,314	13,845	80	68	46 699	208,258	1 191,450	5,721	5,252
31	19	98 109	12 045,180	171 744,823	14,258	13,789	81	69	43 237	180,205	983,192	5,456	4,986
32	20	98 019	11 246,819	159 699,643	14,200	13,730	82	70	39 661	154,488	802,988	5,198	4,728
33	21	97 925	10 500,988	148 452,824	14,137	13,668	83	71	36 052	131,242	648,500	4,941	4,472
34	22	97 830	9 804,464	137 951,836	14,070	13,601	84	72	32 459	110,434	517,258	4,684	4,214
35	23	97 731	9 153,728	128 147,373	13,999	13,530	85	73	28 848	91,727	406,824	4,435	3,966
36	24	97 626	8 545,746	118 993,645	13,924	13,455	86	74	25 296	75,171	315,097	4,192	3,722
37	25	97 520	7 978,031	110 447,899	13,844	13,374	87	75	21 824	60,610	239,926	3,959	3,489
38	26	97 406	7 447,390	102 469,868	13,759	13,290	88	76	18 467	47,932	179,316	3,741	3,272
39	27	97 276	6 950,882	95 022,478	13,671	13,201	89	77	15 343	37,218	131,384	3,530	3,061
40	28	97 139	6 486,950	88 071,596	13,577	13,107	90	78	12 423	28,162	94,165	3,344	2,874
41	29	96 989	6 053,262	81 584,646	13,478	13,008	91	79	9 908	20,992	66,003	3,144	2,675
42	30	96 829	5 647,885	75 531,384	13,373	12,904	92	80	7 640	15,129	45,011	2,975	2,506
43	31	96 653	5 268,833	69 883,499	13,264	12,794	93	81	5 737	10,617	29,882	2,814	2,345
44	32	96 452	4 913,878	64 614,666	13,149	12,680	94	82	4 182	7,233	19,265	2,664	2,194
45	33	96 226	4 581,648	59 700,788	13,030	12,561	95	83	2 950	4,768	12,032	2,524	2,054
46	34	95 978	4 270,868	55 119,140	12,906	12,436	96	84	2 010	3,036	7,264	2,392	1,923
47	35	95 700	3 979,901	50 848,272	12,776	12,307	97	85	1 319	1,862	4,228	2,271	1,801
48	36	95 385	3 707,321	46 868,371	12,642	12,173	98	86	831	1,096	2,366	2,158	1,689
49	37	95 034	3 452,032	43 161,050	12,503	12,034	99	87	502	0,619	1,270	2,053	1,583
							100	88	289	0,333	0,651	1,956	1,487

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß   7,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	37	94 694	3 214,636	39 797,270	12,380	11,911
1							51	38	94 264	2 990,716	36 582,633	12,232	11,763
2							52	39	93 766	2 780,290	33 591,917	12,082	11,613
3							53	40	93 235	2 583,684	30 811,627	11,925	11,456
4							54	41	92 655	2 399,634	28 227,943	11,763	11,294
5							55	42	92 007	2 226,973	25 828,310	11,598	11,128
6							56	43	91 304	2 065,361	23 601,336	11,427	10,958
7							57	44	90 545	1 914,212	21 535,975	11,251	10,781
8							58	45	89 716	1 772,598	19 621,763	11,069	10,600
9							59	46	88 814	1 639,980	17 849,165	10,884	10,414
10							60	47	87 843	1 515,926	16 209,185	10,693	10,223
11							61	48	86 788	1 399,738	14 693,259	10,497	10,028
12							62	49	85 667	1 291,273	13 293,520	10,295	9,825
13	0	99 461	41 272,653	613 479,971	14,864	14,395	63	50	84 466	1 189,876	12 002,247	10,087	9,617
14	1	99 136	38 446,701	572 207,318	14,883	14,414	64	51	83 214	1 095,555	10 812,371	9,869	9,400
15	2	99 095	35 916,620	533 760,617	14,861	14,392	65	52	81 840	1 006,981	9 716,816	9,649	9,180
16	3	99 063	33 555,960	497 843,997	14,836	14,367	66	53	80 386	924,387	8 709,835	9,422	8,953
17	4	99 026	31 349,063	464 288,037	14,810	14,341	67	54	78 819	847,068	7 785,449	9,191	8,722
18	5	98 981	29 284,773	432 938,973	14,784	14,314	68	55	77 163	775,017	6 938,380	8,953	8,483
19	6	98 923	27 353,005	403 654,200	14,757	14,288	69	56	75 417	707,928	6 163,364	8,706	8,237
20	7	98 866	25 548,838	376 301,195	14,729	14,259	70	57	73 559	645,315	5 455,436	8,454	7,984
21	8	98 804	23 862,527	350 752,357	14,699	14,229	71	58	71 597	587,012	4 810,120	8,194	7,725
22	9	98 744	22 287,734	326 889,830	14,667	14,197	72	59	69 504	532,573	4 223,109	7,930	7,460
23	10	98 684	20 817,153	304 602,096	14,632	14,163	73	60	67 301	481,952	3 690,536	7,657	7,188
24	11	98 626	19 443,733	283 784,942	14,595	14,126	74	61	64 940	434,623	3 208,584	7,382	6,913
25	12	98 563	18 160,092	264 341,210	14,556	14,087	75	62	62 380	390,178	2 773,961	7,109	6,640
26	13	98 501	16 961,359	246 181,118	14,514	14,045	76	63	59 666	348,786	2 383,783	6,835	6,365
27	14	98 435	15 841,108	229 219,759	14,470	14,000	77	64	56 798	310,298	2 034,997	6,558	6,089
28	15	98 362	14 793,799	213 378,651	14,424	13,954	78	65	53 745	274,410	1 724,699	6,285	5,816
29	16	98 290	13 815,934	198 584,851	14,374	13,904	79	66	50 508	241,015	1 450,289	6,017	5,548
30	17	98 210	12 901,612	184 768,917	14,321	13,852	80	67	47 129	210,177	1 209,275	5,754	5,284
31	18	98 132	12 047,932	171 867,306	14,265	13,796	81	68	43 661	181,972	999,098	5,490	5,021
32	19	98 039	11 249,143	159 819,374	14,207	13,738	82	69	40 087	156,146	817,126	5,233	4,764
33	20	97 947	10 503,319	148 570,231	14,145	13,676	83	70	36 475	132,783	660,980	4,978	4,508
34	21	97 851	9 806,516	138 066,912	14,079	13,610	84	71	32 883	111,874	528,197	4,721	4,252
35	22	97 752	9 155,782	128 260,396	14,009	13,539	85	72	29 272	93,075	416,322	4,473	4,003
36	23	97 648	8 547,700	119 104,614	13,934	13,465	86	73	25 714	76,414	323,247	4,230	3,761
37	24	97 540	7 979,644	110 556,914	13,855	13,385	87	74	22 238	61,759	246,834	3,997	3,527
38	25	97 428	7 449,028	102 577,270	13,771	13,301	88	75	18 872	48,983	185,075	3,778	3,309
39	26	97 299	6 952,527	95 128,242	13,683	13,213	89	76	15 728	38,153	136,092	3,567	3,097
40	27	97 165	6 488,693	88 175,715	13,589	13,120	90	77	12 777	28,965	97,939	3,381	2,912
41	28	97 014	6 054,793	81 687,021	13,491	13,022	91	78	10 236	21,688	68,973	3,180	2,711
42	29	96 857	5 649,506	75 632,228	13,387	12,918	92	79	7 928	15,699	47,286	3,012	2,543
43	30	96 681	5 270,325	69 982,722	13,279	12,809	93	80	5 987	11,080	31,587	2,851	2,381
44	31	96 481	4 915,362	64 712,397	13,165	12,696	94	81	4 391	7,594	20,507	2,700	2,231
45	32	96 260	4 583,273	59 797,035	13,047	12,577	95	82	3 122	5,046	12,913	2,559	2,090
46	33	96 013	4 272,430	55 213,762	12,923	12,454	96	83	2 144	3,240	7,867	2,428	1,959
47	34	95 740	3 981,592	50 941,332	12,794	12,325	97	84	1 422	2,007	4,627	2,306	1,836
48	35	95 423	3 708,796	46 959,740	12,662	12,192	98	85	906	1,195	2,621	2,192	1,723
49	36	95 079	3 453,674	43 250,944	12,523	12,054	99	86	554	0,683	1,425	2,087	1,617
							100	87	324	0,373	0,742	1,988	1,519

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß   7,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	36	94 739	3 216,165	39 877,797	12,399	11,930
1							51	37	94 315	2 992,313	36 661,632	12,252	11,782
2							52	38	93 818	2 781,839	33 669,318	12,103	11,634
3							53	39	93 297	2 585,394	30 887,480	11,947	11,477
4							54	40	92 720	2 401,329	28 302,086	11,786	11,316
5							55	41	92 081	2 228,760	25 900,756	11,621	11,152
6							56	42	91 385	2 067,201	23 671,996	11,451	10,982
7							57	43	90 638	1 916,174	21 604,795	11,275	10,805
8							58	44	89 817	1 774,591	19 688,621	11,095	10,625
9							59	45	88 927	1 642,064	17 914,030	10,909	10,440
10							60	46	87 966	1 518,065	16 271,966	10,719	10,249
11							61	47	86 930	1 402,031	14 753,900	10,523	10,054
12							62	48	85 819	1 293,561	13 351,870	10,322	9,852
13							63	49	84 640	1 192,330	12 058,309	10,113	9,644
14	0	99 450	38 568,295	572 484,323	14,843	14,374	64	50	83 398	1 097,974	10 865,979	9,896	9,427
15	1	99 121	35 926,103	533 916,028	14,862	14,392	65	51	82 041	1 009,451	9 768,005	9,677	9,207
16	2	99 077	33 560,959	497 989,924	14,838	14,369	66	52	80 608	926,931	8 758,555	9,449	8,979
17	3	99 037	31 352,566	464 428,966	14,813	14,344	67	53	79 057	849,623	7 831,623	9,218	8,748
18	4	98 992	29 288,264	433 076,399	14,787	14,317	68	54	77 410	777,498	6 982,001	8,980	8,511
19	5	98 933	27 355,770	403 788,135	14,761	14,291	69	55	75 685	710,445	6 204,503	8,733	8,264
20	6	98 875	25 551,063	376 432,365	14,733	14,263	70	56	73 838	647,759	5 494,058	8,482	8,012
21	7	98 813	23 864,576	350 881,302	14,703	14,234	71	57	71 884	589,367	4 846,299	8,223	7,753
22	8	98 751	22 289,376	327 016,727	14,671	14,202	72	58	69 812	534,933	4 256,932	7,958	7,488
23	9	98 691	20 818,590	304 727,351	14,637	14,168	73	59	67 620	484,239	3 721,999	7,686	7,217
24	10	98 633	19 445,113	283 908,761	14,601	14,131	74	60	65 292	436,978	3 237,760	7,409	6,940
25	11	98 571	18 161,544	264 463,649	14,562	14,092	75	61	62 741	392,433	2 800,782	7,137	6,667
26	12	98 509	16 962,724	246 302,104	14,520	14,051	76	62	60 045	351,000	2 408,349	6,861	6,392
27	13	98 443	15 842,527	229 339,380	14,476	14,007	77	63	57 183	312,402	2 057,349	6,586	6,116
28	14	98 372	14 795,403	213 496,853	14,430	13,960	78	64	54 142	276,442	1 744,946	6,312	5,843
29	15	98 302	13 817,672	198 701,450	14,380	13,911	79	65	50 906	242,912	1 468,505	6,045	5,576
30	16	98 225	12 903,597	184 883,778	14,328	13,859	80	66	47 536	211,991	1 225,593	5,781	5,312
31	17	98 148	12 049,865	171 980,180	14,272	13,803	81	67	44 063	183,649	1 013,602	5,519	5,050
32	18	98 062	11 251,713	159 930,315	14,214	13,744	82	68	40 480	157,677	829,953	5,264	4,794
33	19	97 967	10 505,489	148 678,602	14,152	13,683	83	69	36 867	134,209	672,276	5,009	4,540
34	20	97 872	9 808,693	138 173,113	14,087	13,617	84	70	33 269	113,188	538,067	4,754	4,284
35	21	97 773	9 157,699	128 364,420	14,017	13,548	85	71	29 654	94,289	424,880	4,506	4,037
36	22	97 670	8 549,618	119 206,721	13,943	13,473	86	72	26 092	77,536	330,591	4,264	3,794
37	23	97 562	7 981,468	110 657,103	13,864	13,395	87	73	22 605	62,780	253,055	4,031	3,561
38	24	97 448	7 450,535	102 675,635	13,781	13,311	88	74	19 230	49,912	190,275	3,812	3,343
39	25	97 321	6 954,057	95 225,101	13,693	13,224	89	75	16 073	38,990	140,363	3,600	3,130
40	26	97 188	6 490,229	88 271,044	13,601	13,131	90	76	13 098	29,693	101,373	3,414	2,945
41	27	97 040	6 056,420	81 780,814	13,503	13,034	91	77	10 528	22,306	71,681	3,213	2,744
42	28	96 881	5 650,935	75 724,394	13,400	12,931	92	78	8 191	16,219	49,374	3,044	2,575
43	29	96 708	5 271,837	70 073,459	13,292	12,823	93	79	6 213	11,497	33,156	2,884	2,414
44	30	96 508	4 916,754	64 801,622	13,180	12,710	94	80	4 582	7,925	21,658	2,733	2,263
45	31	96 289	4 584,658	59 884,868	13,062	12,593	95	81	3 278	5,298	13,733	2,592	2,123
46	32	96 047	4 273,945	55 300,210	12,939	12,469	96	82	2 270	3,429	8,435	2,460	1,991
47	33	95 775	3 983,049	51 026,266	12,811	12,341	97	83	1 517	2,141	5,007	2,338	1,869
48	34	95 464	3 710,373	47 043,217	12,679	12,209	98	84	977	1,289	2,865	2,224	1,754
49	35	95 117	3 455,048	43 332,844	12,542	12,072	99	85	604	0,745	1,577	2,118	1,648
							100	86	358	0,412	0,832	2,019	1,549

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß   7,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	35	94 776	3 217,445	39 951,150	12,417	11,948
1							51	36	94 360	2 993,736	36 733,706	12,270	11,801
2							52	37	93 869	2 783,324	33 739,969	12,122	11,653
3							53	38	93 349	2 586,834	30 956,645	11,967	11,497
4							54	39	92 782	2 402,919	28 369,811	11,806	11,337
5							55	40	92 146	2 230,335	25 966,892	11,643	11,173
6							56	41	91 458	2 068,859	23 736,557	11,473	11,004
7							57	42	90 719	1 917,881	21 667,698	11,298	10,828
8							58	43	89 909	1 776,410	19 749,816	11,118	10,648
9							59	44	89 027	1 643,911	17 973,407	10,933	10,464
10							60	45	88 078	1 519,995	16 329,496	10,743	10,274
11							61	46	87 052	1 404,009	14 809,501	10,548	10,078
12							62	47	85 959	1 295,679	13 405,492	10,346	9,877
13							63	48	84 790	1 194,442	12 109,813	10,138	9,669
14							64	49	83 570	1 100,238	10 915,371	9,921	9,451
15	0	99 435	36 039,725	534 171,647	14,822	14,352	65	50	82 222	1 011,679	9 815,133	9,702	9,232
16	1	99 104	33 569,820	498 131,922	14,839	14,369	66	51	80 805	929,205	8 803,454	9,474	9,005
17	2	99 052	31 357,237	464 562,102	14,815	14,346	67	52	79 274	851,962	7 874,249	9,242	8,773
18	3	99 003	29 291,537	433 204,865	14,789	14,320	68	53	77 643	779,842	7 022,287	9,005	8,535
19	4	98 945	27 359,030	403 913,328	14,763	14,294	69	54	75 928	712,720	6 242,445	8,759	8,289
20	5	98 885	25 553,646	376 554,298	14,736	14,266	70	55	74 100	650,062	5 529,725	8,506	8,037
21	6	98 821	23 866,654	351 000,652	14,707	14,237	71	56	72 156	591,599	4 879,663	8,248	7,779
22	7	98 759	22 291,289	327 133,998	14,675	14,206	72	57	70 092	537,080	4 288,064	7,984	7,515
23	8	98 698	20 820,123	304 842,709	14,642	14,172	73	58	67 920	486,385	3 750,985	7,712	7,242
24	9	98 640	19 446,454	284 022,586	14,605	14,136	74	59	65 602	439,011	3 264,600	7,436	6,966
25	10	98 578	18 162,834	264 576,132	14,567	14,097	75	60	63 081	394,559	2 825,549	7,161	6,692
26	11	98 516	16 964,081	246 413,298	14,526	14,056	76	61	60 392	353,029	2 430,989	6,886	6,417
27	12	98 451	15 843,802	229 449,217	14,482	14,012	77	62	57 546	314,386	2 077,960	6,610	6,140
28	13	98 381	14 796,728	213 605,415	14,436	13,966	78	63	54 510	278,317	1 763,575	6,337	5,867
29	14	98 313	13 819,170	198 808,687	14,386	13,917	79	64	51 283	244,710	1 485,258	6,069	5,600
30	15	98 238	12 905,221	184 989,516	14,334	13,865	80	65	47 910	213,659	1 240,548	5,806	5,337
31	16	98 163	12 051,720	172 084,296	14,279	13,809	81	66	44 443	185,234	1 026,889	5,544	5,074
32	17	98 077	11 253,519	160 032,576	14,221	13,751	82	67	40 853	159,131	841,655	5,289	4,820
33	18	97 990	10 507,889	148 779,057	14,159	13,689	83	68	37 228	135,525	682,525	5,036	4,567
34	19	97 892	9 810,720	138 271,168	14,094	13,624	84	69	33 626	114,403	547,000	4,781	4,312
35	20	97 795	9 159,732	128 460,449	14,024	13,555	85	70	30 002	95,396	432,597	4,535	4,065
36	21	97 691	8 551,408	119 300,716	13,951	13,481	86	71	26 432	78,548	337,201	4,293	3,823
37	22	97 584	7 983,259	110 749,309	13,873	13,403	87	72	22 937	63,702	258,653	4,060	3,591
38	23	97 470	7 452,238	102 766,050	13,790	13,320	88	73	19 548	50,737	194,951	3,842	3,373
39	24	97 340	6 955,463	95 313,812	13,703	13,234	89	74	16 378	39,729	144,214	3,630	3,160
40	25	97 209	6 491,657	88 358,349	13,611	13,142	90	75	13 385	30,344	104,485	3,443	2,974
41	26	97 063	6 057,854	81 866,692	13,514	13,045	91	76	10 792	22,866	74,142	3,242	2,773
42	27	96 907	5 652,454	75 808,838	13,412	12,942	92	77	8 424	16,681	51,275	3,074	2,604
43	28	96 733	5 273,171	70 156,384	13,304	12,835	93	78	6 419	11,878	34,594	2,912	2,443
44	29	96 536	4 918,165	64 883,213	13,193	12,723	94	79	4 755	8,224	22,716	2,762	2,293
45	30	96 316	4 585,955	59 965,048	13,076	12,606	95	80	3 420	5,529	14,492	2,621	2,152
46	31	96 076	4 275,236	55 379,093	12,953	12,484	96	81	2 383	3,600	8,963	2,490	2,020
47	32	95 809	3 984,461	51 103,857	12,826	12,356	97	82	1 605	2,266	5,363	2,367	1,897
48	33	95 499	3 711,730	47 119,396	12,695	12,225	98	83	1 042	1,375	3,097	2,253	1,783
49	34	95 158	3 456,516	43 407,666	12,558	12,089	99	84	651	0,803	1,722	2,146	1,676
							100	85	390	0,449	0,920	2,047	1,577

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß 7,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16	0	99 417	33 675,990	498 367,826	14,799	14,329
17	1	99 078	31 365,516	464 691,837	14,815	14,346
18	2	99 018	29 295,900	433 326,320	14,791	14,322
19	3	98 956	27 362,088	404 030,420	14,766	14,297
20	4	98 896	25 556,692	376 668,333	14,739	14,269
21	5	98 831	23 869,067	351 111,641	14,710	14,240
22	6	98 768	22 293,230	327 242,574	14,679	14,209
23	7	98 707	20 821,910	304 949,344	14,646	14,176
24	8	98 647	19 447,886	284 127,434	14,610	14,140
25	9	98 584	18 164,087	264 679,547	14,572	14,102
26	10	98 523	16 965,285	246 515,461	14,531	14,061
27	11	98 459	15 845,069	229 550,176	14,487	14,018
28	12	98 389	14 797,920	213 705,106	14,442	13,972
29	13	98 322	13 820,408	198 907,187	14,392	13,923
30	14	98 248	12 906,619	185 086,779	14,340	13,871
31	15	98 175	12 053,236	172 180,159	14,285	13,815
32	16	98 093	11 255,250	160 126,923	14,227	13,757
33	17	98 005	10 509,576	148 871,673	14,165	13,696
34	18	97 915	9 812,961	138 362,097	14,100	13,630
35	19	97 815	9 161,624	128 549,136	14,031	13,562
36	20	97 712	8 553,306	119 387,512	13,958	13,489
37	21	97 605	7 984,206	110 834,205	13,880	13,411
38	22	97 492	7 453,910	102 849,275	13,798	13,329
39	23	97 363	6 957,053	95 395,365	13,712	13,243
40	24	97 229	6 492,970	88 438,312	13,621	13,151
41	25	97 084	6 059,187	81 945,342	13,524	13,055
42	26	96 930	5 653,792	75 886,155	13,422	12,953
43	27	96 759	5 274,588	70 232,364	13,315	12,846
44	28	96 560	4 919,409	64 957,776	13,204	12,735
45	29	96 344	4 587,272	60 038,367	13,088	12,619
46	30	96 103	4 276,446	55 451,095	12,967	12,497
47	31	95 838	3 985,665	51 174,649	12,840	12,370
48	32	95 533	3 713,046	47 188,984	12,709	12,239
49	33	95 192	3 457,781	43 475,938	12,573	12,104

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
50	34	94 817	3 218,812	40 018,158	12,433	11,963
51	35	94 397	2 994,927	36 799,346	12,287	11,818
52	36	93 913	2 784,647	33 804,419	12,140	11,670
53	37	93 399	2 588,216	31 019,771	11,985	11,515
54	38	92 834	2 404,258	28 431,556	11,826	11,356
55	39	92 207	2 231,811	26 027,298	11,662	11,192
56	40	91 523	2 070,322	23 795,487	11,494	11,024
57	41	90 792	1 919,420	21 725,165	11,319	10,849
58	42	89 989	1 777,992	19 805,745	11,139	10,670
59	43	89 118	1 645,596	18 027,753	10,955	10,486
60	44	88 177	1 521,704	16 382,157	10,766	10,296
61	45	87 163	1 405,793	14 860,454	10,571	10,101
62	46	86 080	1 297,508	13 454,660	10,370	9,900
63	47	84 929	1 196,398	12 157,153	10,161	9,692
64	48	83 718	1 102,187	10 960,755	9,945	9,475
65	49	82 392	1 013,765	9 858,568	9,725	9,255
66	50	80 984	931,257	8 844,802	9,498	9,028
67	51	79 469	854,051	7 913,546	9,266	8,796
68	52	77 857	781,989	7 059,494	9,028	8,558
69	53	76 157	714,869	6 277,505	8,781	8,312
70	54	74 337	652,143	5 562,636	8,530	8,060
71	55	72 413	593,702	4 910,493	8,271	7,801
72	56	70 358	539,113	4 316,791	8,007	7,538
73	57	68 192	488,337	3 777,677	7,736	7,266
74	58	65 892	440,997	3 289,341	7,459	6,989
75	59	63 380	396,431	2 848,344	7,185	6,715
76	60	60 719	354,942	2 451,913	6,908	6,438
77	61	57 878	316,203	2 096,971	6,632	6,162
78	62	54 856	280,083	1 780,768	6,358	5,888
79	63	51 631	246,370	1 500,685	6,091	5,622
80	64	48 264	215,241	1 254,314	5,827	5,358
81	65	44 793	186,692	1 039,073	5,566	5,096
82	66	41 205	160,504	852,382	5,311	4,841
83	67	37 571	136,774	691,878	5,059	4,589
84	68	33 956	115,525	555,104	4,805	4,336
85	69	30 324	96,420	439,580	4,559	4,089
86	70	26 743	79,470	343,159	4,318	3,849
87	71	23 236	64,533	263,690	4,086	3,617
88	72	19 835	51,483	199,157	3,868	3,399
89	73	16 649	40,385	147,674	3,657	3,187
90	74	13 639	30,919	107,289	3,470	3,000
91	75	11 029	23,368	76,370	3,268	2,799
92	76	8 636	17,100	53,002	3,100	2,630
93	77	6 602	12,217	35,902	2,939	2,469
94	78	4 912	8,496	23,685	2,788	2,318
95	79	3 549	5,737	15,189	2,647	2,178
96	80	2 487	3,757	9,452	2,516	2,046
97	81	1 685	2,379	5,695	2,393	1,924
98	82	1 103	1,455	3,315	2,278	1,809
99	83	694	0,856	1,860	2,172	1,703
100	84	420	0,484	1,004	2,073	1,603

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß   7,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	33	94 851	3 219,989	40 079,290	12,447	11,978
1							51	34	94 437	2 996,200	36 859,301	12,302	11,833
2							52	35	93 951	2 785,755	33 863,101	12,156	11,686
3							53	36	93 443	2 589,446	31 077,346	12,002	11,532
4							54	37	92 883	2 405,541	28 487,900	11,843	11,373
5							55	38	92 259	2 233,054	26 082,358	11,680	11,211
6							56	39	91 583	2 071,692	23 849,304	11,512	11,042
7							57	40	90 856	1 920,776	21 777,612	11,338	10,868
8							58	41	90 061	1 779,418	19 856,835	11,159	10,690
9							59	42	89 198	1 647,062	18 077,417	10,976	10,506
10							60	43	88 268	1 523,263	16 430,355	10,786	10,317
11							61	44	87 261	1 407,374	14 907,092	10,592	10,123
12							62	45	86 190	1 299,157	13 499,718	10,391	9,922
13							63	46	85 048	1 198,086	12 200,561	10,183	9,714
14							64	47	83 855	1 103,992	11 002,475	9,966	9,497
15							65	48	82 538	1 015,561	9 898,483	9,747	9,277
16							66	49	81 151	933,177	8 882,921	9,519	9,049
17	0	99 391	31 464,714	464 909,558	14,776	14,306	67	50	79 644	855,937	7 949,745	9,288	8,818
18	1	99 044	29 303,635	433 444,844	14,792	14,322	68	51	78 048	783,907	7 093,808	9,049	8,580
19	2	98 970	27 366,164	404 141,208	14,768	14,298	69	52	76 366	716,837	6 309,900	8,802	8,333
20	3	98 907	25 559,548	376 775,045	14,741	14,272	70	53	74 562	654,110	5 593,063	8,551	8,081
21	4	98 843	23 871,912	351 215,497	14,712	14,243	71	54	72 645	595,603	4 938,953	8,292	7,823
22	5	98 778	22 295,484	327 343,585	14,682	14,213	72	55	70 608	541,030	4 343,351	8,028	7,558
23	6	98 715	20 823,723	305 048,102	14,649	14,180	73	56	68 450	490,186	3 802,320	7,757	7,287
24	7	98 655	19 449,556	284 224,378	14,613	14,144	74	57	66 157	442,766	3 312,135	7,481	7,011
25	8	98 592	18 165,424	264 774,822	14,576	14,106	75	58	63 661	398,188	2 869,368	7,206	6,737
26	9	98 530	16 966,456	246 609,398	14,535	14,066	76	59	61 007	356,626	2 471,180	6,929	6,460
27	10	98 466	15 846,194	229 642,943	14,492	14,022	77	60	58 192	317,916	2 114,554	6,651	6,182
28	11	98 397	14 799,103	213 796,748	14,447	13,977	78	61	55 173	281,702	1 796,638	6,378	5,908
29	12	98 330	13 821,521	198 997,646	14,398	13,928	79	62	51 958	247,934	1 514,936	6,110	5,641
30	13	98 257	12 907,776	185 176,125	14,346	13,877	80	63	48 592	216,701	1 267,002	5,847	5,377
31	14	98 186	12 054,543	172 268,349	14,291	13,821	81	64	45 125	188,074	1 050,300	5,585	5,115
32	15	98 105	11 256,666	160 213,806	14,233	13,763	82	65	41 530	161,767	862,227	5,330	4,861
33	16	98 020	10 511,193	148 957,140	14,171	13,702	83	66	37 895	137,954	700,460	5,077	4,608
34	17	97 931	9 814,536	138 445,947	14,106	13,637	84	67	34 269	116,589	562,506	4,825	4,355
35	18	97 837	9 163,717	128 631,411	14,037	13,568	85	68	30 622	97,366	445,916	4,580	4,110
36	19	97 733	8 555,073	119 467,694	13,965	13,495	86	69	27 030	80,323	348,551	4,339	3,870
37	20	97 626	7 986,703	110 912,620	13,887	13,418	87	70	23 509	65,291	268,228	4,108	3,639
38	21	97 512	7 455,470	102 925,917	13,805	13,336	88	71	20 094	52,154	202,937	3,891	3,422
39	22	97 385	6 958,614	95 470,447	13,720	13,250	89	72	16 893	40,979	150,783	3,680	3,210
40	23	97 251	6 494,454	88 511,833	13,629	13,159	90	73	13 864	31,430	109,804	3,494	3,024
41	24	97 104	6 060,412	82 017,378	13,533	13,064	91	74	11 238	23,811	78,374	3,292	2,822
42	25	96 951	5 655,036	75 956,967	13,432	12,962	92	75	8 825	17,475	54,563	3,122	2,653
43	26	96 782	5 275,836	70 301,931	13,325	12,856	93	76	6 767	12,524	37,088	2,961	2,492
44	27	96 586	4 920,731	65 026,094	13,215	12,745	94	77	5 053	8,738	24,565	2,811	2,342
45	28	96 368	4 588,432	60 105,363	13,099	12,630	95	78	3 667	5,927	15,826	2,670	2,201
46	29	96 131	4 277,674	55 516,931	12,978	12,509	96	79	2 581	3,898	9,899	2,539	2,070
47	30	95 865	3 986,793	51 239,258	12,852	12,383	97	80	1 759	2,483	6,001	2,417	1,947
48	31	95 561	3 714,168	47 252,464	12,722	12,253	98	81	1 158	1,528	3,517	2,302	1,833
49	32	95 226	3 459,007	43 538,297	12,587	12,117	99	82	735	0,906	1,990	2,195	1,726
							100	83	448	0,517	1,083	2,096	1,627

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß   7,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	32	94 885	3 221,131	40 135,121	12,460	11,990
1							51	33	94 472	2 997,296	36 913,990	12,316	11,846
2							52	34	93 990	2 786,939	33 916,694	12,170	11,700
3							53	35	93 480	2 590,476	31 129,755	12,017	11,547
4							54	36	92 927	2 406,685	28 539,278	11,858	11,389
5							55	37	92 308	2 234,247	26 132,593	11,696	11,227
6							56	38	91 634	2 072,846	23 898,346	11,529	11,060
7							57	39	90 916	1 922,048	21 825,500	11,355	10,886
8							58	40	90 125	1 780,676	19 903,452	11,177	10,708
9							59	41	89 269	1 648,383	18 122,776	10,994	10,525
10							60	42	88 346	1 524,620	16 474,393	10,806	10,336
11							61	43	87 350	1 408,817	14 949,773	10,612	10,142
12							62	44	86 287	1 300,617	13 540,956	10,411	9,942
13							63	45	85 156	1 199,609	12 240,339	10,204	9,734
14							64	46	83 973	1 105,550	11 040,730	9,987	9,517
15							65	47	82 673	1 017,225	9 935,180	9,767	9,297
16							66	48	81 295	934,830	8 917,955	9,540	9,070
17							67	49	79 809	857,702	7 983,125	9,308	8,838
18	0	99 358	29 396,313	433 645,793	14,752	14,282	68	50	78 220	785,638	7 125,424	9,070	8,600
19	1	98 997	27 373,389	404 249,481	14,768	14,298	69	51	76 553	718,595	6 339,785	8,822	8,353
20	2	98 922	25 563,355	376 876,091	14,743	14,273	70	52	74 767	655,911	5 621,190	8,570	8,101
21	3	98 854	23 874,579	351 312,736	14,715	14,245	71	53	72 864	597,399	4 965,280	8,311	7,842
22	4	98 790	22 298,141	327 438,157	14,685	14,215	72	54	70 834	542,762	4 367,881	8,048	7,578
23	5	98 725	20 825,828	305 140,016	14,652	14,182	73	55	68 694	491,929	3 825,118	7,776	7,306
24	6	98 664	19 451,250	284 314,187	14,617	14,147	74	56	66 407	444,443	3 333,190	7,500	7,030
25	7	98 600	18 166,984	264 862,937	14,579	14,110	75	57	63 916	399,786	2 888,747	7,226	6,756
26	8	98 537	16 967,705	246 695,954	14,539	14,070	76	58	61 277	358,207	2 488,961	6,948	6,479
27	9	98 473	15 847,287	229 728,249	14,496	14,027	77	59	58 468	319,424	2 130,754	6,671	6,201
28	10	98 404	14 800,153	213 880,962	14,451	13,982	78	60	55 472	283,229	1 811,330	6,395	5,926
29	11	98 338	13 822,626	199 080,808	14,403	13,933	79	61	52 259	249,367	1 528,101	6,128	5,658
30	12	98 265	12 908,815	185 258,182	14,351	13,882	80	62	48 900	218,077	1 278,734	5,864	5,394
31	13	98 194	12 055,623	172 349,367	14,296	13,827	81	63	45 431	189,350	1 060,657	5,602	5,132
32	14	98 116	11 257,887	160 293,745	14,238	13,769	82	64	41 837	162,965	871,308	5,347	4,877
33	15	98 033	10 512,516	149 035,858	14,177	13,707	83	65	38 194	139,040	708,343	5,095	4,625
34	16	97 946	9 816,046	138 523,343	14,112	13,642	84	66	34 564	117,595	569,303	4,841	4,372
35	17	97 853	9 165,188	128 707,296	14,043	13,574	85	67	30 904	98,263	451,708	4,597	4,127
36	18	97 755	8 557,028	119 542,108	13,970	13,501	86	68	27 295	81,111	353,445	4,358	3,888
37	19	97 647	7 988,353	110 985,080	13,893	13,424	87	69	23 762	65,992	272,334	4,127	3,657
38	20	97 534	7 457,126	102 996,727	13,812	13,342	88	70	20 330	52,767	206,343	3,910	3,441
39	21	97 405	6 960,071	95 539,601	13,727	13,257	89	71	17 114	41,513	153,576	3,699	3,230
40	22	97 273	6 495,912	88 579,531	13,636	13,167	90	72	14 068	31,892	112,063	3,514	3,044
41	23	97 126	6 061,797	82 083,619	13,541	13,072	91	73	11 424	24,204	80,171	3,312	2,843
42	24	96 971	5 656,179	76 021,822	13,440	12,971	92	74	8 993	17,806	55,967	3,143	2,674
43	25	96 803	5 276,997	70 365,643	13,334	12,865	93	75	6 916	12,798	38,161	2,982	2,512
44	26	96 609	4 921,896	65 088,645	13,224	12,755	94	76	5 179	8,958	25,362	2,831	2,362
45	27	96 394	4 589,665	60 166,749	13,109	12,640	95	77	3 772	6,096	16,404	2,691	2,221
46	28	96 155	4 278,756	55 577,085	12,989	12,520	96	78	2 666	4,028	10,308	2,559	2,090
47	29	95 893	3 987,937	51 298,329	12,863	12,394	97	79	1 825	2,577	6,281	2,437	1,968
48	30	95 589	3 715,219	47 310,391	12,734	12,265	98	80	1 208	1,594	3,704	2,323	1,854
49	31	95 255	3 460,052	43 595,172	12,600	12,130	99	81	772	0,952	2,110	2,217	1,747
							100	82	475	0,547	1,158	2,117	1,648

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß   7,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$
0							50	31	94 914	3 222,104	40 186,031	12,472	12,002
1							51	32	94 505	2 998,359	36 963,926	12,328	11,859
2							52	33	94 025	2 787,959	33 965,568	12,183	11,713
3							53	34	93 520	2 591,577	31 177,609	12,030	11,561
4							54	35	92 964	2 407,643	28 586,032	11,873	11,404
5							55	36	92 352	2 235,309	26 178,389	11,711	11,242
6							56	37	91 683	2 073,953	23 943,080	11,545	11,075
7							57	38	90 966	1 923,118	21 869,127	11,372	10,902
8							58	39	90 184	1 781,855	19 946,009	11,194	10,724
9							59	40	89 332	1 649,548	18 164,154	11,012	10,542
10							60	41	88 417	1 525,843	16 514,606	10,823	10,354
11							61	42	87 428	1 410,072	14 988,763	10,630	10,160
12							62	43	86 375	1 301,951	13 578,691	10,429	9,960
13							63	44	85 252	1 200,958	12 276,740	10,222	9,753
14							64	45	84 080	1 106,955	11 075,782	10,006	9,536
15							65	46	82 789	1 018,660	9 968,828	9,786	9,317
16							66	47	81 428	936,361	8 950,168	9,558	9,089
17							67	48	79 950	859,221	8 013,807	9,327	8,857
18							68	49	78 382	787,258	7 154,585	9,088	8,618
19	0	99 310	27 459,962	404 434,952	14,728	14,259	69	50	76 722	720,182	6 367,327	8,841	8,372
20	1	98 948	25 570,105	376 974,990	14,743	14,273	70	51	74 950	657,519	5 647,146	8,589	8,119
21	2	98 869	23 878,136	351 404,885	14,717	14,247	71	52	73 065	599,044	4 989,626	8,329	7,860
22	3	98 801	22 300,633	327 526,749	14,687	14,217	72	53	71 048	544,399	4 390,583	8,065	7,595
23	4	98 737	20 828,311	305 226,117	14,654	14,185	73	54	68 914	493,504	3 846,183	7,794	7,324
24	5	98 674	19 453,216	284 397,806	14,620	14,150	74	55	66 643	446,023	3 352,680	7,517	7,047
25	6	98 609	18 168,566	264 944,590	14,583	14,113	75	56	64 158	401,300	2 906,657	7,243	6,774
26	7	98 546	16 969,162	246 776,024	14,543	14,073	76	57	61 523	359,644	2 505,357	6,966	6,497
27	8	98 480	15 848,454	229 806,863	14,500	14,031	77	58	58 727	320,840	2 145,713	6,688	6,218
28	9	98 411	14 801,174	213 958,408	14,456	13,986	78	59	55 735	284,573	1 824,873	6,413	5,943
29	10	98 345	13 823,607	199 157,234	14,407	13,938	79	60	52 542	250,718	1 540,301	6,144	5,674
30	11	98 273	12 909,847	185 333,627	14,356	13,886	80	61	49 183	219,337	1 289,582	5,879	5,410
31	12	98 202	12 056,593	172 423,779	14,301	13,832	81	62	45 719	190,552	1 070,245	5,617	5,147
32	13	98 124	11 258,895	160 367,186	14,244	13,774	82	63	42 121	164,070	879,693	5,362	4,892
33	14	98 043	10 513,655	149 108,291	14,182	13,713	83	64	38 477	140,069	715,623	5,109	4,640
34	15	97 958	9 817,281	138 594,636	14,117	13,648	84	65	34 836	118,521	575,554	4,856	4,387
35	16	97 868	9 166,599	128 777,355	14,049	13,579	85	66	31 170	99,111	457,033	4,611	4,142
36	17	97 771	8 558,401	119 610,756	13,976	13,506	86	67	27 547	81,858	357,922	4,372	3,903
37	18	97 669	7 990,178	111 052,355	13,899	13,429	87	68	23 995	66,639	276,064	4,143	3,673
38	19	97 554	7 458,666	103 062,177	13,818	13,348	88	69	20 548	53,333	209,426	3,927	3,457
39	20	97 427	6 961,616	95 603,510	13,733	13,263	89	70	17 315	42,001	156,093	3,716	3,247
40	21	97 293	6 497,271	88 641,894	13,643	13,173	90	71	14 251	32,308	114,092	3,531	3,062
41	22	97 148	6 063,157	82 144,623	13,548	13,079	91	72	11 592	24,560	81,784	3,330	2,860
42	23	96 993	5 657,472	76 081,465	13,448	12,978	92	73	9 141	18,101	57,224	3,161	2,692
43	24	96 823	5 278,064	70 423,993	13,343	12,873	93	74	7 047	13,041	39,123	3,000	2,530
44	25	96 630	4 922,979	65 145,929	13,233	12,764	94	75	5 293	9,154	26,082	2,849	2,380
45	26	96 417	4 590,751	60 222,950	13,118	12,649	95	76	3 866	6,249	16,928	2,709	2,239
46	27	96 181	4 279,906	55 632,199	12,998	12,529	96	77	2 742	4,142	10,679	2,578	2,108
47	28	95 917	3 988,946	51 352,293	12,874	12,404	97	78	1 886	2,662	6,536	2,455	1,986
48	29	95 616	3 716,285	47 363,347	12,745	12,275	98	79	1 254	1,654	3,874	2,342	1,872
49	30	95 282	3 461,031	43 647,062	12,611	12,141	99	80	805	0,993	2,220	2,235	1,766
							100	81	498	0,574	1,227	2,136	1,667

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß   7,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	30	94 940	3 223,016	40 232,466	12,483	12,013
1							51	31	94 534	2 999,265	37 009,450	12,340	11,870
2							52	32	94 058	2 788,947	34 010,185	12,195	11,725
3							53	33	93 554	2 592,525	31 221,238	12,043	11,573
4							54	34	93 004	2 408,666	28 628,713	11,886	11,416
5							55	35	92 389	2 236,199	26 220,047	11,725	11,256
6							56	36	91 727	2 074,939	23 983,849	11,559	11,089
7							57	37	91 015	1 924,145	21 908,910	11,386	10,917
8							58	38	90 235	1 782,847	19 984,764	11,209	10,740
9							59	39	89 391	1 650,640	18 201,917	11,027	10,558
10							60	40	88 480	1 526,922	16 551,277	10,840	10,370
11							61	41	87 498	1 411,203	15 024,355	10,646	10,177
12							62	42	86 452	1 303,110	13 613,153	10,447	9,977
13							63	43	85 340	1 202,189	12 310,042	10,240	9,770
14							64	44	84 174	1 108,200	11 107,853	10,023	9,554
15							65	45	82 895	1 019,955	9 999,654	9,804	9,335
16							66	46	81 543	937,682	8 979,699	9,576	9,107
17							67	47	80 081	860,629	8 042,017	9,344	8,875
18							68	48	78 520	788,653	7 181,388	9,106	8,636
19							69	49	76 881	721,667	6 392,736	8,858	8,389
20	0	99 261	25 650,974	377 146,187	14,703	14,233	70	50	75 116	658,971	5 671,069	8,606	8,136
21	1	98 895	23 884,440	351 495,212	14,716	14,247	71	51	73 244	600,513	5 012,098	8,346	7,877
22	2	98 815	22 303,955	327 610,772	14,688	14,219	72	52	71 243	545,898	4 411,585	8,081	7,612
23	3	98 748	20 830,638	305 306,817	14,657	14,187	73	53	69 122	494,992	3 865,687	7,810	7,340
24	4	98 686	19 455,535	284 476,179	14,622	14,152	74	54	66 857	447,451	3 370,695	7,533	7,064
25	5	98 619	18 170,402	265 020,644	14,585	14,116	75	55	64 386	402,727	2 923,244	7,259	6,789
26	6	98 554	16 970,639	246 850,242	14,546	14,076	76	56	61 756	361,006	2 520,518	6,982	6,512
27	7	98 489	15 849,815	229 879,602	14,504	14,034	77	57	58 963	322,127	2 159,512	6,704	6,234
28	8	98 418	14 802,265	214 029,787	14,459	13,990	78	58	55 982	285,834	1 837,385	6,428	5,959
29	9	98 351	13 824,561	199 227,523	14,411	13,942	79	59	52 791	251,908	1 551,551	6,159	5,690
30	10	98 280	12 910,763	185 402,962	14,360	13,891	80	60	49 449	220,526	1 299,643	5,893	5,424
31	11	98 210	12 057,557	172 492,199	14,306	13,836	81	61	45 983	191,653	1 079,117	5,631	5,161
32	12	98 132	11 259,802	160 434,641	14,248	13,779	82	62	42 388	165,112	887,464	5,375	4,905
33	13	98 052	10 514,597	149 174,840	14,187	13,718	83	63	38 738	141,019	722,353	5,122	4,653
34	14	97 969	9 818,346	138 660,243	14,123	13,653	84	64	35 094	119,399	581,334	4,869	4,399
35	15	97 880	9 167,752	128 841,897	14,054	13,584	85	65	31 416	99,891	461,935	4,624	4,155
36	16	97 786	8 559,718	119 674,145	13,981	13,512	86	66	27 784	82,564	362,044	4,385	3,915
37	17	97 685	7 991,460	111 114,427	13,904	13,435	87	67	24 216	67,253	279,480	4,156	3,686
38	18	97 576	7 460,370	103 122,967	13,823	13,353	88	68	20 749	53,856	212,227	3,941	3,471
39	19	97 447	6 963,054	95 662,596	13,739	13,269	89	69	17 501	42,452	158,371	3,731	3,261
40	20	97 315	6 498,714	88 699,542	13,649	13,179	90	70	14 418	32,687	115,919	3,546	3,077
41	21	97 168	6 064,427	82 200,828	13,555	13,085	91	71	11 743	24,880	83,232	3,345	2,876
42	22	97 015	5 658,742	76 136,401	13,455	12,985	92	72	9 275	18,367	58,352	3,177	2,708
43	23	96 845	5 279,271	70 477,659	13,350	12,880	93	73	7 163	13,257	39,985	3,016	2,547
44	24	96 650	4 923,974	65 198,389	13,241	12,771	94	74	5 393	9,328	26,728	2,865	2,396
45	25	96 438	4 591,762	60 274,414	13,127	12,657	95	75	3 951	6,386	17,401	2,725	2,255
46	26	96 203	4 280,919	55 682,653	13,007	12,538	96	76	2 811	4,246	11,014	2,594	2,124
47	27	95 943	3 990,018	51 401,734	12,883	12,413	97	77	1 939	2,738	6,768	2,472	2,002
48	28	95 640	3 717,225	47 411,716	12,755	12,285	98	78	1 295	1,709	4,030	2,358	1,888
49	29	95 309	3 462,025	43 694,491	12,621	12,152	99	79	836	1,031	2,321	2,252	1,783
							100	80	520	0,599	1,290	2,153	1,683

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß 7,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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21	0	99 208	23 959,979	351 653,238	14,677	14,207
22	1	98 842	22 309,844	327 693,259	14,688	14,219
23	2	98 763	20 833,741	305 383,416	14,658	14,189
24	3	98 697	19 457,709	284 549,674	14,624	14,154
25	4	98 630	18 172,568	265 091,966	14,587	14,118
26	5	98 564	16 972,355	246 919,397	14,548	14,079
27	6	98 497	15 851,195	229 947,043	14,507	14,037
28	7	98 426	14 803,535	214 095,847	14,462	13,993
29	8	98 359	13 825,579	199 292,312	14,415	13,945
30	9	98 287	12 911,654	185 466,733	14,364	13,895
31	10	98 217	12 058,413	172 555,079	14,310	13,840
32	11	98 140	11 260,702	160 496,666	14,253	13,783
33	12	98 060	10 515,443	149 235,964	14,192	13,723
34	13	97 977	9 819,225	138 720,520	14,127	13,658
35	14	97 891	9 168,746	128 901,295	14,059	13,589
36	15	97 798	8 560,795	119 732,550	13,986	13,517
37	16	97 700	7 992,690	111 171,754	13,909	13,440
38	17	97 592	7 461,568	103 179,064	13,828	13,359
39	18	97 469	6 964,645	95 717,496	13,743	13,274
40	19	97 335	6 500,057	88 752,851	13,654	13,185
41	20	97 190	6 065,773	82 252,795	13,560	13,091
42	21	97 035	5 659,926	76 187,022	13,461	12,991
43	22	96 867	5 280,455	70 527,095	13,356	12,887
44	23	96 672	4 925,100	65 246,640	13,248	12,778
45	24	96 458	4 592,690	60 321,540	13,134	12,665
46	25	96 225	4 281,861	55 728,850	13,015	12,546
47	26	95 966	3 990,962	51 446,989	12,891	12,421
48	27	95 666	3 718,224	47 456,027	12,763	12,294
49	28	95 333	3 462,900	43 737,803	12,630	12,161
50	29	94 968	3 223,941	40 274,902	12,492	12,023
51	30	94 561	3 000,114	37 050,961	12,350	11,880
52	31	94 087	2 789,790	34 050,847	12,206	11,736
53	32	93 587	2 593,445	31 261,058	12,054	11,584
54	33	93 038	2 409,547	28 667,613	11,898	11,428
55	34	92 428	2 237,149	26 258,066	11,737	11,268
56	35	91 763	2 075,765	24 020,917	11,572	11,103
57	36	91 058	1 925,060	21 945,153	11,400	10,930
58	37	90 283	1 783,799	20 020,093	11,223	10,754
59	38	89 441	1 651,559	18 236,293	11,042	10,572
60	39	88 538	1 527,933	16 584,734	10,854	10,385
61	40	87 560	1 412,200	15 056,801	10,662	10,192
62	41	86 521	1 304,156	13 644,601	10,462	9,993
63	42	85 416	1 203,260	12 340,446	10,256	9,786
64	43	84 261	1 109,336	11 137,186	10,040	9,570
65	44	82 988	1 021,101	10 027,850	9,821	9,351
66	45	81 646	938,874	9 006,749	9,593	9,124
67	46	80 194	861,843	8 067,875	9,361	8,892
68	47	78 649	789,944	7 206,032	9,122	8,653
69	48	77 017	722,945	6 416,088	8,875	8,405
70	49	75 271	660,330	5 693,143	8,622	8,152
71	50	73 405	601,839	5 032,813	8,362	7,893
72	51	71 418	547,237	4 430,974	8,097	7,627
73	52	69 312	496,355	3 883,737	7,825	7,355
74	53	67 058	448,800	3 387,383	7,548	7,078
75	54	64 592	404,016	2 938,582	7,273	6,804
76	55	61 976	362,289	2 534,566	6,996	6,526
77	56	59 186	323,347	2 172,277	6,718	6,249
78	57	56 207	286,981	1 848,930	6,443	5,973
79	58	53 025	253,024	1 561,949	6,173	5,704
80	59	49 684	221,572	1 308,925	5,907	5,438
81	60	46 233	192,691	1 087,353	5,643	5,173
82	61	42 633	166,066	894,662	5,387	4,918
83	62	38 983	141,914	728,596	5,134	4,665
84	63	35 332	120,209	586,681	4,881	4,411
85	64	31 648	100,631	466,473	4,635	4,166
86	65	28 003	83,214	365,842	4,396	3,927
87	66	24 425	67,833	282,628	4,167	3,697
88	67	20 941	54,352	214,795	3,952	3,482
89	68	17 672	42,868	160,442	3,743	3,273
90	69	14 573	33,038	117,575	3,559	3,089
91	70	11 881	25,172	84,536	3,358	2,889
92	71	9 396	18,606	59,364	3,191	2,721
93	72	7 269	13,451	40,758	3,030	2,560
94	73	5 483	9,482	27,306	2,880	2,410
95	74	4 026	6,507	17,824	2,739	2,270
96	75	2 873	4,339	11,317	2,608	2,138
97	76	1 988	2,807	6,977	2,486	2,016
98	77	1 332	1,758	4,171	2,373	1,903
99	78	863	1,065	2,413	2,266	1,797
100	79	540	0,622	1,348	2,168	1,698

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß   7,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	28	94 992	3 224,757	40 313,644	12,501	12,032
1							51	29	94 588	3 000,975	37 088,888	12,359	11,889
2							52	30	94 113	2 790,580	34 087,913	12,215	11,746
3							53	31	93 616	2 594,228	31 297,333	12,064	11,595
4							54	32	93 071	2 410,401	28 703,105	11,908	11,439
5							55	33	92 462	2 237,967	26 292,704	11,748	11,279
6							56	34	91 802	2 076,647	24 054,737	11,583	11,114
7							57	35	91 095	1 925,826	21 978,090	11,412	10,943
8							58	36	90 326	1 784,647	20 052,264	11,236	10,766
9							59	37	89 489	1 652,441	18 267,617	11,055	10,585
10							60	38	88 588	1 528,784	16 615,175	10,868	10,399
11							61	39	87 618	1 413,135	15 086,392	10,676	10,206
12							62	40	86 583	1 305,077	13 673,257	10,477	10,007
13							63	41	85 484	1 204,225	12 368,179	10,271	9,801
14							64	42	84 336	1 110,324	11 163,954	10,055	9,585
15							65	43	83 073	1 022,148	10 053,631	9,836	9,366
16							66	44	81 738	939,930	9 031,483	9,609	9,139
17							67	45	80 296	862,938	8 091,553	9,377	8,907
18							68	46	78 760	791,059	7 228,615	9,138	8,668
19							69	47	77 143	724,129	6 437,556	8,890	8,421
20							70	48	75 404	661,500	5 713,427	8,637	8,168
21							71	49	73 557	603,080	5 051,927	8,377	7,907
22	0	99 154	22 380,402	327 839,136	14,648	14,179	72	50	71 576	548,445	4 448,847	8,112	7,642
23	1	98 789	20 839,242	305 458,733	14,658	14,188	73	51	69 482	497,572	3 900,402	7,839	7,369
24	2	98 711	19 460,607	284 619,491	14,625	14,156	74	52	67 243	450,234	3 402,830	7,561	7,092
25	3	98 641	18 174,599	265 158,884	14,590	14,120	75	53	64 787	405,234	2 952,794	7,287	6,817
26	4	98 576	16 974,378	246 984,285	14,550	14,081	76	54	62 174	363,449	2 547,560	7,009	6,540
27	5	98 507	15 852,798	230 009,907	14,509	14,040	77	55	59 397	324,497	2 184,111	6,731	6,261
28	6	98 435	14 804,824	214 157,110	14,465	13,996	78	56	56 419	288,067	1 859,614	6,455	5,986
29	7	98 367	13 826,766	199 352,285	14,418	13,948	79	57	53 238	254,040	1 571,547	6,186	5,717
30	8	98 294	12 912,605	185 525,520	14,368	13,898	80	58	49 904	222,554	1 317,507	5,920	5,450
31	9	98 224	12 059,245	172 612,914	14,314	13,844	81	59	46 452	193,606	1 094,953	5,656	5,186
32	10	98 147	11 261,501	160 553,669	14,257	13,787	82	60	42 864	166,966	901,348	5,398	4,929
33	11	98 068	10 516,284	149 292,168	14,196	13,727	83	61	39 209	142,735	734,382	5,145	4,676
34	12	97 985	9 820,016	138 775,884	14,132	13,662	84	62	35 557	120,972	591,647	4,891	4,421
35	13	97 900	9 169,567	128 955,868	14,063	13,594	85	63	31 863	101,313	470,676	4,646	4,176
36	14	97 809	8 561,723	119 786,301	13,991	13,521	86	64	28 210	83,830	369,362	4,406	3,937
37	15	97 712	7 993,696	111 224,578	13,914	13,445	87	65	24 617	68,367	285,532	4,176	3,707
38	16	97 607	7 462,716	103 230,882	13,833	13,363	88	66	21 121	54,821	217,165	3,961	3,492
39	17	97 485	6 965,763	95 768,166	13,748	13,279	89	67	17 835	43,263	162,344	3,752	3,283
40	18	97 357	6 501,542	88 802,403	13,659	13,189	90	68	14 716	33,362	119,081	3,569	3,100
41	19	97 210	6 067,026	82 300,862	13,565	13,096	91	69	12 008	25,443	85,719	3,369	2,900
42	20	97 057	5 661,183	76 233,835	13,466	12,997	92	70	9 507	18,825	60,276	3,202	2,732
43	21	96 887	5 281,561	70 572,652	13,362	12,893	93	71	7 364	13,627	41,451	3,042	2,572
44	22	96 694	4 926,205	65 291,091	13,254	12,784	94	72	5 563	9,621	27,824	2,892	2,422
45	23	96 480	4 593,740	60 364,887	13,141	12,671	95	73	4 092	6,615	18,203	2,752	2,282
46	24	96 244	4 282,726	55 771,147	13,022	12,553	96	74	2 927	4,422	11,588	2,621	2,151
47	25	95 987	3 991,841	51 488,420	12,898	12,429	97	75	2 032	2,868	7,166	2,499	2,029
48	26	95 688	3 719,104	47 496,580	12,771	12,301	98	76	1 366	1,802	4,298	2,385	1,916
49	27	95 359	3 463,831	43 777,475	12,638	12,169	99	77	888	1,095	2,496	2,279	1,810
							100	78	557	0,642	1,401	2,181	1,711

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß   7,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	27	95 017	3 225,623	40 349,126	12,509	12,039
1							51	28	94 612	3 001,734	37 123,502	12,367	11,898
2							52	29	94 140	2 791,380	34 121,769	12,224	11,754
3							53	30	93 642	2 594,963	31 330,388	12,074	11,604
4							54	31	93 099	2 411,130	28 735,426	11,918	11,448
5							55	32	92 494	2 238,761	26 324,296	11,758	11,289
6							56	33	91 836	2 077,406	24 085,535	11,594	11,125
7							57	34	91 133	1 926,645	22 008,129	11,423	10,954
8							58	35	90 362	1 785,358	20 081,485	11,248	10,778
9							59	36	89 531	1 653,227	18 296,127	11,067	10,597
10							60	37	88 635	1 529,600	16 642,900	10,881	10,411
11							61	38	87 667	1 413,922	15 113,300	10,689	10,219
12							62	39	86 640	1 305,941	13 699,378	10,490	10,021
13							63	40	85 545	1 205,076	12 393,437	10,284	9,815
14							64	41	84 403	1 111,214	11 188,361	10,069	9,599
15							65	42	83 147	1 023,059	10 077,146	9,850	9,381
16							66	43	81 822	940,893	9 054,088	9,623	9,153
17							67	44	80 386	863,909	8 113,195	9,391	8,922
18							68	45	78 860	792,064	7 249,286	9,152	8,683
19							69	46	77 252	725,151	6 457,222	8,905	8,435
20							70	47	75 527	662,583	5 732,071	8,651	8,182
21							71	48	73 687	604,148	5 069,488	8,391	7,922
22							72	49	71 723	549,576	4 465,340	8,125	7,656
23	0	99 101	20 905,149	305 593,401	14,618	14,149	73	50	69 635	498,671	3 915,764	7,852	7,383
24	1	98 737	19 465,745	284 688,251	14,625	14,156	74	51	67 408	451,140	3 417,093	7,574	7,105
25	2	98 656	18 177,306	265 222,506	14,591	14,121	75	52	64 966	406,350	2 965,953	7,299	6,830
26	3	98 587	16 976,275	247 045,200	14,552	14,083	76	53	62 362	364,545	2 559,604	7,021	6,552
27	4	98 519	15 854,687	230 068,925	14,511	14,042	77	54	59 587	325,536	2 195,058	6,743	6,273
28	5	98 445	14 806,321	214 214,238	14,468	13,998	78	55	56 620	289,092	1 869,523	6,467	5,997
29	6	98 376	13 827,970	199 407,917	14,421	13,951	79	56	53 439	255,001	1 580,431	6,198	5,728
30	7	98 302	12 913,713	185 579,947	14,371	13,901	80	57	50 104	223,447	1 325,430	5,932	5,462
31	8	98 231	12 060,133	172 666,233	14,317	13,848	81	58	46 658	194,464	1 101,983	5,667	5,197
32	9	98 154	11 262,278	160 606,100	14,261	13,791	82	59	43 068	167,758	907,519	5,410	4,940
33	10	98 075	10 517,031	149 343,822	14,200	13,731	83	60	39 421	143,508	739,761	5,155	4,685
34	11	97 993	9 820,801	138 826,791	14,136	13,666	84	61	35 762	121,671	596,253	4,901	4,431
35	12	97 908	9 170,305	129 005,990	14,068	13,598	85	62	32 065	101,956	474,582	4,655	4,185
36	13	97 817	8 562,490	119 835,685	13,995	13,526	86	63	28 402	84,399	372,626	4,415	3,946
37	14	97 722	7 994,562	111 273,195	13,919	13,449	87	64	24 799	68,873	288,227	4,185	3,715
38	15	97 619	7 463,655	103 278,633	13,838	13,368	88	65	21 288	55,253	219,354	3,970	3,500
39	16	97 500	6 966,835	95 814,978	13,753	13,284	89	66	17 989	43,636	164,101	3,761	3,291
40	17	97 373	6 502,585	88 848,143	13,664	13,194	90	67	14 852	33,670	120,465	3,578	3,108
41	18	97 232	6 068,412	82 345,558	13,570	13,100	91	68	12 126	25,692	86,795	3,378	2,909
42	19	97 077	5 662,353	76 277,145	13,471	13,001	92	69	9 609	19,027	61,103	3,211	2,742
43	20	96 908	5 282,734	70 614,793	13,367	12,898	93	70	7 450	13,787	42,076	3,052	2,582
44	21	96 714	4 927,236	65 332,059	13,259	12,790	94	71	5 636	9,747	28,289	2,902	2,433
45	22	96 501	4 594,771	60 404,823	13,146	12,677	95	72	4 153	6,712	18,542	2,763	2,293
46	23	96 266	4 283,706	55 810,052	13,028	12,559	96	73	2 975	4,495	11,830	2,632	2,162
47	24	96 006	3 992,648	51 526,347	12,905	12,436	97	74	2 070	2,923	7,335	2,510	2,040
48	25	95 710	3 719,923	47 533,699	12,778	12,309	98	75	1 396	1,842	4,413	2,396	1,927
49	26	95 382	3 464,651	43 813,777	12,646	12,176	99	76	910	1,122	2,571	2,291	1,821
							100	77	573	0,661	1,449	2,192	1,723

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß   7,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	26	95 040	3 226,387	40 381,585	12,516	12,047
1							51	27	94 637	3 002,540	37 155,198	12,375	11,905
2							52	28	94 164	2 792,087	34 152,658	12,232	11,762
3							53	29	93 669	2 595,707	31 360,571	12,082	11,612
4							54	30	93 125	2 411,812	28 764,864	11,927	11,457
5							55	31	92 522	2 239,437	26 353,052	11,768	11,298
6							56	32	91 869	2 078,143	24 113,615	11,603	11,134
7							57	33	91 167	1 927,349	22 035,472	11,433	10,964
8							58	34	90 400	1 786,116	20 108,122	11,258	10,789
9							59	35	89 567	1 653,885	18 322,006	11,078	10,609
10							60	36	88 677	1 530,327	16 668,122	10,892	10,422
11							61	37	87 714	1 414,677	15 137,794	10,701	10,231
12							62	38	86 688	1 306,669	13 723,117	10,502	10,033
13							63	39	85 601	1 205,874	12 416,448	10,297	9,827
14							64	40	84 463	1 112,000	11 210,575	10,081	9,612
15							65	41	83 214	1 023,879	10 098,575	9,863	9,394
16							66	42	81 895	941,731	9 074,696	9,636	9,167
17							67	43	80 468	864,794	8 132,964	9,405	8,935
18							68	44	78 949	792,955	7 268,170	9,166	8,696
19							69	45	77 350	726,072	6 475,215	8,918	8,449
20							70	46	75 634	663,518	5 749,143	8,665	8,195
21							71	47	73 808	605,138	5 085,625	8,404	7,935
22							72	48	71 850	550,549	4 480,487	8,138	7,669
23							73	49	69 779	499,699	3 929,938	7,865	7,395
24	0	99 050	19 527,309	284 812,577	14,585	14,116	74	50	67 557	452,136	3 430,239	7,587	7,117
25	1	98 682	18 182,106	265 285,268	14,590	14,121	75	51	65 125	407,347	2 978,103	7,311	6,841
26	2	98 602	16 978,804	247 103,163	14,554	14,084	76	52	62 533	365,549	2 570,757	7,033	6,563
27	3	98 530	15 856,459	230 124,359	14,513	14,043	77	53	59 766	326,517	2 205,208	6,754	6,284
28	4	98 457	14 808,086	214 267,900	14,470	14,000	78	54	56 801	290,017	1 878,691	6,478	6,008
29	5	98 386	13 829,368	199 459,814	14,423	13,953	79	55	53 629	255,908	1 588,674	6,208	5,738
30	6	98 311	12 914,838	185 630,447	14,373	13,904	80	56	50 294	224,293	1 332,765	5,942	5,473
31	7	98 240	12 061,168	172 715,608	14,320	13,850	81	57	46 845	195,244	1 108,472	5,677	5,208
32	8	98 161	11 263,108	160 654,440	14,264	13,794	82	58	43 259	168,501	913,228	5,420	4,950
33	9	98 082	10 517,756	149 391,332	14,204	13,734	83	59	39 608	144,189	744,727	5,165	4,695
34	10	98 000	9 821,498	138 873,576	14,140	13,670	84	60	35 956	122,330	600,538	4,909	4,440
35	11	97 915	9 171,039	129 052,078	14,072	13,602	85	61	32 251	102,546	478,208	4,663	4,194
36	12	97 825	8 563,180	119 881,040	14,000	13,530	86	62	28 582	84,935	375,662	4,423	3,953
37	13	97 731	7 995,279	111 317,860	13,923	13,453	87	63	24 967	69,340	290,728	4,193	3,723
38	14	97 630	7 464,464	103 322,581	13,842	13,372	88	64	21 445	55,662	221,387	3,977	3,508
39	15	97 512	6 967,711	95 858,117	13,757	13,288	89	65	18 130	43,980	165,725	3,768	3,299
40	16	97 388	6 503,586	88 890,406	13,668	13,198	90	66	14 980	33,960	121,745	3,585	3,115
41	17	97 248	6 069,386	82 386,820	13,574	13,105	91	67	12 238	25,929	87,785	3,386	2,916
42	18	97 099	5 663,646	76 317,434	13,475	13,005	92	68	9 703	19,213	61,856	3,219	2,750
43	19	96 928	5 283,825	70 653,788	13,372	12,902	93	69	7 530	13,935	42,643	3,060	2,591
44	20	96 736	4 928,330	65 369,963	13,264	12,795	94	70	5 702	9,861	28,708	2,911	2,442
45	21	96 522	4 595,733	60 441,633	13,152	12,682	95	71	4 207	6,800	18,847	2,772	2,302
46	22	96 288	4 284,667	55 845,900	13,034	12,564	96	72	3 019	4,561	12,047	2,641	2,172
47	23	96 028	3 993,560	51 561,233	12,911	12,442	97	73	2 104	2,971	7,486	2,520	2,050
48	24	95 729	3 720,675	47 567,673	12,785	12,315	98	74	1 422	1,877	4,515	2,406	1,937
49	25	95 403	3 465,413	43 846,998	12,653	12,183	99	75	930	1,147	2,639	2,300	1,831
							100	76	588	0,677	1,492	2,202	1,733

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß   7,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	25	95 061	3 227,097	40 411,284	12,522	12,053
1							51	26	94 660	3 003,251	37 184,188	12,381	11,912
2							52	27	94 189	2 792,837	34 180,936	12,239	11,769
3							53	28	93 693	2 596,364	31 388,100	12,089	11,620
4							54	29	93 152	2 412,504	28 791,736	11,934	11,465
5							55	30	92 549	2 240,071	26 379,231	11,776	11,307
6							56	31	91 896	2 078,771	24 139,160	11,612	11,143
7							57	32	91 199	1 928,033	22 060,389	11,442	10,972
8							58	33	90 433	1 786,770	20 132,357	11,267	10,798
9							59	34	89 605	1 654,588	18 345,587	11,088	10,618
10							60	35	88 712	1 530,936	16 691,000	10,902	10,433
11							61	36	87 755	1 415,350	15 160,064	10,711	10,242
12							62	37	86 734	1 307,366	13 744,714	10,513	10,044
13							63	38	85 649	1 206,545	12 437,347	10,308	9,839
14							64	39	84 519	1 112,736	11 230,802	10,093	9,623
15							65	40	83 272	1 024,603	10 118,066	9,875	9,406
16							66	41	81 960	942,487	9 093,463	9,648	9,179
17							67	42	80 540	865,564	8 150,977	9,417	8,947
18							68	43	79 030	793,768	7 285,412	9,178	8,709
19							69	44	77 437	726,889	6 491,644	8,931	8,461
20							70	45	75 730	664,361	5 764,755	8,677	8,208
21							71	46	73 912	605,992	5 100,394	8,417	7,947
22							72	47	71 968	551,451	4 494,403	8,150	7,681
23							73	48	69 903	500,584	3 942,952	7,877	7,407
24							74	49	67 696	453,068	3 442,368	7,598	7,128
25	0	98 994	18 239,609	265 400,049	14,551	14,081	75	50	65 269	408,246	2 989,299	7,322	6,853
26	1	98 628	16 983,287	247 160,440	14,553	14,084	76	51	62 687	366,445	2 581,053	7,043	6,574
27	2	98 545	15 858,821	230 177,153	14,514	14,045	77	52	59 931	327,416	2 214,608	6,764	6,294
28	3	98 468	14 809,741	214 318,332	14,471	14,002	78	53	56 973	290,892	1 887,192	6,488	6,018
29	4	98 397	13 831,016	199 508,592	14,425	13,955	79	54	53 801	256,727	1 596,300	6,218	5,748
30	5	98 321	12 916,144	185 677,575	14,376	13,906	80	55	50 473	225,091	1 339,573	5,951	5,482
31	6	98 248	12 062,219	172 761,432	14,323	13,853	81	56	47 022	195,983	1 114,482	5,687	5,217
32	7	98 169	11 264,074	160 699,213	14,267	13,797	82	57	43 432	169,177	918,499	5,429	4,960
33	8	98 089	10 518,531	149 435,139	14,207	13,737	83	58	39 784	144,828	749,321	5,174	4,704
34	9	98 007	9 822,176	138 916,608	14,143	13,674	84	59	36 127	122,910	604,493	4,918	4,449
35	10	97 922	9 171,689	129 094,432	14,075	13,606	85	60	32 425	103,101	481,583	4,671	4,201
36	11	97 833	8 563,864	119 922,743	14,003	13,534	86	61	28 747	85,426	378,482	4,431	3,961
37	12	97 739	7 995,922	111 358,878	13,927	13,457	87	62	25 126	69,781	293,056	4,200	3,730
38	13	97 638	7 465,133	103 362,956	13,846	13,377	88	63	21 591	56,040	223,276	3,984	3,515
39	14	97 522	6 968,467	95 897,823	13,762	13,292	89	64	18 265	44,305	167,236	3,775	3,305
40	15	97 400	6 504,404	88 929,357	13,672	13,203	90	65	15 098	34,227	122,931	3,592	3,122
41	16	97 263	6 070,320	82 424,953	13,578	13,109	91	66	12 344	26,153	88,703	3,392	2,922
42	17	97 115	5 664,555	76 354,632	13,479	13,010	92	67	9 793	19,390	62,551	3,226	2,756
43	18	96 951	5 285,032	70 690,077	13,376	12,906	93	68	7 604	14,072	43,160	3,067	2,598
44	19	96 756	4 929,348	65 405,045	13,268	12,799	94	69	5 763	9,967	29,089	2,918	2,449
45	20	96 543	4 596,753	60 475,697	13,156	12,687	95	70	4 256	6,879	19,121	2,779	2,310
46	21	96 308	4 285,564	55 878,944	13,039	12,569	96	71	3 059	4,620	12,242	2,650	2,180
47	22	96 050	3 994,457	51 593,380	12,916	12,447	97	72	2 135	3,015	7,622	2,528	2,059
48	23	95 751	3 721,526	47 598,924	12,790	12,321	98	73	1 446	1,908	4,607	2,415	1,946
49	24	95 422	3 466,114	43 877,398	12,659	12,189	99	74	948	1,169	2,699	2,309	1,840
							100	75	601	0,692	1,531	2,211	1,742

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß   7,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	0	100 000	100 000,000	1 451 288,148	14,513	14,043	50	50	93 336	2 819,564	32 876,409	11,660	11,190
1	1	99 299	92 586,638	1 351 288,148	14,595	14,125	51	51	92 757	2 612,678	30 056,845	11,504	11,034
2	2	99 240	86 276,840	1 258 701,510	14,589	14,119	52	52	92 093	2 418,606	27 444,167	11,347	10,877
3	3	99 207	80 417,443	1 172 424,670	14,579	14,109	53	53	91 380	2 237,661	25 025,561	11,184	10,714
4	4	99 182	74 962,495	1 092 007,227	14,567	14,097	54	54	90 602	2 068,643	22 787,900	11,016	10,546
5	5	99 157	69 877,490	1 017 044,732	14,555	14,085	55	55	89 754	1 910,742	20 719,258	10,844	10,374
6	6	99 136	65 140,213	947 167,242	14,540	14,071	56	56	88 831	1 763,254	18 808,516	10,667	10,197
7	7	99 117	60 725,089	882 027,029	14,525	14,055	57	57	87 851	1 625,919	17 045,262	10,483	10,014
8	8	99 101	56 610,605	821 301,940	14,508	14,038	58	58	86 796	1 497,802	15 419,343	10,295	9,825
9	9	99 085	52 775,498	764 691,335	14,490	14,020	59	59	85 653	1 378,162	13 921,541	10,102	9,632
10	10	99 070	49 200,664	711 915,838	14,470	14,000	60	60	84 435	1 266,727	12 543,379	9,902	9,432
11	11	99 055	45 867,390	662 715,173	14,449	13,979	61	61	83 107	1 162,525	11 276,651	9,700	9,230
12	12	99 038	42 759,708	616 847,783	14,426	13,956	62	62	81 707	1 065,677	10 114,127	9,491	9,021
13	13	99 019	39 861,545	574 088,076	14,402	13,932	63	63	80 218	975,534	9 048,450	9,275	8,805
14	14	98 999	37 159,491	534 226,530	14,377	13,907	64	64	78 670	892,037	8 072,916	9,050	8,580
15	15	98 974	34 638,589	497 067,039	14,350	13,880	65	65	76 991	813,985	7 180,879	8,822	8,352
16	16	98 944	32 287,241	462 428,450	14,322	13,852	66	66	75 240	741,694	6 366,893	8,584	8,114
17	17	98 903	30 092,205	430 141,208	14,294	13,824	67	67	73 362	674,299	5 625,200	8,342	7,872
18	18	98 853	28 043,993	400 049,004	14,265	13,795	68	68	71 392	611,836	4 950,901	8,092	7,622
19	19	98 783	26 129,686	372 005,011	14,237	13,767	69	69	69 345	554,119	4 339,065	7,831	7,361
20	20	98 714	24 346,408	345 875,325	14,206	13,737	70	70	67 172	500,468	3 784,945	7,563	7,093
21	21	98 639	22 683,367	321 528,917	14,175	13,705	71	71	64 881	450,721	3 284,477	7,287	6,817
22	22	98 566	21 134,139	298 845,550	14,140	13,671	72	72	62 449	404,500	2 833,756	7,006	6,536
23	23	98 491	19 690,601	277 711,411	14,104	13,634	73	73	59 876	361,619	2 429,257	6,718	6,248
24	24	98 417	18 345,742	258 020,810	14,064	13,594	74	74	57 144	321,790	2 067,637	6,425	5,956
25	25	98 342	17 092,560	239 675,068	14,022	13,552	75	75	54 182	284,482	1 745,847	6,137	5,667
26	26	98 266	15 924,859	222 582,508	13,977	13,507	76	76	51 034	249,843	1 461,364	5,849	5,379
27	27	98 186	14 836,214	206 657,649	13,929	13,459	77	77	47 712	217,790	1 211,522	5,563	5,093
28	28	98 098	13 820,830	191 821,435	13,879	13,409	78	78	44 221	188,209	993,732	5,280	4,810
29	29	98 014	12 875,554	178 000,605	13,825	13,355	79	79	40 542	160,886	805,523	5,007	4,537
30	30	97 921	11 993,842	165 125,050	13,767	13,298	80	80	36 771	136,056	644,637	4,738	4,268
31	31	97 831	11 172,750	153 131,208	13,706	13,236	81	81	32 943	113,653	508,580	4,475	4,005
32	32	97 732	10 406,903	141 958,458	13,641	13,171	82	82	29 089	93,574	394,928	4,220	3,751
33	33	97 625	9 692,836	131 551,554	13,572	13,102	83	83	25 277	75,815	301,354	3,975	3,505
34	34	97 515	9 027,409	121 858,718	13,499	13,029	84	84	21 610	60,433	225,539	3,732	3,262
35	35	97 396	8 406,916	112 831,309	13,421	12,951	85	85	18 078	47,140	165,106	3,502	3,033
36	36	97 276	7 828,916	104 424,393	13,338	12,868	86	86	14 781	35,936	117,966	3,283	2,813
37	37	97 144	7 289,793	96 595,477	13,251	12,781	87	87	11 769	26,680	82,030	3,075	2,605
38	38	97 000	6 786,936	89 305,683	13,158	12,689	88	88	9 075	19,183	55,349	2,885	2,415
39	39	96 839	6 317,671	82 518,747	13,062	12,592	89	89	6 784	13,370	36,167	2,705	2,235
40	40	96 664	5 879,947	76 201,076	12,959	12,490	90	90	4 850	8,912	22,796	2,558	2,088
41	41	96 472	5 471,568	70 321,128	12,852	12,382	91	91	3 378	5,787	13,884	2,399	1,929
42	42	96 263	5 090,625	64 849,560	12,739	12,269	92	92	2 223	3,551	8,097	2,280	1,811
43	43	96 030	4 735,026	59 758,935	12,621	12,151	93	93	1 412	2,103	4,546	2,161	1,691
44	44	95 760	4 402,557	55 023,909	12,498	12,028	94	94	857	1,190	2,443	2,053	1,583
45	45	95 463	4 092,181	50 621,351	12,370	11,900	95	95	495	0,641	1,253	1,954	1,484
46	46	95 130	3 802,270	46 529,171	12,237	11,767	96	96	272	0,328	0,612	1,864	1,395
47	47	94 761	3 531,487	42 726,901	12,099	11,629	97	97	141	0,159	0,284	1,783	1,313
48	48	94 333	3 277,888	39 195,413	11,958	11,488	98	98	69	0,073	0,125	1,709	1,239
49	49	93 864	3 041,116	35 917,525	11,811	11,341	99	99	32	0,031	0,052	1,641	1,171
							100	100	14	0,013	0,020	1,580	1,110

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß   7,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	1	99 685	99 684,731	1 450 484,925	14,551	14,081	50	51	93 130	2 813,352	32 643,376	11,603	11,133
1	2	99 273	92 562,198	1 350 800,194	14,593	14,124	51	52	92 530	2 606,285	29 830,024	11,445	10,976
2	3	99 226	86 263,990	1 258 237,996	14,586	14,116	52	53	91 840	2 411,966	27 223,739	11,287	10,817
3	4	99 196	80 408,458	1 171 974,006	14,575	14,105	53	54	91 105	2 230,933	24 811,773	11,122	10,652
4	5	99 170	74 953,561	1 091 565,548	14,563	14,093	54	55	90 313	2 062,041	22 580,840	10,951	10,481
5	6	99 147	69 870,427	1 016 611,987	14,550	14,080	55	56	89 436	1 903,972	20 518,799	10,777	10,307
6	7	99 128	65 134,540	946 741,560	14,535	14,065	56	57	88 496	1 756,602	18 614,826	10,597	10,127
7	8	99 109	60 719,877	881 607,020	14,519	14,049	57	58	87 500	1 619,421	16 858,224	10,410	9,940
8	9	99 093	56 606,436	820 887,143	14,502	14,032	58	59	86 413	1 491,193	15 238,803	10,219	9,749
9	10	99 078	52 771,857	764 280,707	14,483	14,013	59	60	85 248	1 371,655	13 747,610	10,023	9,553
10	11	99 063	49 197,173	711 508,850	14,462	13,992	60	61	83 980	1 259,900	12 375,955	9,823	9,353
11	12	99 047	45 863,722	662 311,678	14,441	13,971	61	62	82 629	1 155,844	11 116,055	9,617	9,147
12	13	99 030	42 756,265	616 447,955	14,418	13,948	62	63	81 191	1 058,955	9 960,211	9,406	8,936
13	14	99 010	39 857,975	573 691,690	14,393	13,924	63	64	79 678	968,961	8 901,256	9,186	8,716
14	15	98 989	37 155,464	533 833,716	14,368	13,898	64	65	78 092	885,481	7 932,295	8,958	8,488
15	16	98 961	34 634,232	496 678,252	14,341	13,871	65	66	76 390	807,628	7 046,814	8,725	8,255
16	17	98 928	32 282,273	462 044,020	14,313	13,843	66	67	74 596	735,349	6 239,186	8,485	8,015
17	18	98 887	30 087,376	429 761,746	14,284	13,814	67	68	72 692	668,141	5 503,837	8,238	7,768
18	19	98 831	28 037,588	399 674,371	14,255	13,785	68	69	70 699	605,895	4 835,696	7,981	7,511
19	20	98 763	26 124,289	371 636,783	14,226	13,756	69	70	68 609	548,234	4 229,801	7,715	7,245
20	21	98 693	24 341,003	345 512,494	14,195	13,725	70	71	66 392	494,661	3 681,567	7,443	6,973
21	22	98 619	22 678,619	321 171,491	14,162	13,692	71	72	64 045	444,917	3 186,907	7,163	6,693
22	23	98 543	21 129,398	298 492,871	14,127	13,657	72	73	61 545	398,643	2 741,990	6,878	6,408
23	24	98 469	19 686,100	277 363,474	14,089	13,619	73	74	58 903	355,739	2 343,346	6,587	6,117
24	25	98 397	18 342,034	257 677,374	14,048	13,579	74	75	56 081	315,803	1 987,607	6,294	5,824
25	26	98 321	17 088,800	239 335,340	14,005	13,535	75	76	53 019	278,378	1 671,805	6,006	5,536
26	27	98 243	15 921,090	222 246,540	13,959	13,489	76	77	49 784	243,723	1 393,427	5,717	5,247
27	28	98 160	14 832,228	206 325,449	13,911	13,441	77	78	46 390	211,752	1 149,704	5,429	4,960
28	29	98 073	13 817,335	191 493,221	13,859	13,389	78	79	42 803	182,173	937,951	5,149	4,679
29	30	97 986	12 871,860	177 675,886	13,803	13,334	79	80	39 070	155,045	755,778	4,875	4,405
30	31	97 894	11 990,447	164 804,026	13,745	13,275	80	81	35 235	130,374	600,733	4,608	4,138
31	32	97 801	11 169,376	152 813,578	13,681	13,212	81	82	31 375	108,244	470,359	4,345	3,875
32	33	97 697	10 403,214	141 644,202	13,615	13,146	82	83	27 485	88,414	362,115	4,096	3,626
33	34	97 589	9 689,292	131 240,988	13,545	13,075	83	84	23 692	71,061	273,701	3,852	3,382
34	35	97 474	9 023,574	121 551,695	13,470	13,001	84	85	20 047	56,063	202,641	3,615	3,145
35	36	97 358	8 403,572	112 528,121	13,391	12,921	85	86	16 582	43,239	146,578	3,390	2,920
36	37	97 230	7 825,196	104 124,549	13,306	12,836	86	87	13 388	32,550	103,339	3,175	2,705
37	38	97 092	7 285,903	96 299,353	13,217	12,747	87	88	10 495	23,791	70,789	2,975	2,506
38	39	96 946	6 783,158	89 013,450	13,123	12,653	88	89	7 966	16,837	46,998	2,791	2,321
39	40	96 775	6 313,492	82 230,292	13,025	12,555	89	90	5 824	11,478	30,161	2,628	2,158
40	41	96 596	5 875,795	75 916,801	12,920	12,450	90	91	4 099	7,533	18,683	2,480	2,010
41	42	96 395	5 467,183	70 041,006	12,811	12,341	91	92	2 778	4,759	11,150	2,343	1,873
42	43	96 177	5 086,094	64 573,823	12,696	12,226	92	93	1 802	2,879	6,391	2,220	1,750
43	44	95 932	4 730,178	59 487,729	12,576	12,106	93	94	1 119	1,667	3,513	2,106	1,637
44	45	95 653	4 397,613	54 757,551	12,452	11,982	94	95	663	0,921	1,845	2,003	1,533
45	46	95 341	4 086,987	50 359,938	12,322	11,852	95	96	374	0,484	0,924	1,909	1,439
46	47	94 996	3 796,912	46 272,952	12,187	11,717	96	97	200	0,241	0,440	1,823	1,353
47	48	94 606	3 525,713	42 476,040	12,048	11,578	97	98	101	0,114	0,199	1,745	1,275
48	49	94 166	3 272,092	38 950,327	11,904	11,434	98	99	48	0,051	0,085	1,675	1,205
49	50	93 671	3 034,859	35 678,235	11,756	11,286	99	100	22	0,021	0,034	1,610	1,140

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß   7,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	2	99 658	99 658,418	1 449 952,425	14,549	14,079	50	52	92 902	2 806,469	32 391,259	11,542	11,072
1	3	99 258	92 548,412	1 350 294,007	14,590	14,120	51	53	92 276	2 599,130	29 584,790	11,383	10,913
2	4	99 215	86 254,351	1 257 745,595	14,582	14,112	52	54	91 564	2 404,714	26 985,660	11,222	10,752
3	5	99 184	80 398,875	1 171 491,244	14,571	14,101	53	55	90 815	2 223,814	24 580,946	11,054	10,584
4	6	99 160	74 945,985	1 091 092,370	14,558	14,088	54	56	89 993	2 054,735	22 357,132	10,881	10,411
5	7	99 138	69 864,342	1 016 146,384	14,545	14,075	55	57	89 099	1 896,790	20 302,397	10,704	10,234
6	8	99 119	65 128,949	946 282,042	14,529	14,059	56	58	88 142	1 749,582	18 405,607	10,520	10,050
7	9	99 101	60 715,405	881 153,093	14,513	14,043	57	59	87 113	1 612,276	16 656,025	10,331	9,861
8	10	99 086	56 602,531	820 437,688	14,495	14,025	58	60	86 005	1 484,152	15 043,749	10,136	9,666
9	11	99 071	52 768,112	763 835,156	14,475	14,005	59	61	84 789	1 364,262	13 559,598	9,939	9,469
10	12	99 055	49 193,238	711 067,044	14,455	13,985	60	62	83 497	1 252,660	12 195,335	9,736	9,266
11	13	99 039	45 860,030	661 873,806	14,432	13,963	61	63	82 108	1 148,553	10 942,675	9,527	9,057
12	14	99 021	42 752,435	616 013,776	14,409	13,939	62	64	80 644	1 051,820	9 794,122	9,312	8,842
13	15	99 000	39 853,655	573 261,341	14,384	13,914	63	65	79 092	961,839	8 742,302	9,089	8,619
14	16	98 976	37 150,790	533 407,686	14,358	13,888	64	66	77 482	878,566	7 780,462	8,856	8,386
15	17	98 946	34 628,903	496 256,896	14,331	13,861	65	67	75 736	800,720	6 901,897	8,620	8,150
16	18	98 913	32 277,093	461 627,993	14,302	13,832	66	68	73 915	728,633	6 101,177	8,373	7,904
17	19	98 864	30 080,503	429 350,900	14,273	13,803	67	69	71 986	661,653	5 372,544	8,120	7,650
18	20	98 810	28 031,797	399 270,397	14,243	13,774	68	70	69 948	599,459	4 710,891	7,859	7,389
19	21	98 741	26 118,490	371 238,600	14,214	13,744	69	71	67 813	541,872	4 111,432	7,587	7,118
20	22	98 672	24 335,909	345 120,110	14,182	13,712	70	72	65 537	488,291	3 569,560	7,310	6,840
21	23	98 597	22 673,532	320 784,201	14,148	13,678	71	73	63 118	438,475	3 081,269	7,027	6,557
22	24	98 521	21 124,568	298 110,670	14,112	13,642	72	74	60 544	392,161	2 642,794	6,739	6,269
23	25	98 449	19 682,121	276 986,102	14,073	13,603	73	75	57 807	349,120	2 250,633	6,447	5,977
24	26	98 376	18 337,999	257 303,981	14,031	13,561	74	76	54 878	309,026	1 901,513	6,153	5,683
25	27	98 297	17 084,156	238 965,982	13,987	13,517	75	77	51 721	271,560	1 592,487	5,864	5,394
26	28	98 217	15 916,813	221 881,226	13,940	13,470	76	78	48 404	236,966	1 320,927	5,574	5,104
27	29	98 135	14 828,478	205 964,413	13,890	13,420	77	79	44 902	204,962	1 083,961	5,289	4,819
28	30	98 045	13 813,371	191 135,935	13,837	13,367	78	80	41 249	175,559	878,999	5,007	4,537
29	31	97 958	12 868,217	177 322,565	13,780	13,310	79	81	37 438	148,570	703,440	4,735	4,265
30	32	97 864	11 986,826	164 454,348	13,720	13,250	80	82	33 558	124,169	554,870	4,469	3,999
31	33	97 767	11 165,417	152 467,522	13,655	13,185	81	83	29 645	102,275	430,701	4,211	3,741
32	34	97 661	10 399,411	141 302,105	13,588	13,118	82	84	25 762	82,869	328,426	3,963	3,493
33	35	97 548	9 685,177	130 902,694	13,516	13,046	83	85	21 979	65,922	245,557	3,725	3,255
34	36	97 435	9 019,985	121 217,518	13,439	12,969	84	86	18 388	51,423	179,635	3,493	3,023
35	37	97 311	8 399,578	112 197,532	13,358	12,888	85	87	15 020	39,165	128,212	3,274	2,804
36	38	97 178	7 821,020	103 797,954	13,272	12,802	86	88	11 938	29,025	89,047	3,068	2,598
37	39	97 038	7 281,847	95 976,934	13,180	12,710	87	89	9 211	20,882	60,022	2,874	2,404
38	40	96 882	6 778,671	88 695,088	13,084	12,615	88	90	6 838	14,454	39,140	2,708	2,238
39	41	96 707	6 309,033	81 916,417	12,984	12,514	89	91	4 923	9,701	24,686	2,545	2,075
40	42	96 518	5 871,085	75 607,384	12,878	12,408	90	92	3 371	6,194	14,985	2,419	1,949
41	43	96 309	5 462,317	69 736,299	12,767	12,297	91	93	2 252	3,858	8,790	2,278	1,808
42	44	96 078	5 080,886	64 273,982	12,650	12,180	92	94	1 429	2,282	4,932	2,161	1,691
43	45	95 824	4 724,865	59 193,096	12,528	12,058	93	95	867	1,291	2,650	2,053	1,583
44	46	95 532	4 392,031	54 468,231	12,402	11,932	94	96	501	0,695	1,359	1,954	1,484
45	47	95 207	4 081,228	50 076,200	12,270	11,800	95	97	275	0,356	0,664	1,864	1,395
46	48	94 841	3 790,704	45 994,972	12,134	11,664	96	98	143	0,173	0,308	1,783	1,313
47	49	94 439	3 519,478	42 204,268	11,992	11,522	97	99	70	0,079	0,135	1,709	1,239
48	50	93 973	3 265,359	38 684,790	11,847	11,377	98	100	33	0,034	0,056	1,641	1,171
49	51	93 465	3 028,173	35 419,431	11,697	11,227							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 7,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	3	99 644	99 643,575	1 449 399,960	14,546	14,076	50	53	92 647	2 798,764	32 118,957	11,476	11,006
1	4	99 247	92 538,071	1 349 756,386	14,586	14,116	51	54	91 999	2 591,315	29 320,194	11,315	10,845
2	5	99 203	86 244,071	1 257 218,315	14,577	14,108	52	55	91 271	2 397,040	26 728,878	11,151	10,681
3	6	99 174	80 390,748	1 170 974,243	14,566	14,096	53	56	90 493	2 215,935	24 331,838	10,980	10,510
4	7	99 152	74 939,458	1 090 583,495	14,553	14,083	54	57	89 654	2 046,984	22 115,903	10,804	10,334
5	8	99 130	69 858,346	1 015 644,037	14,539	14,069	55	58	88 742	1 889,209	20 068,919	10,623	10,153
6	9	99 112	65 124,153	945 785,691	14,523	14,053	56	59	87 753	1 741,862	18 179,710	10,437	9,967
7	10	99 095	60 711,217	880 661,538	14,506	14,036	57	60	86 702	1 604,662	16 437,848	10,244	9,774
8	11	99 079	56 598,514	819 950,321	14,487	14,017	58	61	85 541	1 476,153	14 833,185	10,049	9,579
9	12	99 063	52 763,892	763 351,807	14,467	13,997	59	62	84 302	1 356,422	13 357,032	9,847	9,377
10	13	99 047	49 189,278	710 587,915	14,446	13,976	60	63	82 970	1 244,759	12 000,610	9,641	9,171
11	14	99 030	45 855,922	661 398,636	14,423	13,954	61	64	81 555	1 140,814	10 755,851	9,428	8,958
12	15	99 011	42 747,802	615 542,714	14,399	13,930	62	65	80 052	1 044,090	9 615,037	9,209	8,739
13	16	98 987	39 848,641	572 794,913	14,374	13,904	63	66	78 474	954,328	8 570,947	8,981	8,511
14	17	98 961	37 145,074	532 946,271	14,348	13,878	64	67	76 819	871,050	7 616,619	8,744	8,274
15	18	98 930	34 623,346	495 801,198	14,320	13,850	65	68	75 045	793,407	6 745,569	8,502	8,032
16	19	98 890	32 269,720	461 177,852	14,291	13,821	66	69	73 197	721,558	5 952,162	8,249	7,779
17	20	98 844	30 074,291	428 908,132	14,262	13,792	67	70	71 222	654,625	5 230,604	7,990	7,520
18	21	98 788	28 025,574	398 833,841	14,231	13,761	68	71	69 136	592,503	4 575,979	7,723	7,253
19	22	98 720	26 113,023	370 808,267	14,200	13,730	69	72	66 939	534,894	3 983,476	7,447	6,977
20	23	98 650	24 330,450	344 695,244	14,167	13,697	70	73	64 589	481,221	3 448,582	7,166	6,696
21	24	98 574	22 668,349	320 364,794	14,133	13,663	71	74	62 092	431,345	2 967,361	6,879	6,409
22	25	98 501	21 120,298	297 696,445	14,095	13,625	72	75	59 417	384,864	2 536,015	6,589	6,119
23	26	98 427	19 677,791	276 576,147	14,055	13,585	73	76	56 566	341,628	2 151,152	6,297	5,827
24	27	98 352	18 333,659	256 898,356	14,012	13,542	74	77	53 534	301,457	1 809,523	6,003	5,533
25	28	98 271	17 080,166	238 564,697	13,967	13,497	75	78	50 287	264,031	1 508,066	5,712	5,242
26	29	98 192	15 912,788	221 484,531	13,919	13,449	76	79	46 852	229,367	1 244,035	5,424	4,954
27	30	98 107	14 824,223	205 571,743	13,867	13,397	77	80	43 272	197,520	1 014,668	5,137	4,667
28	31	98 017	13 809,461	190 747,520	13,813	13,343	78	81	39 526	168,227	817,147	4,857	4,388
29	32	97 928	12 864,330	176 938,059	13,754	13,284	79	82	35 657	141,499	648,921	4,586	4,116
30	33	97 829	11 982,577	164 073,728	13,693	13,223	80	83	31 708	117,322	507,421	4,325	3,855
31	34	97 731	11 161,334	152 091,151	13,627	13,157	81	84	27 786	95,861	390,099	4,069	3,600
32	35	97 620	10 394,993	140 929,817	13,557	13,088	82	85	23 899	76,877	294,238	3,827	3,358
33	36	97 509	9 681,324	130 534,824	13,483	13,013	83	86	20 160	60,467	217,362	3,595	3,125
34	37	97 388	9 015,699	120 853,499	13,405	12,935	84	87	16 655	46,578	156,895	3,368	2,899
35	38	97 259	8 395,096	111 837,800	13,322	12,852	85	88	13 393	34,924	110,317	3,159	2,689
36	39	97 124	7 816,666	103 442,705	13,234	12,764	86	89	10 478	25,476	75,394	2,959	2,490
37	40	96 974	7 277,029	95 626,039	13,141	12,671	87	90	7 908	17,927	49,918	2,785	2,315
38	41	96 813	6 773,883	88 349,010	13,043	12,573	88	91	5 780	12,217	31,991	2,619	2,149
39	42	96 629	6 303,976	81 575,126	12,940	12,470	89	92	4 048	7,978	19,775	2,479	2,009
40	43	96 433	5 865,860	75 271,150	12,832	12,362	90	93	2 733	5,022	11,797	2,349	1,879
41	44	96 210	5 456,724	69 405,291	12,719	12,249	91	94	1 785	3,059	6,775	2,215	1,745
42	45	95 971	5 075,180	63 948,567	12,600	12,130	92	95	1 106	1,767	3,716	2,103	1,634
43	46	95 702	4 718,868	58 873,387	12,476	12,006	93	96	654	0,975	1,949	2,000	1,531
44	47	95 397	4 385,842	54 154,519	12,348	11,878	94	97	368	0,511	0,975	1,907	1,437
45	48	95 051	4 074,555	49 768,677	12,215	11,745	95	98	197	0,255	0,464	1,821	1,351
46	49	94 673	3 784,000	45 694,122	12,076	11,606	96	99	99	0,120	0,209	1,744	1,274
47	50	94 245	3 512,236	41 910,123	11,933	11,463	97	100	47	0,053	0,089	1,673	1,203
48	51	93 766	3 258,165	38 397,886	11,785	11,315							
49	52	93 236	3 020,764	35 139,721	11,633	11,163							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß   7,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	4	99 632	99 632,441	1 448 813,364	14,542	14,072	50	54	92 368	2 790,349	31 825,481	11,406	10,936
1	5	99 235	92 527,042	1 349 180,923	14,581	14,112	51	55	91 705	2 583,046	29 035,131	11,241	10,771
2	6	99 193	86 235,354	1 256 653,881	14,572	14,102	52	56	90 948	2 388,547	26 452,085	11,075	10,605
3	7	99 165	80 383,747	1 170 418,527	14,560	14,090	53	57	90 151	2 207,576	24 063,538	10,900	10,431
4	8	99 143	74 933,026	1 090 034,779	14,547	14,077	54	58	89 295	2 038,803	21 855,963	10,720	10,250
5	9	99 123	69 853,201	1 015 101,753	14,532	14,062	55	59	88 351	1 880,874	19 817,160	10,536	10,066
6	10	99 105	65 119,661	945 248,552	14,516	14,046	56	60	87 339	1 733,637	17 936,286	10,346	9,876
7	11	99 088	60 706,908	880 128,891	14,498	14,028	57	61	86 235	1 596,014	16 202,649	10,152	9,682
8	12	99 071	56 593,988	819 421,983	14,479	14,009	58	62	85 050	1 467,670	14 606,635	9,952	9,482
9	13	99 055	52 759,644	762 827,995	14,459	13,989	59	63	83 770	1 347,866	13 138,965	9,748	9,278
10	14	99 039	49 184,872	710 068,351	14,437	13,967	60	64	82 411	1 236,372	11 791,098	9,537	9,067
11	15	99 019	45 850,952	660 883,478	14,414	13,944	61	65	80 956	1 132,430	10 554,726	9,320	8,851
12	16	98 998	42 742,424	615 032,526	14,389	13,919	62	66	79 427	1 035,936	9 422,296	9,095	8,626
13	17	98 972	39 842,510	572 290,102	14,364	13,894	63	67	77 803	946,164	8 386,361	8,864	8,394
14	18	98 945	37 139,113	532 447,592	14,337	13,867	64	68	76 118	863,095	7 440,196	8,620	8,150
15	19	98 908	34 615,437	495 308,480	14,309	13,839	65	69	74 316	785,703	6 577,101	8,371	7,901
16	20	98 869	32 263,055	460 693,042	14,279	13,809	66	70	72 420	713,894	5 791,398	8,112	7,643
17	21	98 822	30 067,614	428 429,987	14,249	13,779	67	71	70 395	647,028	5 077,504	7,847	7,378
18	22	98 768	28 019,708	398 362,372	14,217	13,747	68	72	68 246	584,873	4 430,476	7,575	7,105
19	23	98 698	26 107,166	370 342,664	14,185	13,716	69	73	65 970	527,150	3 845,603	7,295	6,825
20	24	98 627	24 324,888	344 235,498	14,152	13,682	70	74	63 538	473,396	3 318,453	7,010	6,540
21	25	98 554	22 663,767	319 910,610	14,116	13,646	71	75	60 936	423,319	2 845,057	6,721	6,251
22	26	98 479	21 115,652	297 246,843	14,077	13,607	72	76	58 142	376,605	2 421,738	6,430	5,961
23	27	98 404	19 673,134	276 131,191	14,036	13,566	73	77	55 181	333,261	2 045,133	6,137	5,667
24	28	98 326	18 328,734	256 458,057	13,992	13,522	74	78	52 049	293,100	1 711,872	5,841	5,371
25	29	98 246	17 075,847	238 129,323	13,945	13,475	75	79	48 674	255,564	1 418,772	5,552	5,082
26	30	98 164	15 908,223	221 053,477	13,896	13,426	76	80	45 151	221,040	1 163,208	5,262	4,793
27	31	98 079	14 820,027	205 145,254	13,842	13,373	77	81	41 464	189,271	942,168	4,978	4,508
28	32	97 987	13 805,290	190 325,227	13,786	13,317	78	82	37 645	160,221	752,897	4,699	4,229
29	33	97 894	12 859,770	176 519,937	13,727	13,257	79	83	33 690	133,696	592,676	4,433	3,963
30	34	97 794	11 978,196	163 660,166	13,663	13,193	80	84	29 719	109,965	458,980	4,174	3,704
31	35	97 690	11 156,593	151 681,970	13,596	13,126	81	85	25 776	88,929	349,016	3,925	3,455
32	36	97 581	10 390,859	140 525,377	13,524	13,054	82	86	21 921	70,515	260,087	3,688	3,219
33	37	97 463	9 676,724	130 134,519	13,448	12,978	83	87	18 260	54,769	189,572	3,461	2,991
34	38	97 337	9 010,887	120 457,795	13,368	12,898	84	88	14 852	41,534	134,803	3,246	2,776
35	39	97 205	8 390,422	111 446,908	13,283	12,813	85	89	11 756	30,653	93,269	3,043	2,573
36	40	97 059	7 811,495	103 056,486	13,193	12,723	86	90	8 996	21,871	62,616	2,863	2,393
37	41	96 905	7 271,890	95 244,991	13,098	12,628	87	91	6 684	15,152	40,745	2,689	2,219
38	42	96 736	6 768,454	87 973,101	12,998	12,528	88	92	4 753	10,046	25,594	2,548	2,078
39	43	96 543	6 298,365	81 204,647	12,893	12,423	89	93	3 282	6,468	15,548	2,404	1,934
40	44	96 334	5 859,853	74 906,282	12,783	12,313	90	94	2 167	3,981	9,080	2,281	1,811
41	45	96 102	5 450,595	69 046,428	12,668	12,198	91	95	1 382	2,368	5,099	2,153	1,683
42	46	95 849	5 068,738	63 595,834	12,547	12,077	92	96	835	1,334	2,731	2,047	1,578
43	47	95 567	4 712,219	58 527,095	12,420	11,950	93	97	481	0,717	1,397	1,950	1,480
44	48	95 241	4 378,671	53 814,877	12,290	11,820	94	98	263	0,366	0,680	1,861	1,391
45	49	94 883	4 067,349	49 436,206	12,154	11,685	95	99	137	0,177	0,315	1,780	1,310
46	50	94 478	3 776,214	45 368,857	12,014	11,544	96	100	67	0,081	0,138	1,706	1,236
47	51	94 037	3 504,499	41 592,643	11,868	11,398							
48	52	93 536	3 250,193	38 088,144	11,719	11,249							
49	53	92 980	3 012,471	34 837,951	11,565	11,095							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß   7,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	5	99 621	99 620,567	1 448 185,776	14,537	14,067	50	55	92 074	2 781,445	31 509,673	11,329	10,859
1	6	99 225	92 517,690	1 348 565,209	14,576	14,106	51	56	91 380	2 573,894	28 728,228	11,161	10,691
2	7	99 184	86 227,844	1 256 047,518	14,567	14,097	52	57	90 605	2 379,537	26 154,335	10,991	10,521
3	8	99 157	80 376,848	1 169 819,674	14,554	14,084	53	58	89 791	2 198,753	23 774,798	10,813	10,343
4	9	99 136	74 927,508	1 089 442,826	14,540	14,070	54	59	88 901	2 029,807	21 576,045	10,630	10,160
5	10	99 116	69 848,382	1 014 515,318	14,525	14,055	55	60	87 934	1 871,992	19 546,238	10,441	9,972
6	11	99 098	65 115,039	944 666,936	14,508	14,038	56	61	86 868	1 724,294	17 674,245	10,250	9,780
7	12	99 080	60 702,054	879 551,897	14,490	14,020	57	62	85 739	1 586,842	15 949,951	10,051	9,581
8	13	99 064	56 589,432	818 849,843	14,470	14,000	58	63	84 513	1 458,412	14 363,109	9,848	9,379
9	14	99 046	52 754,918	762 260,411	14,449	13,979	59	64	83 205	1 338,785	12 904,696	9,639	9,169
10	15	99 028	49 179,541	709 505,493	14,427	13,957	60	65	81 806	1 227,285	11 565,912	9,424	8,954
11	16	99 007	45 845,184	660 325,951	14,403	13,933	61	66	80 323	1 123,586	10 338,627	9,201	8,732
12	17	98 983	42 735,847	614 480,767	14,379	13,909	62	67	78 747	1 027,074	9 215,041	8,972	8,502
13	18	98 956	39 836,116	571 744,920	14,352	13,883	63	68	77 092	937,523	8 187,967	8,734	8,264
14	19	98 922	37 130,630	531 908,803	14,325	13,855	64	69	75 379	854,714	7 250,443	8,483	8,013
15	20	98 887	34 608,288	494 778,174	14,297	13,827	65	70	73 527	777,357	6 395,729	8,228	7,758
16	21	98 848	32 255,893	460 169,886	14,266	13,796	66	71	71 579	705,609	5 618,372	7,962	7,493
17	22	98 801	30 061,322	427 913,992	14,235	13,765	67	72	69 489	638,696	4 912,762	7,692	7,222
18	23	98 746	28 013,423	397 852,671	14,202	13,732	68	73	67 258	576,405	4 274,066	7,415	6,945
19	24	98 675	26 101,198	369 839,248	14,169	13,700	69	74	64 897	518,578	3 697,660	7,130	6,660
20	25	98 607	24 319,971	343 738,050	14,134	13,664	70	75	62 356	464,587	3 179,082	6,843	6,373
21	26	98 533	22 658,781	319 418,079	14,097	13,627	71	76	59 629	414,235	2 714,495	6,553	6,083
22	27	98 456	21 110,654	296 759,297	14,057	13,587	72	77	56 718	367,381	2 300,260	6,261	5,791
23	28	98 377	19 667,849	275 648,643	14,015	13,545	73	78	53 651	324,022	1 932,878	5,965	5,495
24	29	98 301	18 324,099	255 980,794	13,970	13,500	74	79	50 380	283,701	1 608,857	5,671	5,201
25	30	98 218	17 070,947	237 656,695	13,922	13,452	75	80	46 907	246,286	1 325,156	5,381	4,911
26	31	98 136	15 903,720	220 585,748	13,870	13,400	76	81	43 265	211,808	1 078,871	5,094	4,624
27	32	98 049	14 815,551	204 682,028	13,815	13,345	77	82	39 491	180,263	867,063	4,810	4,340
28	33	97 953	13 800,397	189 866,476	13,758	13,288	78	83	35 569	151,386	686,799	4,537	4,067
29	34	97 858	12 855,068	176 066,080	13,696	13,226	79	84	31 578	125,312	535,414	4,273	3,803
30	35	97 752	11 973,108	163 211,011	13,631	13,162	80	85	27 570	102,012	410,102	4,020	3,550
31	36	97 651	11 152,156	151 237,904	13,561	13,091	81	86	23 643	81,570	308,089	3,777	3,307
32	37	97 535	10 385,921	140 085,748	13,488	13,018	82	87	19 855	63,871	226,520	3,547	3,077
33	38	97 411	9 671,559	129 699,827	13,410	12,941	83	88	16 283	48,838	162,649	3,330	2,860
34	39	97 282	9 005,871	120 028,268	13,328	12,858	84	89	13 036	36,455	113,811	3,122	2,652
35	40	97 141	8 384,871	111 022,397	13,241	12,771	85	90	10 092	26,315	77,356	2,940	2,470
36	41	96 991	7 805,978	102 637,526	13,149	12,679	86	91	7 603	18,485	51,041	2,761	2,291
37	42	96 828	7 266,062	94 831,548	13,051	12,581	87	92	5 496	12,459	32,556	2,613	2,143
38	43	96 650	6 762,430	87 565,486	12,949	12,479	88	93	3 853	8,145	20,097	2,467	1,997
39	44	96 445	6 291,916	80 803,057	12,842	12,372	89	94	2 602	5,128	11,952	2,331	1,861
40	45	96 226	5 853,272	74 511,141	12,730	12,260	90	95	1 677	3,082	6,824	2,214	1,744
41	46	95 980	5 443,677	68 657,869	12,612	12,143	91	96	1 043	1,788	3,742	2,093	1,624
42	47	95 714	5 061,596	63 214,192	12,489	12,019	92	97	614	0,981	1,955	1,993	1,523
43	48	95 411	4 704,514	58 152,596	12,361	11,891	93	98	344	0,513	0,974	1,900	1,430
44	49	95 072	4 370,927	53 448,083	12,228	11,758	94	99	183	0,254	0,461	1,816	1,346
45	50	94 688	4 058,980	49 077,155	12,091	11,621	95	100	92	0,119	0,207	1,739	1,269
46	51	94 270	3 767,895	45 018,175	11,948	11,478							
47	52	93 807	3 495,924	41 250,281	11,800	11,330							
48	53	93 279	3 241,270	37 754,357	11,648	11,178							
49	54	92 701	3 003,413	34 513,087	11,491	11,021							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß   7,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	6	99 610	99 610,498	1 447 514,649	14,532	14,062	50	56	91 747	2 771,590	31 170,092	11,246	10,776
1	7	99 217	92 509,633	1 347 904,151	14,570	14,101	51	57	91 036	2 564,185	28 398,502	11,075	10,605
2	8	99 176	86 220,443	1 255 394,518	14,560	14,090	52	58	90 243	2 370,027	25 834,318	10,900	10,431
3	9	99 150	80 370,929	1 169 174,075	14,547	14,077	53	59	89 395	2 189,051	23 464,291	10,719	10,249
4	10	99 129	74 922,339	1 088 803,146	14,532	14,063	54	60	88 482	2 020,223	21 275,239	10,531	10,061
5	11	99 109	69 843,425	1 013 880,807	14,516	14,047	55	61	87 460	1 861,903	19 255,017	10,342	9,872
6	12	99 090	65 109,832	944 037,382	14,499	14,029	56	62	86 369	1 714,385	17 393,114	10,145	9,675
7	13	99 072	60 697,167	878 927,550	14,481	14,011	57	63	85 198	1 576,833	15 678,729	9,943	9,473
8	14	99 055	56 584,363	818 230,383	14,460	13,990	58	64	83 944	1 448,586	14 101,895	9,735	9,265
9	15	99 036	52 749,201	761 646,019	14,439	13,969	59	65	82 594	1 328,945	12 653,310	9,521	9,051
10	16	99 015	49 173,355	708 896,819	14,416	13,946	60	66	81 167	1 217,700	11 324,364	9,300	8,830
11	17	98 991	45 838,130	659 723,464	14,392	13,923	61	67	79 636	1 113,975	10 106,664	9,073	8,603
12	18	98 967	42 728,990	613 885,334	14,367	13,897	62	68	78 028	1 017,694	8 992,689	8,836	8,366
13	19	98 933	39 827,017	571 156,344	14,341	13,871	63	69	76 344	928,419	7 974,995	8,590	8,120
14	20	98 902	37 122,961	531 329,327	14,313	13,843	64	70	74 578	845,636	7 046,575	8,333	7,863
15	21	98 865	34 600,605	494 206,366	14,283	13,813	65	71	72 673	768,336	6 200,940	8,071	7,601
16	22	98 827	32 249,142	459 605,761	14,252	13,782	66	72	70 657	696,523	5 432,603	7,800	7,330
17	23	98 779	30 054,578	427 356,619	14,219	13,749	67	73	68 483	629,450	4 736,080	7,524	7,054
18	24	98 723	28 007,019	397 302,041	14,186	13,716	68	74	66 164	567,032	4 106,631	7,242	6,772
19	25	98 656	26 095,922	369 295,021	14,151	13,682	69	75	63 690	508,928	3 539,598	6,955	6,485
20	26	98 586	24 314,621	343 199,099	14,115	13,645	70	76	61 018	454,618	3 030,670	6,666	6,197
21	27	98 509	22 653,419	318 884,478	14,077	13,607	71	77	58 168	404,090	2 576,051	6,375	5,905
22	28	98 430	21 104,983	296 231,059	14,036	13,566	72	78	55 146	357,196	2 171,962	6,081	5,611
23	29	98 352	19 662,876	275 126,076	13,992	13,522	73	79	51 930	313,631	1 814,766	5,786	5,316
24	30	98 273	18 318,841	255 463,201	13,945	13,475	74	80	48 551	273,401	1 501,135	5,491	5,021
25	31	98 190	17 066,116	237 144,359	13,896	13,426	75	81	44 948	235,999	1 227,734	5,202	4,732
26	32	98 106	15 898,917	220 078,243	13,842	13,372	76	82	41 206	201,728	991,735	4,916	4,446
27	33	98 015	14 810,300	204 179,327	13,786	13,316	77	83	37 313	170,323	790,007	4,638	4,168
28	34	97 917	13 795,351	189 369,027	13,727	13,257	78	84	33 339	141,892	619,684	4,367	3,897
29	35	97 816	12 849,608	175 573,676	13,664	13,194	79	85	29 294	116,250	477,792	4,110	3,640
30	36	97 713	11 968,345	162 724,068	13,596	13,126	80	86	25 288	93,570	361,542	3,864	3,394
31	37	97 604	11 146,856	150 755,723	13,525	13,055	81	87	21 416	73,884	267,972	3,627	3,157
32	38	97 483	10 380,378	139 608,867	13,449	12,979	82	88	17 705	56,954	194,088	3,408	2,938
33	39	97 357	9 666,175	129 228,489	13,369	12,899	83	89	14 292	42,866	137,134	3,199	2,729
34	40	97 218	8 999,913	119 562,314	13,285	12,815	84	90	11 191	31,296	94,268	3,012	2,542
35	41	97 072	8 378,950	110 562,401	13,195	12,725	85	91	8 530	22,242	62,972	2,831	2,361
36	42	96 913	7 799,722	102 183,452	13,101	12,631	86	92	6 252	15,201	40,731	2,680	2,210
37	43	96 741	7 259,594	94 383,730	13,001	12,531	87	93	4 456	10,102	25,530	2,527	2,057
38	44	96 551	6 755,505	87 124,136	12,897	12,427	88	94	3 055	6,457	15,429	2,389	1,920
39	45	96 336	6 284,849	80 368,631	12,788	12,318	89	95	2 014	3,969	8,972	2,260	1,790
40	46	96 103	5 845,843	74 083,781	12,673	12,203	90	96	1 266	2,327	5,002	2,150	1,680
41	47	95 845	5 436,006	68 237,939	12,553	12,083	91	97	767	1,314	2,676	2,036	1,566
42	48	95 557	5 053,319	62 801,933	12,428	11,958	92	98	439	0,701	1,361	1,941	1,471
43	49	95 242	4 696,194	57 748,613	12,297	11,827	93	99	239	0,356	0,660	1,853	1,383
44	50	94 877	4 361,934	53 052,419	12,163	11,693	94	100	123	0,171	0,304	1,773	1,303
45	51	94 480	4 050,038	48 690,486	12,022	11,552							
46	52	94 040	3 758,676	44 640,448	11,877	11,407							
47	53	93 549	3 486,326	40 881,772	11,726	11,256							
48	54	92 999	3 231,525	37 395,446	11,572	11,102							
49	55	92 405	2 993,829	34 163,921	11,411	10,942							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß   7,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	7	99 602	99 601,823	1 446 794,555	14,526	14,056	50	57	91 401	2 761,135	30 805,720	11,157	10,687
1	8	99 208	92 501,693	1 347 192,732	14,564	14,094	51	58	90 672	2 553,937	28 044,585	10,981	10,511
2	9	99 168	86 214,094	1 254 691,039	14,553	14,083	52	59	89 845	2 359,570	25 490,649	10,803	10,333
3	10	99 143	80 365,384	1 168 476,946	14,540	14,070	53	60	88 973	2 178,715	23 131,079	10,617	10,147
4	11	99 122	74 917,022	1 088 111,561	14,524	14,054	54	61	88 005	2 009,335	20 952,365	10,428	9,958
5	12	99 101	69 837,840	1 013 194,539	14,508	14,038	55	62	86 957	1 851,203	18 943,030	10,233	9,763
6	13	99 082	65 104,591	943 356,700	14,490	14,020	56	63	85 824	1 703,571	17 091,826	10,033	9,563
7	14	99 063	60 691,730	878 252,109	14,471	14,001	57	64	84 624	1 566,209	15 388,255	9,825	9,355
8	15	99 044	56 578,230	817 560,379	14,450	13,980	58	65	83 327	1 437,940	13 822,046	9,612	9,142
9	16	99 023	52 742,565	760 982,148	14,428	13,958	59	66	81 949	1 318,567	12 384,107	9,392	8,922
10	17	99 000	49 165,788	708 239,583	14,405	13,935	60	67	80 472	1 207,284	11 065,540	9,166	8,696
11	18	98 975	45 830,774	659 073,795	14,381	13,911	61	68	78 909	1 103,801	9 858,256	8,931	8,461
12	19	98 944	42 719,230	613 243,021	14,355	13,885	62	69	77 270	1 007,812	8 754,455	8,687	8,217
13	20	98 913	39 818,791	570 523,791	14,328	13,858	63	70	75 533	918,558	7 746,643	8,433	7,964
14	21	98 880	37 114,720	530 705,000	14,299	13,829	64	71	73 713	835,822	6 828,085	8,169	7,699
15	22	98 844	34 593,364	493 590,280	14,268	13,798	65	72	71 738	758,442	5 992,262	7,901	7,431
16	23	98 805	32 241,908	458 996,916	14,236	13,766	66	73	69 634	686,439	5 233,820	7,625	7,155
17	24	98 756	30 047,708	426 755,008	14,203	13,733	67	74	67 369	619,214	4 547,381	7,344	6,874
18	25	98 703	28 001,358	396 707,300	14,167	13,698	68	75	64 933	556,481	3 928,167	7,059	6,589
19	26	98 634	26 090,181	368 705,942	14,132	13,662	69	76	62 323	498,008	3 371,685	6,770	6,300
20	27	98 562	24 308,867	342 615,760	14,094	13,624	70	77	59 524	443,483	2 873,678	6,480	6,010
21	28	98 483	22 647,333	318 306,893	14,055	13,585	71	78	56 556	392,887	2 430,194	6,185	5,716
22	29	98 405	21 099,646	295 659,560	14,013	13,543	72	79	53 377	345,741	2 037,308	5,893	5,423
23	30	98 324	19 657,234	274 559,914	13,967	13,497	73	80	50 045	302,244	1 691,566	5,597	5,127
24	31	98 245	18 313,657	254 902,680	13,919	13,449	74	81	46 523	261,982	1 389,322	5,303	4,833
25	32	98 160	17 060,961	236 589,024	13,867	13,397	75	82	42 809	224,768	1 127,340	5,016	4,546
26	33	98 072	15 893,281	219 528,062	13,813	13,343	76	83	38 934	190,604	902,572	4,735	4,265
27	34	97 979	14 804,885	203 634,782	13,755	13,285	77	84	34 973	159,642	711,968	4,460	3,990
28	35	97 875	13 789,491	188 829,897	13,694	13,224	78	85	30 928	131,631	552,327	4,196	3,726
29	36	97 777	12 844,497	175 040,406	13,628	13,158	79	86	26 870	106,630	420,696	3,945	3,475
30	37	97 667	11 962,658	162 195,909	13,559	13,089	80	87	22 906	84,754	314,066	3,706	3,236
31	38	97 552	11 140,907	150 233,251	13,485	13,015	81	88	19 096	65,883	229,312	3,481	3,011
32	39	97 428	10 374,599	139 092,344	13,407	12,937	82	89	15 540	49,989	163,429	3,269	2,799
33	40	97 292	9 659,780	128 717,745	13,325	12,855	83	90	12 269	36,800	113,440	3,083	2,613
34	41	97 149	8 993,557	119 057,965	13,238	12,768	84	91	9 458	26,451	76,640	2,897	2,428
35	42	96 994	8 372,234	110 064,408	13,146	12,676	85	92	7 014	18,290	50,189	2,744	2,274
36	43	96 827	7 792,779	101 692,174	13,050	12,580	86	93	5 069	12,324	31,899	2,588	2,118
37	44	96 642	7 252,161	93 899,395	12,948	12,478	87	94	3 533	8,008	19,575	2,444	1,975
38	45	96 442	6 747,918	86 647,234	12,841	12,371	88	95	2 365	4,998	11,567	2,314	1,844
39	46	96 214	6 276,872	79 899,316	12,729	12,259	89	96	1 521	2,997	6,569	2,192	1,722
40	47	95 968	5 837,605	73 622,444	12,612	12,142	90	97	931	1,711	3,572	2,088	1,618
41	48	95 688	5 427,118	67 784,839	12,490	12,020	91	98	549	0,940	1,861	1,980	1,510
42	49	95 388	5 044,383	62 357,721	12,362	11,892	92	99	305	0,487	0,921	1,890	1,420
43	50	95 046	4 686,531	57 313,338	12,229	11,759	93	100	161	0,240	0,434	1,807	1,337
44	51	94 668	4 352,324	52 626,807	12,092	11,622							
45	52	94 248	4 040,128	48 274,483	11,949	11,479							
46	53	93 781	3 748,357	44 234,355	11,801	11,331							
47	54	93 268	3 475,845	40 485,998	11,648	11,178							
48	55	92 702	3 221,213	37 010,154	11,490	11,020							
49	56	92 077	2 983,221	33 788,941	11,326	10,856							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß   7,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	8	99 593	99 593,274	1 446 020,144	14,519	14,049	50	58	91 036	2 750,100	30 415,127	11,060	10,590
1	9	99 201	92 494,881	1 346 426,870	14,557	14,087	51	59	90 272	2 542,668	27 665,028	10,880	10,410
2	10	99 161	86 208,146	1 253 931,989	14,545	14,076	52	60	89 420	2 348,428	25 122,360	10,698	10,228
3	11	99 136	80 359,681	1 167 723,843	14,531	14,061	53	61	88 493	2 166,973	22 773,932	10,510	10,040
4	12	99 114	74 911,031	1 087 364,162	14,515	14,046	54	62	87 499	1 997,788	20 606,959	10,315	9,845
5	13	99 093	69 832,218	1 012 453,131	14,498	14,028	55	63	86 409	1 839,527	18 609,172	10,116	9,646
6	14	99 073	65 098,759	942 620,913	14,480	14,010	56	64	85 246	1 692,093	16 769,645	9,911	9,441
7	15	99 052	60 685,152	877 522,154	14,460	13,990	57	65	84 002	1 554,698	15 077,552	9,698	9,228
8	16	99 031	56 571,113	816 837,002	14,439	13,969	58	66	82 676	1 426,709	13 522,854	9,478	9,008
9	17	99 008	52 734,450	760 265,889	14,417	13,947	59	67	81 248	1 307,287	12 096,145	9,253	8,783
10	18	98 984	49 157,899	707 531,439	14,393	13,923	60	68	79 738	1 196,258	10 788,857	9,019	8,549
11	19	98 953	45 820,306	658 373,541	14,369	13,899	61	69	78 143	1 093,083	9 592,599	8,776	8,306
12	20	98 924	42 710,407	612 553,235	14,342	13,872	62	70	76 450	997,108	8 499,516	8,524	8,054
13	21	98 891	39 809,952	569 842,828	14,314	13,844	63	71	74 656	907,899	7 502,409	8,263	7,794
14	22	98 859	37 106,952	530 032,876	14,284	13,814	64	72	72 763	825,059	6 594,510	7,993	7,523
15	23	98 822	34 585,603	492 925,924	14,252	13,782	65	73	70 699	747,462	5 769,451	7,719	7,249
16	24	98 782	32 234,538	458 340,321	14,219	13,749	66	74	68 502	675,277	5 021,989	7,437	6,967
17	25	98 736	30 041,634	426 105,783	14,184	13,714	67	75	66 115	607,692	4 346,712	7,153	6,683
18	26	98 681	27 995,198	396 064,148	14,148	13,678	68	76	63 540	544,540	3 739,020	6,866	6,396
19	27	98 610	26 084,007	368 068,950	14,111	13,641	69	77	60 797	485,810	3 194,480	6,576	6,106
20	28	98 536	24 302,336	341 984,943	14,072	13,602	70	78	57 873	431,188	2 708,670	6,282	5,812
21	29	98 458	22 641,606	317 682,607	14,031	13,561	71	79	54 742	380,288	2 277,481	5,989	5,519
22	30	98 376	21 093,592	295 041,001	13,987	13,517	72	80	51 439	333,189	1 897,194	5,694	5,224
23	31	98 296	19 651,670	273 947,408	13,940	13,470	73	81	47 955	289,621	1 564,005	5,400	4,930
24	32	98 215	18 308,125	254 295,738	13,890	13,420	74	82	44 309	249,514	1 274,384	5,107	4,638
25	33	98 126	17 054,914	235 987,613	13,837	13,367	75	83	40 448	212,373	1 024,870	4,826	4,356
26	34	98 036	15 887,470	218 932,699	13,780	13,310	76	84	36 492	178,651	812,496	4,548	4,078
27	35	97 937	14 798,596	203 045,229	13,721	13,251	77	85	32 444	148,097	633,846	4,280	3,810
28	36	97 836	13 784,006	188 246,633	13,657	13,187	78	86	28 368	120,738	485,749	4,023	3,553
29	37	97 731	12 838,393	174 462,627	13,589	13,119	79	87	24 338	96,583	365,011	3,779	3,309
30	38	97 615	11 956,274	161 624,234	13,518	13,048	80	88	20 425	75,576	268,428	3,552	3,082
31	39	97 498	11 134,705	149 667,961	13,442	12,972	81	89	16 761	57,826	192,852	3,335	2,865
32	40	97 364	10 367,736	138 533,256	13,362	12,892	82	90	13 341	42,915	135,026	3,146	2,676
33	41	97 224	9 652,958	128 165,520	13,277	12,807	83	91	10 370	31,103	92,111	2,961	2,492
34	42	97 071	8 986,349	118 512,562	13,188	12,718	84	92	7 778	21,751	61,008	2,805	2,335
35	43	96 908	8 364,782	109 526,213	13,094	12,624	85	93	5 687	14,829	39,257	2,647	2,177
36	44	96 728	7 784,800	101 161,431	12,995	12,525	86	94	4 018	9,770	24,428	2,500	2,030
37	45	96 534	7 244,016	93 376,632	12,890	12,420	87	95	2 735	6,199	14,658	2,364	1,895
38	46	96 320	6 739,353	86 132,616	12,781	12,311	88	96	1 785	3,774	8,459	2,242	1,772
39	47	96 078	6 268,027	79 393,263	12,666	12,196	89	97	1 118	2,203	4,685	2,126	1,656
40	48	95 811	5 828,060	73 125,236	12,547	12,077	90	98	666	1,224	2,482	2,028	1,558
41	49	95 519	5 417,520	67 297,175	12,422	11,952	91	99	381	0,653	1,258	1,926	1,456
42	50	95 192	5 034,003	61 879,655	12,292	11,822	92	100	206	0,329	0,605	1,841	1,371
43	51	94 837	4 676,206	56 845,652	12,156	11,686							
44	52	94 436	4 341,675	52 169,446	12,016	11,546							
45	53	93 990	4 029,037	47 827,771	11,871	11,401							
46	54	93 499	3 737,087	43 798,734	11,720	11,250							
47	55	92 971	3 464,752	40 061,647	11,563	11,093							
48	56	92 374	3 209,799	36 596,895	11,402	10,932							
49	57	91 730	2 971,968	33 387,095	11,234	10,764							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß   7,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$
0	9	99 586	99 585,940	1 445 187,076	14,512	14,042	50	59	90 634	2 737,965	29 996,797	10,956	10,486
1	10	99 194	92 488,500	1 345 601,136	14,549	14,079	51	60	89 846	2 530,661	27 258,832	10,771	10,302
2	11	99 154	86 202,028	1 253 112,636	14,537	14,067	52	61	88 939	2 335,771	24 728,171	10,587	10,117
3	12	99 128	80 353,255	1 166 910,608	14,522	14,052	53	62	87 985	2 154,520	22 392,399	10,393	9,923
4	13	99 106	74 905,001	1 086 557,353	14,506	14,036	54	63	86 947	1 985,186	20 237,880	10,194	9,725
5	14	99 084	69 825,963	1 011 652,353	14,488	14,018	55	64	85 827	1 827,132	18 252,693	9,990	9,520
6	15	99 063	65 091,703	941 826,390	14,469	13,999	56	65	84 619	1 679,657	16 425,561	9,779	9,309
7	16	99 040	60 677,518	876 734,687	14,449	13,979	57	66	83 346	1 542,556	14 745,904	9,559	9,089
8	17	99 016	56 562,409	816 057,169	14,428	13,958	58	67	81 969	1 414,505	13 203,348	9,334	8,864
9	18	98 992	52 725,987	759 494,760	14,405	13,935	59	68	80 506	1 295,349	11 788,843	9,101	8,631
10	19	98 962	49 146,670	706 768,773	14,381	13,911	60	69	78 963	1 184,642	10 493,494	8,858	8,388
11	20	98 932	45 810,842	657 622,103	14,355	13,885	61	70	77 313	1 081,473	9 308,852	8,608	8,138
12	21	98 902	42 700,925	611 811,260	14,328	13,858	62	71	75 562	985,536	8 227,380	8,348	7,878
13	22	98 870	39 801,620	569 110,335	14,299	13,829	63	72	73 695	896,207	7 241,843	8,081	7,611
14	23	98 837	37 098,628	529 308,715	14,268	13,798	64	73	71 710	813,114	6 345,636	7,804	7,334
15	24	98 800	34 577,698	492 210,087	14,235	13,765	65	74	69 549	735,307	5 532,521	7,524	7,054
16	25	98 762	32 228,022	457 632,389	14,200	13,730	66	75	67 227	662,711	4 797,214	7,239	6,769
17	26	98 715	30 035,026	425 404,367	14,164	13,694	67	76	64 697	594,652	4 134,503	6,953	6,483
18	27	98 658	27 988,573	395 369,341	14,126	13,656	68	77	61 984	531,203	3 539,851	6,664	6,194
19	28	98 584	26 076,999	367 380,768	14,088	13,618	69	78	59 111	472,342	3 008,648	6,370	5,900
20	29	98 511	24 296,191	341 303,769	14,048	13,578	70	79	56 017	417,361	2 536,306	6,077	5,607
21	30	98 430	22 635,110	317 007,578	14,005	13,535	71	80	52 755	366,481	2 118,945	5,782	5,312
22	31	98 349	21 087,622	294 372,468	13,959	13,490	72	81	49 291	319,273	1 752,464	5,489	5,019
23	32	98 267	19 645,735	273 284,846	13,911	13,441	73	82	45 673	275,838	1 433,191	5,196	4,726
24	33	98 180	18 301,636	253 639,111	13,859	13,389	74	83	41 866	235,755	1 157,353	4,909	4,439
25	34	98 090	17 048,678	235 337,475	13,804	13,334	75	84	37 911	199,055	921,598	4,630	4,160
26	35	97 994	15 880,721	218 288,798	13,746	13,276	76	85	33 853	165,731	722,543	4,360	3,890
27	36	97 898	14 792,710	202 408,076	13,683	13,213	77	86	29 759	135,841	556,812	4,099	3,629
28	37	97 790	13 777,456	187 615,367	13,618	13,148	78	87	25 695	109,362	420,971	3,849	3,379
29	38	97 679	12 831,541	173 837,911	13,548	13,078	79	88	21 702	86,124	311,609	3,618	3,148
30	39	97 560	11 949,617	161 006,370	13,474	13,004	80	89	17 927	66,334	225,485	3,399	2,929
31	40	97 433	11 127,339	149 056,753	13,396	12,926	81	90	14 389	49,643	159,151	3,206	2,736
32	41	97 295	10 360,414	137 929,414	13,313	12,843	82	91	11 276	36,272	109,509	3,019	2,549
33	42	97 146	9 645,221	127 569,000	13,226	12,756	83	92	8 527	25,577	73,237	2,863	2,394
34	43	96 985	8 978,350	117 923,779	13,134	12,664	84	93	6 306	17,635	47,660	2,703	2,233
35	44	96 809	8 356,217	108 945,429	13,038	12,568	85	94	4 508	11,755	30,025	2,554	2,084
36	45	96 619	7 776,056	100 589,212	12,936	12,466	86	95	3 111	7,563	18,269	2,416	1,946
37	46	96 411	7 234,821	92 813,156	12,829	12,359	87	96	2 065	4,680	10,706	2,288	1,818
38	47	96 184	6 729,857	85 578,334	12,716	12,246	88	97	1 313	2,775	6,026	2,172	1,702
39	48	95 921	6 257,778	78 848,478	12,600	12,130	89	98	800	1,576	3,252	2,063	1,593
40	49	95 642	5 817,754	72 590,699	12,477	12,008	90	99	463	0,850	1,676	1,971	1,501
41	50	95 322	5 406,373	66 772,946	12,351	11,881	91	100	257	0,440	0,825	1,875	1,405
42	51	94 982	5 022,913	61 366,573	12,217	11,747							
43	52	94 605	4 664,765	56 343,659	12,079	11,609							
44	53	94 177	4 329,756	51 678,895	11,936	11,466							
45	54	93 707	4 016,923	47 349,139	11,787	11,318							
46	55	93 201	3 725,161	43 332,216	11,632	11,162							
47	56	92 641	3 452,476	39 607,055	11,472	11,002							
48	57	92 025	3 197,691	36 154,579	11,306	10,837							
49	58	91 363	2 960,090	32 956,887	11,134	10,664							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß   7,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	10	99 579	99 579,070	1 444 289,565	14,504	14,034	50	60	90 206	2 725,037	29 549,700	10,844	10,374
1	11	99 187	92 481,936	1 344 710,495	14,540	14,070	51	61	89 361	2 517,023	26 824,663	10,657	10,187
2	12	99 146	86 195,135	1 252 228,559	14,528	14,058	52	62	88 427	2 322,348	24 307,641	10,467	9,997
3	13	99 120	80 346,786	1 166 033,424	14,513	14,043	53	63	87 430	2 140,930	21 985,292	10,269	9,799
4	14	99 097	74 898,291	1 085 686,638	14,495	14,026	54	64	86 361	1 971,811	19 844,363	10,064	9,594
5	15	99 073	69 818,394	1 010 788,347	14,477	14,007	55	65	85 196	1 813,704	17 872,552	9,854	9,384
6	16	99 050	65 083,515	940 969,952	14,458	13,988	56	66	83 958	1 666,539	16 058,848	9,636	9,166
7	17	99 024	60 668,182	875 886,437	14,437	13,967	57	67	82 633	1 529,361	14 392,309	9,411	8,941
8	18	99 000	56 553,332	815 218,256	14,415	13,945	58	68	81 220	1 401,587	12 862,949	9,177	8,708
9	19	98 969	52 713,944	758 664,924	14,392	13,922	59	69	79 724	1 282,770	11 461,361	8,935	8,465
10	20	98 941	49 136,520	705 950,980	14,367	13,897	60	70	78 125	1 172,059	10 178,591	8,684	8,214
11	21	98 910	45 800,673	656 814,460	14,341	13,871	61	71	76 416	1 068,922	9 006,532	8,426	7,956
12	22	98 881	42 691,988	611 013,787	14,312	13,842	62	72	74 589	972,845	7 937,610	8,159	7,689
13	23	98 848	39 792,691	568 321,799	14,282	13,812	63	73	72 628	883,232	6 964,764	7,886	7,416
14	24	98 815	37 090,148	528 529,108	14,250	13,780	64	74	70 544	799,892	6 081,532	7,603	7,133
15	25	98 780	34 570,708	491 438,960	14,215	13,746	65	75	68 255	721,625	5 281,639	7,319	6,849
16	26	98 740	32 220,933	456 868,251	14,179	13,709	66	76	65 785	648,491	4 560,014	7,032	6,562
17	27	98 691	30 027,917	424 647,318	14,142	13,672	67	77	63 112	580,087	3 911,523	6,743	6,273
18	28	98 631	27 981,054	394 619,401	14,103	13,633	68	78	60 265	516,476	3 331,436	6,450	5,980
19	29	98 559	26 070,405	366 638,347	14,063	13,593	69	79	57 216	457,195	2 814,960	6,157	5,687
20	30	98 483	24 289,220	340 567,942	14,021	13,551	70	80	53 984	402,208	2 357,765	5,862	5,392
21	31	98 402	22 628,703	316 278,722	13,977	13,507	71	81	50 551	351,175	1 955,557	5,569	5,099
22	32	98 319	21 081,253	293 650,019	13,929	13,460	72	82	46 945	304,079	1 604,382	5,276	4,806
23	33	98 232	19 638,771	272 568,766	13,879	13,409	73	83	43 154	260,627	1 300,304	4,989	4,519
24	34	98 145	18 294,944	252 929,994	13,825	13,355	74	84	39 240	220,970	1 039,677	4,705	4,235
25	35	98 048	17 041,436	234 635,050	13,769	13,299	75	85	35 170	184,660	818,707	4,434	3,964
26	36	97 955	15 874,405	217 593,615	13,707	13,237	76	86	31 052	152,016	634,046	4,171	3,701
27	37	97 852	14 785,680	201 719,210	13,643	13,173	77	87	26 955	123,042	482,030	3,918	3,448
28	38	97 738	13 770,103	186 933,530	13,575	13,105	78	88	22 913	97,519	358,988	3,681	3,211
29	39	97 624	12 824,398	173 163,427	13,503	13,033	79	89	19 049	75,592	261,469	3,459	2,989
30	40	97 496	11 941,712	160 339,030	13,427	12,957	80	90	15 390	56,946	185,877	3,264	2,794
31	41	97 365	11 119,480	148 397,317	13,346	12,876	81	91	12 162	41,958	128,931	3,073	2,603
32	42	97 217	10 352,110	137 277,837	13,261	12,791	82	92	9 272	29,827	86,973	2,916	2,446
33	43	97 059	9 636,636	126 925,727	13,171	12,701	83	93	6 914	20,737	57,146	2,756	2,286
34	44	96 886	8 969,157	117 289,091	13,077	12,607	84	94	4 999	13,980	36,409	2,604	2,134
35	45	96 700	8 346,832	108 319,934	12,977	12,507	85	95	3 490	9,100	22,429	2,465	1,995
36	46	96 496	7 766,187	99 973,103	12,873	12,403	86	96	2 348	5,710	13,329	2,334	1,864
37	47	96 275	7 224,627	92 206,916	12,763	12,293	87	97	1 518	3,441	7,619	2,214	1,744
38	48	96 027	6 718,853	84 982,289	12,648	12,178	88	98	939	1,985	4,178	2,105	1,635
39	49	95 752	6 246,712	78 263,437	12,529	12,059	89	99	556	1,095	2,193	2,003	1,533
40	50	95 445	5 805,783	72 016,725	12,404	11,934	90	100	312	0,573	1,098	1,916	1,446
41	51	95 112	5 394,463	66 210,942	12,274	11,804							
42	52	94 750	5 010,623	60 816,480	12,138	11,668							
43	53	94 345	4 651,958	55 805,856	11,996	11,526							
44	54	93 894	4 316,738	51 153,898	11,850	11,380							
45	55	93 408	4 004,104	46 837,160	11,697	11,227							
46	56	92 871	3 711,962	42 833,056	11,539	11,069							
47	57	92 292	3 439,453	39 121,094	11,374	10,904							
48	58	91 657	3 184,912	35 681,641	11,203	10,733							
49	59	90 960	2 947,029	32 496,729	11,027	10,557							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß   7,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	11	99 572	99 572,003	1 443 322,241	14,495	14,025	50	61	89 720	2 710,350	29 072,442	10,726	10,257
1	12	99 179	92 474,541	1 343 750,238	14,531	14,061	51	62	88 848	2 502,558	26 362,092	10,534	10,064
2	13	99 139	86 188,196	1 251 275,698	14,518	14,048	52	63	87 870	2 307,700	23 859,534	10,339	9,869
3	14	99 111	80 339,589	1 165 087,502	14,502	14,032	53	64	86 841	2 126,505	21 551,834	10,135	9,665
4	15	99 086	74 890,173	1 084 747,913	14,485	14,015	54	65	85 727	1 957,319	19 425,330	9,924	9,455
5	16	99 061	69 809,612	1 009 857,740	14,466	13,996	55	66	84 530	1 799,539	17 468,011	9,707	9,237
6	17	99 035	65 073,500	940 048,128	14,446	13,976	56	67	83 240	1 652,283	15 668,472	9,483	9,013
7	18	99 008	60 658,446	874 974,627	14,425	13,955	57	68	81 879	1 515,394	14 016,189	9,249	8,779
8	19	98 978	56 540,414	814 316,181	14,402	13,932	58	69	80 431	1 387,977	12 500,795	9,006	8,537
9	20	98 949	52 703,056	757 775,767	14,378	13,908	59	70	78 877	1 269,145	11 112,818	8,756	8,286
10	21	98 919	49 125,612	705 072,710	14,352	13,883	60	71	77 218	1 158,458	9 843,673	8,497	8,027
11	22	98 890	45 791,087	655 947,098	14,325	13,855	61	72	75 431	1 055,158	8 685,215	8,231	7,761
12	23	98 859	42 682,411	610 156,011	14,295	13,825	62	73	73 509	958,761	7 630,057	7,958	7,488
13	24	98 825	39 783,595	567 473,600	14,264	13,794	63	74	71 447	868,870	6 671,296	7,678	7,208
14	25	98 795	37 082,651	527 690,005	14,230	13,760	64	75	69 231	785,008	5 802,426	7,392	6,922
15	26	98 758	34 563,104	490 607,354	14,195	13,725	65	76	66 791	706,140	5 017,418	7,105	6,636
16	27	98 717	32 213,307	456 044,250	14,157	13,687	66	77	64 174	632,608	4 311,278	6,815	6,345
17	28	98 665	30 019,851	423 830,943	14,118	13,648	67	78	61 362	564,005	3 678,670	6,522	6,053
18	29	98 607	27 973,978	393 811,093	14,078	13,608	68	79	58 333	499,914	3 114,665	6,230	5,761
19	30	98 531	26 062,925	365 837,114	14,037	13,567	69	80	55 138	440,596	2 614,751	5,935	5,465
20	31	98 455	24 282,345	339 774,189	13,993	13,523	70	81	51 729	385,410	2 174,156	5,641	5,171
21	32	98 372	22 621,869	315 491,844	13,946	13,476	71	82	48 145	334,462	1 788,746	5,348	4,878
22	33	98 284	21 073,780	292 869,975	13,897	13,427	72	83	44 357	287,311	1 454,284	5,062	4,592
23	34	98 196	19 631,591	271 796,195	13,845	13,375	73	84	40 448	244,282	1 166,973	4,777	4,307
24	35	98 103	18 287,173	252 164,604	13,789	13,319	74	85	36 403	204,991	922,691	4,501	4,031
25	36	98 009	17 034,658	233 877,432	13,730	13,260	75	86	32 259	169,379	717,700	4,237	3,767
26	37	97 909	15 866,861	216 842,774	13,666	13,196	76	87	28 126	137,693	548,321	3,982	3,512
27	38	97 799	14 777,789	200 975,913	13,600	13,130	77	88	24 036	109,718	410,628	3,743	3,273
28	39	97 683	13 762,437	186 198,124	13,529	13,060	78	89	20 111	85,593	300,911	3,516	3,046
29	40	97 560	12 815,914	172 435,687	13,455	12,985	79	90	16 353	64,894	215,317	3,318	2,848
30	41	97 427	11 933,279	159 619,774	13,376	12,906	80	91	13 008	48,131	150,423	3,125	2,655
31	42	97 287	11 110,568	147 686,495	13,292	12,823	81	92	10 001	34,503	102,291	2,965	2,495
32	43	97 131	10 342,896	136 575,927	13,205	12,735	82	93	7 518	24,183	67,789	2,803	2,333
33	44	96 960	9 626,769	126 233,031	13,113	12,643	83	94	5 481	16,439	43,606	2,653	2,183
34	45	96 777	8 959,083	116 606,262	13,015	12,546	84	95	3 870	10,822	27,167	2,510	2,040
35	46	96 577	8 336,238	107 647,179	12,913	12,443	85	96	2 635	6,870	16,344	2,379	1,909
36	47	96 360	7 755,243	99 310,942	12,806	12,336	86	97	1 727	4,198	9,474	2,257	1,787
37	48	96 118	7 212,813	91 555,699	12,693	12,224	87	98	1 086	2,461	5,276	2,144	1,674
38	49	95 857	6 706,971	84 342,885	12,575	12,106	88	99	652	1,379	2,814	2,041	1,571
39	50	95 555	6 233,858	77 635,914	12,454	11,984	89	100	375	0,738	1,436	1,945	1,475
40	51	95 235	5 792,993	71 402,056	12,326	11,856							
41	52	94 880	5 381,263	65 609,063	12,192	11,722							
42	53	94 490	4 996,867	60 227,800	12,053	11,583							
43	54	94 062	4 637,972	55 230,933	11,908	11,439							
44	55	93 594	4 302,962	50 592,961	11,758	11,288							
45	56	93 077	3 989,917	46 289,998	11,602	11,132							
46	57	92 521	3 697,960	42 300,081	11,439	10,969							
47	58	91 923	3 425,707	38 602,121	11,268	10,798							
48	59	91 253	3 170,859	35 176,415	11,094	10,624							
49	60	90 531	2 933,113	32 005,556	10,912	10,442							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß   7,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	12	99 564	99 564,040	1 442 280,089	14,486	14,016	50	62	89 205	2 694,775	28 564,604	10,600	10,130
1	13	99 171	92 467,097	1 342 716,049	14,521	14,051	51	63	88 287	2 486,773	25 869,830	10,403	9,933
2	14	99 130	86 180,475	1 250 248,952	14,507	14,037	52	64	87 278	2 292,151	23 383,057	10,201	9,731
3	15	99 100	80 330,881	1 164 068,477	14,491	14,021	53	65	86 202	2 110,876	21 090,906	9,992	9,522
4	16	99 074	74 880,753	1 083 737,596	14,473	14,003	54	66	85 057	1 942,032	18 980,030	9,773	9,303
5	17	99 046	69 798,870	1 008 856,843	14,454	13,984	55	67	83 807	1 784,145	17 037,998	9,550	9,080
6	18	99 019	65 063,058	939 057,973	14,433	13,963	56	68	82 480	1 637,194	15 253,852	9,317	8,847
7	19	98 986	60 644,591	873 994,915	14,412	13,942	57	69	81 084	1 500,679	13 616,658	9,074	8,604
8	20	98 957	56 528,737	813 350,324	14,388	13,918	58	70	79 577	1 373,235	12 115,980	8,823	8,353
9	21	98 927	52 691,357	756 821,587	14,363	13,893	59	71	77 962	1 254,417	10 742,745	8,564	8,094
10	22	98 899	49 115,330	704 130,231	14,336	13,866	60	72	76 224	1 143,540	9 488,328	8,297	7,827
11	23	98 868	45 780,815	655 014,900	14,308	13,838	61	73	74 339	1 039,881	8 344,788	8,025	7,555
12	24	98 836	42 672,655	609 234,085	14,277	13,807	62	74	72 314	943,170	7 304,907	7,745	7,275
13	25	98 806	39 775,554	566 561,430	14,244	13,774	63	75	70 118	852,702	6 361,736	7,461	6,991
14	26	98 773	37 074,493	526 785,877	14,209	13,739	64	76	67 746	768,164	5 509,034	7,172	6,702
15	27	98 735	34 554,924	489 711,383	14,172	13,702	65	77	65 155	688,845	4 740,870	6,882	6,412
16	28	98 691	32 204,653	455 156,460	14,133	13,663	66	78	62 394	615,069	4 052,025	6,588	6,118
17	29	98 640	30 012,259	422 951,807	14,093	13,623	67	79	59 395	545,919	3 436,956	6,296	5,826
18	30	98 578	27 965,952	392 939,547	14,051	13,581	68	80	56 215	481,764	2 891,037	6,001	5,531
19	31	98 503	26 055,548	364 973,595	14,008	13,538	69	81	52 835	422,194	2 409,274	5,707	5,237
20	32	98 425	24 275,011	338 918,047	13,962	13,492	70	82	49 267	367,068	1 987,080	5,413	4,943
21	33	98 337	22 613,850	314 643,036	13,914	13,444	71	83	45 491	316,018	1 620,012	5,126	4,656
22	34	98 248	21 066,075	292 029,185	13,863	13,393	72	84	41 575	269,293	1 303,993	4,842	4,372
23	35	98 154	19 623,252	270 963,111	13,808	13,338	73	85	37 523	226,617	1 034,700	4,566	4,096
24	36	98 064	18 279,391	251 339,859	13,750	13,280	74	86	33 390	188,027	808,083	4,298	3,828
25	37	97 962	17 026,562	233 059,960	13,688	13,218	75	87	29 220	153,419	620,057	4,042	3,572
26	38	97 856	15 858,393	216 033,398	13,623	13,153	76	88	25 080	122,782	466,637	3,801	3,331
27	39	97 745	14 769,562	200 175,005	13,553	13,083	77	89	21 097	96,301	343,855	3,571	3,101
28	40	97 619	13 753,332	185 405,443	13,481	13,011	78	90	17 265	73,480	247,555	3,369	2,899
29	41	97 491	12 806,863	171 652,110	13,403	12,933	79	91	13 822	54,849	174,074	3,174	2,704
30	42	97 349	11 923,714	158 845,248	13,322	12,852	80	92	10 697	39,579	119,225	3,012	2,542
31	43	97 200	11 100,679	146 921,533	13,235	12,765	81	93	8 108	27,974	79,646	2,847	2,377
32	44	97 031	10 332,305	135 820,855	13,145	12,675	82	94	5 960	19,171	51,672	2,695	2,225
33	45	96 851	9 615,957	125 488,550	13,050	12,580	83	95	4 243	12,726	32,501	2,554	2,084
34	46	96 654	8 947,712	115 872,593	12,950	12,480	84	96	2 922	8,170	19,775	2,420	1,950
35	47	96 441	8 324,491	106 924,881	12,845	12,375	85	97	1 937	5,052	11,605	2,297	1,827
36	48	96 203	7 742,562	98 600,390	12,735	12,265	86	98	1 235	3,003	6,553	2,182	1,713
37	49	95 948	7 200,058	90 857,828	12,619	12,149	87	99	754	1,710	3,551	2,076	1,606
38	50	95 660	6 693,170	83 657,770	12,499	12,029	88	100	440	0,929	1,841	1,980	1,510
39	51	95 344	6 220,125	76 964,600	12,373	11,904							
40	52	95 002	5 778,818	70 744,474	12,242	11,772							
41	53	94 619	5 366,490	64 965,656	12,106	11,636							
42	54	94 206	4 981,844	59 599,166	11,963	11,493							
43	55	93 761	4 623,171	54 617,322	11,814	11,344							
44	56	93 263	4 287,716	49 994,151	11,660	11,190							
45	57	92 726	3 974,866	45 706,435	11,499	11,029							
46	58	92 151	3 683,181	41 731,569	11,330	10,860							
47	59	91 517	3 410,591	38 048,388	11,156	10,686							
48	60	90 822	3 155,886	34 637,796	10,976	10,506							
49	61	90 043	2 917,306	31 481,910	10,791	10,322							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß   7,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	13	99 556	99 556,026	1 441 158,513	14,476	14,006	50	63	88 642	2 677,777	28 024,838	10,466	9,996
1	14	99 162	92 458,814	1 341 602,487	14,510	14,040	51	64	87 692	2 470,017	25 347,061	10,262	9,792
2	15	99 119	86 171,135	1 249 143,674	14,496	14,026	52	65	86 636	2 275,305	22 877,044	10,054	9,585
3	16	99 088	80 320,776	1 162 972,539	14,479	14,009	53	66	85 529	2 094,390	20 601,739	9,837	9,367
4	17	99 059	74 869,230	1 082 651,762	14,461	13,991	54	67	84 330	1 925,420	18 507,349	9,612	9,142
5	18	99 030	69 787,669	1 007 782,532	14,441	13,971	55	68	83 042	1 767,852	16 581,929	9,380	8,910
6	19	98 996	65 048,197	937 994,863	14,420	13,950	56	69	81 679	1 621,296	14 814,077	9,137	8,667
7	20	98 965	60 632,066	872 946,666	14,397	13,928	57	70	80 223	1 484,739	13 192,781	8,886	8,416
8	21	98 935	56 516,188	812 314,600	14,373	13,903	58	71	78 654	1 357,299	11 708,042	8,626	8,156
9	22	98 906	52 680,329	755 798,412	14,347	13,877	59	72	76 958	1 238,264	10 350,744	8,359	7,889
10	23	98 876	49 104,312	703 118,083	14,319	13,849	60	73	75 120	1 126,984	9 112,480	8,086	7,616
11	24	98 845	45 770,350	654 013,771	14,289	13,819	61	74	73 131	1 022,972	7 985,496	7,806	7,336
12	25	98 817	42 664,029	608 243,421	14,257	13,787	62	75	70 968	925,620	6 962,524	7,522	7,052
13	26	98 784	39 766,804	565 579,392	14,222	13,753	63	76	68 613	834,405	6 036,904	7,235	6,765
14	27	98 749	37 065,719	525 812,588	14,186	13,716	64	77	66 086	749,349	5 202,499	6,943	6,473
15	28	98 708	34 545,641	488 746,869	14,148	13,678	65	78	63 348	669,748	4 453,150	6,649	6,179
16	29	98 666	32 196,509	454 201,228	14,107	13,637	66	79	60 394	595,345	3 783,402	6,355	5,885
17	30	98 612	30 003,648	422 004,719	14,065	13,595	67	80	57 238	526,098	3 188,057	6,060	5,590
18	31	98 550	27 958,037	392 001,071	14,021	13,551	68	81	53 867	461,643	2 661,958	5,766	5,296
19	32	98 473	26 047,679	364 043,034	13,976	13,506	69	82	50 321	402,102	2 200,316	5,472	5,002
20	33	98 390	24 266,407	337 995,355	13,929	13,459	70	83	46 550	346,826	1 798,214	5,185	4,715
21	34	98 301	22 605,582	313 728,948	13,878	13,408	71	84	42 638	296,200	1 451,388	4,900	4,430
22	35	98 206	21 057,127	291 123,367	13,825	13,356	72	85	38 568	249,819	1 155,187	4,624	4,154
23	36	98 115	19 615,446	270 066,240	13,768	13,298	73	86	34 418	207,863	905,368	4,356	3,886
24	37	98 017	18 271,212	250 450,794	13,707	13,238	74	87	30 244	170,310	697,505	4,095	3,626
25	38	97 910	17 017,476	232 179,582	13,644	13,174	75	88	26 056	136,805	527,195	3,854	3,384
26	39	97 802	15 849,564	215 162,106	13,575	13,105	76	89	22 013	107,767	390,389	3,623	3,153
27	40	97 680	14 759,791	199 312,542	13,504	13,034	77	90	18 111	82,672	282,622	3,419	2,949
28	41	97 550	13 743,619	184 552,751	13,428	12,958	78	91	14 592	62,106	199,950	3,219	2,750
29	42	97 413	12 796,598	170 809,131	13,348	12,878	79	92	11 366	45,103	137,844	3,056	2,586
30	43	97 262	11 913,101	158 012,533	13,264	12,794	80	93	8 673	32,090	92,741	2,890	2,420
31	44	97 100	11 089,312	146 099,432	13,175	12,705	81	94	6 428	22,176	60,651	2,735	2,265
32	45	96 922	10 320,700	135 010,120	13,081	12,612	82	95	4 613	14,840	38,474	2,593	2,123
33	46	96 728	9 603,752	124 689,419	12,983	12,514	83	96	3 203	9,607	23,634	2,460	1,990
34	47	96 518	8 935,104	115 085,668	12,880	12,410	84	97	2 148	6,008	14,027	2,335	1,865
35	48	96 284	8 310,879	106 150,564	12,772	12,303	85	98	1 386	3,613	8,019	2,220	1,750
36	49	96 033	7 728,870	97 839,685	12,659	12,189	86	99	858	2,086	4,406	2,112	1,642
37	50	95 751	7 185,243	90 110,814	12,541	12,071	87	100	509	1,153	2,320	2,012	1,542
38	51	95 449	6 678,425	82 925,572	12,417	11,947							
39	52	95 111	6 204,906	76 247,146	12,288	11,818							
40	53	94 741	5 762,953	70 042,241	12,154	11,684							
41	54	94 335	5 350,355	64 279,287	12,014	11,544							
42	55	93 905	4 965,946	58 928,932	11,867	11,397							
43	56	93 429	4 606,790	53 962,986	11,714	11,244							
44	57	92 911	4 271,542	49 356,196	11,555	11,085							
45	58	92 355	3 958,980	45 084,654	11,388	10,918							
46	59	91 744	3 666,930	41 125,673	11,215	10,745							
47	60	91 085	3 394,487	37 458,744	11,035	10,565							
48	61	90 333	3 138,878	34 064,257	10,852	10,382							
49	62	89 525	2 900,541	30 925,379	10,662	10,192							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß   7,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	14	99 547	99 547,108	1 439 951,703	14,465	13,995	50	64	88 045	2 659,735	27 452,304	10,321	9,852
1	15	99 151	92 448,792	1 340 404,595	14,499	14,029	51	65	87 048	2 451,864	24 792,569	10,112	9,642
2	16	99 106	86 160,295	1 247 955,803	14,484	14,014	52	66	85 960	2 257,535	22 340,705	9,896	9,426
3	17	99 072	80 308,417	1 161 795,508	14,467	13,997	53	67	84 798	2 076,474	20 083,170	9,672	9,202
4	18	99 043	74 857,216	1 081 487,091	14,447	13,977	54	68	83 559	1 907,836	18 006,696	9,438	8,968
5	19	99 007	69 771,729	1 006 629,874	14,427	13,958	55	69	82 236	1 750,685	16 098,860	9,196	8,726
6	20	98 976	65 034,762	936 858,145	14,405	13,936	56	70	80 812	1 604,075	14 348,174	8,945	8,475
7	21	98 943	60 618,606	871 823,384	14,382	13,912	57	71	79 292	1 467,509	12 744,099	8,684	8,214
8	22	98 915	56 504,360	811 204,778	14,356	13,887	58	72	77 641	1 339,820	11 276,590	8,416	7,947
9	23	98 884	52 668,511	754 700,418	14,329	13,859	59	73	75 844	1 220,336	9 936,770	8,143	7,673
10	24	98 854	49 093,088	702 031,907	14,300	13,830	60	74	73 899	1 108,658	8 716,433	7,862	7,392
11	25	98 825	45 761,098	652 938,819	14,268	13,799	61	75	71 770	1 003,937	7 607,775	7,578	7,108
12	26	98 795	42 654,644	607 177,721	14,235	13,765	62	76	69 446	905,758	6 603,838	7,291	6,821
13	27	98 760	39 757,392	564 523,077	14,199	13,729	63	77	66 933	813,968	5 698,080	7,000	6,530
14	28	98 723	37 055,761	524 765,684	14,162	13,692	64	78	64 254	728,574	4 884,112	6,704	6,234
15	29	98 683	34 536,905	487 709,923	14,121	13,652	65	79	61 317	648,270	4 155,538	6,410	5,940
16	30	98 637	32 187,272	453 173,018	14,079	13,609	66	80	58 201	573,731	3 507,268	6,113	5,643
17	31	98 584	29 995,156	420 985,746	14,035	13,565	67	81	54 848	504,126	2 933,537	5,819	5,349
18	32	98 521	27 949,593	390 990,590	13,989	13,519	68	82	51 303	439,673	2 429,411	5,525	5,056
19	33	98 438	26 038,446	363 040,997	13,942	13,473	69	83	47 546	379,928	1 989,738	5,237	4,767
20	34	98 354	24 257,534	337 002,552	13,893	13,423	70	84	43 631	325,076	1 609,810	4,952	4,482
21	35	98 259	22 595,979	312 745,018	13,841	13,371	71	85	39 554	274,780	1 284,734	4,675	4,206
22	36	98 167	21 048,751	290 149,038	13,785	13,315	72	86	35 377	229,145	1 009,954	4,407	3,938
23	37	98 069	19 606,125	269 100,287	13,725	13,255	73	87	31 175	188,278	780,808	4,147	3,677
24	38	97 965	18 261,461	249 494,162	13,662	13,192	74	88	26 969	151,867	592,531	3,902	3,432
25	39	97 856	17 008,002	231 232,701	13,596	13,126	75	89	22 869	120,076	440,663	3,670	3,200
26	40	97 737	15 839,079	214 224,700	13,525	13,055	76	90	18 898	92,516	320,588	3,465	2,995
27	41	97 611	14 749,367	198 385,621	13,450	12,981	77	91	15 308	69,875	228,071	3,264	2,794
28	42	97 471	13 732,604	183 636,253	13,372	12,902	78	92	11 999	51,071	158,196	3,098	2,628
29	43	97 326	12 785,208	169 903,649	13,289	12,819	79	93	9 215	36,568	107,125	2,929	2,460
30	44	97 163	11 900,903	157 118,441	13,202	12,732	80	94	6 875	25,439	70,557	2,774	2,304
31	45	96 991	11 076,857	145 217,539	13,110	12,640	81	95	4 976	17,167	45,118	2,628	2,158
32	46	96 799	10 307,601	134 140,681	13,014	12,544	82	96	3 483	11,204	27,951	2,495	2,025
33	47	96 592	9 590,219	123 833,080	12,912	12,443	83	97	2 355	7,064	16,747	2,371	1,901
34	48	96 360	8 920,494	114 242,861	12,807	12,337	84	98	1 536	4,297	9,683	2,253	1,784
35	49	96 113	8 296,182	105 322,368	12,695	12,225	85	99	963	2,510	5,386	2,146	1,676
36	50	95 835	7 712,967	97 026,186	12,580	12,110	86	100	578	1,406	2,876	2,045	1,575
37	51	95 540	7 169,414	89 313,219	12,458	11,988							
38	52	95 215	6 662,084	82 143,805	12,330	11,860							
39	53	94 850	6 187,871	75 481,720	12,198	11,728							
40	54	94 456	5 745,627	69 293,849	12,060	11,590							
41	55	94 034	5 333,281	63 548,223	11,915	11,446							
42	56	93 572	4 948,351	58 214,941	11,765	11,295							
43	57	93 077	4 589,413	53 266,591	11,606	11,137							
44	58	92 539	4 254,471	48 677,178	11,441	10,972							
45	59	91 948	3 941,512	44 422,707	11,270	10,801							
46	60	91 311	3 649,614	40 481,195	11,092	10,622							
47	61	90 594	3 376,192	36 831,581	10,909	10,439							
48	62	89 814	3 120,840	33 455,389	10,720	10,250							
49	63	88 961	2 882,245	30 334,549	10,525	10,055							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß   7,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	15	99 536	99 536,318	1 438 654,365	14,454	13,984	50	65	87 398	2 640,187	26 845,723	10,168	9,698
1	16	99 139	92 437,163	1 339 118,047	14,487	14,017	51	66	86 368	2 432,715	24 205,536	9,950	9,480
2	17	99 091	86 147,037	1 246 680,884	14,472	14,002	52	67	85 224	2 238,223	21 772,821	9,728	9,258
3	18	99 057	80 295,530	1 160 533,846	14,453	13,983	53	68	84 023	2 057,511	19 534,597	9,494	9,024
4	19	99 020	74 840,118	1 080 238,316	14,434	13,964	54	69	82 748	1 889,310	17 477,086	9,251	8,781
5	20	98 987	69 757,318	1 005 398,198	14,413	13,943	55	70	81 362	1 732,090	15 587,776	8,999	8,530
6	21	98 954	65 020,325	935 640,880	14,390	13,920	56	71	79 874	1 585,460	13 855,686	8,739	8,269
7	22	98 923	60 605,919	870 620,555	14,365	13,895	57	72	78 271	1 448,612	12 270,226	8,470	8,000
8	23	98 892	56 491,684	810 014,636	14,339	13,869	58	73	76 517	1 320,423	10 821,614	8,196	7,726
9	24	98 862	52 656,472	753 522,952	14,310	13,840	59	74	74 611	1 200,492	9 501,191	7,914	7,445
10	25	98 834	49 083,164	700 866,480	14,279	13,809	60	75	72 523	1 088,029	8 300,699	7,629	7,159
11	26	98 803	45 751,032	651 783,316	14,246	13,776	61	76	70 230	982,394	7 212,670	7,342	6,872
12	27	98 771	42 644,549	606 032,284	14,211	13,741	62	77	67 745	883,574	6 230,276	7,051	6,581
13	28	98 734	39 746,712	563 387,735	14,174	13,705	63	78	65 077	791,402	5 346,702	6,756	6,286
14	29	98 698	37 046,391	523 641,023	14,135	13,665	64	79	62 194	705,210	4 555,300	6,459	5,990
15	30	98 655	34 526,996	486 594,632	14,093	13,623	65	80	59 091	624,734	3 850,090	6,163	5,693
16	31	98 609	32 178,162	452 067,637	14,049	13,579	66	81	55 770	549,769	3 225,356	5,867	5,397
17	32	98 554	29 986,097	419 889,475	14,003	13,533	67	82	52 237	480,134	2 675,587	5,573	5,103
18	33	98 486	27 939,685	389 903,378	13,955	13,485	68	83	48 474	415,428	2 195,453	5,285	4,815
19	34	98 402	26 028,925	361 963,693	13,906	13,436	69	84	44 564	356,102	1 780,025	4,999	4,529
20	35	98 312	24 247,230	335 934,768	13,855	13,385	70	85	40 476	301,568	1 423,923	4,722	4,252
21	36	98 220	22 586,992	311 687,538	13,799	13,330	71	86	36 281	252,041	1 122,355	4,453	3,983
22	37	98 121	21 038,748	289 100,546	13,741	13,271	72	87	32 043	207,554	870,314	4,193	3,723
23	38	98 016	19 595,661	268 061,797	13,680	13,210	73	88	27 799	167,889	662,760	3,948	3,478
24	39	97 910	18 251,295	248 466,136	13,614	13,144	74	89	23 671	133,296	494,871	3,713	3,243
25	40	97 791	16 996,750	230 214,842	13,545	13,075	75	90	19 633	103,083	361,575	3,508	3,038
26	41	97 668	15 827,893	213 218,091	13,471	13,001	76	91	15 973	78,195	258,492	3,306	2,836
27	42	97 533	14 737,546	197 390,198	13,394	12,924	77	92	12 588	57,459	180,297	3,138	2,668
28	43	97 385	13 720,381	182 652,653	13,313	12,843	78	93	9 729	41,407	122,837	2,967	2,497
29	44	97 226	12 772,117	168 932,272	13,227	12,757	79	94	7 305	28,990	81,431	2,809	2,339
30	45	97 053	11 887,536	156 160,155	13,136	12,667	80	95	5 322	19,693	52,441	2,663	2,193
31	46	96 868	11 062,798	144 272,619	13,041	12,571	81	96	3 757	12,960	32,748	2,527	2,057
32	47	96 663	10 293,076	133 209,821	12,942	12,472	82	97	2 561	8,238	19,788	2,402	1,932
33	48	96 434	9 574,538	122 916,744	12,838	12,368	83	98	1 685	5,053	11,550	2,286	1,816
34	49	96 190	8 904,718	113 342,206	12,728	12,258	84	99	1 068	2,985	6,497	2,176	1,706
35	50	95 916	8 279,111	104 437,488	12,615	12,145	85	100	649	1,692	3,512	2,075	1,605
36	51	95 624	7 695,975	96 158,377	12,495	12,025							
37	52	95 306	7 151,872	88 462,401	12,369	11,899							
38	53	94 954	6 643,794	81 310,530	12,239	11,769							
39	54	94 565	6 169,267	74 666,735	12,103	11,633							
40	55	94 155	5 727,291	68 497,468	11,960	11,490							
41	56	93 701	5 314,384	62 770,177	11,811	11,341							
42	57	93 219	4 929,685	57 455,792	11,655	11,185							
43	58	92 705	4 571,071	52 526,108	11,491	11,021							
44	59	92 131	4 235,698	47 955,037	11,322	10,852							
45	60	91 514	3 922,900	43 719,339	11,145	10,675							
46	61	90 819	3 629,945	39 796,438	10,963	10,493							
47	62	90 074	3 356,790	36 166,493	10,774	10,304							
48	63	89 247	3 101,154	32 809,703	10,580	10,110							
49	64	88 361	2 862,825	29 708,548	10,377	9,907							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß   7,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	16	99 524	99 523,797	1 437 261,881	14,441	13,971	50	66	86 715	2 619,568	26 204,246	10,003	9,533
1	17	99 124	92 422,940	1 337 738,084	14,474	14,004	51	67	85 629	2 411,905	23 584,679	9,778	9,309
2	18	99 075	86 133,213	1 245 315,144	14,458	13,988	52	68	84 446	2 217,783	21 172,774	9,547	9,077
3	19	99 034	80 277,190	1 159 181,931	14,440	13,970	53	69	83 207	2 037,532	18 954,990	9,303	8,833
4	20	99 000	74 824,660	1 078 904,741	14,419	13,949	54	70	81 869	1 869,243	16 917,459	9,050	8,581
5	21	98 965	69 741,833	1 004 080,081	14,397	13,927	55	71	80 418	1 711,990	15 048,216	8,790	8,320
6	22	98 933	65 006,717	934 338,248	14,373	13,903	56	72	78 845	1 565,044	13 336,226	8,521	8,051
7	23	98 901	60 592,323	869 331,531	14,347	13,877	57	73	77 137	1 427,639	11 771,182	8,245	7,775
8	24	98 870	56 478,771	808 739,208	14,319	13,849	58	74	75 272	1 298,951	10 343,543	7,963	7,493
9	25	98 842	52 645,828	752 260,437	14,289	13,819	59	75	73 222	1 178,154	9 044,592	7,677	7,207
10	26	98 812	49 072,367	699 614,609	14,257	13,787	60	76	70 967	1 064,682	7 866,438	7,389	6,919
11	27	98 780	45 740,204	650 542,241	14,223	13,753	61	77	68 510	958,333	6 801,756	7,097	6,628
12	28	98 745	42 633,093	604 802,037	14,186	13,716	62	78	65 867	859,078	5 843,423	6,802	6,332
13	29	98 709	39 736,661	562 168,945	14,147	13,677	63	79	62 990	766,023	4 984,346	6,507	6,037
14	30	98 670	37 035,762	522 432,284	14,106	13,636	64	80	59 936	679,607	4 218,322	6,207	5,737
15	31	98 627	34 517,223	485 396,522	14,062	13,593	65	81	56 623	598,642	3 538,716	5,911	5,441
16	32	98 580	32 168,443	450 879,299	14,016	13,546	66	82	53 116	523,605	2 940,074	5,615	5,145
17	33	98 519	29 975,468	418 710,856	13,968	13,499	67	83	49 357	453,657	2 416,469	5,327	4,857
18	34	98 450	27 929,470	388 735,388	13,918	13,449	68	84	45 434	389,375	1 962,812	5,041	4,571
19	35	98 360	26 017,869	360 805,919	13,868	13,398	69	85	41 342	330,350	1 573,436	4,763	4,293
20	36	98 273	24 237,586	334 788,050	13,813	13,343	70	86	37 126	276,612	1 243,086	4,494	4,024
21	37	98 174	22 576,258	310 550,464	13,756	13,286	71	87	32 863	228,293	966,474	4,233	3,764
22	38	98 068	21 027,520	287 974,206	13,695	13,225	72	88	28 573	185,078	738,181	3,988	3,519
23	39	97 962	19 584,752	266 946,686	13,630	13,160	73	89	24 399	147,358	553,103	3,753	3,284
24	40	97 846	18 239,220	247 361,934	13,562	13,092	74	90	20 321	114,432	405,744	3,546	3,076
25	41	97 722	16 984,747	229 122,713	13,490	13,020	75	91	16 594	87,126	291,312	3,344	2,874
26	42	97 590	15 815,207	212 137,967	13,414	12,944	76	92	13 134	64,301	204,186	3,175	2,706
27	43	97 446	14 724,428	196 322,760	13,333	12,863	77	93	10 206	46,586	139,885	3,003	2,533
28	44	97 285	13 706,332	181 598,332	13,249	12,779	78	94	7 713	32,825	93,299	2,842	2,372
29	45	97 117	12 757,772	167 892,000	13,160	12,690	79	95	5 655	22,441	60,473	2,695	2,225
30	46	96 930	11 872,448	155 134,228	13,067	12,597	80	96	4 018	14,867	38,032	2,558	2,088
31	47	96 732	11 047,209	143 261,780	12,968	12,498	81	97	2 762	9,530	23,165	2,431	1,961
32	48	96 505	10 276,246	132 214,570	12,866	12,396	82	98	1 832	5,892	13,636	2,314	1,844
33	49	96 263	9 557,606	121 938,324	12,758	12,288	83	99	1 170	3,511	7,743	2,206	1,736
34	50	95 992	8 886,396	112 380,718	12,646	12,176	84	100	720	2,013	4,233	2,103	1,633
35	51	95 704	8 260,873	103 494,323	12,528	12,058							
36	52	95 390	7 677,145	95 233,450	12,405	11,935							
37	53	95 044	7 132,237	87 556,305	12,276	11,806							
38	54	94 669	6 623,820	80 424,068	12,142	11,672							
39	55	94 263	6 149,580	73 800,249	12,001	11,531							
40	56	93 821	5 706,998	67 650,669	11,854	11,384							
41	57	93 347	5 294,337	61 943,671	11,700	11,230							
42	58	92 847	4 909,983	56 649,333	11,538	11,068							
43	59	92 296	4 550,902	51 739,350	11,369	10,899							
44	60	91 696	4 215,697	47 188,449	11,194	10,724							
45	61	91 020	3 901,758	42 972,751	11,014	10,544							
46	62	90 297	3 609,085	39 070,993	10,826	10,356							
47	63	89 505	3 335,617	35 461,908	10,631	10,161							
48	64	88 646	3 080,259	32 126,291	10,430	9,960							
49	65	87 712	2 841,785	29 046,032	10,221	9,751							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß   7,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	17	99 508	99 508,483	1 435 769,163	14,429	13,959	50	67	85 973	2 597,159	25 526,519	9,829	9,359
1	18	99 108	92 408,108	1 336 260,680	14,460	13,991	51	68	84 847	2 389,879	22 929,360	9,594	9,124
2	19	99 053	86 113,539	1 243 852,572	14,444	13,974	52	69	83 626	2 196,247	20 539,481	9,352	8,882
3	20	99 013	80 260,609	1 157 739,032	14,425	13,955	53	70	82 323	2 015,890	18 343,234	9,099	8,629
4	21	98 978	74 808,050	1 077 478,423	14,403	13,933	54	71	80 919	1 847,551	16 327,344	8,837	8,367
5	22	98 944	69 727,237	1 002 670,373	14,380	13,910	55	72	79 382	1 689,944	14 479,794	8,568	8,098
6	23	98 911	64 992,134	932 943,136	14,355	13,885	56	73	77 704	1 542,386	12 789,850	8,292	7,822
7	24	98 878	60 578,473	867 951,003	14,328	13,858	57	74	75 883	1 404,424	11 247,464	8,009	7,539
8	25	98 850	56 467,355	807 372,529	14,298	13,828	58	75	73 872	1 274,781	9 843,040	7,721	7,251
9	26	98 820	52 634,247	750 905,175	14,266	13,797	59	76	71 651	1 152,873	8 568,259	7,432	6,962
10	27	98 789	49 060,753	698 270,927	14,233	13,763	60	77	69 229	1 038,605	7 415,386	7,140	6,670
11	28	98 753	45 727,916	649 210,174	14,197	13,727	61	78	66 610	931,764	6 376,781	6,844	6,374
12	29	98 720	42 622,312	603 482,258	14,159	13,689	62	79	63 754	831,529	5 445,017	6,548	6,078
13	30	98 681	39 725,260	560 859,946	14,118	13,649	63	80	60 703	738,212	4 613,488	6,250	5,780
14	31	98 642	37 025,279	521 134,686	14,075	13,605	64	81	57 432	651,223	3 875,276	5,951	5,481
15	32	98 597	34 506,798	484 109,407	14,029	13,559	65	82	53 928	570,152	3 224,053	5,655	5,185
16	33	98 545	32 157,040	449 602,609	13,981	13,512	66	83	50 187	494,731	2 653,901	5,364	4,894
17	34	98 483	29 964,508	417 445,569	13,931	13,461	67	84	46 262	425,208	2 159,170	5,078	4,608
18	35	98 408	27 917,606	387 481,061	13,879	13,410	68	85	42 149	361,217	1 733,962	4,800	4,330
19	36	98 321	26 007,520	359 563,455	13,825	13,355	69	86	37 920	303,012	1 372,745	4,530	4,060
20	37	98 227	24 226,068	333 555,935	13,768	13,299	70	87	33 628	250,549	1 069,732	4,270	3,800
21	38	98 121	22 564,209	309 329,868	13,709	13,239	71	88	29 304	203,571	819,184	4,024	3,554
22	39	98 014	21 015,814	286 765,658	13,645	13,175	72	89	25 079	162,445	615,613	3,790	3,320
23	40	97 897	19 571,796	265 749,844	13,578	13,108	73	90	20 946	126,505	453,167	3,582	3,112
24	41	97 777	18 226,339	246 178,048	13,507	13,037	74	91	17 176	96,719	326,663	3,377	2,908
25	42	97 644	16 971,133	227 951,709	13,432	12,962	75	92	13 645	71,645	229,944	3,209	2,740
26	43	97 503	15 801,130	210 980,576	13,352	12,882	76	93	10 649	52,134	158,299	3,036	2,567
27	44	97 347	14 709,351	195 179,445	13,269	12,799	77	94	8 091	36,931	106,165	2,875	2,405
28	45	97 176	13 690,937	180 470,094	13,182	12,712	78	95	5 970	25,410	69,234	2,725	2,255
29	46	96 994	12 741,579	166 779,157	13,089	12,619	79	96	4 269	16,942	43,824	2,587	2,117
30	47	96 794	11 855,718	154 037,578	12,993	12,523	80	97	2 954	10,932	26,882	2,459	1,989
31	48	96 574	11 029,146	142 181,859	12,891	12,422	81	98	1 976	6,816	15,950	2,340	1,870
32	49	96 334	10 258,073	131 152,713	12,785	12,315	82	99	1 273	4,094	9,134	2,231	1,761
33	50	96 065	9 537,940	120 894,640	12,675	12,205	83	100	789	2,366	5,040	2,130	1,660
34	51	95 780	8 866,819	111 356,700	12,559	12,089							
35	52	95 470	8 240,660	102 489,881	12,437	11,967							
36	53	95 128	7 656,068	94 249,221	12,310	11,840							
37	54	94 759	7 110,794	86 593,153	12,178	11,708							
38	55	94 366	6 602,682	79 482,359	12,038	11,568							
39	56	93 929	6 127,791	72 879,678	11,893	11,423							
40	57	93 467	5 685,471	66 751,887	11,741	11,271							
41	58	92 974	5 273,178	61 066,417	11,581	11,111							
42	59	92 437	4 888,318	55 793,238	11,414	10,944							
43	60	91 860	4 529,412	50 904,920	11,239	10,769							
44	61	91 202	4 192,978	46 375,508	11,060	10,590							
45	62	90 497	3 879,336	42 182,530	10,874	10,404							
46	63	89 727	3 586,320	38 303,194	10,680	10,210							
47	64	88 902	3 313,142	34 716,874	10,479	10,009							
48	65	87 994	3 057,621	31 403,732	10,271	9,801							
49	66	87 027	2 819,591	28 346,111	10,053	9,583							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß   7,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$
0	18	99 493	99 492,515	1 434 171,916	14,415	13,945	50	68	85 188	2 573,441	24 811,879	9,642	9,172
1	19	99 085	92 387,001	1 334 679,401	14,447	13,977	51	69	84 023	2 366,672	22 238,438	9,397	8,927
2	20	99 032	86 095,754	1 242 292,400	14,429	13,959	52	70	82 738	2 172,920	19 871,766	9,145	8,675
3	21	98 992	80 242,792	1 156 196,646	14,409	13,939	53	71	81 368	1 992,496	17 698,847	8,883	8,413
4	22	98 957	74 792,393	1 075 953,854	14,386	13,916	54	72	79 877	1 823,759	15 706,351	8,612	8,142
5	23	98 922	69 711,595	1 001 161,461	14,361	13,892	55	73	78 233	1 665,478	13 882,591	8,336	7,866
6	24	98 888	64 977,278	931 449,866	14,335	13,865	56	74	76 440	1 517,305	12 217,114	8,052	7,582
7	25	98 858	60 566,228	866 472,588	14,306	13,836	57	75	74 471	1 378,291	10 699,809	7,763	7,293
8	26	98 828	56 454,933	805 906,360	14,275	13,805	58	76	72 287	1 247,427	9 321,518	7,473	7,003
9	27	98 796	52 621,791	749 451,427	14,242	13,772	59	77	69 896	1 124,636	8 074,091	7,179	6,709
10	28	98 762	49 047,573	696 829,637	14,207	13,737	60	78	67 310	1 009,811	6 949,455	6,882	6,412
11	29	98 728	45 716,353	647 782,063	14,170	13,700	61	79	64 474	901,884	5 939,644	6,586	6,116
12	30	98 692	42 610,083	602 065,711	14,130	13,660	62	80	61 440	801,339	5 037,760	6,287	5,817
13	31	98 653	39 714,016	559 455,628	14,087	13,617	63	81	58 168	707,380	4 236,421	5,989	5,519
14	32	98 612	37 014,097	519 741,612	14,042	13,572	64	82	54 699	620,231	3 529,041	5,690	5,220
15	33	98 562	34 494,567	482 727,515	13,994	13,524	65	83	50 954	538,711	2 908,810	5,400	4,930
16	34	98 509	32 145,282	448 232,948	13,944	13,474	66	84	47 040	463,706	2 370,098	5,111	4,641
17	35	98 441	29 951,779	416 087,666	13,892	13,422	67	85	42 916	394,459	1 906,393	4,833	4,363
18	36	98 369	27 906,501	386 135,887	13,837	13,367	68	86	38 661	331,325	1 511,934	4,563	4,093
19	37	98 275	25 995,161	358 229,385	13,781	13,311	69	87	34 348	274,462	1 180,609	4,302	3,832
20	38	98 174	24 213,138	332 234,224	13,721	13,251	70	88	29 987	223,417	906,147	4,056	3,586
21	39	98 067	22 551,648	308 021,086	13,658	13,189	71	89	25 720	178,677	682,731	3,821	3,351
22	40	97 949	21 001,911	285 469,438	13,593	13,123	72	90	21 530	139,457	504,054	3,614	3,145
23	41	97 828	19 557,974	264 467,527	13,522	13,052	73	91	17 704	106,922	364,597	3,410	2,940
24	42	97 698	18 211,731	244 909,554	13,448	12,978	74	92	14 124	79,533	257,675	3,240	2,770
25	43	97 557	16 956,028	226 697,822	13,370	12,900	75	93	11 063	58,088	178,142	3,067	2,597
26	44	97 403	15 784,951	209 741,795	13,287	12,818	76	94	8 442	41,329	120,054	2,905	2,435
27	45	97 237	14 692,830	193 956,844	13,201	12,731	77	95	6 263	28,589	78,725	2,754	2,284
28	46	97 052	13 673,560	179 264,014	13,110	12,640	78	96	4 507	19,184	50,136	2,614	2,144
29	47	96 857	12 723,625	165 590,453	13,014	12,545	79	97	3 139	12,457	30,953	2,485	2,015
30	48	96 635	11 836,333	152 866,828	12,915	12,445	80	98	2 113	7,819	18,495	2,366	1,896
31	49	96 403	11 009,642	141 030,495	12,810	12,340	81	99	1 373	4,736	10,677	2,255	1,785
32	50	96 136	10 236,966	130 020,854	12,701	12,231	82	100	858	2,760	5,941	2,153	1,683
33	51	95 853	9 516,928	119 783,888	12,586	12,117							
34	52	95 546	8 845,124	110 266,960	12,466	11,997							
35	53	95 208	8 218,036	101 421,837	12,341	11,871							
36	54	94 842	7 633,050	93 203,800	12,211	11,741							
37	55	94 456	7 088,102	85 570,750	12,072	11,603							
38	56	94 032	6 579,287	78 482,649	11,929	11,459							
39	57	93 574	6 104,675	71 903,361	11,778	11,309							
40	58	93 093	5 662,748	65 798,686	11,620	11,150							
41	59	92 564	5 249,911	60 135,938	11,455	10,985							
42	60	92 001	4 865,236	54 886,027	11,281	10,811							
43	61	91 365	4 505,002	50 020,791	11,103	10,633							
44	62	90 678	4 168,882	45 515,789	10,918	10,448							
45	63	89 927	3 854,867	41 346,908	10,726	10,256							
46	64	89 123	3 562,156	37 492,041	10,525	10,055							
47	65	88 249	3 288,792	33 929,885	10,317	9,847							
48	66	87 307	3 033,742	30 641,093	10,100	9,630							
49	67	86 283	2 795,472	27 607,351	9,876	9,406							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß   7,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	19	99 470	99 469,790	1 432 463,231	14,401	13,931	50	69	84 361	2 548,451	24 059,118	9,441	8,971
1	20	99 065	92 367,920	1 332 993,441	14,431	13,961	51	70	83 131	2 341,534	21 510,666	9,187	8,717
2	21	99 010	86 076,641	1 240 625,521	14,413	13,943	52	71	81 778	2 147,704	19 169,132	8,925	8,456
3	22	98 971	80 225,998	1 154 548,880	14,391	13,921	53	72	80 320	1 966,838	17 021,429	8,654	8,184
4	23	98 935	74 775,615	1 074 322,882	14,367	13,897	54	73	78 721	1 797,355	15 054,590	8,376	7,906
5	24	98 899	69 695,660	999 547,266	14,342	13,872	55	74	76 961	1 638,395	13 257,235	8,092	7,622
6	25	98 868	64 964,143	929 851,606	14,313	13,843	56	75	75 018	1 489,071	11 618,840	7,803	7,333
7	26	98 836	60 552,905	864 887,463	14,283	13,813	57	76	72 873	1 348,716	10 129,769	7,511	7,041
8	27	98 805	56 441,572	804 334,558	14,251	13,781	58	77	70 516	1 216,874	8 781,053	7,216	6,746
9	28	98 770	52 607,654	747 892,987	14,216	13,747	59	78	67 958	1 093,457	7 564,179	6,918	6,448
10	29	98 737	49 035,171	695 285,333	14,179	13,709	60	79	65 151	977,428	6 470,722	6,620	6,150
11	30	98 700	45 703,236	646 250,162	14,140	13,670	61	80	62 133	869,140	5 493,294	6,320	5,850
12	31	98 664	42 598,023	600 546,926	14,098	13,628	62	81	58 874	767,871	4 624,153	6,022	5,552
13	32	98 623	39 702,022	557 948,903	14,053	13,584	63	82	55 400	673,716	3 856,283	5,724	5,254
14	33	98 577	37 000,976	518 246,882	14,006	13,536	64	83	51 683	586,029	3 182,567	5,431	4,961
15	34	98 526	34 481,954	481 245,906	13,956	13,487	65	84	47 759	504,928	2 596,538	5,142	4,672
16	35	98 467	32 131,628	446 763,952	13,904	13,434	66	85	43 638	430,172	2 091,610	4,862	4,392
17	36	98 402	29 939,866	414 632,324	13,849	13,379	67	86	39 365	361,815	1 661,438	4,592	4,122
18	37	98 322	27 893,240	384 692,458	13,792	13,322	68	87	35 018	300,107	1 299,622	4,331	3,861
19	38	98 222	25 981,288	356 799,218	13,733	13,263	69	88	30 628	244,740	999,516	4,084	3,614
20	39	98 119	24 199,659	330 817,930	13,670	13,200	70	89	26 320	196,096	754,776	3,849	3,379
21	40	98 002	22 536,729	306 618,272	13,605	13,135	71	90	22 080	153,391	558,680	3,642	3,172
22	41	97 880	20 987,079	284 081,543	13,536	13,066	72	91	18 197	117,869	405,289	3,438	2,969
23	42	97 749	19 542,298	263 094,464	13,463	12,993	73	92	14 558	87,924	287,420	3,269	2,799
24	43	97 611	18 195,521	243 552,166	13,385	12,915	74	93	11 451	64,483	199,496	3,094	2,624
25	44	97 457	16 938,666	225 356,645	13,304	12,834	75	94	8 770	46,049	135,013	2,932	2,462
26	45	97 294	15 767,222	208 417,979	13,218	12,749	76	95	6 535	31,993	88,964	2,781	2,311
27	46	97 114	14 674,182	192 650,757	13,129	12,659	77	96	4 728	21,583	56,971	2,640	2,170
28	47	96 916	13 654,293	177 976,576	13,034	12,565	78	97	3 314	14,106	35,388	2,509	2,039
29	48	96 699	12 702,820	164 322,283	12,936	12,466	79	98	2 245	8,910	21,282	2,389	1,919
30	49	96 464	11 815,401	151 619,462	12,832	12,362	80	99	1 468	5,432	12,372	2,277	1,808
31	50	96 204	10 986,988	139 804,061	12,725	12,255	81	100	925	3,192	6,940	2,174	1,704
32	51	95 924	10 214,414	128 817,074	12,611	12,141							
33	52	95 619	9 493,642	118 602,660	12,493	12,023							
34	53	95 284	8 820,840	109 109,018	12,369	11,900							
35	54	94 922	8 193,328	100 288,178	12,240	11,770							
36	55	94 539	7 608,691	92 094,849	12,104	11,634							
37	56	94 121	7 062,987	84 486,158	11,962	11,492							
38	57	93 677	6 554,469	77 423,171	11,812	11,342							
39	58	93 200	6 080,278	70 868,702	11,656	11,186							
40	59	92 683	5 637,762	64 788,424	11,492	11,022							
41	60	92 127	5 225,121	59 150,662	11,320	10,851							
42	61	91 505	4 839,015	53 925,541	11,144	10,674							
43	62	90 840	4 479,113	49 086,526	10,959	10,489							
44	63	90 106	4 142,586	44 607,413	10,768	10,298							
45	64	89 321	3 828,893	40 464,827	10,568	10,098							
46	65	88 468	3 535,976	36 635,934	10,361	9,891							
47	66	87 560	3 263,107	33 099,958	10,144	9,674							
48	67	86 560	3 007,790	29 836,850	9,920	9,450							
49	68	85 495	2 769,943	26 829,060	9,686	9,216							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß   7,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$
0	20	99 449	99 449,245	1 430 642,286	14,386	13,916	50	70	83 465	2 521,383	23 266,912	9,228	8,758
1	21	99 043	92 347,415	1 331 193,041	14,415	13,945	51	71	82 166	2 314,361	20 745,529	8,964	8,494
2	22	98 989	86 058,626	1 238 845,626	14,395	13,925	52	72	80 724	2 120,047	18 431,168	8,694	8,224
3	23	98 949	80 208,001	1 152 786,999	14,372	13,903	53	73	79 157	1 938,363	16 311,120	8,415	7,945
4	24	98 912	74 758,523	1 072 578,998	14,347	13,877	54	74	77 440	1 768,128	14 372,757	8,129	7,659
5	25	98 879	69 681,572	997 820,475	14,320	13,850	55	75	75 529	1 607,908	12 604,629	7,839	7,369
6	26	98 847	64 949,853	928 138,903	14,290	13,820	56	76	73 408	1 457,119	10 996,721	7,547	7,077
7	27	98 813	60 538,574	863 189,051	14,258	13,789	57	77	71 088	1 315,682	9 539,602	7,251	6,781
8	28	98 778	56 426,409	802 650,477	14,225	13,755	58	78	68 561	1 183,138	8 223,920	6,951	6,481
9	29	98 745	52 594,351	746 224,068	14,188	13,718	59	79	65 779	1 058,392	7 040,782	6,652	6,182
10	30	98 709	49 021,101	693 629,717	14,150	13,680	60	80	62 786	941,942	5 982,390	6,351	5,881
11	31	98 672	45 690,300	644 608,616	14,108	13,638	61	81	59 538	832,840	5 040,449	6,052	5,582
12	32	98 634	42 585,157	598 918,315	14,064	13,594	62	82	56 072	731,328	4 207,608	5,753	5,283
13	33	98 588	39 687,948	556 333,158	14,018	13,548	63	83	52 345	636,564	3 476,281	5,461	4,991
14	34	98 541	36 987,447	516 645,210	13,968	13,498	64	84	48 442	549,278	2 839,717	5,170	4,700
15	35	98 484	34 467,307	479 657,763	13,916	13,446	65	85	44 305	468,414	2 290,439	4,890	4,420
16	36	98 428	32 118,847	445 190,456	13,861	13,391	66	86	40 027	394,574	1 822,025	4,618	4,148
17	37	98 355	29 925,638	413 071,608	13,803	13,333	67	87	35 656	327,724	1 427,452	4,356	3,886
18	38	98 269	27 878,354	383 145,970	13,743	13,274	68	88	31 226	267,608	1 099,727	4,109	3,640
19	39	98 167	25 966,823	355 267,616	13,682	13,212	69	89	26 883	214,811	832,120	3,874	3,404
20	40	98 055	24 183,649	329 300,793	13,617	13,147	70	90	22 595	168,345	617,309	3,667	3,197
21	41	97 933	22 520,813	305 117,144	13,548	13,078	71	91	18 663	129,647	448,964	3,463	2,993
22	42	97 801	20 970,258	282 596,331	13,476	13,006	72	92	14 964	96,926	319,317	3,294	2,825
23	43	97 662	19 524,904	261 626,073	13,400	12,930	73	93	11 803	71,286	222,391	3,120	2,650
24	44	97 511	18 176,890	242 101,170	13,319	12,849	74	94	9 078	51,119	151,105	2,956	2,486
25	45	97 347	16 919,641	223 924,280	13,235	12,765	75	95	6 789	35,647	99,986	2,805	2,335
26	46	97 170	15 747,210	207 004,639	13,145	12,676	76	96	4 934	24,153	64,339	2,664	2,194
27	47	96 977	14 653,504	191 257,429	13,052	12,582	77	97	3 477	15,870	40,186	2,532	2,062
28	48	96 757	13 631,967	176 603,925	12,955	12,485	78	98	2 370	10,089	24,316	2,410	1,940
29	49	96 528	12 680,356	162 971,958	12,852	12,382	79	99	1 560	6,191	14,227	2,298	1,828
30	50	96 266	11 791,089	150 291,602	12,746	12,276	80	100	990	3,662	8,036	2,195	1,725
31	51	95 992	10 962,783	138 500,513	12,634	12,164							
32	52	95 689	10 189,421	127 537,729	12,517	12,047							
33	53	95 356	9 467,578	117 348,308	12,395	11,925							
34	54	94 997	8 794,320	107 880,730	12,267	11,797							
35	55	94 619	8 167,182	99 086,410	12,132	11,662							
36	56	94 204	7 581,732	90 919,228	11,992	11,522							
37	57	93 766	7 036,344	83 337,496	11,844	11,374							
38	58	93 303	6 528,273	76 301,151	11,688	11,218							
39	59	92 789	6 053,449	69 772,878	11,526	11,056							
40	60	92 245	5 611,141	63 719,429	11,356	10,886							
41	61	91 630	5 196,961	58 108,288	11,181	10,711							
42	62	90 979	4 811,207	52 911,327	10,998	10,528							
43	63	90 267	4 450,860	48 100,120	10,807	10,337							
44	64	89 499	4 114,674	43 649,260	10,608	10,138							
45	65	88 664	3 800,753	39 534,586	10,402	9,932							
46	66	87 777	3 508,361	35 733,833	10,185	9,715							
47	67	86 811	3 235,194	32 225,472	9,961	9,491							
48	68	85 770	2 980,322	28 990,278	9,727	9,257							
49	69	84 664	2 743,045	26 009,956	9,482	9,012							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß   7,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	21	99 427	99 427,169	1 428 698,611	14,369	13,899	50	71	82 496	2 492,123	22 434,724	9,002	8,532
1	22	99 022	92 328,088	1 329 271,442	14,397	13,927	51	72	81 108	2 284,559	19 942,601	8,729	8,259
2	23	98 967	86 039,321	1 236 943,354	14,376	13,907	52	73	79 556	2 089,354	17 658,042	8,451	7,982
3	24	98 926	80 189,667	1 150 904,034	14,352	13,882	53	74	77 870	1 906,843	15 568,688	8,165	7,695
4	25	98 892	74 743,412	1 070 714,367	14,325	13,855	54	75	76 000	1 735,228	13 661,846	7,873	7,403
5	26	98 857	69 666,243	995 970,955	14,296	13,826	55	76	73 908	1 573,406	11 926,618	7,580	7,110
6	27	98 823	64 934,481	926 304,712	14,265	13,795	56	77	71 610	1 421,430	10 353,212	7,284	6,814
7	28	98 786	60 522,310	861 370,231	14,232	13,762	57	78	69 117	1 279,206	8 931,782	6,982	6,512
8	29	98 753	56 412,140	800 847,920	14,196	13,726	58	79	66 363	1 145,196	7 652,575	6,682	6,212
9	30	98 717	52 579,261	744 435,780	14,158	13,688	59	80	63 391	1 019,966	6 507,379	6,380	5,910
10	31	98 681	49 007,227	691 856,520	14,117	13,648	60	81	60 164	902,601	5 487,413	6,080	5,610
11	32	98 642	45 676,501	642 849,293	14,074	13,604	61	82	56 705	793,205	4 584,812	5,780	5,310
12	33	98 599	42 570,062	597 172,792	14,028	13,558	62	83	52 980	690,999	3 791,607	5,487	5,017
13	34	98 552	39 673,437	554 602,730	13,979	13,509	63	84	49 062	596,644	3 100,608	5,197	4,727
14	35	98 499	36 971,736	514 929,293	13,928	13,458	64	85	44 939	509,556	2 503,964	4,914	4,444
15	36	98 445	34 453,597	477 957,557	13,873	13,403	65	86	40 639	429,650	1 994,407	4,642	4,172
16	37	98 381	32 103,584	443 503,960	13,815	13,345	66	87	36 255	357,396	1 564,757	4,378	3,908
17	38	98 303	29 909,667	411 400,376	13,755	13,285	67	88	31 794	292,234	1 207,361	4,131	3,662
18	39	98 215	27 862,833	381 490,708	13,692	13,222	68	89	27 407	234,883	915,127	3,896	3,426
19	40	98 103	25 949,645	353 627,875	13,627	13,158	69	90	23 078	184,412	680,244	3,689	3,219
20	41	97 985	24 166,570	327 678,230	13,559	13,089	70	91	19 097	142,286	495,832	3,485	3,015
21	42	97 854	22 502,762	303 511,660	13,488	13,018	71	92	15 346	106,610	353,547	3,316	2,846
22	43	97 714	20 951,593	281 008,897	13,412	12,942	72	93	12 132	78,585	246,936	3,142	2,672
23	44	97 562	19 504,911	260 057,305	13,333	12,863	73	94	9 357	56,512	168,352	2,979	2,509
24	45	97 402	18 156,475	240 552,393	13,249	12,779	74	95	7 027	39,572	111,840	2,826	2,356
25	46	97 224	16 898,166	222 395,919	13,161	12,691	75	96	5 126	26,912	72,268	2,685	2,215
26	47	97 033	15 725,020	205 497,753	13,068	12,598	76	97	3 628	17,760	45,356	2,554	2,084
27	48	96 818	14 629,544	189 772,733	12,972	12,502	77	98	2 487	11,351	27,596	2,431	1,961
28	49	96 586	13 607,859	175 143,189	12,871	12,401	78	99	1 647	7,010	16,245	2,318	1,848
29	50	96 329	12 654,265	161 535,330	12,765	12,295	79	100	1 052	4,173	9,236	2,213	1,743
30	51	96 054	11 765,114	148 881,065	12,654	12,185							
31	52	95 758	10 935,960	137 115,951	12,538	12,068							
32	53	95 427	10 161,447	126 179,992	12,418	11,948							
33	54	95 070	9 439,114	116 018,544	12,291	11,821							
34	55	94 694	8 766,256	106 579,431	12,158	11,688							
35	56	94 284	8 138,244	97 813,175	12,019	11,549							
36	57	93 849	7 553,132	89 674,931	11,873	11,403							
37	58	93 392	7 008,223	82 121,799	11,718	11,248							
38	59	92 891	6 499,469	75 113,576	11,557	11,087							
39	60	92 351	6 024,865	68 614,107	11,388	10,919							
40	61	91 748	5 580,900	62 589,242	11,215	10,745							
41	62	91 104	5 167,096	57 008,342	11,033	10,563							
42	63	90 405	4 780,859	51 841,246	10,843	10,374							
43	64	89 659	4 420,871	47 060,387	10,645	10,175							
44	65	88 841	4 084,433	42 639,516	10,440	9,970							
45	66	87 972	3 771,070	38 555,082	10,224	9,754							
46	67	87 026	3 478,349	34 784,013	10,000	9,530							
47	68	86 018	3 205,649	31 305,664	9,766	9,296							
48	69	84 937	2 951,381	28 100,015	9,521	9,051							
49	70	83 765	2 713,909	25 148,633	9,267	8,797							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß   7,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	22	99 406	99 406,360	1 426 624,975	14,351	13,882	50	72	81 434	2 460,031	21 562,114	8,765	8,295
1	23	99 000	92 307,376	1 327 218,616	14,378	13,908	51	73	79 934	2 251,484	19 102,083	8,484	8,014
2	24	98 945	86 019,654	1 234 911,240	14,356	13,886	52	74	78 262	2 055,378	16 850,599	8,198	7,728
3	25	98 906	80 173,458	1 148 891,587	14,330	13,860	53	75	76 421	1 871,361	14 795,221	7,906	7,436
4	26	98 870	74 726,970	1 068 718,129	14,302	13,832	54	76	74 369	1 697,993	12 923,860	7,611	7,141
5	27	98 834	69 649,756	993 991,159	14,271	13,801	55	77	72 098	1 534,869	11 225,866	7,314	6,844
6	28	98 797	64 917,037	924 341,403	14,239	13,769	56	78	69 625	1 382,023	9 690,997	7,012	6,542
7	29	98 761	60 507,006	859 424,367	14,204	13,734	57	79	66 901	1 238,185	8 308,975	6,711	6,241
8	30	98 725	56 395,955	798 917,361	14,166	13,696	58	80	63 953	1 103,619	7 070,790	6,407	5,937
9	31	98 689	52 564,379	742 521,407	14,126	13,656	59	81	60 743	977,366	5 967,171	6,105	5,635
10	32	98 651	48 992,425	689 957,028	14,083	13,613	60	82	57 300	859,646	4 989,805	5,804	5,335
11	33	98 607	45 660,310	640 964,602	14,038	13,568	61	83	53 578	749,464	4 130,159	5,511	5,041
12	34	98 563	42 554,497	595 304,292	13,989	13,519	62	84	49 657	647,665	3 380,694	5,220	4,750
13	35	98 510	39 656,585	552 749,796	13,938	13,469	63	85	45 514	553,497	2 733,029	4,938	4,468
14	36	98 460	36 957,030	513 093,211	13,884	13,414	64	86	41 220	467,388	2 179,532	4,663	4,193
15	37	98 398	34 437,225	476 136,181	13,826	13,356	65	87	36 810	389,168	1 712,143	4,400	3,930
16	38	98 328	32 086,451	441 698,956	13,766	13,296	66	88	32 329	318,693	1 322,976	4,151	3,681
17	39	98 248	29 893,016	409 612,505	13,703	13,233	67	89	27 906	256,498	1 004,283	3,915	3,445
18	40	98 150	27 844,401	379 719,489	13,637	13,167	68	90	23 529	201,643	747,785	3,708	3,239
19	41	98 033	25 931,319	351 875,088	13,570	13,100	69	91	19 506	155,866	546,142	3,504	3,034
20	42	97 907	24 147,201	325 943,770	13,498	13,028	70	92	15 704	117,003	390,277	3,336	2,866
21	43	97 767	22 482,733	301 796,569	13,423	12,954	71	93	12 442	86,437	273,273	3,162	2,692
22	44	97 614	20 930,139	279 313,836	13,345	12,875	72	94	9 618	62,298	186,836	2,999	2,529
23	45	97 453	19 483,004	258 383,697	13,262	12,792	73	95	7 244	43,747	124,539	2,847	2,377
24	46	97 278	18 133,430	238 900,692	13,175	12,705	74	96	5 305	29,875	80,792	2,704	2,234
25	47	97 087	16 874,355	220 767,263	13,083	12,613	75	97	3 769	19,788	50,917	2,573	2,103
26	48	96 875	15 699,308	203 892,908	12,987	12,517	76	98	2 595	12,702	31,129	2,451	1,981
27	49	96 647	14 603,673	188 193,600	12,887	12,417	77	99	1 728	7,887	18,426	2,336	1,867
28	50	96 387	13 579,859	173 589,928	12,783	12,313	78	100	1 110	4,725	10,540	2,231	1,761
29	51	96 117	12 626,387	160 010,068	12,673	12,203							
30	52	95 819	11 736,327	147 383,681	12,558	12,088							
31	53	95 495	10 905,936	135 647,354	12,438	11,968							
32	54	95 140	10 130,897	124 741,418	12,313	11,843							
33	55	94 766	9 408,991	114 610,521	12,181	11,711							
34	56	94 358	8 735,195	105 201,530	12,043	11,574							
35	57	93 928	8 107,545	96 466,335	11,898	11,428							
36	58	93 474	7 522,946	88 358,790	11,745	11,275							
37	59	92 980	6 977,301	80 835,844	11,586	11,116							
38	60	92 453	6 468,778	73 858,543	11,418	10,948							
39	61	91 853	5 992,395	67 389,765	11,246	10,776							
40	62	91 221	5 548,828	61 397,371	11,065	10,595							
41	63	90 529	5 134,504	55 848,542	10,877	10,407							
42	64	89 796	4 748,647	50 714,039	10,680	10,210							
43	65	89 000	4 388,380	45 965,392	10,474	10,004							
44	66	88 147	4 052,534	41 577,012	10,260	9,790							
45	67	87 219	3 738,811	37 524,477	10,036	9,567							
46	68	86 231	3 446,584	33 785,667	9,803	9,333							
47	69	85 183	3 174,520	30 339,083	9,557	9,087							
48	70	84 035	2 920,033	27 164,562	9,303	8,833							
49	71	82 793	2 682,415	24 244,529	9,038	8,568							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß   7,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	23	99 384	99 384,060	1 424 410,622	14,332	13,862	50	73	80 255	2 424,416	20 649,314	8,517	8,047
1	24	98 977	92 286,276	1 325 026,562	14,358	13,888	51	74	78 634	2 214,872	18 224,899	8,228	7,759
2	25	98 925	86 002,266	1 232 740,286	14,334	13,864	52	75	76 806	2 017,133	16 010,027	7,937	7,467
3	26	98 884	80 155,821	1 146 738,020	14,306	13,836	53	76	74 781	1 831,206	13 992,894	7,641	7,171
4	27	98 847	74 709,284	1 066 582,199	14,276	13,807	54	77	72 547	1 656,405	12 161,688	7,342	6,872
5	28	98 807	69 631,044	991 872,915	14,245	13,775	55	78	70 099	1 492,317	10 505,283	7,040	6,570
6	29	98 772	64 900,621	922 241,870	14,210	13,740	56	79	67 392	1 337,704	9 012,967	6,738	6,268
7	30	98 733	60 489,645	857 341,249	14,173	13,703	57	80	64 472	1 193,231	7 675,263	6,432	5,962
8	31	98 697	56 379,993	796 851,604	14,134	13,664	58	81	61 282	1 057,526	6 482,032	6,129	5,660
9	32	98 659	52 548,503	740 471,611	14,091	13,621	59	82	57 852	930,853	5 424,506	5,827	5,358
10	33	98 616	48 975,059	687 923,108	14,046	13,576	60	83	54 141	812,241	4 493,653	5,532	5,063
11	34	98 571	45 643,615	638 948,049	13,999	13,529	61	84	50 218	702,464	3 681,412	5,241	4,771
12	35	98 521	42 536,421	593 304,435	13,948	13,478	62	85	46 066	600,829	2 978,948	4,958	4,488
13	36	98 471	39 640,811	550 768,014	13,894	13,424	63	86	41 748	507,693	2 378,119	4,684	4,214
14	37	98 413	36 939,468	511 127,203	13,837	13,367	64	87	37 336	423,350	1 870,426	4,418	3,948
15	38	98 346	34 418,846	474 187,735	13,777	13,307	65	88	32 823	347,024	1 447,076	4,170	3,700
16	39	98 274	32 068,588	439 768,889	13,713	13,243	66	89	28 376	279,721	1 100,052	3,933	3,463
17	40	98 183	29 873,240	407 700,301	13,648	13,178	67	90	23 957	220,199	820,331	3,725	3,256
18	41	98 080	27 824,736	377 827,061	13,579	13,109	68	91	19 887	170,429	600,132	3,521	3,051
19	42	97 955	25 910,535	350 002,325	13,508	13,038	69	92	16 040	128,170	429,703	3,353	2,883
20	43	97 820	24 125,708	324 091,790	13,433	12,964	70	93	12 732	94,863	301,532	3,179	2,709
21	44	97 667	22 459,712	299 966,082	13,356	12,886	71	94	9 864	68,523	206,669	3,016	2,546
22	45	97 505	20 906,632	277 506,370	13,274	12,804	72	95	7 445	48,226	138,146	2,865	2,395
23	46	97 329	19 458,276	256 599,738	13,187	12,717	73	96	5 468	33,027	89,921	2,723	2,253
24	47	97 141	18 107,878	237 141,463	13,096	12,626	74	97	3 901	21,967	56,894	2,590	2,120
25	48	96 928	16 846,763	219 033,585	13,002	12,532	75	98	2 696	14,153	34,927	2,468	1,998
26	49	96 703	15 671,545	202 186,822	12,902	12,432	76	99	1 803	8,826	20,774	2,354	1,884
27	50	96 448	14 573,623	186 515,277	12,798	12,328	77	100	1 165	5,316	11,949	2,248	1,778
28	51	96 175	13 549,943	171 941,654	12,689	12,220							
29	52	95 882	12 595,493	158 391,711	12,575	12,105							
30	53	95 556	11 704,106	145 796,218	12,457	11,987							
31	54	95 208	10 873,147	134 092,112	12,332	11,863							
32	55	94 836	10 098,567	123 218,964	12,202	11,732							
33	56	94 431	9 375,654	113 120,398	12,065	11,595							
34	57	94 003	8 702,244	103 744,744	11,922	11,452							
35	58	93 553	8 075,143	95 042,500	11,770	11,300							
36	59	93 062	7 489,752	86 967,357	11,612	11,142							
37	60	92 541	6 944,354	79 477,605	11,445	10,975							
38	61	91 954	6 433,915	72 533,251	11,274	10,804							
39	62	91 326	5 957,958	66 099,336	11,094	10,624							
40	63	90 645	5 513,828	60 141,377	10,907	10,437							
41	64	89 919	5 099,908	54 627,549	10,711	10,242							
42	65	89 136	4 713,747	49 527,641	10,507	10,037							
43	66	88 305	4 354,107	44 813,894	10,292	9,822							
44	67	87 393	4 017,868	40 459,787	10,070	9,600							
45	68	86 423	3 704,667	36 441,919	9,837	9,367							
46	69	85 394	3 413,115	32 737,252	9,592	9,122							
47	70	84 278	3 140,802	29 324,136	9,337	8,867							
48	71	83 059	2 886,147	26 183,334	9,072	8,602							
49	72	81 727	2 647,873	23 297,187	8,798	8,329							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß   7,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	24	99 361	99 361,342	1 422 046,982	14,312	13,842	50	74	78 950	2 384,992	19 697,336	8,259	7,789
1	25	98 957	92 267,621	1 322 685,639	14,335	13,865	51	75	77 171	2 173,659	17 312,344	7,965	7,495
2	26	98 903	85 983,347	1 230 418,018	14,310	13,840	52	76	75 158	1 973,849	15 138,686	7,670	7,200
3	27	98 861	80 136,851	1 144 434,671	14,281	13,811	53	77	72 950	1 786,354	13 164,837	7,370	6,900
4	28	98 821	74 689,214	1 064 297,820	14,250	13,780	54	78	70 536	1 610,483	11 378,482	7,065	6,595
5	29	98 782	69 613,437	989 608,606	14,216	13,746	55	79	67 851	1 444,461	9 767,999	6,762	6,292
6	30	98 743	64 882,000	919 995,169	14,180	13,710	56	80	64 945	1 289,137	8 323,539	6,457	5,987
7	31	98 705	60 472,525	855 113,170	14,141	13,671	57	81	61 779	1 143,395	7 034,401	6,152	5,682
8	32	98 667	56 362,965	794 640,645	14,099	13,629	58	82	58 366	1 007,198	5 891,006	5,849	5,379
9	33	98 624	52 529,876	738 277,681	14,054	13,585	59	83	54 662	879,522	4 883,809	5,553	5,083
10	34	98 580	48 957,152	685 747,804	14,007	13,537	60	84	50 745	761,304	4 004,287	5,260	4,790
11	35	98 529	45 624,226	636 790,652	13,957	13,487	61	85	46 586	651,665	3 242,982	4,976	4,507
12	36	98 482	42 519,502	591 166,426	13,903	13,434	62	86	42 254	551,108	2 591,317	4,702	4,232
13	37	98 424	39 621,973	548 646,925	13,847	13,377	63	87	37 814	459,857	2 040,210	4,437	3,967
14	38	98 361	36 919,754	509 024,951	13,787	13,317	64	88	33 293	377,504	1 580,353	4,186	3,716
15	39	98 291	34 399,685	472 105,198	13,724	13,254	65	89	28 810	304,587	1 202,849	3,949	3,479
16	40	98 209	32 047,373	437 705,513	13,658	13,188	66	90	24 360	240,136	898,261	3,741	3,271
17	41	98 114	29 852,143	405 658,140	13,589	13,119	67	91	20 249	186,113	658,126	3,536	3,066
18	42	98 002	27 802,435	375 805,997	13,517	13,047	68	92	16 353	140,146	472,012	3,368	2,898
19	43	97 867	25 887,472	348 003,562	13,443	12,973	69	93	13 005	103,917	331,866	3,194	2,724
20	44	97 719	24 101,004	322 116,090	13,365	12,895	70	94	10 094	75,203	227,949	3,031	2,561
21	45	97 557	22 434,486	298 015,085	13,284	12,814	71	95	7 636	53,045	152,746	2,880	2,410
22	46	97 381	20 880,096	275 580,599	13,198	12,728	72	96	5 621	36,408	99,701	2,738	2,269
23	47	97 192	19 430,857	254 700,503	13,108	12,638	73	97	4 021	24,284	63,294	2,606	2,136
24	48	96 982	18 078,269	235 269,646	13,014	12,544	74	98	2 790	15,711	39,009	2,483	2,013
25	49	96 757	16 816,971	217 191,377	12,915	12,445	75	99	1 873	9,834	23,298	2,369	1,899
26	50	96 504	15 639,298	200 374,406	12,812	12,342	76	100	1 215	5,949	13,464	2,263	1,793
27	51	96 236	14 541,518	184 735,108	12,704	12,234							
28	52	95 940	13 516,789	170 193,590	12,591	12,121							
29	53	95 619	12 560,914	156 676,801	12,473	12,003							
30	54	95 269	11 668,917	144 115,887	12,350	11,881							
31	55	94 904	10 838,449	132 446,970	12,220	11,750							
32	56	94 500	10 062,786	121 608,522	12,085	11,615							
33	57	94 074	9 340,287	111 545,736	11,942	11,473							
34	58	93 627	8 667,465	102 205,449	11,792	11,322							
35	59	93 140	8 039,513	93 537,984	11,635	11,165							
36	60	92 622	7 454,386	85 498,471	11,470	11,000							
37	61	92 042	6 906,928	78 044,086	11,299	10,829							
38	62	91 426	6 396,942	71 137,158	11,120	10,651							
39	63	90 749	5 920,378	64 740,216	10,935	10,465							
40	64	90 035	5 476,677	58 819,838	10,740	10,270							
41	65	89 258	5 062,427	53 343,161	10,537	10,067							
42	66	88 440	4 676,933	48 280,735	10,323	9,853							
43	67	87 549	4 316,861	43 603,802	10,101	9,631							
44	68	86 595	3 981,176	39 286,940	9,868	9,398							
45	69	85 583	3 668,692	35 305,765	9,624	9,154							
46	70	84 487	3 376,863	31 637,073	9,369	8,899							
47	71	83 300	3 104,354	28 260,210	9,103	8,634							
48	72	81 990	2 848,981	25 155,856	8,830	8,360							
49	73	80 544	2 609,538	22 306,874	8,548	8,078							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß   7,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	25	99 341	99 341,258	1 419 523,737	14,289	13,819	50	75	77 481	2 340,613	18 707,591	7,993	7,523
1	26	98 935	92 247,324	1 320 182,479	14,311	13,841	51	76	75 515	2 127,016	16 366,978	7,695	7,225
2	27	98 879	85 962,998	1 227 935,155	14,284	13,815	52	77	73 317	1 925,504	14 239,962	7,395	6,926
3	28	98 834	80 115,322	1 141 972,157	14,254	13,784	53	78	70 927	1 736,830	12 314,458	7,090	6,620
4	29	98 796	74 670,327	1 061 856,834	14,221	13,751	54	79	68 274	1 558,838	10 577,628	6,786	6,316
5	30	98 754	69 593,463	987 186,508	14,185	13,715	55	80	65 388	1 392,018	9 018,790	6,479	6,009
6	31	98 715	64 863,636	917 593,044	14,146	13,677	56	81	62 233	1 235,296	7 626,772	6,174	5,704
7	32	98 675	60 454,260	852 729,408	14,105	13,635	57	82	58 839	1 088,981	6 391,477	5,869	5,399
8	33	98 632	56 342,985	792 275,148	14,062	13,592	58	83	55 147	951,656	5 302,496	5,572	5,102
9	34	98 588	52 510,669	735 932,162	14,015	13,545	59	84	51 234	824,366	4 350,840	5,278	4,808
10	35	98 538	48 936,356	683 421,493	13,966	13,496	60	85	47 076	706,250	3 526,474	4,993	4,523
11	36	98 490	45 606,079	634 485,137	13,912	13,442	61	86	42 731	597,737	2 820,224	4,718	4,248
12	37	98 435	42 499,296	588 879,058	13,856	13,386	62	87	38 273	499,181	2 222,487	4,452	3,982
13	38	98 371	39 600,828	546 379,762	13,797	13,327	63	88	33 719	410,058	1 723,306	4,203	3,733
14	39	98 306	36 899,200	506 778,935	13,734	13,264	64	89	29 221	331,341	1 313,248	3,963	3,494
15	40	98 226	34 376,927	469 879,735	13,668	13,199	65	90	24 733	261,483	981,908	3,755	3,285
16	41	98 139	32 024,740	435 502,807	13,599	13,129	66	91	20 589	202,964	720,425	3,550	3,080
17	42	98 035	29 828,217	403 478,067	13,527	13,057	67	92	16 651	153,043	517,461	3,381	2,911
18	43	97 915	27 777,688	373 649,850	13,451	12,982	68	93	13 259	113,627	364,418	3,207	2,737
19	44	97 767	25 860,965	345 872,162	13,374	12,904	69	94	10 309	82,380	250,791	3,044	2,574
20	45	97 610	24 073,935	320 011,197	13,293	12,823	70	95	7 814	58,216	168,410	2,893	2,423
21	46	97 433	22 406,012	295 937,261	13,208	12,738	71	96	5 765	40,046	110,195	2,752	2,282
22	47	97 244	20 850,674	273 531,250	13,119	12,649	72	97	4 133	26,771	70,149	2,620	2,150
23	48	97 033	19 399,085	252 680,576	13,025	12,555	73	98	2 876	17,369	43,378	2,497	2,028
24	49	96 811	18 046,299	233 281,491	12,927	12,457	74	99	1 939	10,916	26,010	2,383	1,913
25	50	96 557	16 782,367	215 235,192	12,825	12,355	75	100	1 263	6,629	15,093	2,277	1,807
26	51	96 292	15 604,845	198 452,824	12,717	12,247							
27	52	96 000	14 505,938	182 847,980	12,605	12,135							
28	53	95 676	13 479,680	168 342,042	12,489	12,019							
29	54	95 331	12 523,149	154 862,362	12,366	11,896							
30	55	94 965	11 631,679	142 339,213	12,237	11,767							
31	56	94 568	10 800,046	130 707,534	12,102	11,633							
32	57	94 144	10 024,827	119 907,487	11,961	11,491							
33	58	93 698	9 302,958	109 882,661	11,812	11,342							
34	59	93 214	8 629,222	100 579,703	11,656	11,186							
35	60	92 700	8 001,550	91 950,481	11,492	11,022							
36	61	92 123	7 414,211	83 948,931	11,323	10,853							
37	62	91 513	6 867,236	76 534,720	11,145	10,675							
38	63	90 849	6 356,592	69 667,484	10,960	10,490							
39	64	90 138	5 880,487	63 310,892	10,766	10,296							
40	65	89 373	5 436,427	57 430,405	10,564	10,094							
41	66	88 561	5 022,890	51 993,978	10,351	9,882							
42	67	87 683	4 636,925	46 971,089	10,130	9,660							
43	68	86 750	4 277,438	42 334,163	9,897	9,427							
44	69	85 754	3 942,516	38 056,725	9,653	9,183							
45	70	84 674	3 629,725	34 114,209	9,399	8,929							
46	71	83 506	3 337,675	30 484,484	9,133	8,664							
47	72	82 227	3 064,379	27 146,809	8,859	8,389							
48	73	80 803	2 807,735	24 082,430	8,577	8,107							
49	74	79 234	2 567,104	21 274,695	8,287	7,818							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß   7,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	49	93 528	2 825,378	33 091,671	11,712	11,242
1	0	99 613	92 879,458	1 352 027,917	14,557	14,087	51	50	92 962	2 618,446	30 266,294	11,559	11,089
2	1	99 267	86 299,620	1 259 148,460	14,590	14,121	52	51	92 318	2 424,538	27 647,847	11,403	10,933
3	2	99 222	80 429,422	1 172 848,840	14,582	14,112	53	52	91 632	2 243,821	25 223,309	11,241	10,771
4	3	99 193	74 970,872	1 092 419,418	14,571	14,101	54	53	90 876	2 074,881	22 979,488	11,075	10,605
5	4	99 169	69 885,819	1 017 448,546	14,559	14,089	55	54	90 041	1 916,859	20 904,608	10,906	10,436
6	5	99 146	65 146,797	947 562,727	14,545	14,075	56	55	89 147	1 769,524	18 987,748	10,730	10,261
7	6	99 126	60 730,378	882 415,930	14,530	14,060	57	56	88 183	1 632,076	17 218,225	10,550	10,080
8	7	99 109	56 615,464	821 685,552	14,513	14,044	58	57	87 144	1 503,812	15 586,149	10,364	9,895
9	8	99 092	52 779,384	765 070,087	14,496	14,026	59	58	86 032	1 384,270	14 082,337	10,173	9,703
10	9	99 077	49 204,059	712 290,703	14,476	14,006	60	59	84 835	1 272,737	12 698,067	9,977	9,507
11	10	99 062	45 870,646	663 086,644	14,456	13,986	61	60	83 557	1 168,824	11 425,330	9,775	9,305
12	11	99 046	42 763,127	617 215,999	14,433	13,963	62	61	82 179	1 071,837	10 256,506	9,569	9,099
13	12	99 027	39 864,754	574 452,871	14,410	13,940	63	62	80 727	981,726	9 184,669	9,356	8,886
14	13	99 008	37 162,820	534 588,117	14,385	13,915	64	63	79 204	898,088	8 202,943	9,134	8,664
15	14	98 984	34 642,344	497 425,297	14,359	13,889	65	64	77 561	820,012	7 304,855	8,908	8,438
16	15	98 956	32 291,303	462 782,953	14,332	13,862	66	65	75 832	747,532	6 484,843	8,675	8,205
17	16	98 918	30 096,836	430 491,649	14,304	13,834	67	66	73 995	680,117	5 737,311	8,436	7,966
18	17	98 869	28 048,494	400 394,814	14,275	13,805	68	67	72 050	617,475	5 057,195	8,190	7,720
19	18	98 806	26 135,656	372 346,319	14,247	13,777	69	68	70 025	559,553	4 439,719	7,934	7,465
20	19	98 735	24 351,438	346 210,664	14,217	13,747	70	69	67 893	505,841	3 880,166	7,671	7,201
21	20	98 661	22 688,403	321 859,226	14,186	13,716	71	70	65 643	456,013	3 374,325	7,400	6,930
22	21	98 586	21 138,563	299 170,823	14,153	13,683	72	71	63 263	409,776	2 918,313	7,122	6,652
23	22	98 513	19 695,019	278 032,260	14,117	13,647	73	72	60 756	366,932	2 508,536	6,837	6,367
24	23	98 440	18 349,937	258 337,241	14,078	13,608	74	73	58 089	327,110	2 141,604	6,547	6,077
25	24	98 362	17 096,016	239 987,304	14,038	13,568	75	74	55 209	289,876	1 814,495	6,260	5,790
26	25	98 288	15 928,363	222 891,289	13,993	13,523	76	75	52 153	255,321	1 524,619	5,971	5,501
27	26	98 209	14 839,726	206 962,925	13,947	13,477	77	76	48 910	223,258	1 269,297	5,685	5,215
28	27	98 124	13 824,544	192 123,199	13,897	13,427	78	77	45 482	193,575	1 046,039	5,404	4,934
29	28	98 039	12 878,811	178 298,655	13,844	13,374	79	78	41 885	166,217	852,464	5,129	4,659
30	29	97 949	11 997,284	165 419,844	13,788	13,318	80	79	38 156	141,182	686,247	4,861	4,391
31	30	97 859	11 175,914	153 422,560	13,728	13,258	81	80	34 379	118,606	545,065	4,596	4,126
32	31	97 761	10 410,047	142 246,646	13,664	13,194	82	81	30 543	98,250	426,459	4,341	3,871
33	32	97 660	9 696,273	131 836,599	13,597	13,127	83	82	26 753	80,240	328,209	4,090	3,620
34	33	97 551	9 030,711	122 140,325	13,525	13,055	84	83	23 055	64,476	247,969	3,846	3,376
35	34	97 438	8 410,488	113 109,614	13,449	12,979	85	84	19 488	50,815	183,493	3,611	3,141
36	35	97 314	7 832,032	104 699,126	13,368	12,898	86	85	16 114	39,179	132,678	3,387	2,917
37	36	97 190	7 293,259	96 867,094	13,282	12,812	87	86	12 994	29,456	93,500	3,174	2,704
38	37	97 052	6 790,560	89 573,835	13,191	12,721	88	87	10 178	21,512	64,044	2,977	2,507
39	38	96 893	6 321,190	82 783,275	13,096	12,626	89	88	7 730	15,233	42,532	2,792	2,322
40	39	96 728	5 883,840	76 462,085	12,995	12,525	90	89	5 649	10,381	27,299	2,630	2,160
41	40	96 540	5 475,435	70 578,245	12,890	12,420	91	90	3 996	6,847	16,917	2,471	2,001
42	41	96 340	5 094,709	65 102,810	12,779	12,309	92	91	2 703	4,318	10,070	2,332	1,862
43	42	96 115	4 739,244	60 008,101	12,662	12,192	93	92	1 742	2,594	5,752	2,217	1,747
44	43	95 859	4 407,070	55 268,857	12,541	12,071	94	93	1 081	1,501	3,158	2,104	1,634
45	44	95 570	4 096,782	50 861,787	12,415	11,945	95	94	640	0,828	1,657	2,001	1,531
46	45	95 251	3 807,102	46 765,004	12,284	11,814	96	95	360	0,435	0,829	1,907	1,437
47	46	94 895	3 536,471	42 957,903	12,147	11,677	97	96	192	0,216	0,394	1,821	1,351
48	47	94 488	3 283,257	39 421,432	12,007	11,537	98	97	97	0,102	0,178	1,744	1,274
49	48	94 031	3 046,504	36 138,175	11,862	11,392	99	98	46	0,045	0,076	1,673	1,203
							100	99	21	0,019	0,030	1,609	1,139

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß   7,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	48	93 694	2 830,383	33 289,992	11,762	11,292
1							51	49	93 154	2 623,845	30 459,609	11,609	11,139
2	0	99 581	86 572,556	1 259 830,571	14,552	14,082	52	50	92 522	2 429,891	27 835,764	11,456	10,986
3	1	99 248	80 450,658	1 173 258,015	14,584	14,114	53	51	91 856	2 249,325	25 405,873	11,295	10,825
4	2	99 208	74 982,040	1 092 807,357	14,574	14,104	54	52	91 126	2 080,593	23 156,548	11,130	10,660
5	3	99 180	69 893,628	1 017 825,317	14,562	14,093	55	53	90 313	1 922,640	21 075,956	10,962	10,492
6	4	99 158	65 154,563	947 931,689	14,549	14,079	56	54	89 432	1 775,189	19 153,316	10,789	10,320
7	5	99 136	60 736,517	882 777,126	14,535	14,065	57	55	88 497	1 637,879	17 378,127	10,610	10,140
8	6	99 118	56 620,396	822 040,609	14,518	14,049	58	56	87 474	1 509,506	15 740,248	10,427	9,958
9	7	99 101	52 783,915	765 420,214	14,501	14,031	59	57	86 378	1 389,825	14 230,742	10,239	9,769
10	8	99 085	49 207,683	712 636,299	14,482	14,012	60	58	85 211	1 278,378	12 840,917	10,045	9,575
11	9	99 068	45 873,810	663 428,616	14,462	13,992	61	59	83 954	1 174,369	11 562,540	9,846	9,376
12	10	99 053	42 766,162	617 554,806	14,440	13,970	62	60	82 624	1 077,645	10 388,171	9,640	9,170
13	11	99 035	39 867,943	574 788,644	14,417	13,947	63	61	81 194	987,400	9 310,526	9,429	8,959
14	12	99 016	37 165,812	534 920,702	14,393	13,923	64	62	79 707	903,789	8 323,126	9,209	8,739
15	13	98 993	34 645,447	497 754,889	14,367	13,897	65	63	78 087	825,575	7 419,337	8,987	8,517
16	14	98 967	32 294,804	463 109,442	14,340	13,870	66	64	76 393	753,066	6 593,762	8,756	8,286
17	15	98 930	30 100,622	430 814,638	14,312	13,843	67	65	74 577	685,470	5 840,696	8,521	8,051
18	16	98 884	28 052,811	400 714,016	14,284	13,814	68	66	72 672	622,803	5 155,226	8,277	7,808
19	17	98 822	26 139,850	372 661,206	14,256	13,787	69	67	70 671	564,710	4 532,423	8,026	7,556
20	18	98 757	24 357,001	346 521,355	14,227	13,757	70	68	68 559	510,801	3 967,713	7,768	7,298
21	19	98 682	22 693,090	322 164,354	14,197	13,727	71	69	66 347	460,908	3 456,911	7,500	7,030
22	20	98 608	21 143,256	299 471,264	14,164	13,694	72	70	64 006	414,588	2 996,003	7,226	6,757
23	21	98 534	19 699,142	278 328,008	14,129	13,659	73	71	61 548	371,718	2 581,415	6,945	6,475
24	22	98 462	18 354,054	258 628,866	14,091	13,621	74	72	58 942	331,915	2 209,697	6,657	6,188
25	23	98 385	17 099,224	240 274,811	14,051	13,581	75	73	56 122	294,668	1 877,782	6,373	5,903
26	24	98 308	15 931,583	223 174,887	14,008	13,538	76	74	53 142	260,162	1 583,114	6,085	5,615
27	25	98 231	14 842,991	207 243,304	13,962	13,492	77	75	49 983	228,154	1 322,952	5,799	5,329
28	26	98 147	13 827,817	192 400,312	13,914	13,444	78	76	46 624	198,435	1 094,798	5,517	5,047
29	27	98 065	12 882,272	178 572,496	13,862	13,392	79	77	43 080	170,956	896,362	5,243	4,773
30	28	97 974	12 000,319	165 690,224	13,807	13,337	80	78	39 420	145,859	725,406	4,973	4,503
31	29	97 887	11 179,121	153 689,905	13,748	13,278	81	79	35 674	123,075	579,547	4,709	4,239
32	30	97 789	10 412,995	142 510,784	13,686	13,216	82	80	31 874	102,532	456,472	4,452	3,982
33	31	97 689	9 699,203	132 097,789	13,619	13,150	83	81	28 089	84,249	353,940	4,201	3,731
34	32	97 585	9 033,913	122 398,586	13,549	13,079	84	82	24 401	68,239	269,691	3,952	3,482
35	33	97 473	8 413,565	113 364,673	13,474	13,004	85	83	20 792	54,215	201,451	3,716	3,246
36	34	97 356	7 835,360	104 951,108	13,395	12,925	86	84	17 371	42,233	147,237	3,486	3,016
37	35	97 229	7 296,161	97 115,748	13,311	12,841	87	85	14 166	32,113	105,004	3,270	2,800
38	36	97 098	6 793,789	89 819,587	13,221	12,751	88	86	11 236	23,750	72,891	3,069	2,599
39	37	96 945	6 324,565	83 025,798	13,128	12,658	89	87	8 668	17,083	49,141	2,877	2,407
40	38	96 782	5 887,117	76 701,233	13,029	12,559	90	88	6 437	11,828	32,058	2,710	2,241
41	39	96 604	5 479,060	70 814,115	12,925	12,455	91	89	4 655	7,976	20,230	2,536	2,067
42	40	96 408	5 098,309	65 335,055	12,815	12,345	92	90	3 198	5,109	12,254	2,399	1,929
43	41	96 193	4 743,046	60 236,746	12,700	12,230	93	91	2 118	3,155	7,146	2,265	1,795
44	42	95 944	4 410,996	55 493,700	12,581	12,111	94	92	1 333	1,851	3,991	2,156	1,686
45	43	95 668	4 100,981	51 082,704	12,456	11,986	95	93	807	1,045	2,139	2,048	1,578
46	44	95 358	3 811,383	46 981,723	12,327	11,857	96	94	465	0,561	1,095	1,950	1,480
47	45	95 016	3 540,965	43 170,340	12,192	11,722	97	95	255	0,287	0,533	1,860	1,391
48	46	94 621	3 287,890	39 629,375	12,053	11,583	98	96	132	0,139	0,247	1,779	1,309
49	47	94 185	3 051,493	36 341,485	11,909	11,440	99	97	65	0,063	0,108	1,706	1,236
							100	98	30	0,027	0,045	1,638	1,169

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß   7,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	47	93 847	2 835,018	33 472,589	11,807	11,337
1							51	48	93 319	2 628,493	30 637,571	11,656	11,186
2							52	49	92 713	2 434,901	28 009,077	11,503	11,033
3	0	99 562	80 705,096	1 173 886,866	14,545	14,075	53	50	92 059	2 254,291	25 574,176	11,345	10,875
4	1	99 234	75 001,838	1 093 181,769	14,575	14,106	54	51	91 349	2 085,696	23 319,885	11,181	10,711
5	2	99 195	69 904,040	1 018 179,932	14,565	14,095	55	52	90 561	1 927,933	21 234,189	11,014	10,544
6	3	99 169	65 161,843	948 275,892	14,553	14,083	56	53	89 702	1 780,542	19 306,256	10,843	10,373
7	4	99 148	60 743,756	883 114,049	14,538	14,068	57	54	88 780	1 643,122	17 525,715	10,666	10,196
8	5	99 128	56 626,119	822 370,292	14,523	14,053	58	55	87 785	1 514,874	15 882,592	10,484	10,015
9	6	99 109	52 788,512	765 744,173	14,506	14,036	59	56	86 705	1 395,087	14 367,719	10,299	9,829
10	7	99 093	49 211,906	712 955,661	14,487	14,018	60	57	85 553	1 283,507	12 972,631	10,107	9,637
11	8	99 076	45 877,189	663 743,755	14,468	13,998	61	58	84 326	1 179,574	11 689,124	9,910	9,440
12	9	99 060	42 769,113	617 866,566	14,447	13,977	62	59	83 016	1 082,757	10 509,550	9,706	9,236
13	10	99 042	39 870,772	575 097,454	14,424	13,954	63	60	81 634	992,751	9 426,793	9,496	9,026
14	11	99 024	37 168,784	535 226,681	14,400	13,930	64	61	80 167	909,013	8 434,042	9,278	8,808
15	12	99 001	34 648,237	498 057,897	14,375	13,905	65	62	78 583	830,815	7 525,029	9,057	8,588
16	13	98 976	32 297,697	463 409,660	14,348	13,878	66	63	76 911	758,175	6 694,214	8,829	8,359
17	14	98 941	30 103,885	431 111,964	14,321	13,851	67	64	75 130	690,545	5 936,039	8,596	8,126
18	15	98 897	28 056,340	401 008,079	14,293	13,823	68	65	73 244	627,705	5 245,494	8,357	7,887
19	16	98 837	26 143,873	372 951,739	14,265	13,795	69	66	71 280	569,582	4 617,789	8,107	7,637
20	17	98 773	24 360,910	346 807,866	14,236	13,766	70	67	69 191	515,509	4 048,207	7,853	7,383
21	18	98 704	22 698,275	322 446,955	14,206	13,736	71	68	66 998	465,428	3 532,698	7,590	7,120
22	19	98 628	21 147,624	299 748,681	14,174	13,704	72	69	64 693	419,038	3 067,270	7,320	6,850
23	20	98 556	19 703,516	278 601,057	14,140	13,670	73	70	62 271	376,083	2 648,231	7,042	6,572
24	21	98 482	18 357,896	258 897,540	14,103	13,633	74	71	59 711	336,245	2 272,149	6,757	6,288
25	22	98 407	17 103,761	240 539,644	14,064	13,594	75	72	56 946	298,997	1 935,904	6,475	6,005
26	23	98 330	15 935,226	223 435,883	14,022	13,552	76	73	54 021	264,463	1 636,907	6,190	5,720
27	24	98 251	14 845,992	207 500,657	13,977	13,507	77	74	50 930	232,480	1 372,444	5,903	5,434
28	25	98 169	13 830,859	192 654,665	13,929	13,459	78	75	47 646	202,787	1 139,964	5,621	5,152
29	26	98 088	12 885,321	178 823,806	13,878	13,408	79	76	44 161	175,249	937,177	5,348	4,878
30	27	98 001	12 003,544	165 938,484	13,824	13,354	80	77	40 544	150,018	761,929	5,079	4,609
31	28	97 912	11 181,949	153 934,941	13,766	13,296	81	78	36 856	127,152	611,910	4,812	4,343
32	29	97 817	10 415,983	142 752,992	13,705	13,235	82	79	33 075	106,395	484,758	4,556	4,086
33	30	97 717	9 701,949	132 337,009	13,640	13,170	83	80	29 314	87,921	378,363	4,303	3,834
34	31	97 615	9 036,643	122 635,060	13,571	13,101	84	81	25 620	71,649	290,442	4,054	3,584
35	32	97 508	8 416,548	113 598,417	13,497	13,027	85	82	22 005	57,379	218,793	3,813	3,343
36	33	97 391	7 838,226	105 181,869	13,419	12,949	86	83	18 533	45,058	161,414	3,582	3,112
37	34	97 270	7 299,262	97 343,643	13,336	12,866	87	84	15 270	34,616	116,356	3,361	2,891
38	35	97 136	6 796,492	90 044,382	13,249	12,779	88	85	12 250	25,893	81,740	3,157	2,687
39	36	96 991	6 327,572	83 247,889	13,156	12,686	89	86	9 570	18,860	55,847	2,961	2,491
40	37	96 834	5 890,261	76 920,317	13,059	12,589	90	87	7 218	13,264	36,987	2,788	2,319
41	38	96 658	5 482,112	71 030,056	12,957	12,487	91	88	5 304	9,087	23,723	2,611	2,141
42	39	96 472	5 101,684	65 547,944	12,848	12,378	92	89	3 725	5,951	14,635	2,459	1,989
43	40	96 260	4 746,398	60 446,260	12,735	12,265	93	90	2 506	3,733	8,684	2,327	1,857
44	41	96 021	4 414,534	55 699,862	12,617	12,147	94	91	1 621	2,251	4,952	2,199	1,730
45	42	95 753	4 104,635	51 285,327	12,494	12,025	95	92	995	1,289	2,700	2,096	1,626
46	43	95 456	3 815,289	47 180,693	12,366	11,896	96	93	587	0,708	1,412	1,993	1,524
47	44	95 122	3 544,946	43 365,403	12,233	11,763	97	94	329	0,370	0,704	1,900	1,430
48	45	94 741	3 292,068	39 820,457	12,096	11,626	98	95	175	0,184	0,333	1,816	1,346
49	46	94 318	3 055,799	36 528,389	11,954	11,484	99	96	88	0,086	0,150	1,739	1,269
							100	97	42	0,038	0,064	1,669	1,199

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß   7,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	46	93 980	2 839,019	33 640,335	11,849	11,379
1							51	47	93 472	2 632,798	30 801,316	11,699	11,229
2							52	48	92 877	2 439,215	28 168,517	11,548	11,078
3							53	49	92 249	2 258,939	25 729,302	11,390	10,920
4	0	99 548	75 239,043	1 093 761,433	14,537	14,067	54	50	91 551	2 090,301	23 470,363	11,228	10,758
5	1	99 221	69 922,497	1 018 522,390	14,566	14,097	55	51	90 784	1 932,662	21 380,062	11,062	10,593
6	2	99 184	65 171,550	948 599,894	14,555	14,086	56	52	89 949	1 785,444	19 447,401	10,892	10,422
7	3	99 159	60 750,544	883 428,343	14,542	14,072	57	53	89 048	1 648,077	17 661,957	10,717	10,247
8	4	99 140	56 632,868	822 677,799	14,527	14,057	58	54	88 066	1 519,723	16 013,880	10,537	10,067
9	5	99 119	52 793,848	766 044,931	14,510	14,040	59	55	87 013	1 400,048	14 494,157	10,353	9,883
10	6	99 102	49 216,192	713 251,083	14,492	14,022	60	56	85 877	1 288,367	13 094,109	10,163	9,693
11	7	99 084	45 881,127	664 034,890	14,473	14,003	61	57	84 664	1 184,307	11 805,741	9,968	9,499
12	8	99 067	42 772,263	618 153,764	14,452	13,982	62	58	83 384	1 087,556	10 621,434	9,766	9,296
13	9	99 049	39 873,523	575 381,501	14,430	13,960	63	59	82 021	997,461	9 533,878	9,558	9,088
14	10	99 031	37 171,423	535 507,978	14,406	13,937	64	60	80 602	913,938	8 536,418	9,340	8,870
15	11	99 009	34 651,008	498 336,556	14,382	13,912	65	61	79 037	835,617	7 622,479	9,122	8,652
16	12	98 984	32 300,297	463 685,548	14,355	13,886	66	62	77 400	762,987	6 786,862	8,895	8,425
17	13	98 950	30 106,582	431 385,251	14,329	13,859	67	63	75 639	695,230	6 023,875	8,665	8,195
18	14	98 908	28 059,381	401 278,669	14,301	13,831	68	64	73 786	632,353	5 328,645	8,427	7,957
19	15	98 849	26 147,162	373 219,288	14,274	13,804	69	65	71 842	574,066	4 696,293	8,181	7,711
20	16	98 788	24 364,659	347 072,126	14,245	13,775	70	66	69 788	519,957	4 122,227	7,928	7,458
21	17	98 720	22 701,918	322 707,467	14,215	13,745	71	67	67 615	469,717	3 602,270	7,669	7,199
22	18	98 651	21 152,455	300 005,549	14,183	13,713	72	68	65 328	423,147	3 132,552	7,403	6,933
23	19	98 576	19 707,587	278 853,093	14,150	13,680	73	69	62 940	380,120	2 709,405	7,128	6,658
24	20	98 504	18 361,972	259 145,507	14,113	13,643	74	70	60 412	340,193	2 329,285	6,847	6,377
25	21	98 427	17 107,342	240 783,534	14,075	13,605	75	71	57 689	302,897	1 989,092	6,567	6,097
26	22	98 353	15 938,802	223 676,193	14,033	13,564	76	72	54 814	268,348	1 686,195	6,284	5,814
27	23	98 273	14 849,387	207 737,391	13,990	13,520	77	73	51 772	236,323	1 417,847	6,000	5,530
28	24	98 189	13 833,655	192 888,005	13,943	13,473	78	74	48 550	206,632	1 181,524	5,718	5,248
29	25	98 110	12 888,157	179 054,349	13,893	13,423	79	75	45 130	179,092	974,892	5,444	4,974
30	26	98 024	12 006,385	166 166,193	13,840	13,370	80	76	41 562	153,785	795,801	5,175	4,705
31	27	97 938	11 184,954	154 159,808	13,783	13,313	81	77	37 907	130,778	642,016	4,909	4,439
32	28	97 842	10 418,618	142 974,854	13,723	13,253	82	78	34 171	109,920	511,238	4,651	4,181
33	29	97 745	9 704,733	132 556,236	13,659	13,189	83	79	30 418	91,234	401,318	4,399	3,929
34	30	97 642	9 039,201	122 851,503	13,591	13,121	84	80	26 737	74,772	310,084	4,147	3,677
35	31	97 537	8 419,091	113 812,302	13,518	13,048	85	81	23 105	60,246	235,313	3,906	3,436
36	32	97 426	7 841,005	105 393,211	13,441	12,971	86	82	19 614	47,688	175,067	3,671	3,201
37	33	97 306	7 301,332	97 552,206	13,360	12,890	87	83	16 292	36,933	127,379	3,449	2,979
38	34	97 178	6 799,380	90 250,274	13,273	12,803	88	84	13 205	27,911	90,446	3,241	2,771
39	35	97 030	6 330,090	83 450,894	13,183	12,713	89	85	10 433	20,562	62,535	3,041	2,571
40	36	96 880	5 893,061	77 120,804	13,087	12,617	90	86	7 969	14,644	41,973	2,866	2,396
41	37	96 709	5 485,039	71 227,742	12,986	12,516	91	87	5 948	10,191	27,329	2,682	2,212
42	38	96 525	5 104,526	65 742,703	12,879	12,409	92	88	4 244	6,780	17,139	2,528	2,058
43	39	96 324	4 749,540	60 638,177	12,767	12,297	93	89	2 919	4,348	10,359	2,382	1,912
44	40	96 089	4 417,654	55 888,637	12,651	12,181	94	90	1 918	2,664	6,011	2,256	1,787
45	41	95 830	4 107,927	51 470,983	12,530	12,060	95	91	1 210	1,567	3,347	2,136	1,666
46	42	95 541	3 818,688	47 363,056	12,403	11,933	96	92	723	0,874	1,780	2,038	1,568
47	43	95 220	3 548,580	43 544,367	12,271	11,801	97	93	415	0,467	0,906	1,941	1,471
48	44	94 848	3 295,770	39 995,787	12,135	11,666	98	94	226	0,237	0,439	1,853	1,383
49	45	94 437	3 059,683	36 700,017	11,995	11,525	99	95	117	0,114	0,202	1,772	1,303
							100	96	57	0,052	0,088	1,699	1,230

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß   7,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$
0							50	45	94 099	2 842,627	33 794,279	11,888	11,418
1							51	46	93 604	2 636,513	30 951,652	11,740	11,270
2							52	47	93 029	2 443,210	28 315,139	11,589	11,119
3							53	48	92 412	2 262,941	25 871,929	11,433	10,963
4							54	49	91 740	2 094,611	23 608,988	11,271	10,801
5	0	99 535	70 143,638	1 019 056,649	14,528	14,058	55	50	90 984	1 936,929	21 514,377	11,107	10,638
6	1	99 210	65 188,758	948 913,011	14,556	14,086	56	51	90 169	1 789,823	19 577,449	10,938	10,468
7	2	99 174	60 759,594	883 724,253	14,545	14,075	57	52	89 293	1 652,614	17 787,626	10,763	10,293
8	3	99 151	56 639,197	822 964,660	14,530	14,060	58	53	88 332	1 524,306	16 135,011	10,585	10,115
9	4	99 131	52 800,141	766 325,463	14,514	14,044	59	54	87 291	1 404,530	14 610,705	10,403	9,933
10	5	99 112	49 221,167	713 525,322	14,496	14,026	60	55	86 183	1 292,948	13 206,175	10,214	9,744
11	6	99 093	45 885,123	664 304,154	14,478	14,008	61	56	84 985	1 188,791	11 913,227	10,021	9,551
12	7	99 076	42 775,934	618 419,032	14,457	13,987	62	57	83 719	1 091,920	10 724,435	9,822	9,352
13	8	99 056	39 876,459	575 643,098	14,436	13,966	63	58	82 385	1 001,881	9 632,515	9,614	9,145
14	9	99 038	37 173,987	535 766,638	14,412	13,943	64	59	80 984	918,274	8 630,634	9,399	8,929
15	10	99 016	34 653,467	498 592,651	14,388	13,918	65	60	79 466	840,145	7 712,360	9,180	8,710
16	11	98 992	32 302,880	463 939,184	14,362	13,892	66	61	77 847	767,397	6 872,215	8,955	8,485
17	12	98 958	30 109,006	431 636,304	14,336	13,866	67	62	76 119	699,643	6 104,817	8,726	8,256
18	13	98 916	28 061,895	401 527,299	14,309	13,839	68	63	74 287	636,642	5 405,174	8,490	8,020
19	14	98 860	26 149,997	373 465,404	14,282	13,812	69	64	72 373	578,316	4 768,532	8,246	7,776
20	15	98 801	24 367,724	347 315,407	14,253	13,783	70	65	70 337	524,050	4 190,216	7,996	7,526
21	16	98 735	22 705,412	322 947,683	14,223	13,753	71	66	68 199	473,770	3 666,166	7,738	7,268
22	17	98 667	21 155,850	300 242,271	14,192	13,722	72	67	65 930	427,047	3 192,396	7,476	7,006
23	18	98 599	19 712,089	279 086,421	14,158	13,688	73	68	63 557	383,848	2 765,349	7,204	6,734
24	19	98 525	18 365,766	259 374,332	14,123	13,653	74	69	61 061	343,845	2 381,501	6,926	6,456
25	20	98 449	17 111,140	241 008,566	14,085	13,615	75	70	58 366	306,453	2 037,656	6,649	6,179
26	21	98 373	15 942,138	223 897,426	14,044	13,574	76	71	55 529	271,848	1 731,203	6,368	5,898
27	22	98 295	14 852,718	207 955,288	14,001	13,531	77	72	52 533	239,795	1 459,355	6,086	5,616
28	23	98 211	13 836,818	193 102,569	13,956	13,486	78	73	49 352	210,047	1 219,560	5,806	5,336
29	24	98 130	12 890,762	179 265,751	13,907	13,437	79	74	45 985	182,487	1 009,513	5,532	5,062
30	25	98 045	12 009,027	166 374,989	13,854	13,384	80	75	42 474	157,157	827,025	5,262	4,793
31	26	97 961	11 187,601	154 365,962	13,798	13,328	81	76	38 858	134,061	669,868	4,997	4,527
32	27	97 868	10 421,418	143 178,361	13,739	13,269	82	77	35 145	113,054	535,807	4,739	4,269
33	28	97 770	9 707,188	132 756,943	13,676	13,206	83	78	31 426	94,256	422,753	4,485	4,015
34	29	97 670	9 041,795	123 049,755	13,609	13,139	84	79	27 744	77,589	328,496	4,234	3,764
35	30	97 565	8 421,474	114 007,960	13,538	13,068	85	80	24 112	62,872	250,907	3,991	3,521
36	31	97 455	7 843,374	105 586,486	13,462	12,992	86	81	20 595	50,071	188,036	3,755	3,285
37	32	97 340	7 304,521	97 743,111	13,381	12,911	87	82	17 243	39,088	137,965	3,530	3,060
38	33	97 213	6 801,868	90 438,591	13,296	12,826	88	83	14 089	29,779	98,877	3,320	2,851
39	34	97 071	6 332,780	83 636,723	13,207	12,737	89	84	11 247	22,165	69,098	3,117	2,648
40	35	96 918	5 895,406	77 303,943	13,113	12,643	90	85	8 688	15,965	46,934	2,940	2,470
41	36	96 755	5 487,647	71 408,537	13,013	12,543	91	86	6 567	11,251	30,969	2,753	2,283
42	37	96 577	5 107,252	65 920,890	12,907	12,437	92	87	4 759	7,603	19,718	2,593	2,123
43	38	96 378	4 752,186	60 813,638	12,797	12,327	93	88	3 326	4,954	12,114	2,445	1,976
44	39	96 152	4 420,579	56 061,452	12,682	12,212	94	89	2 234	3,103	7,160	2,308	1,838
45	40	95 898	4 110,830	51 640,874	12,562	12,092	95	90	1 432	1,854	4,058	2,189	1,719
46	41	95 618	3 821,751	47 530,043	12,437	11,967	96	91	880	1,062	2,204	2,075	1,605
47	42	95 305	3 551,741	43 708,292	12,306	11,836	97	92	512	0,576	1,141	1,982	1,512
48	43	94 945	3 299,148	40 156,551	12,172	11,702	98	93	285	0,299	0,565	1,890	1,420
49	44	94 544	3 063,123	36 857,402	12,033	11,563	99	94	151	0,147	0,266	1,807	1,337
							100	95	75	0,069	0,119	1,731	1,261

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 7,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$
0							50	44	94 205	2 845,823	33 935,376	11,925	11,455
1							51	45	93 723	2 639,864	31 089,553	11,777	11,307
2							52	46	93 161	2 446,657	28 449,689	11,628	11,158
3							53	47	92 564	2 266,647	26 003,031	11,472	11,002
4							54	48	91 902	2 098,322	23 736,384	11,312	10,842
5							55	49	91 172	1 940,922	21 638,063	11,148	10,678
6	0	99 524	65 394,927	949 405,383	14,518	14,048	56	50	90 368	1 793,775	19 697,140	10,981	10,511
7	1	99 200	60 775,636	884 010,456	14,545	14,076	57	51	89 512	1 656,668	17 903,366	10,807	10,337
8	2	99 165	56 647,634	823 234,819	14,533	14,063	58	52	88 575	1 528,503	16 246,698	10,629	10,159
9	3	99 142	52 806,041	766 587,185	14,517	14,047	59	53	87 555	1 408,766	14 718,195	10,448	9,978
10	4	99 124	49 227,034	713 781,144	14,500	14,030	60	54	86 458	1 297,088	13 309,430	10,261	9,791
11	5	99 103	45 889,761	664 554,110	14,482	14,012	61	55	85 287	1 193,018	12 012,342	10,069	9,599
12	6	99 084	42 779,660	618 664,349	14,462	13,992	62	56	84 036	1 096,054	10 819,323	9,871	9,401
13	7	99 065	39 879,882	575 884,689	14,440	13,971	63	57	82 715	1 005,901	9 723,269	9,666	9,196
14	8	99 045	37 176,725	536 004,807	14,418	13,948	64	58	81 343	922,344	8 717,368	9,451	8,981
15	9	99 023	34 655,858	498 828,082	14,394	13,924	65	59	79 843	844,131	7 795,023	9,234	8,764
16	10	98 999	32 305,173	464 172,224	14,368	13,898	66	60	78 269	771,556	6 950,892	9,009	8,539
17	11	98 966	30 111,414	431 867,052	14,342	13,872	67	61	76 559	703,687	6 179,337	8,781	8,311
18	12	98 924	28 064,154	401 755,638	14,316	13,846	68	62	74 758	640,683	5 475,650	8,547	8,077
19	13	98 869	26 152,339	373 691,484	14,289	13,819	69	63	72 864	582,239	4 834,967	8,304	7,834
20	14	98 812	24 370,366	347 539,145	14,261	13,791	70	64	70 858	527,930	4 252,728	8,055	7,586
21	15	98 748	22 708,268	323 168,779	14,231	13,761	71	65	68 736	477,499	3 724,798	7,801	7,331
22	16	98 682	21 159,106	300 460,511	14,200	13,730	72	66	66 499	430,732	3 247,299	7,539	7,069
23	17	98 614	19 715,253	279 301,405	14,167	13,697	73	67	64 143	387,385	2 816,567	7,271	6,801
24	18	98 547	18 369,962	259 586,152	14,131	13,661	74	68	61 660	347,217	2 429,181	6,996	6,526
25	19	98 469	17 114,675	241 216,190	14,094	13,624	75	69	58 993	309,743	2 081,965	6,722	6,252
26	20	98 395	15 945,678	224 101,515	14,054	13,584	76	70	56 181	275,040	1 772,221	6,444	5,974
27	21	98 316	14 855,828	208 155,837	14,012	13,542	77	71	53 218	242,923	1 497,181	6,163	5,693
28	22	98 233	13 839,923	193 300,010	13,967	13,497	78	72	50 077	213,133	1 254,258	5,885	5,415
29	23	98 152	12 893,709	179 460,087	13,918	13,449	79	73	46 745	185,504	1 041,125	5,612	5,143
30	24	98 065	12 011,455	166 566,377	13,867	13,397	80	74	43 279	160,137	855,622	5,343	4,873
31	25	97 983	11 190,063	154 554,923	13,812	13,342	81	75	39 711	137,001	695,485	5,076	4,607
32	26	97 891	10 423,884	143 364,860	13,753	13,284	82	76	36 027	115,892	558,483	4,819	4,349
33	27	97 796	9 709,796	132 940,975	13,691	13,222	83	77	32 322	96,944	442,591	4,565	4,096
34	28	97 695	9 044,082	123 231,179	13,626	13,156	84	78	28 663	80,159	345,647	4,312	3,842
35	29	97 593	8 423,891	114 187,096	13,555	13,085	85	79	25 020	65,240	265,487	4,069	3,599
36	30	97 483	7 845,595	105 763,205	13,481	13,011	86	80	21 492	52,253	200,247	3,832	3,362
37	31	97 370	7 306,728	97 917,610	13,401	12,931	87	81	18 104	41,041	147,994	3,606	3,136
38	32	97 248	6 804,279	90 610,883	13,317	12,847	88	82	14 911	31,517	106,953	3,394	2,924
39	33	97 106	6 335,097	83 806,603	13,229	12,759	89	83	11 999	23,648	75,436	3,190	2,720
40	34	96 959	5 897,912	77 471,507	13,135	12,666	90	84	9 365	17,210	51,788	3,009	2,539
41	35	96 794	5 489,831	71 573,595	13,037	12,568	91	85	7 159	12,266	34,579	2,819	2,349
42	36	96 623	5 109,680	66 083,765	12,933	12,463	92	86	5 254	8,394	22,313	2,658	2,188
43	37	96 429	4 754,723	60 974,085	12,824	12,354	93	87	3 730	5,556	13,919	2,505	2,035
44	38	96 206	4 423,041	56 219,362	12,711	12,241	94	88	2 545	3,535	8,363	2,366	1,896
45	39	95 961	4 113,552	51 796,321	12,592	12,122	95	89	1 668	2,160	4,828	2,236	1,766
46	40	95 685	3 824,452	47 682,769	12,468	11,998	96	90	1 041	1,257	2,669	2,123	1,653
47	41	95 381	3 554,590	43 858,317	12,339	11,869	97	91	622	0,700	1,412	2,015	1,545
48	42	95 030	3 302,087	40 303,726	12,206	11,736	98	92	352	0,369	0,711	1,928	1,458
49	43	94 641	3 066,263	37 001,639	12,067	11,597	99	93	190	0,186	0,342	1,841	1,371
							100	94	97	0,089	0,156	1,762	1,292

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß   7,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	43	94 301	2 848,740	34 064,632	11,958	11,488
1							51	44	93 828	2 642,832	31 215,892	11,812	11,342
2							52	45	93 279	2 449,767	28 573,060	11,664	11,194
3							53	46	92 694	2 269,846	26 123,293	11,509	11,039
4							54	47	92 053	2 101,758	23 853,447	11,349	10,879
5							55	48	91 333	1 944,361	21 751,689	11,187	10,717
6							56	49	90 555	1 797,473	19 807,328	11,020	10,550
7	0	99 513	60 967,849	884 464,203	14,507	14,037	57	50	89 710	1 660,326	18 009,855	10,847	10,377
8	1	99 192	56 662,591	823 496,354	14,533	14,063	58	51	88 792	1 532,252	16 349,529	10,670	10,200
9	2	99 157	52 813,907	766 833,763	14,520	14,050	59	52	87 796	1 412,644	14 817,278	10,489	10,019
10	3	99 135	49 232,535	714 019,855	14,503	14,033	60	53	86 719	1 300,999	13 404,634	10,303	9,833
11	4	99 115	45 895,231	664 787,320	14,485	14,015	61	54	85 560	1 196,838	12 103,635	10,113	9,643
12	5	99 094	42 783,984	618 892,089	14,466	13,996	62	55	84 335	1 099,952	10 906,797	9,916	9,446
13	6	99 073	39 883,356	576 108,105	14,445	13,975	63	56	83 028	1 009,710	9 806,845	9,713	9,243
14	7	99 054	37 179,916	536 224,750	14,422	13,953	64	57	81 669	926,045	8 797,135	9,500	9,030
15	8	99 030	34 658,410	499 044,834	14,399	13,929	65	58	80 196	847,872	7 871,090	9,283	8,813
16	9	99 005	32 307,401	464 386,424	14,374	13,904	66	59	78 640	775,216	7 023,218	9,060	8,590
17	10	98 973	30 113,551	432 079,022	14,348	13,878	67	60	76 974	707,499	6 248,002	8,831	8,361
18	11	98 932	28 066,398	401 965,472	14,322	13,852	68	61	75 190	644,387	5 540,502	8,598	8,128
19	12	98 877	26 154,445	373 899,073	14,296	13,826	69	62	73 327	585,935	4 896,116	8,356	7,886
20	13	98 820	24 372,549	347 744,629	14,268	13,798	70	63	71 338	531,511	4 310,180	8,109	7,639
21	14	98 758	22 710,730	323 372,079	14,239	13,769	71	64	69 244	481,035	3 778,669	7,855	7,385
22	15	98 694	21 161,768	300 661,350	14,208	13,738	72	65	67 022	434,122	3 297,635	7,596	7,126
23	16	98 630	19 718,287	279 499,582	14,175	13,705	73	66	64 696	390,728	2 863,512	7,329	6,859
24	17	98 563	18 372,910	259 781,295	14,139	13,669	74	67	62 228	350,417	2 472,785	7,057	6,587
25	18	98 492	17 118,585	241 408,385	14,102	13,632	75	68	59 571	312,781	2 122,368	6,785	6,316
26	19	98 415	15 948,972	224 289,800	14,063	13,593	76	69	56 784	277,993	1 809,587	6,509	6,040
27	20	98 338	14 859,126	208 340,828	14,021	13,551	77	70	53 843	245,775	1 531,594	6,232	5,762
28	21	98 254	13 842,820	193 481,702	13,977	13,507	78	71	50 730	215,913	1 285,820	5,955	5,485
29	22	98 174	12 896,603	179 638,882	13,929	13,459	79	72	47 432	188,229	1 069,906	5,684	5,214
30	23	98 088	12 014,201	166 742,279	13,879	13,409	80	73	43 994	162,784	881,677	5,416	4,946
31	24	98 002	11 192,325	154 728,078	13,824	13,355	81	74	40 463	139,599	718,893	5,150	4,680
32	25	97 913	10 426,178	143 535,753	13,767	13,297	82	75	36 818	118,434	579,294	4,891	4,421
33	26	97 819	9 712,095	133 109,575	13,706	13,236	83	76	33 133	99,378	460,861	4,637	4,168
34	27	97 721	9 046,513	123 397,480	13,640	13,170	84	77	29 481	82,445	361,482	4,385	3,915
35	28	97 618	8 426,022	114 350,967	13,571	13,101	85	78	25 849	67,402	279,037	4,140	3,670
36	29	97 511	7 847,846	105 924,945	13,497	13,027	86	79	22 302	54,222	211,636	3,903	3,433
37	30	97 397	7 308,796	98 077,099	13,419	12,949	87	80	18 894	42,830	157,414	3,675	3,205
38	31	97 277	6 806,335	90 768,302	13,336	12,866	88	81	15 656	33,091	114,584	3,463	2,993
39	32	97 141	6 337,343	83 961,967	13,249	12,779	89	82	12 699	25,028	81,492	3,256	2,786
40	33	96 995	5 900,069	77 624,624	13,157	12,687	90	83	9 992	18,361	56,465	3,075	2,605
41	34	96 835	5 492,164	71 724,555	13,059	12,590	91	84	7 717	13,222	38,104	2,882	2,412
42	35	96 661	5 111,713	66 232,392	12,957	12,487	92	85	5 729	9,152	24,881	2,719	2,249
43	36	96 475	4 756,984	61 120,679	12,849	12,379	93	86	4 118	6,133	15,730	2,565	2,095
44	37	96 257	4 425,403	56 363,695	12,736	12,267	94	87	2 854	3,964	9,596	2,421	1,951
45	38	96 015	4 115,843	51 938,292	12,619	12,149	95	88	1 900	2,460	5,632	2,289	1,819
46	39	95 749	3 826,984	47 822,449	12,496	12,026	96	89	1 212	1,464	3,172	2,166	1,696
47	40	95 449	3 557,102	43 995,465	12,368	11,898	97	90	736	0,829	1,708	2,060	1,590
48	41	95 106	3 304,736	40 438,363	12,236	11,767	98	91	427	0,449	0,879	1,959	1,489
49	42	94 725	3 068,994	37 133,627	12,100	11,630	99	92	234	0,229	0,430	1,876	1,406
							100	93	123	0,112	0,201	1,794	1,324

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß   7,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	42	94 385	2 851,278	34 182,870	11,989	11,519
1							51	43	93 924	2 645,541	31 331,592	11,843	11,373
2							52	44	93 384	2 452,521	28 686,051	11,697	11,227
3							53	45	92 812	2 272,730	26 233,529	11,543	11,073
4							54	46	92 183	2 104,724	23 960,799	11,384	10,914
5							55	47	91 483	1 947,545	21 856,075	11,222	10,752
6							56	48	90 715	1 800,657	19 908,530	11,056	10,586
7							57	49	89 895	1 663,749	18 107,872	10,884	10,414
8	0	99 505	56 841,795	823 914,502	14,495	14,025	58	50	88 988	1 535,635	16 444,123	10,708	10,238
9	1	99 183	52 827,852	767 072,707	14,520	14,050	59	51	88 011	1 416,109	14 908,489	10,528	10,058
10	2	99 149	49 239,869	714 244,855	14,505	14,036	60	52	86 958	1 304,581	13 492,380	10,342	9,872
11	3	99 126	45 900,359	665 004,986	14,488	14,018	61	53	85 818	1 200,447	12 187,799	10,153	9,683
12	4	99 106	42 789,084	619 104,626	14,469	13,999	62	54	84 605	1 103,473	10 987,352	9,957	9,487
13	5	99 083	39 887,387	576 315,543	14,449	13,979	63	55	83 324	1 013,301	9 883,879	9,754	9,284
14	6	99 062	37 183,154	536 428,155	14,427	13,957	64	56	81 979	929,552	8 870,578	9,543	9,073
15	7	99 039	34 661,385	499 245,001	14,403	13,934	65	57	80 518	851,274	7 941,027	9,328	8,859
16	8	99 013	32 309,781	464 583,616	14,379	13,909	66	58	78 989	778,652	7 089,752	9,105	8,635
17	9	98 980	30 115,628	432 273,836	14,354	13,884	67	59	77 339	710,856	6 311,101	8,878	8,408
18	10	98 939	28 068,390	402 158,207	14,328	13,858	68	60	75 598	647,878	5 600,244	8,644	8,174
19	11	98 885	26 156,536	374 089,817	14,302	13,832	69	61	73 751	589,322	4 952,366	8,404	7,934
20	12	98 828	24 374,511	347 933,281	14,274	13,805	70	62	71 791	534,885	4 363,045	8,157	7,687
21	13	98 767	22 712,764	323 558,769	14,246	13,776	71	63	69 714	484,298	3 828,160	7,905	7,435
22	14	98 705	21 164,062	300 846,005	14,215	13,745	72	64	67 518	437,337	3 343,862	7,646	7,176
23	15	98 642	19 720,768	279 681,943	14,182	13,712	73	65	65 205	393,803	2 906,525	7,381	6,911
24	16	98 578	18 375,737	259 961,176	14,147	13,677	74	66	62 765	353,440	2 512,722	7,109	6,639
25	17	98 508	17 121,333	241 585,438	14,110	13,640	75	67	60 120	315,663	2 159,282	6,840	6,371
26	18	98 438	15 952,616	224 464,105	14,071	13,601	76	68	57 341	280,719	1 843,619	6,567	6,098
27	19	98 358	14 862,196	208 511,490	14,030	13,560	77	69	54 421	248,413	1 562,900	6,292	5,822
28	20	98 276	13 845,894	193 649,294	13,986	13,516	78	70	51 326	218,448	1 314,486	6,017	5,547
29	21	98 195	12 899,302	179 803,400	13,939	13,469	79	71	48 051	190,684	1 096,038	5,748	5,278
30	22	98 110	12 016,897	166 904,098	13,889	13,419	80	72	44 641	165,176	905,354	5,481	5,011
31	23	98 025	11 194,884	154 887,201	13,836	13,366	81	73	41 132	141,906	740,178	5,216	4,746
32	24	97 932	10 428,286	143 692,317	13,779	13,309	82	74	37 516	120,679	598,272	4,958	4,488
33	25	97 841	9 714,232	133 264,031	13,718	13,249	83	75	33 860	101,557	477,592	4,703	4,233
34	26	97 744	9 048,654	123 549,799	13,654	13,184	84	76	30 221	84,515	376,035	4,449	3,979
35	27	97 644	8 428,286	114 501,145	13,585	13,115	85	77	26 586	69,324	291,520	4,205	3,735
36	28	97 536	7 849,831	106 072,859	13,513	13,043	86	78	23 041	56,018	222,196	3,966	3,497
37	29	97 425	7 310,894	98 223,027	13,435	12,965	87	79	19 605	44,444	166,178	3,739	3,269
38	30	97 305	6 808,262	90 912,133	13,353	12,883	88	80	16 338	34,534	121,734	3,525	3,055
39	31	97 170	6 339,258	84 103,871	13,267	12,797	89	81	13 334	26,278	87,201	3,318	2,848
40	32	97 029	5 902,161	77 764,614	13,176	12,706	90	82	10 575	19,433	60,922	3,135	2,665
41	33	96 871	5 494,172	71 862,453	13,080	12,610	91	83	8 233	14,107	41,490	2,941	2,471
42	34	96 702	5 113,885	66 368,280	12,978	12,508	92	84	6 175	9,865	27,383	2,776	2,306
43	35	96 514	4 758,877	61 254,395	12,872	12,402	93	85	4 489	6,687	17,518	2,620	2,150
44	36	96 303	4 427,507	56 495,518	12,760	12,290	94	86	3 151	4,377	10,831	2,475	2,005
45	37	96 066	4 118,041	52 068,012	12,644	12,174	95	87	2 131	2,759	6,454	2,339	1,869
46	38	95 802	3 829,116	47 949,971	12,522	12,053	96	88	1 381	1,668	3,695	2,215	1,745
47	39	95 512	3 559,457	44 120,855	12,395	11,925	97	89	858	0,965	2,027	2,100	1,630
48	40	95 173	3 307,072	40 561,398	12,265	11,795	98	90	506	0,531	1,062	2,000	1,530
49	41	94 801	3 071,456	37 254,326	12,129	11,659	99	91	285	0,279	0,531	1,904	1,434
							100	92	151	0,138	0,252	1,826	1,356

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 7,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	41	94 461	2 853,565	34 290,965	12,017	11,547
1							51	42	94 008	2 647,898	31 437,400	11,873	11,403
2							52	43	93 480	2 455,035	28 789,502	11,727	11,257
3							53	44	92 917	2 275,286	26 334,467	11,574	11,104
4							54	45	92 300	2 107,399	24 059,181	11,417	10,947
5							55	46	91 612	1 950,293	21 951,782	11,256	10,786
6							56	47	90 864	1 803,607	20 001,489	11,090	10,620
7							57	48	90 054	1 666,697	18 197,882	10,919	10,449
8							58	49	89 171	1 538,801	16 531,186	10,743	10,273
9	0	99 497	52 994,928	767 458,053	14,482	14,012	59	50	88 205	1 419,235	14 992,385	10,564	10,094
10	1	99 176	49 252,870	714 463,125	14,506	14,036	60	51	87 171	1 307,781	13 573,149	10,379	9,909
11	2	99 140	45 907,197	665 210,255	14,490	14,020	61	52	86 054	1 203,752	12 265,369	10,189	9,719
12	3	99 117	42 793,865	619 303,058	14,472	14,002	62	53	84 860	1 106,801	11 061,617	9,994	9,524
13	4	99 095	39 892,142	576 509,193	14,452	13,982	63	54	83 590	1 016,545	9 954,816	9,793	9,323
14	5	99 072	37 186,913	536 617,051	14,430	13,960	64	55	82 270	932,857	8 938,272	9,582	9,112
15	6	99 047	34 664,404	499 430,138	14,408	13,938	65	56	80 823	854,498	8 005,415	9,369	8,899
16	7	99 021	32 312,554	464 765,734	14,383	13,914	66	57	79 306	781,776	7 150,917	9,147	8,677
17	8	98 987	30 117,846	432 453,180	14,359	13,889	67	58	77 682	714,007	6 369,141	8,920	8,450
18	9	98 946	28 070,327	402 335,334	14,333	13,863	68	59	75 957	650,952	5 655,134	8,687	8,218
19	10	98 892	26 158,393	374 265,007	14,308	13,838	69	60	74 150	592,515	5 004,182	8,446	7,976
20	11	98 836	24 376,461	348 106,614	14,280	13,811	70	61	72 206	537,976	4 411,667	8,200	7,731
21	12	98 775	22 714,593	323 730,154	14,252	13,782	71	62	70 157	487,372	3 873,691	7,948	7,478
22	13	98 714	21 165,958	301 015,561	14,222	13,752	72	63	67 976	440,303	3 386,319	7,691	7,221
23	14	98 653	19 722,905	279 849,603	14,189	13,719	73	64	65 688	396,719	2 946,016	7,426	6,956
24	15	98 590	18 378,049	260 126,698	14,154	13,684	74	65	63 259	356,222	2 549,297	7,156	6,687
25	16	98 523	17 123,967	241 748,649	14,118	13,648	75	66	60 639	318,387	2 193,074	6,888	6,418
26	17	98 454	15 955,176	224 624,681	14,078	13,609	76	67	57 870	283,306	1 874,687	6,617	6,147
27	18	98 381	14 865,591	208 669,505	14,037	13,567	77	68	54 955	250,849	1 591,381	6,344	5,874
28	19	98 296	13 848,754	193 803,914	13,994	13,524	78	69	51 877	220,794	1 340,532	6,071	5,602
29	20	98 216	12 902,166	179 955,160	13,948	13,478	79	70	48 615	192,923	1 119,738	5,804	5,334
30	21	98 130	12 019,412	167 052,993	13,899	13,429	80	71	45 223	167,330	926,815	5,539	5,069
31	22	98 047	11 197,396	155 033,581	13,846	13,376	81	72	41 737	143,991	759,485	5,275	4,805
32	23	97 955	10 430,670	143 836,185	13,790	13,320	82	73	38 136	122,674	615,494	5,017	4,547
33	24	97 860	9 716,196	133 405,515	13,730	13,260	83	74	34 502	103,483	492,820	4,762	4,292
34	25	97 766	9 050,645	123 689,319	13,666	13,196	84	75	30 884	86,368	389,337	4,508	4,038
35	26	97 667	8 430,281	114 638,674	13,598	13,129	85	76	27 253	71,064	302,969	4,263	3,793
36	27	97 562	7 851,941	106 208,392	13,526	13,056	86	77	23 698	57,616	231,904	4,025	3,555
37	28	97 450	7 312,743	98 356,451	13,450	12,980	87	78	20 255	45,916	174,289	3,796	3,326
38	29	97 333	6 810,216	91 043,708	13,369	12,899	88	79	16 954	35,835	128,373	3,582	3,112
39	30	97 198	6 341,052	84 233,492	13,284	12,814	89	80	13 915	27,424	92,538	3,374	2,904
40	31	97 059	5 903,944	77 892,440	13,193	12,723	90	81	11 104	20,404	65,114	3,191	2,721
41	32	96 905	5 496,121	71 988,496	13,098	12,628	91	82	8 714	14,930	44,711	2,995	2,525
42	33	96 738	5 115,756	66 492,375	12,998	12,528	92	83	6 588	10,525	29,781	2,830	2,360
43	34	96 555	4 760,899	61 376,619	12,892	12,422	93	84	4 839	7,208	19,256	2,671	2,202
44	35	96 341	4 429,269	56 615,720	12,782	12,312	94	85	3 436	4,772	12,048	2,525	2,055
45	36	96 112	4 119,999	52 186,452	12,667	12,197	95	86	2 352	3,046	7,276	2,388	1,919
46	37	95 853	3 831,160	48 066,453	12,546	12,076	96	87	1 549	1,871	4,230	2,261	1,791
47	38	95 565	3 561,440	44 235,293	12,421	11,951	97	88	977	1,100	2,359	2,145	1,675
48	39	95 236	3 309,261	40 673,853	12,291	11,821	98	89	589	0,618	1,259	2,036	1,566
49	40	94 868	3 073,627	37 364,592	12,157	11,687	99	90	337	0,330	0,641	1,942	1,472
							100	91	184	0,168	0,311	1,852	1,382

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß 7,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	40	94 528	2 855,582	34 389,692	12,043	11,573
1							51	41	94 083	2 650,022	31 534,110	11,900	11,430
2							52	42	93 563	2 457,222	28 884,088	11,755	11,285
3							53	43	93 012	2 277,618	26 426,866	11,603	11,133
4							54	44	92 404	2 109,768	24 149,248	11,446	10,976
5							55	45	91 728	1 952,772	22 039,480	11,286	10,816
6							56	46	90 992	1 806,152	20 086,708	11,121	10,651
7							57	47	90 201	1 669,426	18 280,556	10,950	10,480
8							58	48	89 329	1 541,527	16 611,130	10,776	10,306
9							59	49	88 387	1 422,162	15 069,603	10,596	10,126
10	0	99 489	49 408,640	714 818,254	14,467	13,998	60	50	87 364	1 310,668	13 647,441	10,413	9,943
11	1	99 167	45 919,318	665 409,614	14,491	14,021	61	51	86 265	1 206,704	12 336,773	10,224	9,754
12	2	99 132	42 800,240	619 490,296	14,474	14,004	62	52	85 093	1 109,848	11 130,069	10,028	9,559
13	3	99 106	39 896,599	576 690,056	14,455	13,985	63	53	83 842	1 019,610	10 020,221	9,828	9,358
14	4	99 084	37 191,345	536 793,457	14,433	13,963	64	54	82 534	935,843	9 000,611	9,618	9,148
15	5	99 057	34 667,908	499 602,112	14,411	13,941	65	55	81 110	857,536	8 064,768	9,405	8,935
16	6	99 030	32 315,368	464 934,204	14,387	13,918	66	56	79 606	784,736	7 207,232	9,184	8,714
17	7	98 995	30 120,431	432 618,835	14,363	13,893	67	57	77 994	716,872	6 422,495	8,959	8,489
18	8	98 953	28 072,394	402 498,404	14,338	13,868	68	58	76 293	653,837	5 705,624	8,726	8,256
19	9	98 899	26 160,197	374 426,010	14,313	13,843	69	59	74 502	595,326	5 051,787	8,486	8,016
20	10	98 843	24 378,191	348 265,812	14,286	13,816	70	60	72 597	540,891	4 456,461	8,239	7,769
21	11	98 783	22 716,409	323 887,621	14,258	13,788	71	61	70 562	490,189	3 915,569	7,988	7,518
22	12	98 722	21 167,662	301 171,212	14,228	13,758	72	62	68 408	443,098	3 425,380	7,731	7,261
23	13	98 661	19 724,672	280 003,550	14,196	13,726	73	63	66 134	399,410	2 982,282	7,467	6,997
24	14	98 601	18 380,041	260 278,878	14,161	13,691	74	64	63 727	358,860	2 582,872	7,197	6,728
25	15	98 535	17 126,122	241 898,837	14,125	13,655	75	65	61 116	320,893	2 224,012	6,931	6,461
26	16	98 469	15 957,631	224 772,715	14,086	13,616	76	66	58 369	285,750	1 903,119	6,660	6,190
27	17	98 396	14 867,977	208 815,083	14,045	13,575	77	67	55 461	253,161	1 617,369	6,389	5,919
28	18	98 318	13 851,918	193 947,106	14,001	13,532	78	68	52 386	222,959	1 364,208	6,119	5,649
29	19	98 237	12 904,832	180 095,188	13,956	13,486	79	69	49 137	194,994	1 141,249	5,853	5,383
30	20	98 152	12 022,081	167 190,356	13,907	13,437	80	70	45 754	169,295	946,255	5,589	5,119
31	21	98 067	11 199,740	155 168,275	13,855	13,385	81	71	42 281	145,869	776,960	5,326	4,857
32	22	97 977	10 433,011	143 968,535	13,799	13,329	82	72	38 696	124,476	631,090	5,070	4,600
33	23	97 883	9 718,417	133 535,524	13,740	13,271	83	73	35 072	105,193	506,614	4,816	4,346
34	24	97 786	9 052,475	123 817,107	13,678	13,208	84	74	31 469	88,006	401,420	4,561	4,091
35	25	97 688	8 432,136	114 764,632	13,610	13,140	85	75	27 851	72,623	313,415	4,316	3,846
36	26	97 585	7 853,800	106 332,496	13,539	13,069	86	76	24 293	59,062	240,792	4,077	3,607
37	27	97 476	7 314,708	98 478,696	13,463	12,993	87	77	20 832	47,225	181,730	3,848	3,378
38	28	97 357	6 811,939	91 163,988	13,383	12,913	88	78	17 515	37,022	134,505	3,633	3,163
39	29	97 226	6 342,872	84 352,050	13,299	12,829	89	79	14 439	28,457	97,483	3,426	2,956
40	30	97 086	5 905,616	78 009,177	13,209	12,739	90	80	11 588	21,293	69,026	3,242	2,772
41	31	96 934	5 497,781	72 103,562	13,115	12,645	91	81	9 149	15,676	47,733	3,045	2,575
42	32	96 772	5 117,570	66 605,781	13,015	12,545	92	82	6 973	11,139	32,057	2,878	2,408
43	33	96 590	4 762,640	61 488,211	12,911	12,441	93	83	5 163	7,690	20,917	2,720	2,250
44	34	96 382	4 431,151	56 725,570	12,802	12,332	94	84	3 704	5,144	13,227	2,572	2,102
45	35	96 150	4 121,638	52 294,420	12,688	12,218	95	85	2 565	3,321	8,083	2,434	1,964
46	36	95 899	3 832,982	48 172,781	12,568	12,098	96	86	1 710	2,065	4,762	2,306	1,836
47	37	95 616	3 563,342	44 339,800	12,443	11,973	97	87	1 096	1,233	2,697	2,187	1,717
48	38	95 289	3 311,104	40 776,458	12,315	11,845	98	88	671	0,705	1,464	2,077	1,608
49	39	94 931	3 075,662	37 465,354	12,181	11,711	99	89	393	0,384	0,759	1,975	1,506
							100	90	218	0,199	0,375	1,887	1,417

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß   7,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$\ddot{a}^{(12)}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$\ddot{a}^{(12)}_{xy}$
0							50	39	94 590	2 857,472	34 479,895	12,067	11,597
1							51	40	94 150	2 651,895	31 622,423	11,924	11,455
2							52	41	93 638	2 459,193	28 970,528	11,781	11,311
3							53	42	93 095	2 279,647	26 511,335	11,630	11,160
4							54	43	92 498	2 111,931	24 231,688	11,474	11,004
5							55	44	91 831	1 954,968	22 119,757	11,315	10,845
6							56	45	91 108	1 808,447	20 164,789	11,150	10,680
7							57	46	90 329	1 671,782	18 356,342	10,980	10,510
8							58	47	89 476	1 544,052	16 684,560	10,806	10,336
9							59	48	88 544	1 424,681	15 140,509	10,627	10,157
10							60	49	87 544	1 313,371	13 715,828	10,443	9,973
11	0	99 480	46 064,545	665 736,910	14,452	13,982	61	50	86 456	1 209,369	12 402,457	10,255	9,785
12	1	99 158	42 811,541	619 672,366	14,474	14,005	62	51	85 302	1 112,570	11 193,088	10,061	9,591
13	2	99 121	39 902,543	576 860,825	14,457	13,987	63	52	84 073	1 022,417	10 080,518	9,859	9,390
14	3	99 095	37 195,501	536 958,282	14,436	13,966	64	53	82 782	938,666	9 058,101	9,650	9,180
15	4	99 069	34 672,040	499 762,781	14,414	13,944	65	54	81 370	860,281	8 119,436	9,438	8,968
16	5	99 040	32 318,635	465 090,741	14,391	13,921	66	55	79 889	787,527	7 259,155	9,218	8,748
17	6	99 004	30 123,055	432 772,106	14,367	13,897	67	56	78 289	719,586	6 471,628	8,994	8,524
18	7	98 962	28 074,804	402 649,051	14,342	13,872	68	57	76 599	656,460	5 752,042	8,762	8,292
19	8	98 906	26 162,124	374 574,247	14,317	13,848	69	58	74 832	597,965	5 095,581	8,522	8,052
20	9	98 850	24 379,873	348 412,123	14,291	13,821	70	59	72 942	543,458	4 497,617	8,276	7,806
21	10	98 790	22 718,022	324 032,251	14,263	13,793	71	60	70 945	492,845	3 954,159	8,023	7,553
22	11	98 730	21 169,355	301 314,229	14,234	13,764	72	61	68 803	445,659	3 461,314	7,767	7,297
23	12	98 669	19 726,260	280 144,874	14,202	13,732	73	62	66 553	401,945	3 015,655	7,503	7,033
24	13	98 610	18 381,688	260 418,614	14,167	13,697	74	63	64 160	361,294	2 613,709	7,234	6,764
25	14	98 546	17 127,978	242 036,926	14,131	13,661	75	64	61 569	323,269	2 252,415	6,968	6,498
26	15	98 481	15 959,639	224 908,948	14,092	13,622	76	65	58 828	288,000	1 929,146	6,698	6,229
27	16	98 411	14 870,265	208 949,309	14,051	13,582	77	66	55 940	255,346	1 641,147	6,427	5,957
28	17	98 334	13 854,141	194 079,044	14,009	13,539	78	67	52 869	225,014	1 385,801	6,159	5,689
29	18	98 259	12 907,780	180 224,903	13,963	13,493	79	68	49 619	196,906	1 160,788	5,895	5,425
30	19	98 172	12 024,565	167 317,122	13,915	13,445	80	69	46 245	171,112	963,881	5,633	5,163
31	20	98 089	11 202,227	155 292,558	13,863	13,393	81	70	42 777	147,582	792,769	5,372	4,902
32	21	97 997	10 435,195	144 090,331	13,808	13,338	82	71	39 201	126,100	645,187	5,116	4,647
33	22	97 905	9 720,598	133 655,136	13,750	13,280	83	72	35 588	106,739	519,087	4,863	4,393
34	23	97 808	9 054,545	123 934,538	13,688	13,218	84	73	31 989	89,461	412,348	4,609	4,139
35	24	97 708	8 433,841	114 879,994	13,621	13,151	85	74	28 379	74,000	322,887	4,363	3,893
36	25	97 606	7 855,528	106 446,153	13,550	13,081	86	75	24 825	60,357	248,888	4,124	3,654
37	26	97 499	7 316,440	98 590,625	13,475	13,005	87	76	21 355	48,411	188,530	3,894	3,424
38	27	97 383	6 813,769	91 274,185	13,396	12,926	88	77	18 015	38,078	140,119	3,680	3,210
39	28	97 250	6 344,477	84 460,416	13,312	12,843	89	78	14 918	29,400	102,042	3,471	3,001
40	29	97 114	5 907,311	78 115,940	13,224	12,754	90	79	12 024	22,095	72,642	3,288	2,818
41	30	96 962	5 499,338	72 208,629	13,130	12,661	91	80	9 548	16,359	50,547	3,090	2,620
42	31	96 801	5 119,116	66 709,291	13,031	12,562	92	81	7 321	11,696	34,188	2,923	2,453
43	32	96 624	4 764,329	61 590,175	12,927	12,457	93	82	5 464	8,139	22,492	2,763	2,294
44	33	96 418	4 432,772	56 825,846	12,819	12,350	94	83	3 951	5,488	14,353	2,615	2,145
45	34	96 191	4 123,390	52 393,075	12,706	12,236	95	84	2 765	3,580	8,865	2,476	2,006
46	35	95 937	3 834,507	48 269,685	12,588	12,118	96	85	1 865	2,251	5,285	2,347	1,877
47	36	95 661	3 565,036	44 435,178	12,464	11,994	97	86	1 210	1,362	3,033	2,228	1,758
48	37	95 340	3 312,872	40 870,142	12,337	11,867	98	87	753	0,790	1,672	2,116	1,646
49	38	94 983	3 077,375	37 557,270	12,204	11,734	99	88	447	0,438	0,881	2,013	1,543
							100	89	254	0,231	0,444	1,917	1,448

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß   7,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	38	94 643	2 859,064	34 562,164	12,089	11,619
1							51	39	94 212	2 653,650	31 703,100	11,947	11,477
2							52	40	93 704	2 460,931	29 049,450	11,804	11,334
3							53	41	93 169	2 281,475	26 588,519	11,654	11,184
4							54	42	92 581	2 113,812	24 307,043	11,499	11,029
5							55	43	91 926	1 956,972	22 193,231	11,341	10,871
6							56	44	91 210	1 810,480	20 236,259	11,177	10,707
7							57	45	90 443	1 673,907	18 425,779	11,008	10,538
8							58	46	89 602	1 546,231	16 751,872	10,834	10,364
9							59	47	88 689	1 427,014	15 205,642	10,656	10,186
10							60	48	87 699	1 315,697	13 778,627	10,472	10,003
11							61	49	86 634	1 211,862	12 462,930	10,284	9,814
12	0	99 472	42 946,939	619 974,030	14,436	13,966	62	50	85 490	1 115,026	11 251,068	10,090	9,621
13	1	99 147	39 913,078	577 027,091	14,457	13,987	63	51	84 280	1 024,925	10 136,041	9,890	9,420
14	2	99 110	37 201,042	537 114,013	14,438	13,968	64	52	83 010	941,250	9 111,117	9,680	9,210
15	3	99 080	34 675,915	499 912,971	14,417	13,947	65	53	81 616	862,876	8 169,867	9,468	8,998
16	4	99 052	32 322,487	465 237,056	14,394	13,924	66	54	80 145	790,048	7 306,991	9,249	8,779
17	5	99 014	30 126,100	432 914,569	14,370	13,900	67	55	78 568	722,145	6 516,943	9,024	8,555
18	6	98 971	28 077,249	402 788,469	14,346	13,876	68	56	76 889	658,946	5 794,799	8,794	8,324
19	7	98 914	26 164,370	374 711,220	14,321	13,852	69	57	75 133	600,364	5 135,853	8,555	8,085
20	8	98 857	24 381,668	348 546,851	14,295	13,826	70	58	73 265	545,866	4 535,489	8,309	7,839
21	9	98 797	22 719,589	324 165,183	14,268	13,798	71	59	71 281	495,183	3 989,622	8,057	7,587
22	10	98 737	21 170,857	301 445,594	14,239	13,769	72	60	69 176	448,074	3 494,439	7,799	7,329
23	11	98 677	19 727,838	280 274,736	14,207	13,737	73	61	66 938	404,269	3 046,365	7,535	7,066
24	12	98 618	18 383,168	260 546,899	14,173	13,703	74	62	64 567	363,587	2 642,096	7,267	6,797
25	13	98 555	17 129,513	242 163,731	14,137	13,667	75	63	61 987	325,462	2 278,509	7,001	6,531
26	14	98 492	15 961,369	225 034,218	14,099	13,629	76	64	59 264	290,132	1 953,047	6,732	6,262
27	15	98 424	14 872,136	209 072,849	14,058	13,588	77	65	56 380	257,356	1 662,915	6,462	5,992
28	16	98 349	13 856,273	194 200,713	14,015	13,545	78	66	53 325	226,955	1 405,560	6,193	5,723
29	17	98 275	12 909,852	180 344,440	13,970	13,500	79	67	50 076	198,721	1 178,605	5,931	5,461
30	18	98 195	12 027,312	167 434,588	13,921	13,451	80	68	46 699	172,790	979,884	5,671	5,201
31	19	98 109	11 204,541	155 407,276	13,870	13,400	81	69	43 237	149,166	807,093	5,411	4,941
32	20	98 019	10 437,512	144 202,735	13,816	13,346	82	70	39 661	127,581	657,927	5,157	4,687
33	21	97 925	9 722,633	133 765,223	13,758	13,288	83	71	36 052	108,131	530,346	4,905	4,435
34	22	97 830	9 056,576	124 042,591	13,696	13,227	84	72	32 459	90,775	422,215	4,651	4,181
35	23	97 731	8 435,769	114 986,014	13,631	13,161	85	73	28 848	75,223	331,440	4,406	3,936
36	24	97 626	7 857,116	106 550,245	13,561	13,091	86	74	25 296	61,502	256,217	4,166	3,696
37	25	97 520	7 318,050	98 693,129	13,486	13,016	87	75	21 824	49,473	194,716	3,936	3,466
38	26	97 406	6 815,382	91 375,080	13,407	12,937	88	76	18 467	39,034	145,243	3,721	3,251
39	27	97 276	6 346,181	84 559,697	13,325	12,855	89	77	15 343	30,238	106,209	3,512	3,043
40	28	97 139	5 908,805	78 213,516	13,237	12,767	90	78	12 423	22,827	75,971	3,328	2,858
41	29	96 989	5 500,916	72 304,711	13,144	12,674	91	79	9 908	16,976	53,144	3,131	2,661
42	30	96 829	5 120,565	66 803,795	13,046	12,576	92	80	7 640	12,206	36,168	2,963	2,493
43	31	96 653	4 765,769	61 683,230	12,943	12,473	93	81	5 737	8,546	23,963	2,804	2,334
44	32	96 452	4 434,343	56 917,462	12,836	12,366	94	82	4 182	5,808	15,417	2,654	2,185
45	33	96 226	4 124,898	52 483,118	12,723	12,254	95	83	2 950	3,820	9,609	2,516	2,046
46	34	95 978	3 836,137	48 358,220	12,606	12,136	96	84	2 010	2,427	5,789	2,386	1,916
47	35	95 700	3 566,454	44 522,084	12,484	12,014	97	85	1 319	1,485	3,363	2,265	1,795
48	36	95 385	3 314,447	40 955,629	12,357	11,887	98	86	831	0,872	1,878	2,153	1,683
49	37	95 034	3 079,018	37 641,182	12,225	11,755	99	87	502	0,491	1,006	2,048	1,578
							100	88	289	0,264	0,515	1,952	1,482

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß   7,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	37	94 694	2 860,591	34 637,260	12,108	11,639
1							51	38	94 264	2 655,129	31 776,669	11,968	11,498
2							52	39	93 766	2 462,560	29 121,541	11,826	11,356
3							53	40	93 235	2 283,088	26 658,980	11,677	11,207
4							54	41	92 655	2 115,508	24 375,893	11,522	11,053
5							55	42	92 007	1 958,715	22 260,384	11,365	10,895
6							56	43	91 304	1 812,336	20 301,670	11,202	10,732
7							57	44	90 545	1 675,789	18 489,333	11,033	10,563
8							58	45	89 716	1 548,196	16 813,545	10,860	10,390
9							59	46	88 814	1 429,028	15 265,349	10,682	10,212
10							60	47	87 843	1 317,852	13 836,321	10,499	10,029
11							61	48	86 788	1 214,009	12 518,469	10,312	9,842
12							62	49	85 667	1 117,325	11 304,460	10,117	9,648
13	0	99 461	40 039,310	577 305,147	14,418	13,949	63	50	84 466	1 027,188	10 187,135	9,918	9,448
14	1	99 136	37 210,864	537 265,838	14,438	13,969	64	51	83 214	943,558	9 159,947	9,708	9,238
15	2	99 095	34 681,080	500 054,974	14,419	13,949	65	52	81 840	865,251	8 216,389	9,496	9,026
16	3	99 063	32 326,099	465 373,893	14,396	13,926	66	53	80 386	792,430	7 351,137	9,277	8,807
17	4	99 026	30 129,691	433 047,794	14,373	13,903	67	54	78 819	724,457	6 558,707	9,053	8,583
18	5	98 981	28 080,087	402 918,104	14,349	13,879	68	55	77 163	661,289	5 834,250	8,823	8,353
19	6	98 923	26 166,649	374 838,016	14,325	13,855	69	56	75 417	602,637	5 172,961	8,584	8,114
20	7	98 866	24 383,761	348 671,368	14,299	13,829	70	57	73 559	548,057	4 570,324	8,339	7,869
21	8	98 804	22 721,262	324 287,607	14,272	13,803	71	58	71 597	497,378	4 022,267	8,087	7,617
22	9	98 744	21 172,318	301 566,345	14,243	13,774	72	59	69 504	450,200	3 524,889	7,830	7,360
23	10	98 684	19 729,238	280 394,027	14,212	13,742	73	60	67 301	406,459	3 074,690	7,565	7,095
24	11	98 626	18 384,638	260 664,789	14,178	13,709	74	61	64 940	365,689	2 668,230	7,296	6,827
25	12	98 563	17 130,892	242 280,151	14,143	13,673	75	62	62 380	327,528	2 302,542	7,030	6,560
26	13	98 501	15 962,799	225 149,259	14,105	13,635	76	63	59 666	292,100	1 975,014	6,761	6,292
27	14	98 435	14 873,748	209 186,460	14,064	13,594	77	64	56 798	259,261	1 682,914	6,491	6,021
28	15	98 362	13 858,016	194 312,712	14,022	13,552	78	65	53 745	228,741	1 423,653	6,224	5,754
29	16	98 290	12 911,838	180 454,696	13,976	13,506	79	66	50 508	200,436	1 194,911	5,962	5,492
30	17	98 210	12 029,242	167 542,857	13,928	13,458	80	67	47 129	174,383	994,476	5,703	5,233
31	18	98 132	11 207,101	155 513,615	13,876	13,406	81	68	43 661	150,629	820,093	5,444	4,975
32	19	98 039	10 439,668	144 306,514	13,823	13,353	82	69	40 087	128,950	669,464	5,192	4,722
33	20	97 947	9 724,792	133 866,846	13,766	13,296	83	70	36 475	109,401	540,513	4,941	4,471
34	21	97 851	9 058,472	124 142,055	13,705	13,235	84	71	32 883	91,959	431,113	4,688	4,218
35	22	97 752	8 437,662	115 083,583	13,639	13,169	85	72	29 272	76,328	339,154	4,443	3,973
36	23	97 648	7 858,912	106 645,920	13,570	13,100	86	73	25 714	62,518	262,826	4,204	3,734
37	24	97 540	7 319,529	98 787,008	13,496	13,026	87	74	22 238	50,411	200,307	3,974	3,504
38	25	97 428	6 816,882	91 467,479	13,418	12,948	88	75	18 872	39,890	149,897	3,758	3,288
39	26	97 299	6 347,684	84 650,597	13,336	12,866	89	76	15 728	30,997	110,007	3,549	3,079
40	27	97 165	5 910,393	78 302,914	13,248	12,778	90	77	12 777	23,478	79,010	3,365	2,895
41	28	97 014	5 502,307	72 392,521	13,157	12,687	91	78	10 236	17,538	55,532	3,166	2,696
42	29	96 857	5 122,035	66 890,214	13,059	12,589	92	79	7 928	12,665	37,994	3,000	2,530
43	30	96 681	4 767,118	61 768,179	12,957	12,487	93	80	5 987	8,918	25,328	2,840	2,370
44	31	96 481	4 435,683	57 001,061	12,851	12,381	94	81	4 391	6,098	16,410	2,691	2,221
45	32	96 260	4 126,361	52 565,378	12,739	12,269	95	82	3 122	4,042	10,312	2,551	2,081
46	33	96 013	3 837,540	48 439,017	12,622	12,153	96	83	2 144	2,589	6,269	2,421	1,951
47	34	95 740	3 567,970	44 601,478	12,501	12,031	97	84	1 422	1,600	3,680	2,299	1,830
48	35	95 423	3 315,766	41 033,508	12,375	11,905	98	85	906	0,951	2,080	2,187	1,717
49	36	95 079	3 080,482	37 717,742	12,244	11,774	99	86	554	0,542	1,129	2,082	1,612
							100	87	324	0,296	0,586	1,984	1,514

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß   7,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14	0	99 450	37 328,550	537 522,152	14,400	13,930
15	1	99 121	34 690,237	500 193,603	14,419	13,949
16	2	99 077	32 330,915	465 503,366	14,398	13,928
17	3	99 037	30 133,058	433 172,451	14,375	13,905
18	4	98 992	28 083,434	403 039,394	14,351	13,882
19	5	98 933	26 169,294	374 955,960	14,328	13,858
20	6	98 875	24 385,885	348 786,666	14,303	13,833
21	7	98 813	22 723,212	324 400,781	14,276	13,806
22	8	98 751	21 173,877	301 677,569	14,248	13,778
23	9	98 691	19 730,599	280 503,692	14,217	13,747
24	10	98 633	18 385,943	260 773,093	14,183	13,713
25	11	98 571	17 132,262	242 387,150	14,148	13,678
26	12	98 509	15 964,084	225 254,888	14,110	13,640
27	13	98 443	14 875,081	209 290,804	14,070	13,600
28	14	98 372	13 859,519	194 415,723	14,028	13,558
29	15	98 302	12 913,463	180 556,205	13,982	13,512
30	16	98 225	12 031,093	167 642,742	13,934	13,464
31	17	98 148	11 208,900	155 611,648	13,883	13,413
32	18	98 062	10 442,053	144 402,749	13,829	13,359
33	19	97 967	9 726,801	133 960,696	13,772	13,302
34	20	97 872	9 060,483	124 233,895	13,712	13,242
35	21	97 773	8 439,428	115 173,412	13,647	13,177
36	22	97 670	7 860,676	106 733,983	13,578	13,108
37	23	97 562	7 321,203	98 873,308	13,505	13,035
38	24	97 448	6 818,260	91 552,105	13,427	12,958
39	25	97 321	6 349,080	84 733,845	13,346	12,876
40	26	97 188	5 911,792	78 384,765	13,259	12,789
41	27	97 040	5 503,786	72 472,973	13,168	12,698
42	28	96 881	5 123,330	66 969,187	13,071	12,602
43	29	96 708	4 768,486	61 845,857	12,970	12,500
44	30	96 508	4 436,939	57 077,371	12,864	12,394
45	31	96 289	4 127,607	52 640,432	12,753	12,283
46	32	96 047	3 838,900	48 512,825	12,637	12,167
47	33	95 775	3 569,275	44 673,924	12,516	12,046
48	34	95 464	3 317,175	41 104,649	12,391	11,922
49	35	95 117	3 081,708	37 787,474	12,262	11,792
50	36	94 739	2 861,951	34 705,767	12,127	11,657
51	37	94 315	2 656,546	31 843,816	11,987	11,517
52	38	93 818	2 463,932	29 187,270	11,846	11,376
53	39	93 297	2 284,599	26 723,338	11,697	11,227
54	40	92 720	2 117,003	24 438,738	11,544	11,074
55	41	92 081	1 960,286	22 321,735	11,387	10,917
56	42	91 385	1 813,951	20 361,449	11,225	10,755
57	43	90 638	1 677,506	18 547,498	11,057	10,587
58	44	89 817	1 549,936	16 869,992	10,884	10,414
59	45	88 927	1 430,844	15 320,056	10,707	10,237
60	46	87 966	1 319,712	13 889,212	10,524	10,055
61	47	86 930	1 215,997	12 569,500	10,337	9,867
62	48	85 819	1 119,305	11 353,502	10,143	9,673
63	49	84 640	1 029,306	10 234,198	9,943	9,473
64	50	83 398	945,642	9 204,892	9,734	9,264
65	51	82 041	867,373	8 259,250	9,522	9,052
66	52	80 608	794,612	7 391,877	9,302	8,833
67	53	79 057	726,641	6 597,265	9,079	8,609
68	54	77 410	663,406	5 870,624	8,849	8,379
69	55	75 685	604,780	5 207,218	8,610	8,140
70	56	73 838	550,132	4 602,438	8,366	7,896
71	57	71 884	499,374	4 052,306	8,115	7,645
72	58	69 812	452,195	3 552,932	7,857	7,387
73	59	67 620	408,388	3 100,737	7,593	7,123
74	60	65 292	367,670	2 692,349	7,323	6,853
75	61	62 741	329,421	2 324,679	7,057	6,587
76	62	60 045	293,954	1 995,258	6,788	6,318
77	63	57 183	261,020	1 701,304	6,518	6,048
78	64	54 142	230,435	1 440,284	6,250	5,780
79	65	50 906	202,013	1 209,849	5,989	5,519
80	66	47 536	175,887	1 007,836	5,730	5,260
81	67	44 063	152,017	831,948	5,473	5,003
82	68	40 480	130,215	679,931	5,222	4,752
83	69	36 867	110,575	549,716	4,971	4,502
84	70	33 269	93,039	439,141	4,720	4,250
85	71	29 654	77,323	346,102	4,476	4,006
86	72	26 092	63,437	268,779	4,237	3,767
87	73	22 605	51,244	205,342	4,007	3,537
88	74	19 230	40,646	154,098	3,791	3,321
89	75	16 073	31,677	113,452	3,582	3,112
90	76	13 098	24,068	81,775	3,398	2,928
91	77	10 528	18,038	57,708	3,199	2,729
92	78	8 191	13,085	39,669	3,032	2,562
93	79	6 213	9,254	26,584	2,873	2,403
94	80	4 582	6,364	17,330	2,723	2,253
95	81	3 278	4,244	10,966	2,584	2,114
96	82	2 270	2,740	6,722	2,453	1,983
97	83	1 517	1,707	3,981	2,332	1,862
98	84	977	1,025	2,274	2,218	1,748
99	85	604	0,591	1,248	2,113	1,643
100	86	358	0,326	0,657	2,015	1,545

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß 7,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	35	94 776	2 863,089	34 768,152	12,144	11,674
1							51	36	94 360	2 657,809	31 905,063	12,004	11,534
2							52	37	93 869	2 465,248	29 247,254	11,864	11,394
3							53	38	93 349	2 285,872	26 782,006	11,716	11,246
4							54	39	92 782	2 118,405	24 496,134	11,563	11,094
5							55	40	92 146	1 961,672	22 377,729	11,407	10,938
6							56	41	91 458	1 815,406	20 416,058	11,246	10,776
7							57	42	90 719	1 679,001	18 600,652	11,078	10,609
8							58	43	89 909	1 551,525	16 921,651	10,906	10,437
9							59	44	89 027	1 432,453	15 370,126	10,730	10,260
10							60	45	88 078	1 321,389	13 937,673	10,548	10,078
11							61	46	87 052	1 217,713	12 616,284	10,361	9,891
12							62	47	85 959	1 121,138	11 398,571	10,167	9,697
13							63	48	84 790	1 031,129	10 277,433	9,967	9,497
14							64	49	83 570	947,591	9 246,304	9,758	9,288
15	0	99 435	34 799,950	500 429,889	14,380	13,910	65	50	82 222	869,288	8 298,713	9,547	9,077
16	1	99 104	32 339,451	465 629,939	14,398	13,928	66	51	80 805	796,561	7 429,424	9,327	8,857
17	2	99 052	30 137,546	433 290,488	14,377	13,907	67	52	79 274	728,642	6 632,863	9,103	8,633
18	3	99 003	28 086,572	403 152,942	14,354	13,884	68	53	77 643	665,407	5 904,222	8,873	8,403
19	4	98 945	26 172,413	375 066,369	14,331	13,861	69	54	75 928	606,716	5 238,815	8,635	8,165
20	5	98 885	24 388,350	348 893,957	14,306	13,836	70	55	74 100	552,088	4 632,099	8,390	7,920
21	6	98 821	22 725,192	324 505,607	14,280	13,810	71	56	72 156	501,265	4 080,011	8,139	7,670
22	7	98 759	21 175,695	301 780,415	14,251	13,781	72	57	70 092	454,010	3 578,746	7,883	7,413
23	8	98 698	19 732,052	280 604,721	14,221	13,751	73	58	67 920	410,197	3 124,736	7,618	7,148
24	9	98 640	18 387,211	260 872,668	14,188	13,718	74	59	65 602	369,415	2 714,539	7,348	6,878
25	10	98 578	17 133,478	242 485,457	14,153	13,683	75	60	63 081	331,206	2 345,124	7,081	6,611
26	11	98 516	15 965,361	225 351,980	14,115	13,645	76	61	60 392	295,653	2 013,918	6,812	6,342
27	12	98 451	14 876,278	209 386,619	14,075	13,605	77	62	57 546	262,677	1 718,265	6,541	6,071
28	13	98 381	13 860,760	194 510,341	14,033	13,563	78	63	54 510	231,998	1 455,589	6,274	5,804
29	14	98 313	12 914,863	180 649,580	13,988	13,518	79	64	51 283	203,509	1 223,590	6,012	5,543
30	15	98 238	12 032,607	167 734,718	13,940	13,470	80	65	47 910	177,272	1 020,081	5,754	5,284
31	16	98 163	11 210,625	155 702,111	13,889	13,419	81	66	44 443	153,329	842,810	5,497	5,027
32	17	98 077	10 443,729	144 491,486	13,835	13,365	82	67	40 853	131,415	689,480	5,247	4,777
33	18	97 990	9 729,023	134 047,757	13,778	13,308	83	68	37 228	111,660	558,066	4,998	4,528
34	19	97 892	9 062,355	124 318,734	13,718	13,248	84	69	33 626	94,038	446,406	4,747	4,277
35	20	97 795	8 441,302	115 256,379	13,654	13,184	85	70	30 002	78,231	352,368	4,504	4,034
36	21	97 691	7 862,321	106 815,077	13,586	13,116	86	71	26 432	64,264	274,137	4,266	3,796
37	22	97 584	7 322,845	98 952,756	13,513	13,043	87	72	22 937	51,997	209,873	4,036	3,566
38	23	97 470	6 819,819	91 629,910	13,436	12,966	88	73	19 548	41,318	157,876	3,821	3,351
39	24	97 340	6 350,364	84 810,091	13,355	12,885	89	74	16 378	32,278	116,558	3,611	3,141
40	25	97 209	5 913,092	78 459,727	13,269	12,799	90	75	13 385	24,595	84,281	3,427	2,957
41	26	97 063	5 505,089	72 546,635	13,178	12,708	91	76	10 792	18,491	59,685	3,228	2,758
42	27	96 907	5 124,707	67 041,546	13,082	12,612	92	77	8 424	13,458	41,194	3,061	2,591
43	28	96 733	4 769,692	61 916,839	12,981	12,511	93	78	6 419	9,561	27,736	2,901	2,431
44	29	96 536	4 438,212	57 147,147	12,876	12,406	94	79	4 755	6,604	18,175	2,752	2,282
45	30	96 316	4 128,776	52 708,935	12,766	12,296	95	80	3 420	4,429	11,571	2,612	2,142
46	31	96 076	3 840,060	48 580,159	12,651	12,181	96	81	2 383	2,877	7,142	2,482	2,012
47	32	95 809	3 570,541	44 740,099	12,530	12,060	97	82	1 605	1,807	4,265	2,360	1,890
48	33	95 499	3 318,388	41 169,558	12,406	11,937	98	83	1 042	1,094	2,458	2,247	1,777
49	34	95 158	3 083,017	37 851,170	12,277	11,807	99	84	651	0,637	1,364	2,141	1,671
							100	85	390	0,356	0,727	2,042	1,572

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß   7,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	34	94 817	2 864,306	34 825,132	12,158	11,688
1							51	35	94 397	2 658,867	31 960,826	12,020	11,551
2							52	36	93 913	2 466,420	29 301,959	11,880	11,410
3							53	37	93 399	2 287,092	26 835,539	11,733	11,264
4							54	38	92 834	2 119,585	24 548,447	11,582	11,112
5							55	39	92 207	1 962,970	22 428,862	11,426	10,956
6							56	40	91 523	1 816,689	20 465,892	11,265	10,796
7							57	41	90 792	1 680,348	18 649,203	11,098	10,629
8							58	42	89 989	1 552,907	16 968,856	10,927	10,457
9							59	43	89 118	1 433,921	15 415,948	10,751	10,281
10							60	44	88 177	1 322,875	13 982,027	10,569	10,100
11							61	45	87 163	1 219,261	12 659,152	10,383	9,913
12							62	46	86 080	1 122,720	11 439,892	10,189	9,720
13							63	47	84 929	1 032,818	10 317,172	9,989	9,519
14							64	48	83 718	949,270	9 284,354	9,781	9,311
15							65	49	82 392	871,081	8 335,084	9,569	9,099
16	0	99 417	32 441,730	465 847,775	14,360	13,890	66	50	80 984	798,320	7 464,003	9,350	8,880
17	1	99 078	30 145,504	433 406,045	14,377	13,907	67	51	79 469	730,429	6 665,683	9,126	8,656
18	2	99 018	28 090,756	403 260,542	14,356	13,886	68	52	77 857	667,239	5 935,254	8,895	8,425
19	3	98 956	26 175,337	375 169,786	14,333	13,863	69	53	76 157	608,546	5 268,016	8,657	8,187
20	4	98 896	24 391,257	348 994,448	14,308	13,838	70	54	74 337	553,855	4 659,470	8,413	7,943
21	5	98 831	22 727,489	324 603,191	14,282	13,813	71	55	72 413	503,047	4 105,614	8,161	7,692
22	6	98 768	21 177,539	301 875,703	14,255	13,785	72	56	70 358	455,729	3 602,567	7,905	7,435
23	7	98 707	19 733,746	280 698,164	14,224	13,754	73	57	68 192	411,843	3 146,839	7,641	7,171
24	8	98 647	18 388,565	260 964,418	14,192	13,722	74	58	65 892	371,052	2 734,995	7,371	6,901
25	9	98 584	17 134,660	242 575,852	14,157	13,687	75	59	63 380	332,777	2 363,943	7,104	6,634
26	10	98 523	15 966,494	225 441,193	14,120	13,650	76	60	60 719	297,255	2 031,166	6,833	6,363
27	11	98 459	14 877,468	209 474,699	14,080	13,610	77	61	57 878	264,195	1 733,911	6,563	6,093
28	12	98 389	13 861,876	194 597,231	14,038	13,568	78	62	54 856	233,471	1 469,716	6,295	5,825
29	13	98 322	12 916,020	180 735,355	13,993	13,523	79	63	51 631	204,890	1 236,245	6,034	5,564
30	14	98 248	12 033,911	167 819,335	13,946	13,476	80	64	48 264	178,584	1 031,356	5,775	5,305
31	15	98 175	11 212,035	155 785,424	13,894	13,425	81	65	44 793	154,536	852,771	5,518	5,048
32	16	98 093	10 445,336	144 573,389	13,841	13,371	82	66	41 205	132,549	698,235	5,268	4,798
33	17	98 005	9 730,584	134 128,053	13,784	13,314	83	67	37 571	112,689	565,687	5,020	4,550
34	18	97 915	9 064,426	124 397,468	13,724	13,254	84	68	33 956	94,960	452,998	4,770	4,301
35	19	97 815	8 443,046	115 333,043	13,660	13,190	85	69	30 324	79,071	358,038	4,528	4,058
36	20	97 712	7 864,067	106 889,996	13,592	13,122	86	70	26 743	65,019	278,967	4,291	3,821
37	21	97 605	7 324,378	99 025,930	13,520	13,050	87	71	23 236	52,675	213,948	4,062	3,592
38	22	97 492	6 821,349	91 701,551	13,443	12,973	88	72	19 835	41,925	161,273	3,847	3,377
39	23	97 363	6 351,816	84 880,202	13,363	12,893	89	73	16 649	32,811	119,348	3,637	3,168
40	24	97 229	5 914,288	78 528,386	13,278	12,808	90	74	13 639	25,062	86,537	3,453	2,983
41	25	97 084	5 506,300	72 614,098	13,187	12,718	91	75	11 029	18,897	61,476	3,253	2,783
42	26	96 930	5 125,920	67 107,798	13,092	12,622	92	76	8 636	13,796	42,579	3,086	2,616
43	27	96 759	4 770,974	61 981,878	12,991	12,522	93	77	6 602	9,834	28,783	2,927	2,457
44	28	96 560	4 439,335	57 210,904	12,887	12,417	94	78	4 912	6,823	18,950	2,777	2,308
45	29	96 344	4 129,961	52 771,569	12,778	12,308	95	79	3 549	4,596	12,127	2,638	2,169
46	30	96 103	3 841,147	48 641,609	12,663	12,193	96	80	2 487	3,003	7,531	2,508	2,038
47	31	95 838	3 571,619	44 800,461	12,543	12,074	97	81	1 685	1,897	4,528	2,386	1,916
48	32	95 533	3 319,565	41 228,842	12,420	11,950	98	82	1 103	1,158	2,630	2,272	1,802
49	33	95 192	3 084,145	37 909,277	12,292	11,822	99	83	694	0,680	1,473	2,167	1,697
							100	84	420	0,384	0,793	2,068	1,598

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß   7,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	33	94 851	2 865,354	34 877,105	12,172	11,702
1							51	34	94 437	2 659,997	32 011,751	12,035	11,565
2							52	35	93 951	2 467,401	29 351,754	11,896	11,426
3							53	36	93 443	2 288,180	26 884,353	11,749	11,279
4							54	37	92 883	2 120,716	24 596,173	11,598	11,128
5							55	38	92 259	1 964,064	22 475,457	11,443	10,973
6							56	39	91 583	1 817,891	20 511,393	11,283	10,813
7							57	40	90 856	1 681,535	18 693,502	11,117	10,647
8							58	41	90 061	1 554,153	17 011,967	10,946	10,476
9							59	42	89 198	1 435,199	15 457,814	10,771	10,301
10							60	43	88 268	1 324,231	14 022,615	10,589	10,119
11							61	44	87 261	1 220,632	12 698,384	10,403	9,933
12							62	45	86 190	1 124,147	11 477,753	10,210	9,740
13							63	46	85 048	1 034,275	10 353,606	10,010	9,541
14							64	47	83 855	950,825	9 319,330	9,801	9,331
15							65	48	82 538	872,624	8 368,506	9,590	9,120
16							66	49	81 151	799,966	7 495,882	9,370	8,900
17	0	99 391	30 240,844	433 606,878	14,338	13,869	67	50	79 644	732,042	6 695,916	9,147	8,677
18	1	99 044	28 098,173	403 366,034	14,356	13,886	68	51	78 048	668,875	5 963,874	8,916	8,446
19	2	98 970	26 179,237	375 267,861	14,335	13,865	69	52	76 366	610,221	5 294,999	8,677	8,207
20	3	98 907	24 393,982	349 088,624	14,310	13,841	70	53	74 562	555,526	4 684,778	8,433	7,963
21	4	98 843	22 730,198	324 694,642	14,285	13,815	71	54	72 645	504,657	4 129,252	8,182	7,712
22	5	98 778	21 179,680	301 964,444	14,257	13,787	72	55	70 608	457,349	3 624,595	7,925	7,455
23	6	98 715	19 735,465	280 784,764	14,227	13,758	73	56	68 450	413,403	3 167,246	7,661	7,192
24	7	98 655	18 390,144	261 049,300	14,195	13,725	74	57	66 157	372,541	2 753,843	7,392	6,922
25	8	98 592	17 135,922	242 659,156	14,161	13,691	75	58	63 661	334,252	2 381,302	7,124	6,654
26	9	98 530	15 967,595	225 523,234	14,124	13,654	76	59	61 007	298,666	2 047,050	6,854	6,384
27	10	98 466	14 878,524	209 555,639	14,084	13,615	77	60	58 192	265,626	1 748,384	6,582	6,112
28	11	98 397	13 862,985	194 677,115	14,043	13,573	78	61	55 173	234,820	1 482,758	6,314	5,845
29	12	98 330	12 917,059	180 814,130	13,998	13,528	79	62	51 958	206,190	1 247,938	6,052	5,582
30	13	98 257	12 034,989	167 897,071	13,951	13,481	80	63	48 592	179,796	1 041,748	5,794	5,324
31	14	98 186	11 213,250	155 862,081	13,900	13,430	81	64	45 125	155,680	861,952	5,537	5,067
32	15	98 105	10 446,650	144 648,831	13,846	13,377	82	65	41 530	133,592	706,272	5,287	4,817
33	16	98 020	9 732,082	134 202,181	13,790	13,320	83	66	37 895	113,661	572,680	5,038	4,569
34	17	97 931	9 065,880	124 470,099	13,730	13,260	84	67	34 269	95,835	459,019	4,790	4,320
35	18	97 837	8 444,975	115 404,219	13,665	13,196	85	68	30 622	79,847	363,184	4,549	4,079
36	19	97 733	7 865,691	106 959,244	13,598	13,128	86	69	27 030	65,717	283,337	4,311	3,842
37	20	97 626	7 326,005	99 093,552	13,526	13,056	87	70	23 509	53,293	217,621	4,083	3,614
38	21	97 512	6 822,777	91 767,548	13,450	12,980	88	71	20 094	42,472	164,327	3,869	3,399
39	22	97 385	6 353,241	84 944,771	13,370	12,900	89	72	16 893	33,293	121,855	3,660	3,190
40	23	97 251	5 915,640	78 591,529	13,285	12,815	90	73	13 864	25,476	88,562	3,476	3,006
41	24	97 104	5 507,413	72 675,889	13,196	12,726	91	74	11 238	19,255	63,086	3,276	2,806
42	25	96 951	5 127,048	67 168,476	13,101	12,631	92	75	8 825	14,099	43,831	3,109	2,639
43	26	96 782	4 772,103	62 041,428	13,001	12,531	93	76	6 767	10,080	29,733	2,950	2,480
44	27	96 586	4 440,528	57 269,325	12,897	12,427	94	77	5 053	7,017	19,652	2,801	2,331
45	28	96 368	4 131,005	52 828,797	12,788	12,318	95	78	3 667	4,749	12,635	2,661	2,191
46	29	96 131	3 842,250	48 697,792	12,674	12,204	96	79	2 581	3,116	7,887	2,531	2,061
47	30	95 865	3 572,631	44 855,542	12,555	12,085	97	80	1 759	1,980	4,771	2,409	1,939
48	31	95 561	3 320,568	41 282,911	12,432	11,963	98	81	1 158	1,215	2,791	2,296	1,826
49	32	95 226	3 085,239	37 962,343	12,305	11,835	99	82	735	0,719	1,575	2,190	1,720
							100	83	448	0,409	0,856	2,091	1,622

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß   7,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	32	94 885	2 866,370	34 924,562	12,184	11,714
1							51	33	94 472	2 660,970	32 058,192	12,048	11,578
2							52	34	93 990	2 468,450	29 397,222	11,909	11,439
3							53	35	93 480	2 289,090	26 928,773	11,764	11,294
4							54	36	92 927	2 121,725	24 639,682	11,613	11,143
5							55	37	92 308	1 965,112	22 517,958	11,459	10,989
6							56	38	91 634	1 818,904	20 552,845	11,300	10,830
7							57	39	90 916	1 682,648	18 733,941	11,134	10,664
8							58	40	90 125	1 555,251	17 051,293	10,964	10,494
9							59	41	89 269	1 436,350	15 496,042	10,788	10,319
10							60	42	88 346	1 325,410	14 059,692	10,608	10,138
11							61	43	87 350	1 221,883	12 734,282	10,422	9,952
12							62	44	86 287	1 125,411	11 512,399	10,230	9,760
13							63	45	85 156	1 035,590	10 386,988	10,030	9,560
14							64	46	83 973	952,166	9 351,398	9,821	9,351
15							65	47	82 673	874,053	8 399,232	9,610	9,140
16							66	48	81 295	801,383	7 525,178	9,390	8,920
17							67	49	79 809	733,551	6 723,796	9,166	8,696
18	0	99 358	28 187,038	403 551,194	14,317	13,847	68	50	78 220	670,352	5 990,245	8,936	8,466
19	1	98 997	26 186,149	375 364,156	14,334	13,865	69	51	76 553	611,718	5 319,893	8,697	8,227
20	2	98 922	24 397,616	349 178,007	14,312	13,842	70	52	74 767	557,055	4 708,175	8,452	7,982
21	3	98 854	22 732,738	324 780,391	14,287	13,817	71	53	72 864	506,179	4 151,120	8,201	7,731
22	4	98 790	21 182,204	302 047,653	14,260	13,790	72	54	70 834	458,813	3 644,940	7,944	7,474
23	5	98 725	19 737,460	280 865,449	14,230	13,760	73	55	68 694	414,873	3 186,127	7,680	7,210
24	6	98 664	18 391,746	261 127,989	14,198	13,728	74	56	66 407	373,951	2 771,254	7,411	6,941
25	7	98 600	17 137,393	242 736,243	14,164	13,694	75	57	63 916	335,593	2 397,303	7,143	6,674
26	8	98 537	15 968,771	225 598,851	14,128	13,658	76	58	61 277	299,989	2 061,710	6,873	6,403
27	9	98 473	14 879,550	209 630,080	14,088	13,619	77	59	58 468	266,887	1 761,720	6,601	6,131
28	10	98 404	13 863,969	194 750,529	14,047	13,577	78	60	55 472	236,093	1 494,834	6,332	5,862
29	11	98 338	12 918,093	180 886,561	14,003	13,533	79	61	52 259	207,382	1 258,741	6,070	5,600
30	12	98 265	12 035,958	167 968,468	13,956	13,486	80	62	48 900	180,937	1 051,359	5,811	5,341
31	13	98 194	11 214,255	155 932,510	13,905	13,435	81	63	45 431	156,736	870,422	5,553	5,084
32	14	98 116	10 447,783	144 718,255	13,852	13,382	82	64	41 837	134,581	713,686	5,303	4,833
33	15	98 033	9 733,306	134 270,472	13,795	13,325	83	65	38 194	114,556	579,105	5,055	4,585
34	16	97 946	9 067,276	124 537,166	13,735	13,265	84	66	34 564	96,662	464,549	4,806	4,336
35	17	97 853	8 446,331	115 469,890	13,671	13,201	85	67	30 904	80,582	367,887	4,565	4,095
36	18	97 755	7 867,488	107 023,560	13,603	13,133	86	68	27 295	66,361	287,305	4,329	3,860
37	19	97 647	7 327,518	99 156,071	13,532	13,062	87	69	23 762	53,866	220,944	4,102	3,632
38	20	97 534	6 824,292	91 828,554	13,456	12,986	88	70	20 330	42,970	167,078	3,888	3,418
39	21	97 405	6 354,571	85 004,262	13,377	12,907	89	71	17 114	33,727	124,108	3,680	3,210
40	22	97 273	5 916,968	78 649,691	13,292	12,822	90	72	14 068	25,850	90,380	3,496	3,026
41	23	97 126	5 508,672	72 732,723	13,203	12,733	91	73	11 424	19,573	64,530	3,297	2,827
42	24	96 971	5 128,085	67 224,051	13,109	12,639	92	74	8 993	14,366	44,957	3,129	2,660
43	25	96 803	4 773,153	62 095,966	13,009	12,540	93	75	6 916	10,301	30,591	2,970	2,500
44	26	96 609	4 441,579	57 322,813	12,906	12,436	94	76	5 179	7,193	20,290	2,821	2,351
45	27	96 394	4 132,115	52 881,234	12,798	12,328	95	77	3 772	4,884	13,096	2,681	2,212
46	28	96 155	3 843,222	48 749,118	12,684	12,215	96	78	2 666	3,219	8,212	2,551	2,081
47	29	95 893	3 573,656	44 905,897	12,566	12,096	97	79	1 825	2,055	4,993	2,430	1,960
48	30	95 589	3 321,508	41 332,241	12,444	11,974	98	80	1 208	1,268	2,938	2,317	1,847
49	31	95 255	3 086,171	38 010,733	12,316	11,847	99	81	772	0,755	1,670	2,211	1,741
							100	82	475	0,433	0,915	2,112	1,642

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß   7,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	31	94 914	2 867,236	34 967,827	12,196	11,726
1							51	32	94 505	2 661,913	32 100,591	12,059	11,589
2							52	33	94 025	2 469,353	29 438,678	11,922	11,452
3							53	34	93 520	2 290,063	26 969,325	11,777	11,307
4							54	35	92 964	2 122,569	24 679,262	11,627	11,157
5							55	36	92 352	1 966,047	22 556,693	11,473	11,003
6							56	37	91 683	1 819,875	20 590,647	11,314	10,844
7							57	38	90 966	1 683,586	18 770,772	11,149	10,679
8							58	39	90 184	1 556,281	17 087,186	10,980	10,510
9							59	40	89 332	1 437,365	15 530,905	10,805	10,335
10							60	41	88 417	1 326,473	14 093,540	10,625	10,155
11							61	42	87 428	1 222,971	12 767,067	10,439	9,969
12							62	43	86 375	1 126,564	11 544,095	10,247	9,777
13							63	44	85 252	1 036,754	10 417,531	10,048	9,578
14							64	45	84 080	953,377	9 380,777	9,840	9,370
15							65	46	82 789	875,287	8 427,400	9,628	9,158
16							66	47	81 428	802,695	7 552,114	9,408	8,939
17							67	48	79 950	734,850	6 749,418	9,185	8,715
18							68	49	78 382	671,734	6 014,568	8,954	8,484
19	0	99 310	26 268,967	375 534,864	14,296	13,826	69	50	76 722	613,068	5 342,833	8,715	8,245
20	1	98 948	24 404,058	349 265,897	14,312	13,842	70	51	74 950	558,421	4 729,765	8,470	8,000
21	2	98 869	22 736,124	324 861,839	14,288	13,818	71	52	73 065	507,573	4 171,344	8,218	7,748
22	3	98 801	21 184,571	302 125,715	14,262	13,792	72	53	71 048	460,197	3 663,771	7,961	7,491
23	4	98 737	19 739,812	280 941,144	14,232	13,762	73	54	68 914	416,201	3 203,574	7,697	7,227
24	5	98 674	18 393,605	261 201,332	14,201	13,731	74	55	66 643	375,281	2 787,373	7,427	6,958
25	6	98 609	17 138,885	242 807,727	14,167	13,697	75	56	64 158	336,864	2 412,092	7,160	6,691
26	7	98 546	15 970,142	225 668,842	14,131	13,661	76	57	61 523	301,193	2 075,228	6,890	6,420
27	8	98 480	14 880,646	209 698,700	14,092	13,622	77	58	58 727	268,069	1 774,035	6,618	6,148
28	9	98 411	13 864,925	194 818,054	14,051	13,581	78	59	55 735	237,213	1 505,965	6,349	5,879
29	10	98 345	12 919,009	180 953,128	14,007	13,537	79	60	52 542	208,506	1 268,753	6,085	5,615
30	11	98 273	12 036,921	168 034,119	13,960	13,490	80	61	49 183	181,983	1 060,247	5,826	5,356
31	12	98 202	11 215,158	155 997,198	13,909	13,440	81	62	45 719	157,731	878,264	5,568	5,098
32	13	98 124	10 448,719	144 782,040	13,856	13,387	82	63	42 121	135,494	720,533	5,318	4,848
33	14	98 043	9 734,361	134 333,322	13,800	13,330	83	64	38 477	115,404	585,039	5,069	4,600
34	15	97 958	9 068,416	124 598,961	13,740	13,270	84	65	34 836	97,423	469,635	4,821	4,351
35	16	97 868	8 447,630	115 530,544	13,676	13,206	85	66	31 170	81,278	372,213	4,580	4,110
36	17	97 771	7 868,751	107 082,914	13,609	13,139	86	67	27 547	66,973	290,935	4,344	3,874
37	18	97 669	7 329,192	99 214,163	13,537	13,067	87	68	23 995	54,394	223,962	4,117	3,648
38	19	97 554	6 825,702	91 884,971	13,462	12,992	88	69	20 548	43,432	169,568	3,904	3,434
39	20	97 427	6 355,982	85 059,269	13,383	12,913	89	70	17 315	34,123	126,137	3,696	3,227
40	21	97 293	5 918,206	78 703,287	13,299	12,829	90	71	14 251	26,187	92,013	3,514	3,044
41	22	97 148	5 509,909	72 785,081	13,210	12,740	91	72	11 592	19,861	65,826	3,314	2,844
42	23	96 993	5 129,257	67 275,172	13,116	12,646	92	73	9 141	14,603	45,965	3,148	2,678
43	24	96 823	4 774,118	62 145,915	13,017	12,547	93	74	7 047	10,497	31,362	2,988	2,518
44	25	96 630	4 442,556	57 371,797	12,914	12,444	94	75	5 293	7,351	20,865	2,838	2,368
45	26	96 417	4 133,094	52 929,241	12,806	12,336	95	76	3 866	5,007	13,514	2,699	2,229
46	27	96 181	3 844,254	48 796,147	12,693	12,223	96	77	2 742	3,311	8,507	2,569	2,100
47	28	95 917	3 574,560	44 951,893	12,576	12,106	97	78	1 886	2,123	5,196	2,448	1,978
48	29	95 616	3 322,461	41 377,333	12,454	11,984	98	79	1 254	1,316	3,074	2,335	1,865
49	30	95 282	3 087,044	38 054,872	12,327	11,857	99	80	805	0,788	1,757	2,229	1,760
							100	81	498	0,455	0,969	2,131	1,661

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß   7,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	30	94 940	2 868,048	35 007,282	12,206	11,736
1							51	31	94 534	2 662,718	32 139,235	12,070	11,600
2							52	32	94 058	2 470,228	29 476,517	11,933	11,463
3							53	33	93 554	2 290,901	27 006,289	11,789	11,319
4							54	34	93 004	2 123,471	24 715,388	11,639	11,169
5							55	35	92 389	1 966,829	22 591,917	11,486	11,017
6							56	36	91 727	1 820,740	20 625,089	11,328	10,858
7							57	37	91 015	1 684,485	18 804,348	11,163	10,693
8							58	38	90 235	1 557,148	17 119,863	10,994	10,524
9							59	39	89 391	1 438,317	15 562,716	10,820	10,350
10							60	40	88 480	1 327,411	14 124,399	10,641	10,171
11							61	41	87 498	1 223,952	12 796,988	10,455	9,986
12							62	42	86 452	1 127,568	11 573,036	10,264	9,794
13							63	43	85 340	1 037,817	10 445,468	10,065	9,595
14							64	44	84 174	954,449	9 407,651	9,857	9,387
15							65	45	82 895	876,399	8 453,203	9,645	9,175
16							66	46	81 543	803,828	7 576,804	9,426	8,956
17							67	47	80 081	736,054	6 772,976	9,202	8,732
18							68	48	78 520	672,924	6 036,922	8,971	8,501
19							69	49	76 881	614,332	5 363,997	8,731	8,262
20	0	99 261	24 481,240	349 423,289	14,273	13,803	70	50	75 116	559,654	4 749,665	8,487	8,017
21	1	98 895	22 742,127	324 942,049	14,288	13,818	71	51	73 244	508,818	4 190,011	8,235	7,765
22	2	98 815	21 187,727	302 199,922	14,263	13,793	72	52	71 243	461,464	3 681,193	7,977	7,507
23	3	98 748	19 742,018	281 012,195	14,234	13,764	73	53	69 122	417,456	3 219,729	7,713	7,243
24	4	98 686	18 395,797	261 270,177	14,203	13,733	74	54	66 857	376,483	2 802,273	7,443	6,973
25	5	98 619	17 140,618	242 874,380	14,170	13,700	75	55	64 386	338,062	2 425,790	7,176	6,706
26	6	98 554	15 971,533	225 733,762	14,134	13,664	76	56	61 756	302,333	2 087,728	6,905	6,435
27	7	98 489	14 881,923	209 762,229	14,095	13,625	77	57	58 963	269,145	1 785,395	6,634	6,164
28	8	98 418	13 865,946	194 880,306	14,055	13,585	78	58	55 982	238,264	1 516,250	6,364	5,894
29	9	98 351	12 919,901	181 014,359	14,011	13,541	79	59	52 791	209,495	1 277,986	6,100	5,630
30	10	98 280	12 037,775	168 094,459	13,964	13,494	80	60	49 449	182,969	1 068,491	5,840	5,370
31	11	98 210	11 216,055	156 056,684	13,914	13,444	81	61	45 983	158,643	885,522	5,582	5,112
32	12	98 132	10 449,560	144 840,629	13,861	13,391	82	62	42 388	136,354	726,879	5,331	4,861
33	13	98 052	9 735,233	134 391,069	13,805	13,335	83	63	38 738	116,187	590,525	5,083	4,613
34	14	97 969	9 069,399	124 655,836	13,745	13,275	84	64	35 094	98,144	474,338	4,833	4,363
35	15	97 880	8 448,693	115 586,437	13,681	13,211	85	65	31 416	81,917	376,195	4,592	4,122
36	16	97 786	7 869,962	107 137,743	13,614	13,144	86	66	27 784	67,551	294,277	4,356	3,886
37	17	97 685	7 330,368	99 267,781	13,542	13,072	87	67	24 216	54,895	226,726	4,130	3,660
38	18	97 576	6 827,261	91 937,413	13,466	12,996	88	68	20 749	43,858	171,831	3,918	3,448
39	19	97 447	6 357,295	85 110,152	13,388	12,918	89	69	17 501	34,490	127,974	3,710	3,241
40	20	97 315	5 919,520	78 752,857	13,304	12,834	90	70	14 418	26,495	93,484	3,528	3,058
41	21	97 168	5 511,062	72 833,336	13,216	12,746	91	71	11 743	20,120	66,989	3,330	2,860
42	22	97 015	5 130,408	67 322,275	13,122	12,652	92	72	9 275	14,818	46,869	3,163	2,693
43	23	96 845	4 775,210	62 191,867	13,024	12,554	93	73	7 163	10,670	32,051	3,004	2,534
44	24	96 650	4 443,454	57 416,657	12,922	12,452	94	74	5 393	7,491	21,381	2,854	2,385
45	25	96 438	4 134,003	52 973,202	12,814	12,344	95	75	3 951	5,116	13,891	2,715	2,245
46	26	96 203	3 845,164	48 839,199	12,701	12,232	96	76	2 811	3,394	8,774	2,585	2,115
47	27	95 943	3 575,520	44 994,035	12,584	12,114	97	77	1 939	2,183	5,380	2,464	1,994
48	28	95 640	3 323,302	41 418,515	12,463	11,993	98	78	1 295	1,360	3,197	2,351	1,881
49	29	95 309	3 087,930	38 095,213	12,337	11,867	99	79	836	0,818	1,837	2,246	1,776
							100	80	520	0,475	1,019	2,148	1,678

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß   7,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	29	94 968	2 868,871	35 043,336	12,215	11,745
1							51	30	94 561	2 663,471	32 174,465	12,080	11,610
2							52	31	94 087	2 470,975	29 510,994	11,943	11,473
3							53	32	93 587	2 291,713	27 040,019	11,799	11,329
4							54	33	93 038	2 124,248	24 748,306	11,650	11,180
5							55	34	92 428	1 967,665	22 624,059	11,498	11,028
6							56	35	91 763	1 821,465	20 656,394	11,341	10,871
7							57	36	91 058	1 685,285	18 834,929	11,176	10,706
8							58	37	90 283	1 557,979	17 149,644	11,008	10,538
9							59	38	89 441	1 439,118	15 591,665	10,834	10,364
10							60	39	88 538	1 328,290	14 152,547	10,655	10,185
11							61	40	87 560	1 224,817	12 824,257	10,470	10,000
12							62	41	86 521	1 128,473	11 599,440	10,279	9,809
13							63	42	85 416	1 038,741	10 470,967	10,080	9,611
14							64	43	84 261	955,427	9 432,226	9,872	9,402
15							65	44	82 988	877,384	8 476,799	9,661	9,192
16							66	45	81 646	804,850	7 599,415	9,442	8,972
17							67	46	80 194	737,093	6 794,565	9,218	8,748
18							68	47	78 649	674,026	6 057,472	8,987	8,517
19							69	48	77 017	615,421	5 383,446	8,748	8,278
20							70	49	75 271	560,808	4 768,025	8,502	8,032
21	0	99 208	22 814,053	325 087,165	14,249	13,780	71	50	73 405	509,941	4 207,217	8,250	7,780
22	1	98 842	21 193,321	302 273,113	14,263	13,793	72	51	71 418	462,596	3 697,276	7,992	7,523
23	2	98 763	19 744,959	281 079,791	14,236	13,766	73	52	69 312	418,605	3 234,680	7,727	7,257
24	3	98 697	18 397,853	261 334,833	14,205	13,735	74	53	67 058	377,618	2 816,075	7,457	6,988
25	4	98 630	17 142,661	242 936,980	14,171	13,702	75	54	64 592	339,144	2 438,457	7,190	6,720
26	5	98 564	15 973,148	225 794,319	14,136	13,666	76	55	61 976	303,408	2 099,313	6,919	6,449
27	6	98 497	14 883,220	209 821,172	14,098	13,628	77	56	59 186	270,164	1 795,904	6,647	6,178
28	7	98 426	13 867,136	194 937,952	14,058	13,588	78	57	56 207	239,220	1 525,740	6,378	5,908
29	8	98 359	12 920,852	181 070,816	14,014	13,544	79	58	53 025	210,423	1 286,520	6,114	5,644
30	9	98 287	12 038,606	168 149,963	13,968	13,498	80	59	49 684	183,837	1 076,097	5,854	5,384
31	10	98 217	11 216,851	156 111,358	13,918	13,448	81	60	46 233	159,502	892,260	5,594	5,124
32	11	98 140	10 450,395	144 894,507	13,865	13,395	82	61	42 633	137,142	732,757	5,343	4,873
33	12	98 060	9 736,017	134 444,112	13,809	13,339	83	62	38 983	116,924	595,615	5,094	4,624
34	13	97 977	9 070,212	124 708,094	13,749	13,279	84	63	35 332	98,810	478,691	4,845	4,375
35	14	97 891	8 449,609	115 637,883	13,686	13,216	85	64	31 648	82,524	379,881	4,603	4,133
36	15	97 798	7 870,952	107 188,274	13,618	13,148	86	65	28 003	68,082	297,357	4,368	3,898
37	16	97 700	7 331,496	99 317,321	13,547	13,077	87	66	24 425	55,369	229,275	4,141	3,671
38	17	97 592	6 828,357	91 985,825	13,471	13,001	88	67	20 941	44,262	173,906	3,929	3,459
39	18	97 469	6 358,748	85 157,468	13,392	12,922	89	68	17 672	34,828	129,644	3,722	3,253
40	19	97 335	5 920,743	78 798,721	13,309	12,839	90	69	14 573	26,779	94,816	3,541	3,071
41	20	97 190	5 512,286	72 877,978	13,221	12,751	91	70	11 881	20,356	68,037	3,342	2,872
42	21	97 035	5 131,482	67 365,692	13,128	12,658	92	71	9 396	15,011	47,681	3,176	2,706
43	22	96 867	4 776,281	62 234,210	13,030	12,560	93	72	7 269	10,827	32,670	3,017	2,548
44	23	96 672	4 444,470	57 457,929	12,928	12,458	94	73	5 483	7,614	21,843	2,869	2,399
45	24	96 458	4 134,839	53 013,458	12,821	12,351	95	74	4 026	5,213	14,228	2,729	2,259
46	25	96 225	3 846,010	48 878,620	12,709	12,239	96	75	2 873	3,468	9,015	2,599	2,129
47	26	95 966	3 576,367	45 032,609	12,592	12,122	97	76	1 988	2,238	5,547	2,478	2,008
48	27	95 666	3 324,195	41 456,242	12,471	12,001	98	77	1 332	1,399	3,308	2,366	1,896
49	28	95 333	3 088,711	38 132,048	12,346	11,876	99	78	863	0,845	1,910	2,260	1,790
							100	79	540	0,492	1,065	2,163	1,693

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß   7,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	28	94 992	2 869,596	35 076,248	12,223	11,754
1							51	29	94 588	2 664,236	32 206,651	12,089	11,619
2							52	30	94 113	2 471,674	29 542,415	11,952	11,482
3							53	31	93 616	2 292,405	27 070,741	11,809	11,339
4							54	32	93 071	2 125,001	24 778,336	11,660	11,190
5							55	33	92 462	1 968,384	22 653,335	11,509	11,039
6							56	34	91 802	1 822,239	20 684,951	11,351	10,881
7							57	35	91 095	1 685,956	18 862,712	11,188	10,718
8							58	36	90 326	1 558,720	17 176,756	11,020	10,550
9							59	37	89 489	1 439,886	15 618,036	10,847	10,377
10							60	38	88 588	1 329,030	14 178,150	10,668	10,198
11							61	39	87 618	1 225,628	12 849,120	10,484	10,014
12							62	40	86 583	1 129,270	11 623,492	10,293	9,823
13							63	41	85 484	1 039,575	10 494,222	10,095	9,625
14							64	42	84 336	956,278	9 454,647	9,887	9,417
15							65	43	83 073	878,284	8 498,369	9,676	9,206
16							66	44	81 738	805,755	7 620,086	9,457	8,987
17							67	45	80 296	738,029	6 814,331	9,233	8,763
18							68	46	78 760	674,978	6 076,302	9,002	8,532
19							69	47	77 143	616,429	5 401,324	8,762	8,292
20							70	48	75 404	561,802	4 784,895	8,517	8,047
21							71	49	73 557	510,993	4 223,094	8,264	7,795
22	0	99 154	21 260,349	302 406,916	14,224	13,754	72	50	71 576	463,617	3 712,101	8,007	7,537
23	1	98 789	19 750,172	281 146,567	14,235	13,765	73	51	69 482	419,632	3 248,484	7,741	7,271
24	2	98 711	18 400,593	261 396,395	14,206	13,736	74	52	67 243	378,657	2 828,852	7,471	7,001
25	3	98 641	17 144,576	242 995,802	14,173	13,703	75	53	64 787	340,167	2 450,194	7,203	6,733
26	4	98 576	15 975,051	225 851,225	14,138	13,668	76	54	62 174	304,380	2 110,028	6,932	6,462
27	5	98 507	14 884,724	209 876,174	14,100	13,630	77	55	59 397	271,125	1 805,648	6,660	6,190
28	6	98 435	13 868,344	194 991,450	14,060	13,590	78	56	56 419	240,126	1 534,523	6,390	5,921
29	7	98 367	12 921,961	181 123,106	14,017	13,547	79	57	53 238	211,268	1 294,397	6,127	5,657
30	8	98 294	12 039,492	168 201,145	13,971	13,501	80	58	49 904	184,652	1 083,129	5,866	5,396
31	9	98 224	11 217,625	156 161,652	13,921	13,451	81	59	46 452	160,259	898,478	5,606	5,137
32	10	98 147	10 451,137	144 944,028	13,869	13,399	82	60	42 864	137,885	738,218	5,354	4,884
33	11	98 068	9 736,796	134 492,890	13,813	13,343	83	61	39 209	117,600	600,333	5,105	4,635
34	12	97 985	9 070,942	124 756,095	13,753	13,283	84	62	35 557	99,437	482,733	4,855	4,385
35	13	97 900	8 450,366	115 685,153	13,690	13,220	85	63	31 863	83,084	383,296	4,613	4,143
36	14	97 809	7 871,805	107 234,787	13,623	13,153	86	64	28 210	68,586	300,212	4,377	3,907
37	15	97 712	7 332,419	99 362,981	13,551	13,081	87	65	24 617	55,805	231,626	4,151	3,681
38	16	97 607	6 829,486	92 030,563	13,476	13,006	88	66	21 121	44,644	175,821	3,938	3,468
39	17	97 485	6 359,768	85 201,155	13,397	12,927	89	67	17 835	35,149	131,178	3,732	3,262
40	18	97 357	5 922,096	78 841,387	13,313	12,843	90	68	14 716	27,042	96,029	3,551	3,081
41	19	97 210	5 513,424	72 919,291	13,226	12,756	91	69	12 008	20,575	68,987	3,353	2,883
42	20	97 057	5 132,621	67 405,867	13,133	12,663	92	70	9 507	15,187	48,412	3,188	2,718
43	21	96 887	4 777,281	62 273,245	13,035	12,565	93	71	7 364	10,968	33,225	3,029	2,559
44	22	96 694	4 445,468	57 495,964	12,934	12,464	94	72	5 563	7,726	22,257	2,881	2,411
45	23	96 480	4 135,784	53 050,497	12,827	12,357	95	73	4 092	5,300	14,530	2,742	2,272
46	24	96 244	3 846,788	48 914,713	12,716	12,246	96	74	2 927	3,534	9,231	2,612	2,142
47	25	95 987	3 577,154	45 067,924	12,599	12,129	97	75	2 032	2,287	5,697	2,491	2,021
48	26	95 688	3 324,982	41 490,771	12,478	12,009	98	76	1 366	1,434	3,409	2,378	1,908
49	27	95 359	3 089,541	38 165,789	12,353	11,883	99	77	888	0,869	1,976	2,273	1,803
							100	78	557	0,509	1,107	2,175	1,705

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß   7,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	27	95 017	2 870,367	35 106,391	12,231	11,761
1							51	28	94 612	2 664,910	32 236,024	12,096	11,627
2							52	29	94 140	2 472,383	29 571,114	11,961	11,491
3							53	30	93 642	2 293,054	27 098,730	11,818	11,348
4							54	31	93 099	2 125,643	24 805,676	11,670	11,200
5							55	32	92 494	1 969,082	22 680,033	11,518	11,048
6							56	33	91 836	1 822,905	20 710,951	11,362	10,892
7							57	34	91 133	1 686,673	18 888,045	11,198	10,729
8							58	35	90 362	1 559,340	17 201,373	11,031	10,561
9							59	36	89 531	1 440,571	15 642,032	10,858	10,388
10							60	37	88 635	1 329,739	14 201,462	10,680	10,210
11							61	38	87 667	1 226,311	12 871,723	10,496	10,026
12							62	39	86 640	1 130,018	11 645,412	10,306	9,836
13							63	40	85 545	1 040,309	10 515,394	10,108	9,638
14							64	41	84 403	957,045	9 475,085	9,900	9,430
15							65	42	83 147	879,066	8 518,040	9,690	9,220
16							66	43	81 822	806,581	7 638,974	9,471	9,001
17							67	44	80 386	738,859	6 832,393	9,247	8,777
18							68	45	78 860	675,835	6 093,534	9,016	8,546
19							69	46	77 252	617,299	5 417,698	8,776	8,307
20							70	47	75 527	562,722	4 800,400	8,531	8,061
21							71	48	73 687	511,898	4 237,678	8,278	7,808
22							72	49	71 723	464,573	3 725,780	8,020	7,550
23	0	99 101	19 812,635	281 269,943	14,196	13,727	73	50	69 635	420,559	3 261,207	7,754	7,285
24	1	98 737	18 405,452	261 457,308	14,205	13,736	74	51	67 408	379,586	2 840,649	7,484	7,014
25	2	98 656	17 147,130	243 051,856	14,174	13,705	75	52	64 966	341,103	2 461,062	7,215	6,745
26	3	98 587	15 976,837	225 904,726	14,140	13,670	76	53	62 362	305,298	2 119,959	6,944	6,474
27	4	98 519	14 886,498	209 927,890	14,102	13,632	77	54	59 587	271,993	1 814,661	6,672	6,202
28	5	98 445	13 869,746	195 041,391	14,062	13,592	78	55	56 620	240,980	1 542,669	6,402	5,932
29	6	98 376	12 923,087	181 171,645	14,019	13,549	79	56	53 439	212,068	1 301,689	6,138	5,668
30	7	98 302	12 040,526	168 248,559	13,974	13,504	80	57	50 104	185,393	1 089,621	5,877	5,407
31	8	98 231	11 218,451	156 208,033	13,924	13,454	81	58	46 658	160,969	904,229	5,617	5,147
32	9	98 154	10 451,858	144 989,582	13,872	13,402	82	59	43 068	138,540	743,259	5,365	4,895
33	10	98 075	9 737,487	134 537,724	13,816	13,347	83	60	39 421	118,237	604,720	5,114	4,645
34	11	97 993	9 071,667	124 800,237	13,757	13,287	84	61	35 762	100,012	486,482	4,864	4,394
35	12	97 908	8 451,046	115 728,570	13,694	13,224	85	62	32 065	83,611	386,471	4,622	4,152
36	13	97 817	7 872,511	107 277,524	13,627	13,157	86	63	28 402	69,052	302,860	4,386	3,916
37	14	97 722	7 333,214	99 405,013	13,555	13,086	87	64	24 799	56,218	233,808	4,159	3,689
38	15	97 619	6 830,267	92 071,799	13,480	13,010	88	65	21 288	44,995	177,590	3,947	3,477
39	16	97 500	6 360,747	85 241,532	13,401	12,931	89	66	17 989	35,452	132,595	3,740	3,270
40	17	97 373	5 923,046	78 880,786	13,318	12,848	90	67	14 852	27,291	97,143	3,560	3,090
41	18	97 232	5 514,684	72 957,739	13,230	12,760	91	68	12 126	20,776	69,852	3,362	2,892
42	19	97 077	5 133,682	67 443,055	13,137	12,667	92	69	9 609	15,350	49,075	3,197	2,727
43	20	96 908	4 778,342	62 309,374	13,040	12,570	93	70	7 450	11,097	33,725	3,039	2,569
44	21	96 714	4 446,398	57 531,032	12,939	12,469	94	71	5 636	7,827	22,628	2,891	2,421
45	22	96 501	4 136,712	53 084,634	12,833	12,363	95	72	4 153	5,377	14,801	2,752	2,283
46	23	96 266	3 847,668	48 947,922	12,721	12,252	96	73	2 975	3,593	9,424	2,623	2,153
47	24	96 006	3 577,877	45 100,254	12,605	12,135	97	74	2 070	2,331	5,831	2,502	2,032
48	25	95 710	3 325,713	41 522,377	12,485	12,015	98	75	1 396	1,465	3,500	2,389	1,919
49	26	95 382	3 090,273	38 196,664	12,360	11,890	99	76	910	0,891	2,035	2,284	1,814
							100	77	573	0,523	1,144	2,187	1,717

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß   7,25%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	26	95 040	2 871,047	35 133,968	12,237	11,767
1							51	27	94 637	2 665,626	32 262,921	12,103	11,633
2							52	28	94 164	2 473,009	29 597,295	11,968	11,498
3							53	29	93 669	2 293,713	27 124,286	11,825	11,356
4							54	30	93 125	2 126,245	24 830,573	11,678	11,208
5							55	31	92 522	1 969,677	22 704,329	11,527	11,057
6							56	32	91 869	1 823,552	20 734,652	11,370	10,901
7							57	33	91 167	1 687,289	18 911,100	11,208	10,738
8							58	34	90 400	1 560,003	17 223,810	11,041	10,571
9							59	35	89 567	1 441,144	15 663,807	10,869	10,399
10							60	36	88 677	1 330,371	14 222,663	10,691	10,221
11							61	37	87 714	1 226,966	12 892,292	10,507	10,038
12							62	38	86 688	1 130,647	11 665,326	10,317	9,847
13							63	39	85 601	1 040,998	10 534,679	10,120	9,650
14							64	40	84 463	957,721	9 493,681	9,913	9,443
15							65	41	83 214	879,771	8 535,960	9,702	9,233
16							66	42	81 895	807,299	7 656,189	9,484	9,014
17							67	43	80 468	739,617	6 848,890	9,260	8,790
18							68	44	78 949	676,595	6 109,273	9,029	8,560
19							69	45	77 350	618,083	5 432,678	8,790	8,320
20							70	46	75 634	563,516	4 814,595	8,544	8,074
21							71	47	73 808	512,736	4 251,079	8,291	7,821
22							72	48	71 850	465,396	3 738,343	8,033	7,563
23							73	49	69 779	421,426	3 272,947	7,766	7,296
24	0	99 050	18 463,662	261 571,073	14,167	13,697	74	50	67 557	380,424	2 851,521	7,496	7,026
25	1	98 682	17 151,658	243 107,411	14,174	13,704	75	51	65 125	341,940	2 471,097	7,227	6,757
26	2	98 602	15 979,217	225 955,754	14,141	13,671	76	52	62 533	306,138	2 129,157	6,955	6,485
27	3	98 530	14 888,162	209 976,537	14,104	13,634	77	53	59 766	272,813	1 823,018	6,682	6,212
28	4	98 457	13 871,399	195 088,375	14,064	13,594	78	54	56 801	241,751	1 550,205	6,412	5,943
29	5	98 386	12 924,393	181 216,976	14,021	13,551	79	55	53 629	212,822	1 308,454	6,148	5,678
30	6	98 311	12 041,574	168 292,583	13,976	13,506	80	56	50 294	186,095	1 095,633	5,888	5,418
31	7	98 240	11 219,414	156 251,009	13,927	13,457	81	57	46 845	161,615	909,538	5,628	5,158
32	8	98 161	10 452,628	145 031,595	13,875	13,405	82	58	43 259	139,154	747,923	5,375	4,905
33	9	98 082	9 738,159	134 578,967	13,820	13,350	83	59	39 608	118,798	608,769	5,124	4,655
34	10	98 000	9 072,311	124 840,808	13,761	13,291	84	60	35 956	100,554	489,971	4,873	4,403
35	11	97 915	8 451,722	115 768,497	13,698	13,228	85	61	32 251	84,094	389,417	4,631	4,161
36	12	97 825	7 873,144	107 316,775	13,631	13,161	86	62	28 582	69,490	305,323	4,394	3,924
37	13	97 731	7 333,871	99 443,631	13,560	13,090	87	63	24 967	56,599	235,833	4,167	3,697
38	14	97 630	6 831,007	92 109,760	13,484	13,014	88	64	21 445	45,328	179,234	3,954	3,484
39	15	97 512	6 361,547	85 278,753	13,405	12,935	89	65	18 130	35,731	133,905	3,748	3,278
40	16	97 388	5 923,958	78 917,206	13,322	12,852	90	66	14 980	27,527	98,174	3,567	3,097
41	17	97 248	5 515,569	72 993,248	13,234	12,764	91	67	12 238	20,968	70,648	3,369	2,899
42	18	97 099	5 134,855	67 477,679	13,141	12,671	92	68	9 703	15,501	49,680	3,205	2,735
43	19	96 928	4 779,329	62 342,824	13,044	12,574	93	69	7 530	11,216	34,179	3,047	2,577
44	20	96 736	4 447,386	57 563,496	12,943	12,473	94	70	5 702	7,919	22,963	2,900	2,430
45	21	96 522	4 137,578	53 116,110	12,837	12,368	95	71	4 207	5,448	15,044	2,762	2,292
46	22	96 288	3 848,531	48 978,532	12,727	12,257	96	72	3 019	3,645	9,596	2,632	2,162
47	23	96 028	3 578,695	45 130,001	12,611	12,141	97	73	2 104	2,369	5,951	2,512	2,042
48	24	95 729	3 326,386	41 551,306	12,491	12,022	98	74	1 422	1,493	3,582	2,399	1,929
49	25	95 403	3 090,953	38 224,920	12,367	11,897	99	75	930	0,910	2,089	2,294	1,824
							100	76	588	0,536	1,178	2,197	1,727

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß   7,25%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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23						
24						
25	0	98 994	17 205,902	243 212,315	14,135	13,666
26	1	98 628	15 983,436	226 006,412	14,140	13,670
27	2	98 545	14 890,380	210 022,977	14,105	13,635
28	3	98 468	13 872,949	195 132,597	14,066	13,596
29	4	98 397	12 925,934	181 259,648	14,023	13,553
30	5	98 321	12 042,792	168 333,714	13,978	13,508
31	6	98 248	11 220,391	156 290,922	13,929	13,459
32	7	98 169	10 453,525	145 070,532	13,878	13,408
33	8	98 089	9 738,876	134 617,006	13,823	13,353
34	9	98 007	9 072,937	124 878,131	13,764	13,294
35	10	97 922	8 452,322	115 805,194	13,701	13,231
36	11	97 833	7 873,774	107 352,872	13,634	13,164
37	12	97 739	7 334,461	99 479,097	13,563	13,093
38	13	97 638	6 831,619	92 144,636	13,488	13,018
39	14	97 522	6 362,237	85 313,017	13,409	12,939
40	15	97 400	5 924,703	78 950,781	13,326	12,856
41	16	97 263	5 516,418	73 026,078	13,238	12,768
42	17	97 115	5 135,679	67 509,660	13,145	12,675
43	18	96 951	4 780,421	62 373,981	13,048	12,578
44	19	96 756	4 448,304	57 593,560	12,947	12,477
45	20	96 543	4 138,497	53 145,256	12,842	12,372
46	21	96 308	3 849,337	49 006,759	12,731	12,261
47	22	96 050	3 579,498	45 157,423	12,616	12,146
48	23	95 751	3 327,146	41 577,925	12,497	12,027
49	24	95 422	3 091,578	38 250,779	12,373	11,903
50	25	95 061	2 871,679	35 159,201	12,243	11,774
51	26	94 660	2 666,257	32 287,522	12,110	11,640
52	27	94 189	2 473,673	29 621,265	11,975	11,505
53	28	93 693	2 294,293	27 147,592	11,833	11,363
54	29	93 152	2 126,855	24 853,299	11,685	11,216
55	30	92 549	1 970,235	22 726,444	11,535	11,065
56	31	91 896	1 824,103	20 756,209	11,379	10,909
57	32	91 199	1 687,888	18 932,107	11,216	10,747
58	33	90 433	1 560,573	17 244,219	11,050	10,580
59	34	89 605	1 441,756	15 683,646	10,878	10,408
60	35	88 712	1 330,901	14 241,889	10,701	10,231
61	36	87 755	1 227,549	12 910,988	10,518	10,048
62	37	86 734	1 131,251	11 683,439	10,328	9,858
63	38	85 649	1 041,578	10 552,188	10,131	9,661
64	39	84 519	958,355	9 510,611	9,924	9,454
65	40	83 272	880,393	8 552,255	9,714	9,244
66	41	81 960	807,947	7 671,862	9,496	9,026
67	42	80 540	740,275	6 863,916	9,272	8,802
68	43	79 030	677,289	6 123,640	9,041	8,572
69	44	77 437	618,778	5 446,351	8,802	8,332
70	45	75 730	564,232	4 827,573	8,556	8,086
71	46	73 912	513,460	4 263,341	8,303	7,833
72	47	71 968	466,158	3 749,882	8,044	7,574
73	48	69 903	422,172	3 283,723	7,778	7,308
74	49	67 696	381,209	2 861,551	7,507	7,037
75	50	65 269	342,695	2 480,342	7,238	6,768
76	51	62 687	306,889	2 137,647	6,966	6,496
77	52	59 931	273,564	1 830,758	6,692	6,222
78	53	56 973	242,480	1 557,194	6,422	5,952
79	54	53 801	213,503	1 314,714	6,158	5,688
80	55	50 473	186,756	1 101,211	5,897	5,427
81	56	47 022	162,227	914,455	5,637	5,167
82	57	43 432	139,712	752,227	5,384	4,914
83	58	39 784	119,325	612,515	5,133	4,663
84	59	36 127	101,031	493,191	4,882	4,412
85	60	32 425	84,550	392,160	4,638	4,168
86	61	28 747	69,892	307,610	4,401	3,931
87	62	25 126	56,958	237,718	4,174	3,704
88	63	21 591	45,636	180,760	3,961	3,491
89	64	18 265	35,996	135,124	3,754	3,284
90	65	15 098	27,743	99,128	3,573	3,103
91	66	12 344	21,149	71,385	3,375	2,905
92	67	9 793	15,644	50,237	3,211	2,741
93	68	7 604	11,326	34,593	3,054	2,584
94	69	5 763	8,004	23,266	2,907	2,437
95	70	4 256	5,512	15,263	2,769	2,299
96	71	3 059	3,693	9,751	2,640	2,171
97	72	2 135	2,404	6,058	2,520	2,050
98	73	1 446	1,518	3,654	2,408	1,938
99	74	948	0,928	2,137	2,303	1,833
100	75	601	0,548	1,209	2,205	1,735

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß   7,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	0	100 000	100 000,000	1 407 956,473	14,080	13,609	50	50	93 336	2 509,711	28 665,367	11,422	10,951
1	1	99 299	92 371,320	1 307 956,473	14,160	13,689	51	51	92 757	2 320,152	26 155,656	11,273	10,803
2	2	99 240	85 876,019	1 215 585,153	14,155	13,685	52	52	92 093	2 142,814	23 835,504	11,123	10,653
3	3	99 207	79 857,695	1 129 709,134	14,147	13,676	53	53	91 380	1 977,892	21 692,689	10,968	10,497
4	4	99 182	74 267,598	1 049 851,439	14,136	13,666	54	54	90 602	1 824,243	19 714,797	10,807	10,337
5	5	99 157	69 068,731	975 583,841	14,125	13,655	55	55	89 754	1 681,079	17 890,554	10,642	10,172
6	6	99 136	64 236,548	906 515,109	14,112	13,642	56	56	88 831	1 547,710	16 209,475	10,473	10,003
7	7	99 117	59 743,411	842 278,562	14,098	13,628	57	57	87 851	1 423,845	14 661,765	10,297	9,827
8	8	99 101	55 565,918	782 535,151	14,083	13,613	58	58	86 796	1 308,600	13 237,920	10,116	9,646
9	9	99 085	51 681,114	726 969,233	14,066	13,596	59	59	85 653	1 201,273	11 929,320	9,931	9,460
10	10	99 070	48 068,363	675 288,119	14,048	13,578	60	60	84 435	1 101,573	10 728,047	9,739	9,269
11	11	99 055	44 707,587	627 219,756	14,029	13,559	61	61	83 107	1 008,605	9 626,474	9,544	9,074
12	12	99 038	41 581,559	582 512,169	14,009	13,539	62	62	81 707	922,430	8 617,869	9,343	8,872
13	13	99 019	38 673,102	540 930,610	13,987	13,517	63	63	80 218	842,440	7 695,439	9,135	8,664
14	14	98 999	35 967,767	502 257,508	13,964	13,494	64	64	78 670	768,543	6 852,999	8,917	8,447
15	15	98 974	33 449,740	466 289,741	13,940	13,470	65	65	76 991	699,666	6 084,455	8,696	8,226
16	16	98 944	31 106,584	432 840,001	13,915	13,444	66	66	75 240	636,045	5 384,789	8,466	7,996
17	17	98 903	28 924,391	401 733,417	13,889	13,419	67	67	73 362	576,905	4 748,744	8,231	7,761
18	18	98 853	26 892,979	372 809,026	13,863	13,392	68	68	71 392	522,247	4 171,839	7,988	7,518
19	19	98 783	24 998,968	345 916,047	13,837	13,367	69	69	69 345	471,882	3 649,592	7,734	7,264
20	20	98 714	23 238,689	320 917,079	13,810	13,339	70	70	67 172	425,202	3 177,710	7,473	7,003
21	21	98 639	21 600,961	297 678,389	13,781	13,311	71	71	64 881	382,045	2 752,508	7,205	6,734
22	22	98 566	20 078,856	276 077,428	13,750	13,279	72	72	62 449	342,070	2 370,463	6,930	6,459
23	23	98 491	18 663,892	255 998,572	13,716	13,246	73	73	59 876	305,096	2 028,393	6,648	6,178
24	24	98 417	17 348,717	237 334,680	13,680	13,210	74	74	57 144	270,861	1 723,297	6,362	5,892
25	25	98 342	16 126,051	219 985,963	13,642	13,171	75	75	54 182	238,901	1 452,436	6,080	5,609
26	26	98 266	14 989,438	203 859,912	13,600	13,130	76	76	51 034	209,324	1 213,535	5,797	5,327
27	27	98 186	13 932,264	188 870,474	13,556	13,086	77	77	47 712	182,045	1 004,211	5,516	5,046
28	28	98 098	12 948,562	174 938,210	13,510	13,040	78	78	44 221	156,953	822,166	5,238	4,768
29	29	98 014	12 034,892	161 989,648	13,460	12,990	79	79	40 542	133,856	665,214	4,970	4,499
30	30	97 921	11 184,676	149 954,756	13,407	12,937	80	80	36 771	112,934	531,358	4,705	4,235
31	31	97 831	10 394,750	138 770,080	13,350	12,880	81	81	32 943	94,119	418,423	4,446	3,975
32	32	97 732	9 659,715	128 375,330	13,290	12,819	82	82	29 089	77,311	324,305	4,195	3,725
33	33	97 625	8 975,993	118 715,615	13,226	12,756	83	83	25 277	62,493	246,994	3,952	3,482
34	34	97 515	8 340,336	109 739,623	13,158	12,687	84	84	21 610	49,698	184,501	3,712	3,242
35	35	97 396	7 749,006	101 399,286	13,085	12,615	85	85	18 078	38,676	134,804	3,485	3,015
36	36	97 276	7 199,458	93 650,281	13,008	12,538	86	86	14 781	29,415	96,128	3,268	2,798
37	37	97 144	6 688,091	86 450,823	12,926	12,456	87	87	11 769	21,788	66,713	3,062	2,592
38	38	97 000	6 212,259	79 762,732	12,840	12,369	88	88	9 075	15,629	44,925	2,874	2,404
39	39	96 839	5 769,280	73 550,473	12,749	12,278	89	89	6 784	10,868	29,296	2,696	2,225
40	40	96 664	5 357,065	67 781,193	12,653	12,182	90	90	4 850	7,227	18,428	2,550	2,079
41	41	96 472	4 973,409	62 424,128	12,552	12,081	91	91	3 378	4,682	11,200	2,392	1,922
42	42	96 263	4 616,388	57 450,719	12,445	11,975	92	92	2 223	2,866	6,518	2,274	1,804
43	43	96 030	4 283,930	52 834,332	12,333	11,863	93	93	1 412	1,694	3,652	2,156	1,686
44	44	95 760	3 973,872	48 550,402	12,217	11,747	94	94	857	0,956	1,958	2,048	1,578
45	45	95 463	3 685,127	44 576,530	12,096	11,626	95	95	495	0,514	1,002	1,950	1,480
46	46	95 130	3 416,091	40 891,403	11,970	11,500	96	96	272	0,262	0,488	1,861	1,391
47	47	94 761	3 165,432	37 475,312	11,839	11,369	97	97	141	0,127	0,226	1,780	1,310
48	48	94 333	2 931,287	34 309,881	11,705	11,234	98	98	69	0,058	0,099	1,706	1,236
49	49	93 864	2 713,226	31 378,594	11,565	11,095	99	99	32	0,025	0,041	1,639	1,169
							100	100	14	0,010	0,016	1,578	1,108

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß   7,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä_{xy}^{(12)}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä_{xy}^{(12)}$
0	1	99 685	99 684,731	1 407 199,674	14,117	13,646	50	51	93 130	2 504,182	28 466,369	11,368	10,897
1	2	99 273	92 346,937	1 307 514,943	14,159	13,688	51	52	92 530	2 314,475	25 962,187	11,217	10,747
2	3	99 226	85 863,228	1 215 168,006	14,152	13,682	52	53	91 840	2 136,932	23 647,711	11,066	10,596
3	4	99 196	79 848,772	1 129 304,778	14,143	13,673	53	54	91 105	1 971,946	21 510,779	10,908	10,438
4	5	99 170	74 258,747	1 049 456,006	14,132	13,662	54	55	90 313	1 818,421	19 538,834	10,745	10,275
5	6	99 147	69 061,750	975 197,258	14,121	13,650	55	56	89 436	1 675,123	17 720,413	10,579	10,108
6	7	99 128	64 230,953	906 135,508	14,107	13,637	56	57	88 496	1 541,872	16 045,290	10,406	9,936
7	8	99 109	59 738,284	841 904,555	14,093	13,623	57	58	87 500	1 418,154	14 503,418	10,227	9,757
8	9	99 093	55 561,826	782 166,271	14,077	13,607	58	59	86 413	1 302,826	13 085,264	10,044	9,573
9	10	99 078	51 677,549	726 604,446	14,060	13,590	59	60	85 248	1 195,601	11 782,438	9,855	9,385
10	11	99 063	48 064,952	674 926,897	14,042	13,572	60	61	83 980	1 095,636	10 586,837	9,663	9,192
11	12	99 047	44 704,012	626 861,945	14,022	13,552	61	62	82 629	1 002,809	9 491,201	9,465	8,994
12	13	99 030	41 578,211	582 157,933	14,002	13,531	62	63	81 191	916,612	8 488,392	9,261	8,790
13	14	99 010	38 669,638	540 579,722	13,979	13,509	63	64	79 678	836,764	7 571,780	9,049	8,579
14	15	98 989	35 963,868	501 910,084	13,956	13,486	64	65	78 092	762,895	6 735,016	8,828	8,358
15	16	98 961	33 445,532	465 946,216	13,931	13,461	65	66	76 390	694,202	5 972,121	8,603	8,133
16	17	98 928	31 101,798	432 500,684	13,906	13,436	66	67	74 596	630,604	5 277,919	8,370	7,899
17	18	98 887	28 919,750	401 398,886	13,880	13,409	67	68	72 692	571,637	4 647,315	8,130	7,660
18	19	98 831	26 886,836	372 479,136	13,854	13,383	68	69	70 699	517,176	4 075,678	7,881	7,410
19	20	98 763	24 993,805	345 592,300	13,827	13,357	69	70	68 609	466,870	3 558,503	7,622	7,152
20	21	98 693	23 233,530	320 598,495	13,799	13,329	70	71	66 392	420,268	3 091,633	7,356	6,886
21	22	98 619	21 596,441	297 364,964	13,769	13,299	71	72	64 045	377,126	2 671,366	7,083	6,613
22	23	98 543	20 074,351	275 768,524	13,737	13,267	72	73	61 545	337,117	2 294,240	6,805	6,335
23	24	98 469	18 659,626	255 694,172	13,703	13,233	73	74	58 903	300,135	1 957,123	6,521	6,051
24	25	98 397	17 345,210	237 034,546	13,666	13,195	74	75	56 081	265,821	1 656,988	6,233	5,763
25	26	98 321	16 122,503	219 689,336	13,626	13,156	75	76	53 019	233,775	1 391,166	5,951	5,481
26	27	98 243	14 985,891	203 566,832	13,584	13,114	76	77	49 784	204,197	1 157,392	5,668	5,198
27	28	98 160	13 928,521	188 580,942	13,539	13,069	77	78	46 390	176,998	953,195	5,385	4,915
28	29	98 073	12 945,288	174 652,421	13,492	13,021	78	79	42 803	151,919	776,197	5,109	4,639
29	30	97 986	12 031,439	161 707,133	13,440	12,970	79	80	39 070	128,996	624,278	4,840	4,369
30	31	97 894	11 181,511	149 675,694	13,386	12,916	80	81	35 235	108,217	495,281	4,577	4,106
31	32	97 801	10 391,610	138 494,183	13,327	12,857	81	82	31 375	89,639	387,064	4,318	3,848
32	33	97 697	9 656,290	128 102,573	13,266	12,796	82	83	27 485	73,047	297,425	4,072	3,601
33	34	97 589	8 972,711	118 446,283	13,201	12,730	83	84	23 692	58,574	224,377	3,831	3,360
34	35	97 474	8 336,794	109 473,572	13,131	12,661	84	85	20 047	46,104	165,803	3,596	3,126
35	36	97 358	7 745,923	101 136,778	13,057	12,586	85	86	16 582	35,475	119,700	3,374	2,904
36	37	97 230	7 196,036	93 390,855	12,978	12,508	86	87	13 388	26,644	84,225	3,161	2,691
37	38	97 092	6 684,522	86 194,819	12,895	12,424	87	88	10 495	19,429	57,581	2,964	2,493
38	39	96 946	6 208,801	79 510,297	12,806	12,336	88	89	7 966	13,718	38,152	2,781	2,311
39	40	96 775	5 765,464	73 301,496	12,714	12,244	89	90	5 824	9,330	24,435	2,619	2,149
40	41	96 596	5 353,282	67 536,033	12,616	12,146	90	91	4 099	6,109	15,105	2,473	2,002
41	42	96 395	4 969,422	62 182,751	12,513	12,043	91	92	2 778	3,850	8,996	2,336	1,866
42	43	96 177	4 612,279	57 213,329	12,405	11,934	92	93	1 802	2,324	5,146	2,214	1,744
43	44	95 932	4 279,543	52 601,050	12,291	11,821	93	94	1 119	1,343	2,822	2,102	1,631
44	45	95 653	3 969,408	48 321,507	12,173	11,703	94	95	663	0,740	1,479	1,999	1,528
45	46	95 341	3 680,450	44 352,099	12,051	11,580	95	96	374	0,388	0,739	1,905	1,435
46	47	94 996	3 411,277	40 671,649	11,923	11,452	96	97	200	0,193	0,351	1,820	1,350
47	48	94 606	3 160,256	37 260,372	11,790	11,320	97	98	101	0,091	0,158	1,742	1,272
48	49	94 166	2 926,103	34 100,116	11,654	11,183	98	99	48	0,040	0,067	1,672	1,202
49	50	93 671	2 707,643	31 174,012	11,513	11,043	99	100	22	0,017	0,027	1,608	1,138

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß   7,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	2	99 658	99 658,418	1 406 717,358	14,115	13,645	50	52	92 902	2 498,055	28 251,017	11,309	10,839
1	3	99 258	92 333,183	1 307 058,940	14,156	13,686	51	53	92 276	2 308,121	25 752,962	11,158	10,687
2	4	99 215	85 853,634	1 214 725,757	14,149	13,679	52	54	91 564	2 130,507	23 444,840	11,004	10,534
3	5	99 184	79 839,256	1 128 872,123	14,139	13,669	53	55	90 815	1 965,653	21 314,333	10,843	10,373
4	6	99 160	74 251,242	1 049 032,867	14,128	13,658	54	56	89 993	1 811,978	19 348,681	10,678	10,208
5	7	99 138	69 055,736	974 781,626	14,116	13,646	55	57	89 099	1 668,804	17 536,702	10,509	10,038
6	8	99 119	64 225,441	905 725,890	14,102	13,632	56	58	88 142	1 535,710	15 867,899	10,333	9,862
7	9	99 101	59 733,884	841 500,449	14,087	13,617	57	59	87 113	1 411,897	14 332,189	10,151	9,681
8	10	99 086	55 557,993	781 766,565	14,071	13,601	58	60	86 005	1 296,674	12 920,292	9,964	9,494
9	11	99 071	51 673,881	726 208,573	14,054	13,583	59	61	84 789	1 189,157	11 623,618	9,775	9,304
10	12	99 055	48 061,108	674 534,691	14,035	13,565	60	62	83 497	1 089,340	10 434,461	9,579	9,108
11	13	99 039	44 700,413	626 473,583	14,015	13,545	61	63	82 108	996,484	9 345,121	9,378	8,908
12	14	99 021	41 574,487	581 773,170	13,994	13,523	62	64	80 644	910,436	8 348,637	9,170	8,700
13	15	99 000	38 665,446	540 198,683	13,971	13,501	63	65	79 092	830,614	7 438,201	8,955	8,485
14	16	98 976	35 959,344	501 533,237	13,947	13,477	64	66	77 482	756,937	6 607,587	8,729	8,259
15	17	98 946	33 440,386	465 573,892	13,923	13,452	65	67	75 736	688,264	5 850,650	8,501	8,030
16	18	98 913	31 096,807	432 133,506	13,896	13,426	66	68	73 915	624,845	5 162,387	8,262	7,792
17	19	98 864	28 913,144	401 036,700	13,870	13,400	67	69	71 986	566,086	4 537,542	8,016	7,545
18	20	98 810	26 881,283	372 123,555	13,843	13,373	68	70	69 948	511,683	3 971,456	7,762	7,291
19	21	98 741	24 988,257	345 242,272	13,816	13,346	69	71	67 813	461,452	3 459,773	7,498	7,027
20	22	98 672	23 228,668	320 254,016	13,787	13,317	70	72	65 537	414,856	2 998,322	7,227	6,757
21	23	98 597	21 591,596	297 025,348	13,757	13,286	71	73	63 118	371,666	2 583,466	6,951	6,481
22	24	98 521	20 069,763	275 433,752	13,724	13,254	72	74	60 544	331,635	2 211,800	6,669	6,199
23	25	98 449	18 655,854	255 363,989	13,688	13,218	73	75	57 807	294,550	1 880,165	6,383	5,913
24	26	98 376	17 341,395	236 708,135	13,650	13,180	74	76	54 878	260,117	1 585,615	6,096	5,625
25	27	98 297	16 118,688	219 366,740	13,609	13,139	75	77	51 721	228,049	1 325,497	5,812	5,342
26	28	98 217	14 981,865	203 248,052	13,566	13,096	76	78	48 404	198,535	1 097,448	5,528	5,057
27	29	98 135	13 924,999	188 266,188	13,520	13,050	77	79	44 902	171,322	898,913	5,247	4,777
28	30	98 045	12 941,574	174 341,189	13,471	13,001	78	80	41 249	146,404	727,591	4,970	4,499
29	31	97 958	12 028,034	161 399,615	13,419	12,948	79	81	37 438	123,609	581,187	4,702	4,232
30	32	97 864	11 178,134	149 371,582	13,363	12,893	80	82	33 558	103,067	457,579	4,440	3,969
31	33	97 767	10 387,927	138 193,448	13,303	12,833	81	83	29 645	84,696	354,511	4,186	3,715
32	34	97 661	9 652,760	127 805,521	13,240	12,770	82	84	25 762	68,467	269,815	3,941	3,471
33	35	97 548	8 968,899	118 152,762	13,174	12,703	83	85	21 979	54,338	201,348	3,705	3,235
34	36	97 435	8 333,478	109 183,862	13,102	12,632	84	86	18 388	42,288	147,010	3,476	3,006
35	37	97 311	7 742,242	100 850,385	13,026	12,556	85	87	15 020	32,133	104,722	3,259	2,789
36	38	97 178	7 192,196	93 108,142	12,946	12,475	86	88	11 938	23,758	72,589	3,055	2,585
37	39	97 038	6 680,800	85 915,946	12,860	12,390	87	89	9 211	17,053	48,831	2,864	2,393
38	40	96 882	6 204,693	79 235,146	12,770	12,300	88	90	6 838	11,776	31,778	2,698	2,228
39	41	96 707	5 761,392	73 030,453	12,676	12,206	89	91	4 923	7,886	20,002	2,536	2,066
40	42	96 518	5 348,991	67 269,061	12,576	12,106	90	92	3 371	5,023	12,116	2,412	1,942
41	43	96 309	4 964,999	61 920,070	12,471	12,001	91	93	2 252	3,122	7,093	2,272	1,802
42	44	96 078	4 607,556	56 955,071	12,361	11,891	92	94	1 429	1,842	3,971	2,156	1,686
43	45	95 824	4 274,737	52 347,515	12,246	11,776	93	95	867	1,040	2,129	2,048	1,578
44	46	95 532	3 964,370	48 072,778	12,126	11,656	94	96	501	0,559	1,090	1,950	1,480
45	47	95 207	3 675,264	44 108,408	12,001	11,531	95	97	275	0,285	0,531	1,861	1,391
46	48	94 841	3 405,699	40 433,144	11,872	11,402	96	98	143	0,138	0,246	1,780	1,310
47	49	94 439	3 154,667	37 027,445	11,737	11,267	97	99	70	0,063	0,108	1,706	1,236
48	50	93 973	2 920,082	33 872,778	11,600	11,130	98	100	33	0,027	0,045	1,639	1,169
49	51	93 465	2 701,679	30 952,695	11,457	10,987							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß   7,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$
0	3	99 644	99 643,575	1 406 219,141	14,112	13,642	50	53	92 647	2 491,197	28 018,357	11,247	10,777
1	4	99 247	92 322,866	1 306 575,566	14,152	13,682	51	54	91 999	2 301,182	25 527,160	11,093	10,623
2	5	99 203	85 843,402	1 214 252,700	14,145	13,675	52	55	91 271	2 123,708	23 225,978	10,937	10,466
3	6	99 174	79 831,186	1 128 409,297	14,135	13,665	53	56	90 493	1 958,688	21 102,270	10,774	10,303
4	7	99 152	74 244,775	1 048 578,111	14,123	13,653	54	57	89 654	1 805,143	19 143,582	10,605	10,135
5	8	99 130	69 049,809	974 333,336	14,111	13,640	55	58	88 742	1 662,134	17 338,439	10,431	9,961
6	9	99 112	64 220,711	905 283,527	14,096	13,626	56	59	87 753	1 528,934	15 676,305	10,253	9,783
7	10	99 095	59 729,763	841 062,817	14,081	13,611	57	60	86 702	1 405,230	14 147,371	10,068	9,597
8	11	99 079	55 554,050	781 333,053	14,064	13,594	58	61	85 541	1 289,686	12 742,141	9,880	9,410
9	12	99 063	51 669,749	725 779,003	14,046	13,576	59	62	84 302	1 182,323	11 452,455	9,686	9,216
10	13	99 047	48 057,239	674 109,254	14,027	13,557	60	63	82 970	1 082,469	10 270,132	9,488	9,017
11	14	99 030	44 696,409	626 052,015	14,007	13,536	61	64	81 555	989,769	9 187,663	9,283	8,812
12	15	99 011	41 569,981	581 355,606	13,985	13,515	62	65	80 052	903,745	8 197,894	9,071	8,601
13	16	98 987	38 660,583	539 785,625	13,962	13,492	63	66	78 474	824,127	7 294,149	8,851	8,380
14	17	98 961	35 953,811	501 125,043	13,938	13,468	64	67	76 819	750,462	6 470,022	8,621	8,151
15	18	98 930	33 435,020	465 171,231	13,913	13,442	65	68	75 045	681,978	5 719,560	8,387	7,916
16	19	98 890	31 089,704	431 736,212	13,887	13,417	66	69	73 197	618,777	5 037,582	8,141	7,671
17	20	98 844	28 907,173	400 646,508	13,860	13,389	67	70	71 222	560,073	4 418,804	7,890	7,419
18	21	98 788	26 875,316	371 739,335	13,832	13,362	68	71	69 136	505,745	3 858,731	7,630	7,160
19	22	98 720	24 983,027	344 864,020	13,804	13,334	69	72	66 939	455,509	3 352,986	7,361	6,891
20	23	98 650	23 223,457	319 880,993	13,774	13,304	70	73	64 589	408,850	2 897,477	7,087	6,617
21	24	98 574	21 586,660	296 657,536	13,743	13,272	71	74	62 092	365,622	2 488,627	6,807	6,336
22	25	98 501	20 065,706	275 070,875	13,709	13,238	72	75	59 417	325,464	2 123,005	6,523	6,053
23	26	98 427	18 651,750	255 005,169	13,672	13,202	73	76	56 566	288,230	1 797,541	6,236	5,766
24	27	98 352	17 337,291	236 353,419	13,633	13,162	74	77	53 534	253,746	1 509,311	5,948	5,478
25	28	98 271	16 114,358	219 016,128	13,591	13,121	75	78	50 287	221,727	1 255,565	5,663	5,192
26	29	98 192	14 978,076	202 901,771	13,547	13,076	76	79	46 852	192,169	1 033,839	5,380	4,910
27	30	98 107	13 921,003	187 923,695	13,499	13,029	77	80	43 272	165,102	841,670	5,098	4,628
28	31	98 017	12 937,911	174 002,692	13,449	12,979	78	81	39 526	140,289	676,568	4,823	4,352
29	32	97 928	12 024,401	161 064,781	13,395	12,925	79	82	35 657	117,726	536,278	4,555	4,085
30	33	97 829	11 174,171	149 040,380	13,338	12,868	80	83	31 708	97,384	418,552	4,298	3,828
31	34	97 731	10 384,128	137 866,208	13,277	12,806	81	84	27 786	79,385	321,169	4,046	3,575
32	35	97 620	9 648,660	127 482,080	13,212	12,742	82	85	23 899	63,515	241,784	3,807	3,336
33	36	97 509	8 965,332	117 833,420	13,143	12,673	83	86	20 160	49,841	178,269	3,577	3,106
34	37	97 388	8 329,517	108 868,088	13,070	12,600	84	87	16 655	38,304	128,427	3,353	2,883
35	38	97 259	7 738,111	100 538,571	12,993	12,522	85	88	13 393	28,653	90,124	3,145	2,675
36	39	97 124	7 188,192	92 800,461	12,910	12,440	86	89	10 478	20,853	61,471	2,948	2,478
37	40	96 974	6 676,380	85 612,269	12,823	12,353	87	90	7 908	14,639	40,617	2,775	2,304
38	41	96 813	6 200,311	78 935,888	12,731	12,261	88	91	5 780	9,953	25,978	2,610	2,140
39	42	96 629	5 756,774	72 735,577	12,635	12,164	89	92	4 048	6,485	16,025	2,471	2,001
40	43	96 433	5 344,230	66 978,803	12,533	12,063	90	93	2 733	4,073	9,540	2,342	1,872
41	44	96 210	4 959,915	61 634,573	12,427	11,956	91	94	1 785	2,475	5,467	2,209	1,739
42	45	95 971	4 602,381	56 674,657	12,314	11,844	92	95	1 106	1,426	2,993	2,099	1,628
43	46	95 702	4 269,311	52 072,276	12,197	11,727	93	96	654	0,785	1,567	1,996	1,526
44	47	95 397	3 958,784	47 802,965	12,075	11,605	94	97	368	0,411	0,782	1,903	1,433
45	48	95 051	3 669,254	43 844,181	11,949	11,479	95	98	197	0,204	0,371	1,818	1,348
46	49	94 673	3 399,677	40 174,927	11,817	11,347	96	99	99	0,096	0,167	1,741	1,271
47	50	94 245	3 148,176	36 775,251	11,681	11,211	97	100	47	0,043	0,071	1,671	1,201
48	51	93 766	2 913,649	33 627,074	11,541	11,071							
49	52	93 236	2 695,068	30 713,425	11,396	10,926							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß   7,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$
0	4	99 632	99 632,441	1 405 691,142	14,109	13,638	50	54	92 368	2 483,707	27 767,527	11,180	10,710
1	5	99 235	92 311,863	1 306 058,701	14,148	13,678	51	55	91 705	2 293,838	25 283,820	11,022	10,552
2	6	99 193	85 834,726	1 213 746,837	14,141	13,670	52	56	90 948	2 116,183	22 989,982	10,864	10,394
3	7	99 165	79 824,234	1 127 912,112	14,130	13,660	53	57	90 151	1 951,299	20 873,798	10,697	10,227
4	8	99 143	74 238,403	1 048 087,878	14,118	13,648	54	58	89 295	1 797,929	18 922,499	10,525	10,054
5	9	99 123	69 044,724	973 849,475	14,105	13,634	55	59	88 351	1 654,800	17 124,570	10,348	9,878
6	10	99 105	64 216,281	904 804,752	14,090	13,620	56	60	87 339	1 521,714	15 469,770	10,166	9,696
7	11	99 088	59 725,524	840 588,471	14,074	13,604	57	61	86 235	1 397,657	13 948,055	9,980	9,509
8	12	99 071	55 549,607	780 862,947	14,057	13,587	58	62	85 050	1 282,274	12 550,399	9,788	9,317
9	13	99 055	51 665,590	725 313,339	14,039	13,568	59	63	83 770	1 174,866	11 268,125	9,591	9,121
10	14	99 039	48 052,934	673 647,750	14,019	13,549	60	64	82 411	1 075,175	10 093,259	9,388	8,917
11	15	99 019	44 691,565	625 594,816	13,998	13,528	61	65	80 956	982,495	9 018,084	9,179	8,708
12	16	98 998	41 564,752	580 903,251	13,976	13,506	62	66	79 427	896,687	8 035,588	8,961	8,491
13	17	98 972	38 654,634	539 338,499	13,953	13,482	63	67	77 803	817,077	7 138,902	8,737	8,267
14	18	98 945	35 948,042	500 683,865	13,928	13,458	64	68	76 118	743,609	6 321,825	8,502	8,031
15	19	98 908	33 427,383	464 735,824	13,903	13,433	65	69	74 316	675,356	5 578,216	8,260	7,789
16	20	98 869	31 083,283	431 308,441	13,876	13,406	66	70	72 420	612,205	4 902,860	8,009	7,538
17	21	98 822	28 900,755	400 225,158	13,848	13,378	67	71	70 395	553,574	4 290,655	7,751	7,281
18	22	98 768	26 869,691	371 324,403	13,819	13,349	68	72	68 246	499,232	3 737,082	7,486	7,015
19	23	98 698	24 977,422	344 454,712	13,791	13,320	69	73	65 970	448,915	3 237,849	7,213	6,742
20	24	98 627	23 218,149	319 477,289	13,760	13,290	70	74	63 538	402,201	2 788,935	6,934	6,464
21	25	98 554	21 582,297	296 259,141	13,727	13,257	71	75	60 936	358,819	2 386,734	6,652	6,181
22	26	98 479	20 061,292	274 676,844	13,692	13,222	72	76	58 142	318,480	2 027,915	6,367	5,897
23	27	98 404	18 647,336	254 615,552	13,654	13,184	73	77	55 181	281,170	1 709,434	6,080	5,609
24	28	98 326	17 332,633	235 968,216	13,614	13,144	74	78	52 049	246,712	1 428,264	5,789	5,319
25	29	98 246	16 110,283	218 635,583	13,571	13,101	75	79	48 674	214,616	1 181,553	5,505	5,035
26	30	98 164	14 973,779	202 525,300	13,525	13,055	76	80	45 151	185,192	966,936	5,221	4,751
27	31	98 079	13 917,063	187 551,522	13,476	13,006	77	81	41 464	158,206	781,745	4,941	4,471
28	32	97 987	12 934,003	173 634,459	13,425	12,954	78	82	37 645	133,613	623,538	4,667	4,196
29	33	97 894	12 020,139	160 700,455	13,369	12,899	79	83	33 690	111,234	489,925	4,404	3,934
30	34	97 794	11 170,086	148 680,317	13,311	12,840	80	84	29 719	91,277	378,691	4,149	3,679
31	35	97 690	10 379,718	137 510,231	13,248	12,778	81	85	25 776	73,644	287,415	3,903	3,432
32	36	97 581	9 644,822	127 130,513	13,181	12,711	82	86	21 921	58,259	213,770	3,669	3,199
33	37	97 463	8 961,071	117 485,692	13,111	12,640	83	87	18 260	45,145	155,511	3,445	2,974
34	38	97 337	8 325,072	108 524,620	13,036	12,566	84	88	14 852	34,156	110,366	3,231	2,761
35	39	97 205	7 733,803	100 199,548	12,956	12,486	85	89	11 756	25,149	76,210	3,030	2,560
36	40	97 059	7 183,437	92 465,746	12,872	12,402	86	90	8 996	17,902	51,061	2,852	2,382
37	41	96 905	6 671,665	85 282,309	12,783	12,312	87	91	6 684	12,373	33,159	2,680	2,210
38	42	96 736	6 195,342	78 610,644	12,689	12,218	88	92	4 753	8,185	20,786	2,540	2,069
39	43	96 543	5 751,650	72 415,302	12,590	12,120	89	93	3 282	5,258	12,601	2,397	1,927
40	44	96 334	5 338,758	66 663,652	12,487	12,016	90	94	2 167	3,229	7,344	2,275	1,804
41	45	96 102	4 954,345	61 324,894	12,378	11,908	91	95	1 382	1,916	4,115	2,148	1,678
42	46	95 849	4 596,539	56 370,549	12,264	11,793	92	96	835	1,077	2,199	2,043	1,573
43	47	95 567	4 263,295	51 774,010	12,144	11,674	93	97	481	0,577	1,123	1,946	1,475
44	48	95 241	3 952,311	47 510,715	12,021	11,551	94	98	263	0,294	0,546	1,857	1,387
45	49	94 883	3 662,765	43 558,404	11,892	11,422	95	99	137	0,142	0,252	1,777	1,306
46	50	94 478	3 392,681	39 895,638	11,759	11,289	96	100	67	0,065	0,110	1,703	1,233
47	51	94 037	3 141,241	36 502,957	11,621	11,150							
48	52	93 536	2 906,520	33 361,716	11,478	11,008							
49	53	92 980	2 687,669	30 455,196	11,331	10,861							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß   7,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	5	99 621	99 620,567	1 405 126,788	14,105	13,635	50	55	92 074	2 475,781	27 497,515	11,107	10,636
1	6	99 225	92 302,533	1 305 506,221	14,144	13,673	51	56	91 380	2 285,711	25 021,734	10,947	10,477
2	7	99 184	85 827,251	1 213 203,688	14,135	13,665	52	57	90 605	2 108,201	22 736,023	10,785	10,314
3	8	99 157	79 817,382	1 127 376,438	14,124	13,654	53	58	89 791	1 943,501	20 627,823	10,614	10,143
4	9	99 136	74 232,936	1 047 559,055	14,112	13,642	54	59	88 901	1 789,996	18 684,322	10,438	9,968
5	10	99 116	69 039,961	973 326,120	14,098	13,628	55	60	87 934	1 646,986	16 894,326	10,258	9,787
6	11	99 098	64 211,723	904 286,159	14,083	13,613	56	61	86 868	1 513,513	15 247,339	10,074	9,604
7	12	99 080	59 720,748	840 074,436	14,067	13,596	57	62	85 739	1 389,625	13 733,826	9,883	9,413
8	13	99 064	55 545,136	780 353,688	14,049	13,579	58	63	84 513	1 274,186	12 344,202	9,688	9,218
9	14	99 046	51 660,962	724 808,552	14,030	13,560	59	64	83 205	1 166,950	11 070,016	9,486	9,016
10	15	99 028	48 047,726	673 147,591	14,010	13,540	60	65	81 806	1 067,273	9 903,066	9,279	8,809
11	16	99 007	44 685,943	625 099,865	13,989	13,518	61	66	80 323	974,822	8 835,793	9,064	8,594
12	17	98 983	41 558,356	580 413,922	13,966	13,496	62	67	78 747	889,016	7 860,970	8,842	8,372
13	18	98 956	38 648,431	538 855,566	13,942	13,472	63	68	77 092	809,615	6 971,954	8,611	8,141
14	19	98 922	35 939,831	500 207,135	13,918	13,448	64	69	75 379	736,388	6 162,339	8,368	7,898
15	20	98 887	33 420,479	464 267,304	13,892	13,421	65	70	73 527	668,183	5 425,951	8,120	7,650
16	21	98 848	31 076,383	430 846,826	13,864	13,394	66	71	71 579	605,101	4 757,769	7,863	7,392
17	22	98 801	28 894,707	399 770,443	13,835	13,365	67	72	69 489	546,445	4 152,668	7,599	7,129
18	23	98 746	26 863,663	370 875,736	13,806	13,336	68	73	67 258	492,004	3 606,223	7,330	6,859
19	24	98 675	24 971,713	344 012,073	13,776	13,306	69	74	64 897	441,615	3 114,219	7,052	6,582
20	25	98 607	23 213,455	319 040,360	13,744	13,273	70	75	62 356	394,717	2 672,604	6,771	6,301
21	26	98 533	21 577,549	295 826,905	13,710	13,240	71	76	59 629	351,119	2 277,887	6,488	6,017
22	27	98 456	20 056,544	274 249,355	13,674	13,204	72	77	56 718	310,680	1 926,767	6,202	5,731
23	28	98 377	18 642,327	254 192,811	13,635	13,165	73	78	53 651	273,375	1 616,087	5,912	5,441
24	29	98 301	17 328,250	235 550,485	13,593	13,123	74	79	50 380	238,800	1 342,712	5,623	5,152
25	30	98 218	16 105,660	218 222,235	13,549	13,079	75	80	46 907	206,824	1 103,912	5,337	4,867
26	31	98 136	14 969,541	202 116,574	13,502	13,032	76	81	43 265	177,457	897,088	5,055	4,585
27	32	98 049	13 912,860	187 147,034	13,451	12,981	77	82	39 491	150,677	719,631	4,776	4,306
28	33	97 953	12 929,419	173 234,174	13,398	12,928	78	83	35 569	126,245	568,953	4,507	4,036
29	34	97 858	12 015,744	160 304,756	13,341	12,871	79	84	31 578	104,258	442,709	4,246	3,776
30	35	97 752	11 165,341	148 289,012	13,281	12,811	80	85	27 570	84,676	338,450	3,997	3,527
31	36	97 651	10 375,589	137 123,671	13,216	12,746	81	86	23 643	67,550	253,774	3,757	3,287
32	37	97 535	9 640,238	126 748,082	13,148	12,678	82	87	19 855	52,770	186,225	3,529	3,059
33	38	97 411	8 956,289	117 107,844	13,075	12,605	83	88	16 283	40,256	133,455	3,315	2,845
34	39	97 282	8 320,437	108 151,555	12,998	12,528	84	89	13 036	29,979	93,199	3,109	2,639
35	40	97 141	7 728,686	99 831,117	12,917	12,447	85	90	10 092	21,590	63,220	2,928	2,458
36	41	96 991	7 178,363	92 102,431	12,831	12,360	86	91	7 603	15,131	41,630	2,751	2,281
37	42	96 828	6 666,318	84 924,067	12,739	12,269	87	92	5 496	10,175	26,499	2,604	2,134
38	43	96 650	6 189,828	78 257,749	12,643	12,173	88	93	3 853	6,636	16,324	2,460	1,990
39	44	96 445	5 745,761	72 067,922	12,543	12,073	89	94	2 602	4,168	9,688	2,324	1,854
40	45	96 226	5 332,762	66 322,161	12,437	11,966	90	95	1 677	2,499	5,520	2,209	1,738
41	46	95 980	4 948,056	60 989,400	12,326	11,856	91	96	1 043	1,446	3,021	2,089	1,618
42	47	95 714	4 590,062	56 041,343	12,209	11,739	92	97	614	0,792	1,574	1,989	1,519
43	48	95 411	4 256,324	51 451,281	12,088	11,618	93	98	344	0,413	0,783	1,897	1,426
44	49	95 072	3 945,322	47 194,957	11,962	11,492	94	99	183	0,204	0,370	1,813	1,342
45	50	94 688	3 655,229	43 249,635	11,832	11,362	95	100	92	0,096	0,166	1,736	1,266
46	51	94 270	3 385,207	39 594,406	11,696	11,226							
47	52	93 807	3 133,555	36 209,199	11,555	11,085							
48	53	93 279	2 898,541	33 075,644	11,411	10,941							
49	54	92 701	2 679,589	30 177,104	11,262	10,792							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß   7,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	6	99 610	99 610,498	1 404 523,831	14,100	13,630	50	56	91 747	2 467,009	27 207,049	11,028	10,558
1	7	99 217	92 294,494	1 304 913,333	14,139	13,668	51	57	91 036	2 277,089	24 740,040	10,865	10,394
2	8	99 176	85 819,884	1 212 618,838	14,130	13,660	52	58	90 243	2 099,775	22 462,951	10,698	10,228
3	9	99 150	79 811,504	1 126 798,954	14,118	13,648	53	59	89 395	1 934,926	20 363,176	10,524	10,054
4	10	99 129	74 227,815	1 046 987,450	14,105	13,635	54	60	88 482	1 781,543	18 428,251	10,344	9,874
5	11	99 109	69 035,061	972 759,635	14,091	13,621	55	61	87 460	1 638,110	16 646,707	10,162	9,692
6	12	99 090	64 206,588	903 724,574	14,075	13,605	56	62	86 369	1 504,815	15 008,597	9,974	9,503
7	13	99 072	59 715,941	839 517,986	14,059	13,588	57	63	85 198	1 380,859	13 503,782	9,779	9,309
8	14	99 055	55 540,160	779 802,045	14,040	13,570	58	64	83 944	1 265,601	12 122,922	9,579	9,109
9	15	99 036	51 655,362	724 261,885	14,021	13,551	59	65	82 594	1 158,373	10 857,321	9,373	8,903
10	16	99 015	48 041,682	672 606,523	14,000	13,530	60	66	81 167	1 058,938	9 698,948	9,159	8,689
11	17	98 991	44 679,067	624 564,841	13,979	13,509	61	67	79 636	966,483	8 640,010	8,940	8,469
12	18	98 967	41 551,687	579 885,774	13,956	13,485	62	68	78 028	880,897	7 673,527	8,711	8,241
13	19	98 933	38 639,603	538 334,087	13,932	13,462	63	69	76 344	801,754	6 792,629	8,472	8,002
14	20	98 902	35 932,408	499 694,484	13,907	13,436	64	70	74 578	728,566	5 990,876	8,223	7,753
15	21	98 865	33 413,060	463 762,076	13,880	13,409	65	71	72 673	660,428	5 262,310	7,968	7,498
16	22	98 827	31 069,879	430 349,016	13,851	13,381	66	72	70 657	597,309	4 601,881	7,704	7,234
17	23	98 779	28 888,225	399 279,138	13,822	13,351	67	73	68 483	538,534	4 004,573	7,436	6,966
18	24	98 723	26 857,523	370 390,913	13,791	13,321	68	74	66 164	484,004	3 466,039	7,161	6,691
19	25	98 656	24 966,665	343 533,390	13,760	13,289	69	75	63 690	433,397	2 982,035	6,881	6,410
20	26	98 586	23 208,349	318 566,725	13,726	13,256	70	76	61 018	386,247	2 548,638	6,598	6,128
21	27	98 509	21 572,443	295 358,376	13,691	13,221	71	77	58 168	342,519	2 162,390	6,313	5,843
22	28	98 430	20 051,156	273 785,933	13,654	13,184	72	78	55 146	302,067	1 819,871	6,025	5,554
23	29	98 352	18 637,612	253 734,778	13,614	13,144	73	79	51 930	264,608	1 517,804	5,736	5,266
24	30	98 273	17 323,278	235 097,165	13,571	13,101	74	80	48 551	230,130	1 253,196	5,446	4,975
25	31	98 190	16 101,102	217 773,887	13,525	13,055	75	81	44 948	198,186	1 023,066	5,162	4,692
26	32	98 106	14 965,019	201 672,785	13,476	13,006	76	82	41 206	169,012	824,880	4,881	4,410
27	33	98 015	13 907,928	186 707,766	13,425	12,954	77	83	37 313	142,368	655,867	4,607	4,137
28	34	97 917	12 924,691	172 799,838	13,370	12,899	78	84	33 339	118,328	513,499	4,340	3,869
29	35	97 816	12 010,640	159 875,147	13,311	12,841	79	85	29 294	96,719	395,171	4,086	3,615
30	36	97 713	11 160,900	147 864,507	13,248	12,778	80	86	25 288	77,669	298,452	3,843	3,372
31	37	97 604	10 370,658	136 703,607	13,182	12,711	81	87	21 416	61,185	220,784	3,608	3,138
32	38	97 483	9 635,094	126 332,949	13,112	12,641	82	88	17 705	47,055	159,599	3,392	2,921
33	39	97 357	8 951,303	116 697,855	13,037	12,567	83	89	14 292	35,333	112,544	3,185	2,715
34	40	97 218	8 314,933	107 746,552	12,958	12,488	84	90	11 191	25,736	77,210	3,000	2,530
35	41	97 072	7 723,228	99 431,619	12,874	12,404	85	91	8 530	18,248	51,474	2,821	2,350
36	42	96 913	7 172,610	91 708,391	12,786	12,316	86	92	6 252	12,442	33,226	2,670	2,200
37	43	96 741	6 660,385	84 535,781	12,692	12,222	87	93	4 456	8,249	20,783	2,519	2,049
38	44	96 551	6 183,490	77 875,397	12,594	12,124	88	94	3 055	5,261	12,534	2,383	1,912
39	45	96 336	5 739,307	71 691,907	12,491	12,021	89	95	2 014	3,226	7,273	2,254	1,784
40	46	96 103	5 325,993	65 952,600	12,383	11,913	90	96	1 266	1,887	4,047	2,145	1,674
41	47	95 845	4 941,084	60 626,607	12,270	11,800	91	97	767	1,063	2,160	2,031	1,561
42	48	95 557	4 582,557	55 685,523	12,152	11,681	92	98	439	0,566	1,096	1,937	1,466
43	49	95 242	4 248,797	51 102,966	12,028	11,557	93	99	239	0,287	0,530	1,849	1,379
44	50	94 877	3 937,203	46 854,168	11,900	11,430	94	100	123	0,138	0,244	1,770	1,300
45	51	94 480	3 647,176	42 916,965	11,767	11,297							
46	52	94 040	3 376,924	39 269,789	11,629	11,159							
47	53	93 549	3 124,952	35 892,865	11,486	11,016							
48	54	92 999	2 889,826	32 767,912	11,339	10,869							
49	55	92 405	2 671,037	29 878,086	11,186	10,716							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß   7,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$
0	7	99 602	99 601,823	1 403 877,138	14,095	13,625	50	57	91 401	2 457,703	26 895,230	10,943	10,473
1	8	99 208	92 286,573	1 304 275,315	14,133	13,663	51	58	90 672	2 267,988	24 437,527	10,775	10,305
2	9	99 168	85 813,564	1 211 988,743	14,124	13,653	52	59	89 845	2 090,510	22 169,539	10,605	10,135
3	10	99 143	79 805,999	1 126 175,178	14,111	13,641	53	60	88 973	1 925,789	20 079,029	10,426	9,956
4	11	99 122	74 222,547	1 046 369,180	14,098	13,627	54	61	88 005	1 771,942	18 153,240	10,245	9,775
5	12	99 101	69 029,540	972 146,633	14,083	13,613	55	62	86 957	1 628,696	16 381,298	10,058	9,588
6	13	99 082	64 201,420	903 117,093	14,067	13,597	56	63	85 824	1 495,324	14 752,602	9,866	9,396
7	14	99 063	59 710,592	838 915,673	14,050	13,579	57	64	84 624	1 371,555	13 257,278	9,666	9,196
8	15	99 044	55 534,140	779 205,082	14,031	13,561	58	65	83 327	1 256,299	11 885,723	9,461	8,991
9	16	99 023	51 648,864	723 670,941	14,011	13,541	59	66	81 949	1 149,327	10 629,423	9,248	8,778
10	17	99 000	48 034,290	672 022,077	13,990	13,520	60	67	80 472	1 049,880	9 480,097	9,030	8,559
11	18	98 975	44 671,897	623 987,787	13,968	13,498	61	68	78 909	957,657	8 430,217	8,803	8,333
12	19	98 944	41 542,196	579 315,890	13,945	13,475	62	69	77 270	872,343	7 472,560	8,566	8,096
13	20	98 913	38 631,622	537 773,694	13,921	13,450	63	70	75 533	793,238	6 600,217	8,321	7,850
14	21	98 880	35 924,431	499 142,071	13,894	13,424	64	71	73 713	720,111	5 806,979	8,064	7,594
15	22	98 844	33 406,067	463 217,640	13,866	13,396	65	72	71 738	651,924	5 086,868	7,803	7,333
16	23	98 805	31 062,909	429 811,574	13,837	13,367	66	73	69 634	588,661	4 434,944	7,534	7,064
17	24	98 756	28 881,622	398 748,665	13,806	13,336	67	74	67 369	529,777	3 846,283	7,260	6,790
18	25	98 703	26 852,094	369 867,043	13,774	13,304	68	75	64 933	474,998	3 316,506	6,982	6,512
19	26	98 634	24 961,173	343 014,950	13,742	13,272	69	76	62 323	424,098	2 841,509	6,700	6,230
20	27	98 562	23 202,856	318 053,776	13,708	13,237	70	77	59 524	376,787	2 417,411	6,416	5,946
21	28	98 483	21 566,647	294 850,920	13,672	13,201	71	78	56 556	333,023	2 040,624	6,128	5,657
22	29	98 405	20 046,085	273 284,273	13,633	13,163	72	79	53 377	292,380	1 707,600	5,840	5,370
23	30	98 324	18 632,265	253 238,188	13,591	13,121	73	80	50 045	255,002	1 415,220	5,550	5,080
24	31	98 245	17 318,375	234 605,923	13,547	13,076	74	81	46 523	220,519	1 160,219	5,261	4,791
25	32	98 160	16 096,239	217 287,547	13,499	13,029	75	82	42 809	188,754	939,700	4,978	4,508
26	33	98 072	14 959,715	201 191,308	13,449	12,979	76	83	38 934	159,692	750,946	4,702	4,232
27	34	97 979	13 902,843	186 231,594	13,395	12,925	77	84	34 973	133,440	591,254	4,431	3,961
28	35	97 875	12 919,201	172 328,751	13,339	12,869	78	85	30 928	109,771	457,814	4,171	3,700
29	36	97 777	12 005,862	159 409,550	13,278	12,807	79	86	26 870	88,715	348,043	3,923	3,453
30	37	97 667	11 155,596	147 403,688	13,213	12,743	80	87	22 906	70,350	259,328	3,686	3,216
31	38	97 552	10 365,124	136 248,091	13,145	12,675	81	88	19 096	54,559	188,977	3,464	2,993
32	39	97 428	9 629,730	125 882,968	13,072	12,602	82	89	15 540	41,301	134,418	3,255	2,784
33	40	97 292	8 945,381	116 253,238	12,996	12,526	83	90	12 269	30,333	93,117	3,070	2,600
34	41	97 149	8 309,061	107 307,857	12,915	12,444	84	91	9 458	21,753	62,784	2,886	2,416
35	42	96 994	7 717,038	98 998,796	12,829	12,358	85	92	7 014	15,006	41,031	2,734	2,264
36	43	96 827	7 166,226	91 281,758	12,738	12,267	86	93	5 069	10,088	26,026	2,580	2,110
37	44	96 642	6 653,565	84 115,533	12,642	12,172	87	94	3 533	6,540	15,938	2,437	1,967
38	45	96 442	6 176,545	77 461,968	12,541	12,071	88	95	2 365	4,072	9,398	2,308	1,838
39	46	96 214	5 732,023	71 285,423	12,436	11,966	89	96	1 521	2,436	5,326	2,186	1,716
40	47	95 968	5 318,488	65 553,400	12,326	11,855	90	97	931	1,387	2,890	2,083	1,613
41	48	95 688	4 933,005	60 234,912	12,211	11,740	91	98	549	0,761	1,503	1,976	1,505
42	49	95 388	4 574,453	55 301,908	12,089	11,619	92	99	305	0,393	0,742	1,886	1,416
43	50	95 046	4 240,055	50 727,454	11,964	11,494	93	100	161	0,193	0,349	1,804	1,334
44	51	94 668	3 928,530	46 487,400	11,833	11,363							
45	52	94 248	3 638,252	42 558,870	11,698	11,227							
46	53	93 781	3 367,653	38 920,618	11,557	11,087							
47	54	93 268	3 115,557	35 552,964	11,411	10,941							
48	55	92 702	2 880,604	32 437,408	11,261	10,790							
49	56	92 077	2 661,573	29 556,804	11,105	10,635							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß   7,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	8	99 593	99 593,274	1 403 181,662	14,089	13,619	50	58	91 036	2 447,881	26 560,787	10,851	10,380
1	9	99 201	92 279,776	1 303 588,388	14,126	13,656	51	59	90 272	2 257,981	24 112,907	10,679	10,209
2	10	99 161	85 807,644	1 211 308,611	14,117	13,646	52	60	89 420	2 080,639	21 854,926	10,504	10,034
3	11	99 136	79 800,335	1 125 500,967	14,104	13,634	53	61	88 493	1 915,410	19 774,287	10,324	9,854
4	12	99 114	74 216,611	1 045 700,632	14,090	13,620	54	62	87 499	1 761,759	17 858,877	10,137	9,667
5	13	99 093	69 023,983	971 484,021	14,075	13,604	55	63	86 409	1 618,423	16 097,117	9,946	9,476
6	14	99 073	64 195,669	902 460,037	14,058	13,588	56	64	85 246	1 485,248	14 478,694	9,748	9,278
7	15	99 052	59 704,120	838 264,369	14,040	13,570	57	65	84 002	1 361,475	12 993,446	9,544	9,073
8	16	99 031	55 527,154	778 560,249	14,021	13,551	58	66	82 676	1 246,488	11 631,971	9,332	8,862
9	17	99 008	51 640,917	723 033,094	14,001	13,531	59	67	81 248	1 139,495	10 385,483	9,114	8,644
10	18	98 984	48 026,582	671 392,177	13,980	13,509	60	68	79 738	1 040,292	9 245,988	8,888	8,418
11	19	98 953	44 661,694	623 365,596	13,958	13,487	61	69	78 143	948,358	8 205,696	8,653	8,182
12	20	98 924	41 533,616	578 703,902	13,933	13,463	62	70	76 450	863,078	7 257,339	8,409	7,938
13	21	98 891	38 623,047	537 170,286	13,908	13,438	63	71	74 656	784,032	6 394,261	8,156	7,685
14	22	98 859	35 916,913	498 547,239	13,881	13,410	64	72	72 763	710,838	5 610,229	7,892	7,422
15	23	98 822	33 398,573	462 630,327	13,852	13,382	65	73	70 699	642,486	4 899,390	7,626	7,155
16	24	98 782	31 055,808	429 231,754	13,821	13,351	66	74	68 502	579,089	4 256,905	7,351	6,881
17	25	98 736	28 875,784	398 175,946	13,789	13,319	67	75	66 115	519,919	3 677,816	7,074	6,604
18	26	98 681	26 846,187	369 300,162	13,756	13,286	68	76	63 540	464,805	3 157,897	6,794	6,324
19	27	98 610	24 955,266	342 453,975	13,723	13,252	69	77	60 797	413,710	2 693,092	6,510	6,039
20	28	98 536	23 196,623	317 498,710	13,687	13,217	70	78	57 873	366,341	2 279,382	6,222	5,752
21	29	98 458	21 561,194	294 302,087	13,650	13,179	71	79	54 742	322,344	1 913,041	5,935	5,464
22	30	98 376	20 040,334	272 740,893	13,610	13,139	72	80	51 439	281,765	1 590,697	5,645	5,175
23	31	98 296	18 626,991	252 700,560	13,566	13,096	73	81	47 955	244,351	1 308,932	5,357	4,886
24	32	98 215	17 313,145	234 073,568	13,520	13,050	74	82	44 309	210,024	1 064,581	5,069	4,599
25	33	98 126	16 090,533	216 760,424	13,471	13,001	75	83	40 448	178,346	854,556	4,792	4,321
26	34	98 036	14 954,245	200 669,890	13,419	12,949	76	84	36 492	149,677	676,211	4,518	4,048
27	35	97 937	13 896,937	185 715,645	13,364	12,894	77	85	32 444	123,790	526,533	4,253	3,783
28	36	97 836	12 914,062	171 818,708	13,305	12,834	78	86	28 368	100,687	402,743	4,000	3,530
29	37	97 731	12 000,157	158 904,646	13,242	12,772	79	87	24 338	80,356	302,056	3,759	3,289
30	38	97 615	11 149,643	146 904,489	13,176	12,705	80	88	20 425	62,732	221,700	3,534	3,064
31	39	97 498	10 359,353	135 754,846	13,105	12,634	81	89	16 761	47,887	158,968	3,320	2,849
32	40	97 364	9 623,359	125 395,493	13,030	12,560	82	90	13 341	35,456	111,081	3,133	2,663
33	41	97 224	8 939,064	115 772,134	12,951	12,481	83	91	10 370	25,638	75,625	2,950	2,479
34	42	97 071	8 302,401	106 833,070	12,868	12,397	84	92	7 778	17,887	49,987	2,795	2,324
35	43	96 908	7 710,169	98 530,669	12,779	12,309	85	93	5 687	12,166	32,099	2,638	2,168
36	44	96 728	7 158,888	90 820,500	12,686	12,216	86	94	4 018	7,997	19,933	2,493	2,022
37	45	96 534	6 646,092	83 661,612	12,588	12,118	87	95	2 735	5,063	11,936	2,358	1,887
38	46	96 320	6 168,705	77 015,520	12,485	12,015	88	96	1 785	3,074	6,874	2,236	1,765
39	47	96 078	5 723,946	70 846,815	12,377	11,907	89	97	1 118	1,791	3,799	2,121	1,651
40	48	95 811	5 309,792	65 122,870	12,265	11,794	90	98	666	0,992	2,008	2,024	1,553
41	49	95 519	4 924,281	59 813,078	12,147	11,676	91	99	381	0,528	1,016	1,922	1,452
42	50	95 192	4 565,041	54 888,797	12,024	11,553	92	100	206	0,265	0,487	1,838	1,368
43	51	94 837	4 230,714	50 323,756	11,895	11,425							
44	52	94 436	3 918,918	46 093,042	11,762	11,291							
45	53	93 990	3 628,264	42 174,125	11,624	11,153							
46	54	93 499	3 357,528	38 545,861	11,480	11,010							
47	55	92 971	3 105,614	35 188,333	11,331	10,860							
48	56	92 374	2 870,398	32 082,718	11,177	10,707							
49	57	91 730	2 651,533	29 212,321	11,017	10,547							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß   7,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	9	99 586	99 585,940	1 402 433,369	14,083	13,612	50	59	90 634	2 437,080	26 202,365	10,752	10,281
1	10	99 194	92 273,411	1 302 847,429	14,119	13,649	51	60	89 846	2 247,319	23 765,285	10,575	10,105
2	11	99 154	85 801,554	1 210 574,018	14,109	13,639	52	61	88 939	2 069,425	21 517,966	10,398	9,928
3	12	99 128	79 793,953	1 124 772,464	14,096	13,626	53	62	87 985	1 904,403	19 448,541	10,212	9,742
4	13	99 106	74 210,637	1 044 978,511	14,081	13,611	54	63	86 947	1 750,647	17 544,138	10,022	9,551
5	14	99 084	69 017,800	970 767,874	14,065	13,595	55	64	85 827	1 607,519	15 793,491	9,825	9,354
6	15	99 063	64 188,711	901 750,073	14,048	13,578	56	65	84 619	1 474,333	14 185,973	9,622	9,152
7	16	99 040	59 696,610	837 561,362	14,030	13,560	57	66	83 346	1 350,842	12 711,640	9,410	8,940
8	17	99 016	55 518,610	777 864,753	14,011	13,541	58	67	81 969	1 235,825	11 360,798	9,193	8,723
9	18	98 992	51 632,630	722 346,142	13,990	13,520	59	68	80 506	1 129,089	10 124,973	8,967	8,497
10	19	98 962	48 015,612	670 713,512	13,969	13,498	60	69	78 963	1 030,190	8 995,884	8,732	8,262
11	20	98 932	44 652,469	622 697,900	13,945	13,475	61	70	77 313	938,285	7 965,694	8,490	8,019
12	21	98 902	41 524,396	578 045,431	13,921	13,450	62	71	75 562	853,062	7 027,410	8,238	7,768
13	22	98 870	38 614,963	536 521,035	13,894	13,424	63	72	73 695	773,936	6 174,348	7,978	7,508
14	23	98 837	35 908,855	497 906,072	13,866	13,396	64	73	71 710	700,547	5 400,412	7,709	7,239
15	24	98 800	33 390,938	461 997,217	13,836	13,366	65	74	69 549	632,038	4 699,865	7,436	6,966
16	25	98 762	31 049,531	428 606,278	13,804	13,334	66	75	67 227	568,313	4 067,827	7,158	6,687
17	26	98 715	28 869,431	397 556,748	13,771	13,301	67	76	64 697	508,762	3 499,513	6,878	6,408
18	27	98 658	26 839,833	368 687,316	13,737	13,266	68	77	61 984	453,421	2 990,751	6,596	6,126
19	28	98 584	24 948,562	341 847,483	13,702	13,232	69	78	59 111	402,241	2 537,330	6,308	5,838
20	29	98 511	23 190,757	316 898,921	13,665	13,195	70	79	56 017	354,593	2 135,090	6,021	5,551
21	30	98 430	21 555,007	293 708,164	13,626	13,156	71	80	52 755	310,641	1 780,496	5,732	5,261
22	31	98 349	20 034,662	272 153,157	13,584	13,114	72	81	49 291	269,997	1 469,855	5,444	4,974
23	32	98 267	18 621,366	252 118,495	13,539	13,069	73	82	45 673	232,723	1 199,859	5,156	4,685
24	33	98 180	17 307,008	233 497,130	13,491	13,021	74	83	41 866	198,442	967,136	4,874	4,403
25	34	98 090	16 084,650	216 190,122	13,441	12,970	75	84	37 911	167,161	768,694	4,599	4,128
26	35	97 994	14 947,893	200 105,472	13,387	12,917	76	85	33 853	138,853	601,532	4,332	3,862
27	36	97 898	13 891,410	185 157,579	13,329	12,859	77	86	29 759	113,546	462,679	4,075	3,605
28	37	97 790	12 907,925	171 266,170	13,268	12,798	78	87	25 695	91,200	349,133	3,828	3,358
29	38	97 679	11 993,753	158 358,244	13,203	12,733	79	88	21 702	71,654	257,933	3,600	3,129
30	39	97 560	11 143,435	146 364,492	13,135	12,664	80	89	17 927	55,061	186,279	3,383	2,913
31	40	97 433	10 352,500	135 221,056	13,062	12,591	81	90	14 389	41,110	131,218	3,192	2,722
32	41	97 295	9 616,563	124 868,556	12,985	12,514	82	91	11 276	29,968	90,108	3,007	2,537
33	42	97 146	8 931,899	115 251,993	12,903	12,433	83	92	8 527	21,082	60,140	2,853	2,382
34	43	96 985	8 295,011	106 320,094	12,817	12,347	84	93	6 306	14,503	39,058	2,693	2,223
35	44	96 809	7 702,274	98 025,083	12,727	12,256	85	94	4 508	9,645	24,555	2,546	2,076
36	45	96 619	7 150,847	90 322,809	12,631	12,161	86	95	3 111	6,191	14,910	2,408	1,938
37	46	96 411	6 637,656	83 171,961	12,530	12,060	87	96	2 065	3,822	8,720	2,281	1,811
38	47	96 184	6 160,013	76 534,305	12,424	11,954	88	97	1 313	2,261	4,898	2,166	1,696
39	48	95 921	5 714,586	70 374,292	12,315	11,845	89	98	800	1,281	2,637	2,059	1,588
40	49	95 642	5 300,402	64 659,706	12,199	11,729	90	99	463	0,689	1,356	1,967	1,496
41	50	95 322	4 914,149	59 359,304	12,079	11,609	91	100	257	0,356	0,667	1,871	1,401
42	51	94 982	4 554,984	54 445,155	11,953	11,483							
43	52	94 605	4 220,362	49 890,172	11,821	11,351							
44	53	94 177	3 908,159	45 669,810	11,686	11,215							
45	54	93 707	3 617,355	41 761,651	11,545	11,075							
46	55	93 201	3 346,814	38 144,296	11,397	10,927							
47	56	92 641	3 094,611	34 797,482	11,245	10,774							
48	57	92 025	2 859,570	31 702,871	11,087	10,616							
49	58	91 363	2 640,936	28 843,301	10,922	10,451							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß   7,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	10	99 579	99 579,070	1 401 626,781	14,076	13,605	50	60	90 206	2 425,572	25 819,036	10,645	10,174
1	11	99 187	92 266,862	1 302 047,711	14,112	13,641	51	61	89 361	2 235,207	23 393,464	10,466	9,996
2	12	99 146	85 794,693	1 209 780,849	14,101	13,631	52	62	88 427	2 057,533	21 158,257	10,283	9,813
3	13	99 120	79 787,530	1 123 986,155	14,087	13,617	53	63	87 430	1 892,391	19 100,724	10,093	9,623
4	14	99 097	74 203,989	1 044 198,626	14,072	13,602	54	64	86 361	1 738,851	17 208,333	9,896	9,426
5	15	99 073	69 010,320	969 994,636	14,056	13,586	55	65	85 196	1 595,704	15 469,482	9,694	9,224
6	16	99 050	64 180,636	900 984,316	14,038	13,568	56	66	83 958	1 462,818	13 873,778	9,484	9,014
7	17	99 024	59 687,424	836 803,680	14,020	13,549	57	67	82 633	1 339,287	12 410,960	9,267	8,797
8	18	99 000	55 509,701	777 116,256	14,000	13,529	58	68	81 220	1 224,539	11 071,673	9,042	8,571
9	19	98 969	51 620,837	721 606,555	13,979	13,509	59	69	79 724	1 118,124	9 847,134	8,807	8,337
10	20	98 941	48 005,695	669 985,718	13,956	13,486	60	70	78 125	1 019,248	8 729,009	8,564	8,094
11	21	98 910	44 642,557	621 980,023	13,932	13,462	61	71	76 416	927,396	7 709,762	8,313	7,843
12	22	98 881	41 515,705	577 337,466	13,906	13,436	62	72	74 589	842,077	6 782,366	8,054	7,584
13	23	98 848	38 606,301	535 821,761	13,879	13,409	63	73	72 628	762,731	5 940,289	7,788	7,318
14	24	98 815	35 900,647	497 215,460	13,850	13,379	64	74	70 544	689,155	5 177,557	7,513	7,043
15	25	98 780	33 384,189	461 314,813	13,818	13,348	65	75	68 255	620,277	4 488,402	7,236	6,766
16	26	98 740	31 042,700	427 930,624	13,785	13,315	66	76	65 785	556,118	3 868,125	6,956	6,485
17	27	98 691	28 862,599	396 887,924	13,751	13,281	67	77	63 112	496,301	3 312,006	6,673	6,203
18	28	98 631	26 832,623	368 025,325	13,716	13,245	68	78	60 265	440,850	2 815,705	6,387	5,917
19	29	98 559	24 942,253	341 192,702	13,679	13,209	69	79	57 216	389,342	2 374,855	6,100	5,629
20	30	98 483	23 184,103	316 250,449	13,641	13,171	70	80	53 984	341,719	1 985,513	5,810	5,340
21	31	98 402	21 548,907	293 066,346	13,600	13,130	71	81	50 551	297,667	1 643,794	5,522	5,052
22	32	98 319	20 028,611	271 517,440	13,556	13,086	72	82	46 945	257,148	1 346,127	5,235	4,765
23	33	98 232	18 614,765	251 488,829	13,510	13,040	73	83	43 154	219,889	1 088,979	4,952	4,482
24	34	98 145	17 300,680	232 874,064	13,460	12,990	74	84	39 240	185,998	869,090	4,673	4,202
25	35	98 048	16 077,818	215 573,384	13,408	12,938	75	85	35 170	155,073	683,092	4,405	3,935
26	36	97 955	14 941,947	199 495,567	13,351	12,881	76	86	31 052	127,363	528,019	4,146	3,676
27	37	97 852	13 884,808	184 553,620	13,292	12,821	77	87	26 955	102,848	400,657	3,896	3,425
28	38	97 738	12 901,037	170 668,811	13,229	12,759	78	88	22 913	81,324	297,809	3,662	3,192
29	39	97 624	11 987,076	157 767,775	13,161	12,691	79	89	19 049	62,892	216,486	3,442	2,972
30	40	97 496	11 136,063	145 780,699	13,091	12,621	80	90	15 390	47,269	153,594	3,249	2,779
31	41	97 365	10 345,189	134 644,636	13,015	12,545	81	91	12 162	34,747	106,325	3,060	2,590
32	42	97 217	9 608,855	124 299,447	12,936	12,466	82	92	9 272	24,643	71,578	2,905	2,434
33	43	97 059	8 923,949	114 690,592	12,852	12,382	83	93	6 914	17,093	46,935	2,746	2,276
34	44	96 886	8 286,518	105 766,643	12,764	12,293	84	94	4 999	11,497	29,843	2,596	2,125
35	45	96 700	7 693,624	97 480,125	12,670	12,200	85	95	3 490	7,466	18,346	2,457	1,987
36	46	96 496	7 141,771	89 786,502	12,572	12,102	86	96	2 348	4,674	10,880	2,328	1,858
37	47	96 275	6 628,303	82 644,730	12,468	11,998	87	97	1 518	2,810	6,206	2,208	1,738
38	48	96 027	6 149,940	76 016,427	12,361	11,890	88	98	939	1,617	3,396	2,100	1,630
39	49	95 752	5 704,481	69 866,487	12,248	11,777	89	99	556	0,890	1,779	1,998	1,528
40	50	95 445	5 289,495	64 162,006	12,130	11,660	90	100	312	0,465	0,889	1,912	1,442
41	51	95 112	4 903,323	58 872,511	12,007	11,536							
42	52	94 750	4 543,839	53 969,188	11,877	11,407							
43	53	94 345	4 208,776	49 425,350	11,743	11,273							
44	54	93 894	3 896,409	45 216,574	11,605	11,134							
45	55	93 408	3 605,812	41 320,165	11,459	10,989							
46	56	92 871	3 334,955	37 714,354	11,309	10,839							
47	57	92 292	3 082,937	34 379,398	11,152	10,681							
48	58	91 657	2 848,141	31 296,461	10,988	10,518							
49	59	90 960	2 629,284	28 448,320	10,820	10,350							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß   7,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	11	99 572	99 572,003	1 400 756,840	14,068	13,597	50	61	89 720	2 412,500	25 409,543	10,532	10,062
1	12	99 179	92 259,484	1 301 184,837	14,104	13,633	51	62	88 848	2 222,362	22 997,043	10,348	9,878
2	13	99 139	85 787,787	1 208 925,354	14,092	13,622	52	63	87 870	2 044,555	20 774,681	10,161	9,691
3	14	99 111	79 780,383	1 123 137,567	14,078	13,608	53	64	86 841	1 879,640	18 730,126	9,965	9,494
4	15	99 086	74 195,947	1 043 357,184	14,062	13,592	54	65	85 727	1 726,071	16 850,486	9,762	9,292
5	16	99 061	69 001,639	969 161,238	14,045	13,575	55	66	84 530	1 583,242	15 124,415	9,553	9,083
6	17	99 035	64 170,761	900 159,599	14,028	13,557	56	67	83 240	1 450,305	13 541,173	9,337	8,866
7	18	99 008	59 677,846	835 988,838	14,008	13,538	57	68	81 879	1 327,056	12 090,868	9,111	8,641
8	19	98 978	55 497,022	776 310,992	13,988	13,518	58	69	80 431	1 212,648	10 763,812	8,876	8,406
9	20	98 949	51 610,175	720 813,970	13,967	13,496	59	70	78 877	1 106,248	9 551,164	8,634	8,164
10	21	98 919	47 995,038	669 203,795	13,943	13,473	60	71	77 218	1 007,420	8 444,916	8,383	7,912
11	22	98 890	44 633,214	621 208,757	13,918	13,448	61	72	75 431	915,454	7 437,496	8,124	7,654
12	23	98 859	41 506,392	576 575,543	13,891	13,421	62	73	73 509	829,885	6 522,042	7,859	7,389
13	24	98 825	38 597,476	535 069,151	13,863	13,393	63	74	71 447	750,329	5 692,157	7,586	7,116
14	25	98 795	35 893,390	496 471,675	13,832	13,362	64	75	69 231	676,332	4 941,828	7,307	6,837
15	26	98 758	33 376,845	460 578,285	13,799	13,329	65	76	66 791	606,967	4 265,496	7,028	6,557
16	27	98 717	31 035,354	427 201,440	13,765	13,295	66	77	64 174	542,497	3 658,529	6,744	6,274
17	28	98 665	28 854,845	396 166,086	13,730	13,259	67	78	61 362	482,542	3 116,031	6,458	5,987
18	29	98 607	26 825,838	367 311,241	13,692	13,222	68	79	58 333	426,713	2 633,489	6,172	5,701
19	30	98 531	24 935,096	340 485,403	13,655	13,185	69	80	55 138	375,206	2 206,776	5,882	5,411
20	31	98 455	23 177,541	315 550,307	13,614	13,144	70	81	51 729	327,447	1 831,570	5,593	5,123
21	32	98 372	21 542,398	292 372,766	13,572	13,102	71	82	48 145	283,501	1 504,123	5,306	4,835
22	33	98 284	20 021,511	270 830,368	13,527	13,057	72	83	44 357	242,967	1 220,622	5,024	4,554
23	34	98 196	18 607,959	250 808,856	13,479	13,008	73	84	40 448	206,100	977,655	4,744	4,273
24	35	98 103	17 293,331	232 200,898	13,427	12,957	74	85	36 403	172,547	771,555	4,472	4,001
25	36	98 009	16 071,423	214 907,567	13,372	12,902	75	86	32 259	142,240	599,008	4,211	3,741
26	37	97 909	14 934,847	198 836,145	13,314	12,843	76	87	28 126	115,362	456,768	3,959	3,489
27	38	97 799	13 877,398	183 901,298	13,252	12,782	77	88	24 036	91,710	341,406	3,723	3,252
28	39	97 683	12 893,854	170 023,900	13,186	12,716	78	89	20 111	71,379	249,696	3,498	3,028
29	40	97 560	11 979,146	157 130,045	13,117	12,647	79	90	16 353	53,991	178,317	3,303	2,832
30	41	97 427	11 128,199	145 150,900	13,044	12,573	80	91	13 008	39,952	124,326	3,112	2,642
31	42	97 287	10 336,897	134 022,701	12,965	12,495	81	92	10 001	28,573	84,374	2,953	2,483
32	43	97 131	9 600,302	123 685,804	12,884	12,413	82	93	7 518	19,980	55,801	2,793	2,323
33	44	96 960	8 914,811	114 085,502	12,797	12,327	83	94	5 481	13,550	35,821	2,644	2,173
34	45	96 777	8 277,211	105 170,690	12,706	12,236	84	95	3 870	8,900	22,271	2,502	2,032
35	46	96 577	7 683,859	96 893,479	12,610	12,140	85	96	2 635	5,637	13,371	2,372	1,902
36	47	96 360	7 131,708	89 209,621	12,509	12,039	86	97	1 727	3,437	7,734	2,251	1,780
37	48	96 118	6 617,465	82 077,913	12,403	11,933	87	98	1 086	2,010	4,298	2,138	1,668
38	49	95 857	6 139,065	75 460,448	12,292	11,822	88	99	652	1,123	2,288	2,037	1,566
39	50	95 555	5 692,743	69 321,384	12,177	11,707	89	100	375	0,600	1,165	1,941	1,471
40	51	95 235	5 277,843	63 628,641	12,056	11,586							
41	52	94 880	4 891,325	58 350,798	11,929	11,459							
42	53	94 490	4 531,364	53 459,473	11,798	11,327							
43	54	94 062	4 196,122	48 928,109	11,660	11,190							
44	55	93 594	3 883,974	44 731,987	11,517	11,047							
45	56	93 077	3 593,036	40 848,012	11,369	10,898							
46	57	92 521	3 322,375	37 254,977	11,213	10,743							
47	58	91 923	3 070,616	33 932,602	11,051	10,580							
48	59	91 253	2 835,575	30 861,986	10,884	10,414							
49	60	90 531	2 616,868	28 026,411	10,710	10,240							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß   7,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	12	99 564	99 564,040	1 399 818,849	14,059	13,589	50	62	89 205	2 398,636	24 973,489	10,412	9,941
1	13	99 171	92 252,057	1 300 254,808	14,095	13,624	51	63	88 287	2 208,344	22 574,853	10,223	9,752
2	14	99 130	85 780,102	1 208 002,752	14,083	13,612	52	64	87 278	2 030,779	20 366,509	10,029	9,559
3	15	99 100	79 771,736	1 122 222,650	14,068	13,598	53	65	86 202	1 865,826	18 335,730	9,827	9,357
4	16	99 074	74 186,614	1 042 450,914	14,052	13,581	54	66	85 057	1 712,591	16 469,904	9,617	9,147
5	17	99 046	68 991,021	968 264,300	14,035	13,564	55	67	83 807	1 569,699	14 757,313	9,401	8,931
6	18	99 019	64 160,463	899 273,279	14,016	13,546	56	68	82 480	1 437,060	13 187,615	9,177	8,707
7	19	98 986	59 664,215	835 112,816	13,997	13,527	57	69	81 084	1 314,169	11 750,555	8,941	8,471
8	20	98 957	55 485,560	775 448,601	13,976	13,505	58	70	79 577	1 199,768	10 436,385	8,699	8,228
9	21	98 927	51 598,718	719 963,041	13,953	13,483	59	71	77 962	1 093,411	9 236,617	8,448	7,977
10	22	98 899	47 984,993	668 364,323	13,929	13,458	60	72	76 224	994,447	8 143,207	8,189	7,718
11	23	98 868	44 623,201	620 379,330	13,903	13,432	61	73	74 339	902,200	7 148,760	7,924	7,453
12	24	98 836	41 496,905	575 756,129	13,875	13,404	62	74	72 314	816,391	6 246,560	7,651	7,181
13	25	98 806	38 589,674	534 259,224	13,845	13,374	63	75	70 118	736,367	5 430,169	7,374	6,904
14	26	98 773	35 885,495	495 669,550	13,813	13,342	64	76	67 746	661,819	4 693,802	7,092	6,622
15	27	98 735	33 368,946	459 784,056	13,779	13,309	65	77	65 155	592,101	4 031,983	6,810	6,339
16	28	98 691	31 027,016	426 415,110	13,743	13,273	66	78	62 394	527,457	3 439,882	6,522	6,051
17	29	98 640	28 847,549	395 388,094	13,706	13,236	67	79	59 395	467,068	2 912,425	6,236	5,765
18	30	98 578	26 818,141	366 540,545	13,668	13,197	68	80	56 215	411,221	2 445,357	5,947	5,476
19	31	98 503	24 928,039	339 722,405	13,628	13,158	69	81	52 835	359,535	2 034,136	5,658	5,187
20	32	98 425	23 170,541	314 794,366	13,586	13,116	70	82	49 267	311,864	1 674,601	5,370	4,899
21	33	98 337	21 534,762	291 623,825	13,542	13,072	71	83	45 491	267,867	1 362,737	5,087	4,617
22	34	98 248	20 014,191	270 089,063	13,495	13,025	72	84	41 575	227,731	1 094,869	4,808	4,337
23	35	98 154	18 600,054	250 074,872	13,445	12,975	73	85	37 523	191,195	867,139	4,535	4,065
24	36	98 064	17 286,452	231 474,818	13,391	12,920	74	86	33 390	158,268	675,943	4,271	3,801
25	37	97 962	16 063,785	214 188,365	13,334	12,863	75	87	29 220	128,838	517,675	4,018	3,548
26	38	97 856	14 926,876	198 124,580	13,273	12,803	76	88	25 080	102,869	388,838	3,780	3,310
27	39	97 745	13 869,672	183 197,704	13,209	12,738	77	89	21 097	80,495	285,968	3,553	3,082
28	40	97 619	12 885,324	169 328,032	13,141	12,671	78	90	17 265	61,278	205,473	3,353	2,883
29	41	97 491	11 970,686	156 442,707	13,069	12,599	79	91	13 822	45,634	144,196	3,160	2,690
30	42	97 349	11 119,280	144 472,022	12,993	12,523	80	92	10 697	32,853	98,562	3,000	2,530
31	43	97 200	10 327,696	133 352,742	12,912	12,442	81	93	8 108	23,166	65,709	2,836	2,366
32	44	97 031	9 590,472	123 025,046	12,828	12,358	82	94	5 960	15,839	42,543	2,686	2,216
33	45	96 851	8 904,799	113 434,573	12,739	12,268	83	95	4 243	10,490	26,704	2,546	2,075
34	46	96 654	8 266,705	104 529,775	12,645	12,174	84	96	2 922	6,719	16,214	2,413	1,943
35	47	96 441	7 673,031	96 263,070	12,546	12,075	85	97	1 937	4,145	9,495	2,291	1,821
36	48	96 203	7 120,047	88 590,039	12,442	11,972	86	98	1 235	2,458	5,351	2,177	1,707
37	49	95 948	6 605,763	81 469,992	12,333	11,863	87	99	754	1,397	2,893	2,072	1,601
38	50	95 660	6 126,433	74 864,230	12,220	11,750	88	100	440	0,757	1,496	1,976	1,506
39	51	95 344	5 680,202	68 737,797	12,101	11,631							
40	52	95 002	5 264,929	63 057,595	11,977	11,507							
41	53	94 619	4 877,897	57 792,666	11,848	11,378							
42	54	94 206	4 517,740	52 914,770	11,713	11,242							
43	55	93 761	4 182,731	48 397,029	11,571	11,100							
44	56	93 263	3 870,213	44 214,298	11,424	10,954							
45	57	92 726	3 579,482	40 344,085	11,271	10,801							
46	58	92 151	3 309,097	36 764,604	11,110	10,640							
47	59	91 517	3 057,067	33 455,506	10,944	10,473							
48	60	90 822	2 822,185	30 398,439	10,771	10,301							
49	61	90 043	2 602,765	27 576,254	10,595	10,125							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß   7,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$
0	13	99 556	99 556,026	1 398 808,534	14,050	13,580	50	63	88 642	2 383,506	24 509,645	10,283	9,813
1	14	99 162	92 243,793	1 299 252,508	14,085	13,615	51	64	87 692	2 193,465	22 126,139	10,087	9,617
2	15	99 119	85 770,805	1 207 008,715	14,072	13,602	52	65	86 636	2 015,854	19 932,675	9,888	9,418
3	16	99 088	79 761,701	1 121 237,910	14,057	13,587	53	66	85 529	1 851,254	17 916,821	9,678	9,208
4	17	99 059	74 175,198	1 041 476,209	14,041	13,570	54	67	84 330	1 697,941	16 065,567	9,462	8,992
5	18	99 030	68 979,950	967 301,011	14,023	13,553	55	68	83 042	1 555,364	14 367,626	9,237	8,767
6	19	98 996	64 145,808	898 321,061	14,004	13,534	56	69	81 679	1 423,105	12 812,262	9,003	8,533
7	20	98 965	59 651,892	834 175,252	13,984	13,514	57	70	80 223	1 300,211	11 389,157	8,759	8,289
8	21	98 935	55 473,243	774 523,361	13,962	13,492	58	71	78 654	1 185,845	10 088,946	8,508	8,038
9	22	98 906	51 587,919	719 050,118	13,938	13,468	59	72	76 958	1 079,331	8 903,101	8,249	7,778
10	23	98 876	47 974,229	667 462,199	13,913	13,443	60	73	75 120	980,050	7 823,770	7,983	7,513
11	24	98 845	44 613,001	619 487,971	13,886	13,416	61	74	73 131	887,529	6 843,721	7,711	7,241
12	25	98 817	41 488,517	574 874,970	13,856	13,386	62	75	70 968	801,200	5 956,191	7,434	6,964
13	26	98 784	38 581,185	533 386,453	13,825	13,355	63	76	68 613	720,566	5 154,992	7,154	6,684
14	27	98 749	35 877,002	494 805,268	13,792	13,321	64	77	66 086	645,609	4 434,426	6,869	6,398
15	28	98 708	33 359,981	458 928,266	13,757	13,287	65	78	63 348	575,686	3 788,817	6,581	6,111
16	29	98 666	31 019,170	425 568,285	13,720	13,249	66	79	60 394	510,543	3 213,131	6,294	5,823
17	30	98 612	28 839,272	394 549,115	13,681	13,211	67	80	57 238	450,110	2 702,588	6,004	5,534
18	31	98 550	26 810,550	365 709,843	13,641	13,170	68	81	53 867	394,046	2 252,478	5,716	5,246
19	32	98 473	24 920,510	338 899,293	13,599	13,129	69	82	50 321	342,425	1 858,432	5,427	4,957
20	33	98 390	23 162,328	313 978,783	13,556	13,085	70	83	46 550	294,666	1 516,007	5,145	4,675
21	34	98 301	21 526,888	290 816,455	13,509	13,039	71	84	42 638	251,069	1 221,340	4,865	4,394
22	35	98 206	20 005,689	269 289,567	13,461	12,990	72	85	38 568	211,262	970,271	4,593	4,122
23	36	98 115	18 592,656	249 283,878	13,408	12,937	73	86	34 418	175,373	759,009	4,328	3,858
24	37	98 017	17 278,237	230 691,222	13,352	12,881	74	87	30 244	143,356	583,636	4,071	3,601
25	38	97 910	16 055,212	213 412,984	13,292	12,822	75	88	26 056	114,886	440,281	3,832	3,362
26	39	97 802	14 918,566	197 357,772	13,229	12,759	76	89	22 013	90,290	325,395	3,604	3,134
27	40	97 680	13 860,497	182 439,206	13,163	12,692	77	90	18 111	69,104	235,105	3,402	2,932
28	41	97 550	12 876,224	168 578,709	13,092	12,622	78	91	14 592	51,792	166,001	3,205	2,735
29	42	97 413	11 961,091	155 702,485	13,017	12,547	79	92	11 366	37,525	114,209	3,044	2,573
30	43	97 262	11 109,383	143 741,393	12,939	12,468	80	93	8 673	26,636	76,684	2,879	2,409
31	44	97 100	10 317,122	132 632,011	12,856	12,385	81	94	6 428	18,365	50,048	2,725	2,255
32	45	96 922	9 579,701	122 314,889	12,768	12,298	82	95	4 613	12,261	31,683	2,584	2,114
33	46	96 728	8 893,496	112 735,189	12,676	12,206	83	96	3 203	7,919	19,422	2,453	1,982
34	47	96 518	8 255,056	103 841,692	12,579	12,109	84	97	2 148	4,940	11,503	2,328	1,858
35	48	96 284	7 660,485	95 586,636	12,478	12,008	85	98	1 386	2,964	6,562	2,214	1,744
36	49	96 033	7 107,455	87 926,151	12,371	11,901	86	99	858	1,708	3,598	2,107	1,637
37	50	95 751	6 592,170	80 818,696	12,260	11,790	87	100	509	0,941	1,890	2,008	1,538
38	51	95 449	6 112,936	74 226,526	12,143	11,672							
39	52	95 111	5 666,303	68 113,590	12,021	11,551							
40	53	94 741	5 250,475	62 447,286	11,894	11,423							
41	54	94 335	4 863,231	57 196,812	11,761	11,291							
42	55	93 905	4 503,323	52 333,580	11,621	11,151							
43	56	93 429	4 167,911	47 830,257	11,476	11,006							
44	57	92 911	3 855,614	43 662,346	11,324	10,854							
45	58	92 355	3 565,176	39 806,733	11,165	10,695							
46	59	91 744	3 294,496	36 241,556	11,001	10,530							
47	60	91 085	3 042,632	32 947,060	10,828	10,358							
48	61	90 333	2 806,975	29 904,428	10,654	10,183							
49	62	89 525	2 587,808	27 097,453	10,471	10,001							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß   7,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	14	99 547	99 547,108	1 397 720,416	14,041	13,571	50	64	88 045	2 367,446	24 017,228	10,145	9,675
1	15	99 151	92 233,795	1 298 173,308	14,075	13,605	51	65	87 048	2 177,344	21 649,782	9,943	9,473
2	16	99 106	85 760,016	1 205 939,513	14,062	13,592	52	66	85 960	2 000,110	19 472,438	9,736	9,265
3	17	99 072	79 749,428	1 120 179,498	14,046	13,576	53	67	84 798	1 835,418	17 472,327	9,520	9,049
4	18	99 043	74 163,295	1 040 430,070	14,029	13,559	54	68	83 559	1 682,435	15 636,910	9,294	8,824
5	19	99 007	68 964,195	966 266,774	14,011	13,541	55	69	82 236	1 540,260	13 954,475	9,060	8,590
6	20	98 976	64 132,560	897 302,580	13,991	13,521	56	70	80 812	1 407,990	12 414,215	8,817	8,347
7	21	98 943	59 638,650	833 170,020	13,970	13,500	57	71	79 292	1 285,122	11 006,225	8,564	8,094
8	22	98 915	55 461,633	773 531,371	13,947	13,477	58	72	77 641	1 170,575	9 721,102	8,305	7,834
9	23	98 884	51 576,346	718 069,738	13,922	13,452	59	73	75 844	1 063,704	8 550,528	8,038	7,568
10	24	98 854	47 963,263	666 493,392	13,896	13,426	60	74	73 899	964,113	7 486,823	7,766	7,295
11	25	98 825	44 603,983	618 530,129	13,867	13,397	61	75	71 770	871,014	6 522,711	7,489	7,018
12	26	98 795	41 479,390	573 926,146	13,836	13,366	62	76	69 446	784,007	5 651,696	7,209	6,738
13	27	98 760	38 572,054	532 446,756	13,804	13,334	63	77	66 933	702,917	4 867,689	6,925	6,455
14	28	98 723	35 867,363	493 874,702	13,769	13,299	64	78	64 254	627,711	4 164,772	6,635	6,165
15	29	98 683	33 351,545	458 007,339	13,733	13,262	65	79	61 317	557,225	3 537,061	6,348	5,877
16	30	98 637	31 010,270	424 655,793	13,694	13,224	66	80	58 201	492,007	2 979,836	6,056	5,586
17	31	98 584	28 831,109	393 645,523	13,653	13,183	67	81	54 848	431,311	2 487,829	5,768	5,298
18	32	98 521	26 802,453	364 814,414	13,611	13,141	68	82	51 303	375,293	2 056,518	5,480	5,009
19	33	98 438	24 911,676	338 011,961	13,568	13,098	69	83	47 546	323,542	1 681,225	5,196	4,726
20	34	98 354	23 153,859	313 100,285	13,523	13,052	70	84	43 631	276,187	1 357,683	4,916	4,446
21	35	98 259	21 517,744	289 946,426	13,475	13,004	71	85	39 554	232,913	1 081,495	4,643	4,173
22	36	98 167	19 997,732	268 428,682	13,423	12,953	72	86	35 377	193,779	848,582	4,379	3,909
23	37	98 069	18 583,821	248 430,950	13,368	12,898	73	87	31 175	158,849	654,803	4,122	3,652
24	38	97 965	17 269,016	229 847,129	13,310	12,840	74	88	26 969	127,831	495,954	3,880	3,409
25	39	97 856	16 046,274	212 578,113	13,248	12,778	75	89	22 869	100,837	368,123	3,651	3,180
26	40	97 737	14 908,697	196 531,839	13,182	12,712	76	90	18 898	77,512	267,286	3,448	2,978
27	41	97 611	13 850,708	181 623,142	13,113	12,643	77	91	15 308	58,407	189,774	3,249	2,779
28	42	97 471	12 865,904	167 772,434	13,040	12,570	78	92	11 999	42,589	131,367	3,085	2,614
29	43	97 326	11 950,445	154 906,530	12,962	12,492	79	93	9 215	30,425	88,778	2,918	2,448
30	44	97 163	11 098,007	142 956,085	12,881	12,411	80	94	6 875	21,116	58,353	2,763	2,293
31	45	96 991	10 305,534	131 858,078	12,795	12,325	81	95	4 976	14,217	37,238	2,619	2,149
32	46	96 799	9 567,542	121 552,544	12,705	12,234	82	96	3 483	9,257	23,021	2,487	2,017
33	47	96 592	8 880,965	111 985,002	12,610	12,139	83	97	2 355	5,823	13,765	2,364	1,894
34	48	96 360	8 241,558	103 104,038	12,510	12,040	84	98	1 536	3,534	7,942	2,248	1,777
35	49	96 113	7 646,938	94 862,480	12,405	11,935	85	99	963	2,060	4,408	2,140	1,670
36	50	95 835	7 092,831	87 215,542	12,296	11,826	86	100	578	1,151	2,349	2,040	1,570
37	51	95 540	6 577,648	80 122,711	12,181	11,711							
38	52	95 215	6 097,979	73 545,064	12,061	11,590							
39	53	94 850	5 650,747	67 447,085	11,936	11,466							
40	54	94 456	5 234,689	61 796,337	11,805	11,335							
41	55	94 034	4 847,712	56 561,648	11,668	11,197							
42	56	93 572	4 487,367	51 713,937	11,524	11,054							
43	57	93 077	4 152,189	47 226,570	11,374	10,904							
44	58	92 539	3 840,204	43 074,381	11,217	10,746							
45	59	91 948	3 549,446	39 234,177	11,054	10,583							
46	60	91 311	3 278,940	35 684,731	10,883	10,413							
47	61	90 594	3 026,234	32 405,791	10,708	10,238							
48	62	89 814	2 790,844	29 379,557	10,527	10,057							
49	63	88 961	2 571,485	26 588,713	10,340	9,870							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß   7,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	15	99 536	99 536,318	1 396 549,537	14,031	13,560	50	65	87 398	2 350,047	23 495,058	9,998	9,527
1	16	99 139	92 222,193	1 297 013,219	14,064	13,594	51	66	86 368	2 160,339	21 145,011	9,788	9,318
2	17	99 091	85 746,819	1 204 791,026	14,051	13,580	52	67	85 224	1 983,001	18 984,672	9,574	9,103
3	18	99 057	79 736,630	1 119 044,207	14,034	13,564	53	68	84 023	1 818,656	17 001,671	9,348	8,878
4	19	99 020	74 146,355	1 039 307,576	14,017	13,547	54	69	82 748	1 666,097	15 183,015	9,113	8,643
5	20	98 987	68 949,951	965 161,221	13,998	13,528	55	70	81 362	1 523,900	13 516,917	8,870	8,400
6	21	98 954	64 118,323	896 211,270	13,977	13,507	56	71	79 874	1 391,651	11 993,017	8,618	8,148
7	22	98 923	59 626,168	832 092,948	13,955	13,485	57	72	78 271	1 268,574	10 601,366	8,357	7,887
8	23	98 892	55 449,191	772 466,780	13,931	13,461	58	73	76 517	1 153,627	9 332,793	8,090	7,620
9	24	98 862	51 564,557	717 017,589	13,905	13,435	59	74	74 611	1 046,407	8 179,165	7,816	7,346
10	25	98 834	47 953,567	665 453,032	13,877	13,407	60	75	72 523	946,173	7 132,758	7,539	7,068
11	26	98 803	44 594,171	617 499,465	13,847	13,377	61	76	70 230	852,324	6 186,585	7,258	6,788
12	27	98 771	41 469,573	572 905,293	13,815	13,345	62	77	67 745	764,805	5 334,261	6,975	6,504
13	28	98 734	38 561,692	531 435,720	13,781	13,311	63	78	65 077	683,430	4 569,456	6,686	6,216
14	29	98 698	35 858,294	492 874,028	13,745	13,275	64	79	62 194	607,581	3 886,026	6,396	5,926
15	30	98 655	33 341,976	457 015,735	13,707	13,237	65	80	59 091	536,994	3 278,445	6,105	5,635
16	31	98 609	31 001,493	423 673,759	13,666	13,196	66	81	55 770	471,458	2 741,451	5,815	5,345
17	32	98 554	28 822,401	392 672,265	13,624	13,154	67	82	52 237	410,785	2 269,993	5,526	5,056
18	33	98 486	26 792,952	363 849,864	13,580	13,110	68	83	48 474	354,598	1 859,208	5,243	4,773
19	34	98 402	24 902,568	337 056,912	13,535	13,065	69	84	44 564	303,252	1 504,610	4,962	4,491
20	35	98 312	23 144,024	312 154,344	13,487	13,017	70	85	40 476	256,215	1 201,358	4,689	4,219
21	36	98 220	21 509,185	289 010,320	13,437	12,966	71	86	36 281	213,638	945,143	4,424	3,954
22	37	98 121	19 988,228	267 501,135	13,383	12,913	72	87	32 043	175,521	731,505	4,168	3,697
23	38	98 016	18 573,903	247 512,907	13,326	12,856	73	88	27 799	141,647	555,984	3,925	3,455
24	39	97 910	17 259,004	228 939,004	13,265	12,794	74	89	23 671	112,199	414,337	3,693	3,223
25	40	97 791	16 035,659	211 679,601	13,201	12,730	75	90	19 633	86,567	302,138	3,490	3,020
26	41	97 668	14 898,168	195 643,943	13,132	12,662	76	91	15 973	65,514	215,571	3,290	2,820
27	42	97 533	13 839,607	180 745,775	13,060	12,590	77	92	12 588	48,029	150,058	3,124	2,654
28	43	97 385	12 854,453	166 906,168	12,984	12,514	78	93	9 729	34,530	102,029	2,955	2,484
29	44	97 226	11 938,208	154 051,715	12,904	12,434	79	94	7 305	24,119	67,499	2,799	2,328
30	45	97 053	11 085,542	142 113,507	12,820	12,349	80	95	5 322	16,346	43,380	2,654	2,184
31	46	96 868	10 292,454	131 027,965	12,730	12,260	81	96	3 757	10,733	27,034	2,519	2,049
32	47	96 663	9 554,060	120 735,511	12,637	12,167	82	97	2 561	6,806	16,301	2,395	1,925
33	48	96 434	8 866,443	111 181,451	12,540	12,069	83	98	1 685	4,165	9,495	2,280	1,810
34	49	96 190	8 226,984	102 315,008	12,437	11,966	84	99	1 068	2,455	5,330	2,171	1,701
35	50	95 916	7 631,203	94 088,024	12,329	11,859	85	100	649	1,388	2,875	2,071	1,600
36	51	95 624	7 077,205	86 456,821	12,216	11,746							
37	52	95 306	6 561,553	79 379,616	12,098	11,627							
38	53	94 954	6 081,238	72 818,063	11,974	11,504							
39	54	94 565	5 633,758	66 736,825	11,846	11,376							
40	55	94 155	5 217,984	61 103,067	11,710	11,240							
41	56	93 701	4 830,535	55 885,083	11,569	11,099							
42	57	93 219	4 470,440	51 054,548	11,420	10,950							
43	58	92 705	4 135,594	46 584,108	11,264	10,794							
44	59	92 131	3 823,260	42 448,514	11,103	10,632							
45	60	91 514	3 532,685	38 625,253	10,934	10,463							
46	61	90 819	3 261,268	35 092,568	10,760	10,290							
47	62	90 074	3 008,843	31 831,300	10,579	10,109							
48	63	89 247	2 773,241	28 822,457	10,393	9,923							
49	64	88 361	2 554,158	26 049,216	10,199	9,728							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß   7,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä_{xy}^{(12)}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä_{xy}^{(12)}$
0	16	99 524	99 523,797	1 395 291,628	14,020	13,549	50	66	86 715	2 331,693	22 942,328	9,839	9,369
1	17	99 124	92 208,003	1 295 767,830	14,053	13,582	51	67	85 629	2 141,859	20 610,635	9,623	9,152
2	18	99 075	85 733,059	1 203 559,828	14,038	13,568	52	68	84 446	1 964,892	18 468,776	9,399	8,929
3	19	99 034	79 718,418	1 117 826,768	14,022	13,552	53	69	83 207	1 800,996	16 503,884	9,164	8,693
4	20	99 000	74 131,041	1 038 108,351	14,004	13,533	54	70	81 869	1 648,401	14 702,888	8,919	8,449
5	21	98 965	68 934,645	963 977,309	13,984	13,514	55	71	80 418	1 506,216	13 054,487	8,667	8,197
6	22	98 933	64 104,903	895 042,665	13,962	13,492	56	72	78 845	1 373,730	11 548,272	8,407	7,936
7	23	98 901	59 612,792	830 937,761	13,939	13,469	57	73	77 137	1 250,208	10 174,542	8,138	7,668
8	24	98 870	55 436,516	771 324,970	13,914	13,443	58	74	75 272	1 134,868	8 924,334	7,864	7,393
9	25	98 842	51 554,134	715 888,453	13,886	13,416	59	75	73 222	1 026,936	7 789,466	7,585	7,115
10	26	98 812	47 943,019	664 334,320	13,857	13,386	60	76	70 967	925,870	6 762,530	7,304	6,834
11	27	98 780	44 583,617	616 391,301	13,826	13,355	61	77	68 510	831,448	5 836,660	7,020	6,550
12	28	98 745	41 458,432	571 807,684	13,792	13,322	62	78	65 867	743,602	5 005,211	6,731	6,261
13	29	98 709	38 551,941	530 349,251	13,757	13,286	63	79	62 990	661,513	4 261,610	6,442	5,972
14	30	98 670	35 848,005	491 797,311	13,719	13,249	64	80	59 936	585,522	3 600,096	6,149	5,678
15	31	98 627	33 332,539	455 949,306	13,679	13,209	65	81	56 623	514,566	3 014,574	5,858	5,388
16	32	98 580	30 992,130	422 616,766	13,636	13,166	66	82	53 116	449,021	2 500,008	5,568	5,097
17	33	98 519	28 812,185	391 624,636	13,592	13,122	67	83	49 357	388,133	2 050,987	5,284	4,814
18	34	98 450	26 783,156	362 812,451	13,546	13,076	68	84	45 434	332,360	1 662,854	5,003	4,533
19	35	98 360	24 891,990	336 029,296	13,499	13,029	69	85	41 342	281,322	1 330,494	4,729	4,259
20	36	98 273	23 134,818	311 137,306	13,449	12,979	70	86	37 126	235,012	1 049,171	4,464	3,994
21	37	98 174	21 498,964	288 002,488	13,396	12,926	71	87	32 863	193,509	814,159	4,207	3,737
22	38	98 068	19 977,561	266 503,524	13,340	12,870	72	88	28 573	156,513	620,651	3,965	3,495
23	39	97 962	18 563,562	246 525,963	13,280	12,810	73	89	24 399	124,325	464,137	3,733	3,263
24	40	97 846	17 247,984	227 962,401	13,217	12,746	74	90	20 321	96,321	339,812	3,528	3,058
25	41	97 722	16 024,334	210 714,416	13,150	12,679	75	91	16 594	73,166	243,491	3,328	2,858
26	42	97 590	14 886,227	194 690,082	13,079	12,608	76	92	13 134	53,873	170,325	3,162	2,691
27	43	97 446	13 827,289	179 803,855	13,004	12,533	77	93	10 206	38,940	116,452	2,991	2,520
28	44	97 285	12 841,290	165 976,567	12,925	12,455	78	94	7 713	27,374	77,511	2,832	2,361
29	45	97 117	11 924,800	153 135,276	12,842	12,371	79	95	5 655	18,671	50,138	2,685	2,215
30	46	96 930	11 071,472	141 210,477	12,754	12,284	80	96	4 018	12,340	31,467	2,550	2,080
31	47	96 732	10 277,950	130 139,005	12,662	12,192	81	97	2 762	7,892	19,126	2,424	1,953
32	48	96 505	9 538,438	119 861,054	12,566	12,096	82	98	1 832	4,868	11,234	2,308	1,838
33	49	96 263	8 850,763	110 322,616	12,465	11,994	83	99	1 170	2,894	6,366	2,200	1,730
34	50	95 992	8 210,055	101 471,853	12,359	11,889	84	100	720	1,655	3,473	2,098	1,628
35	51	95 704	7 614,392	93 261,797	12,248	11,778							
36	52	95 390	7 059,889	85 647,406	12,132	11,661							
37	53	95 044	6 543,540	78 587,517	12,010	11,540							
38	54	94 669	6 062,954	72 043,977	11,883	11,412							
39	55	94 263	5 615,780	65 981,023	11,749	11,279							
40	56	93 821	5 199,496	60 365,244	11,610	11,140							
41	57	93 347	4 812,314	55 165,748	11,463	10,993							
42	58	92 847	4 452,574	50 353,434	11,309	10,839							
43	59	92 296	4 117,347	45 900,861	11,148	10,678							
44	60	91 696	3 805,207	41 783,514	10,981	10,510							
45	61	91 020	3 513,646	37 978,307	10,809	10,339							
46	62	90 297	3 242,527	34 464,661	10,629	10,159							
47	63	89 505	2 989,864	31 222,134	10,443	9,972							
48	64	88 646	2 754,555	28 232,270	10,249	9,779							
49	65	87 712	2 535,387	25 477,715	10,049	9,579							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß   7,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	17	99 508	99 508,483	1 393 941,957	14,008	13,538	50	67	85 973	2 311,747	22 357,777	9,671	9,201
1	18	99 108	92 193,206	1 294 433,474	14,040	13,570	51	68	84 847	2 122,299	20 046,030	9,445	8,975
2	19	99 053	85 713,477	1 202 240,268	14,026	13,556	52	69	83 626	1 945,811	17 923,731	9,211	8,741
3	20	99 013	79 701,953	1 116 526,791	14,009	13,538	53	70	82 323	1 781,866	15 977,920	8,967	8,497
4	21	98 978	74 114,585	1 036 824,838	13,989	13,519	54	71	80 919	1 629,272	14 196,053	8,713	8,243
5	22	98 944	68 920,217	962 710,253	13,968	13,498	55	72	79 382	1 486,820	12 566,781	8,452	7,982
6	23	98 911	64 090,523	893 790,036	13,946	13,475	56	73	77 704	1 353,842	11 079,962	8,184	7,714
7	24	98 878	59 599,166	829 699,513	13,921	13,451	57	74	75 883	1 229,878	9 726,120	7,908	7,438
8	25	98 850	55 425,310	770 100,348	13,894	13,424	58	75	73 872	1 113,751	8 496,242	7,628	7,158
9	26	98 820	51 542,793	714 675,037	13,866	13,395	59	76	71 651	1 004,900	7 382,491	7,346	6,876
10	27	98 789	47 931,672	663 132,244	13,835	13,365	60	77	69 229	903,193	6 377,591	7,061	6,591
11	28	98 753	44 571,640	615 200,572	13,803	13,332	61	78	66 610	808,398	5 474,398	6,772	6,302
12	29	98 720	41 447,949	570 628,932	13,767	13,297	62	79	63 754	719,756	4 666,000	6,483	6,012
13	30	98 681	38 540,879	529 180,983	13,730	13,260	63	80	60 703	637,496	3 946,245	6,190	5,720
14	31	98 642	35 837,859	490 640,104	13,691	13,220	64	81	57 432	561,067	3 308,748	5,897	5,427
15	32	98 597	33 322,472	454 802,245	13,649	13,178	65	82	53 928	490,078	2 747,681	5,607	5,136
16	33	98 545	30 981,144	421 479,773	13,604	13,134	66	83	50 187	424,260	2 257,603	5,321	4,851
17	34	98 483	28 801,650	390 498,629	13,558	13,088	67	84	46 262	363,792	1 833,343	5,040	4,569
18	35	98 408	26 771,779	361 696,979	13,510	13,040	68	85	42 149	308,326	1 469,551	4,766	4,296
19	36	98 321	24 882,089	334 925,200	13,460	12,990	69	86	37 920	258,042	1 161,225	4,500	4,030
20	37	98 227	23 123,824	310 043,111	13,408	12,938	70	87	33 628	212,868	903,183	4,243	3,773
21	38	98 121	21 487,490	286 919,287	13,353	12,883	71	88	29 304	172,553	690,315	4,001	3,530
22	39	98 014	19 966,439	265 431,797	13,294	12,824	72	89	25 079	137,374	517,762	3,769	3,299
23	40	97 897	18 551,282	245 465,358	13,232	12,761	73	90	20 946	106,731	380,388	3,564	3,094
24	41	97 777	17 235,803	226 914,076	13,165	12,695	74	91	17 176	81,411	273,657	3,361	2,891
25	42	97 644	16 011,490	209 678,273	13,095	12,625	75	92	13 645	60,166	192,246	3,195	2,725
26	43	97 503	14 872,977	193 666,782	13,021	12,551	76	93	10 649	43,679	132,080	3,024	2,554
27	44	97 347	13 813,130	178 793,805	12,944	12,473	77	94	8 091	30,870	88,401	2,864	2,393
28	45	97 176	12 826,868	164 980,675	12,862	12,392	78	95	5 970	21,191	57,531	2,715	2,245
29	46	96 994	11 909,664	152 153,807	12,776	12,305	79	96	4 269	14,096	36,341	2,578	2,108
30	47	96 794	11 055,871	140 244,143	12,685	12,215	80	97	2 954	9,074	22,245	2,452	1,981
31	48	96 574	10 261,145	129 188,272	12,590	12,120	81	98	1 976	5,644	13,171	2,334	1,863
32	49	96 334	9 521,570	118 927,127	12,490	12,020	82	99	1 273	3,382	7,527	2,225	1,755
33	50	96 065	8 832,552	109 405,557	12,387	11,916	83	100	789	1,951	4,145	2,125	1,655
34	51	95 780	8 191,969	100 573,005	12,277	11,807							
35	52	95 470	7 595,761	92 381,037	12,162	11,692							
36	53	95 128	7 040,507	84 785,276	12,042	11,572							
37	54	94 759	6 523,866	77 744,769	11,917	11,447							
38	55	94 366	6 043,606	71 220,903	11,785	11,314							
39	56	93 929	5 595,882	65 177,297	11,647	11,177							
40	57	93 467	5 179,882	59 581,415	11,502	11,032							
41	58	92 974	4 793,081	54 401,533	11,350	10,880							
42	59	92 437	4 432,927	49 608,452	11,191	10,721							
43	60	91 860	4 097,905	45 175,525	11,024	10,554							
44	61	91 202	3 784,699	41 077,620	10,854	10,383							
45	62	90 497	3 493,454	37 292,921	10,675	10,205							
46	63	89 727	3 222,074	33 799,467	10,490	10,020							
47	64	88 902	2 969,719	30 577,393	10,296	9,826							
48	65	87 994	2 734,311	27 607,674	10,097	9,626							
49	66	87 027	2 515,586	24 873,363	9,888	9,417							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß 7,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	18	99 493	99 492,515	1 392 496,602	13,996	13,526	50	68	85 188	2 290,636	21 740,752	9,491	9,021
1	19	99 085	92 172,148	1 293 004,087	14,028	13,558	51	69	84 023	2 101,690	19 450,116	9,255	8,784
2	20	99 032	85 695,774	1 200 831,939	14,013	13,542	52	70	82 738	1 925,144	17 348,425	9,011	8,541
3	21	98 992	79 684,260	1 115 136,165	13,994	13,524	53	71	81 368	1 761,188	15 423,282	8,757	8,287
4	22	98 957	74 099,074	1 035 451,906	13,974	13,504	54	72	79 877	1 608,291	13 662,093	8,495	8,025
5	23	98 922	68 904,756	961 352,832	13,952	13,482	55	73	78 233	1 465,294	12 053,802	8,226	7,756
6	24	98 888	64 075,873	892 448,076	13,928	13,458	56	74	76 440	1 331,827	10 588,508	7,950	7,480
7	25	98 858	59 587,118	828 372,203	13,902	13,432	57	75	74 471	1 206,993	9 256,681	7,669	7,199
8	26	98 828	55 413,118	768 785,085	13,874	13,403	58	76	72 287	1 089,852	8 049,689	7,386	6,916
9	27	98 796	51 530,594	713 371,967	13,844	13,373	59	77	69 896	980,287	6 959,837	7,100	6,630
10	28	98 762	47 918,795	661 841,372	13,812	13,341	60	78	67 310	878,153	5 979,549	6,809	6,339
11	29	98 728	44 560,369	613 922,577	13,777	13,307	61	79	64 474	782,474	5 101,396	6,520	6,049
12	30	98 692	41 436,057	569 362,208	13,741	13,270	62	80	61 440	693,624	4 318,922	6,227	5,756
13	31	98 653	38 529,971	527 926,151	13,702	13,231	63	81	58 168	610,871	3 625,298	5,935	5,464
14	32	98 612	35 827,035	489 396,180	13,660	13,190	64	82	54 699	534,366	3 014,427	5,641	5,171
15	33	98 562	33 310,660	453 569,145	13,616	13,146	65	83	50 954	463,053	2 480,061	5,356	4,886
16	34	98 509	30 969,816	420 258,485	13,570	13,100	66	84	47 040	397,654	2 017,008	5,072	4,602
17	35	98 441	28 789,416	389 288,669	13,522	13,052	67	85	42 916	337,484	1 619,354	4,798	4,328
18	36	98 369	26 761,130	360 499,253	13,471	13,001	68	86	38 661	282,810	1 281,869	4,533	4,062
19	37	98 275	24 870,265	333 738,123	13,419	12,949	69	87	34 348	233,728	999,059	4,274	3,804
20	38	98 174	23 111,483	308 867,858	13,364	12,894	70	88	29 987	189,816	765,331	4,032	3,562
21	39	98 067	21 475,528	285 756,375	13,306	12,836	71	89	25 720	151,452	575,514	3,800	3,330
22	40	97 949	19 953,230	264 280,847	13,245	12,775	72	90	21 530	117,933	424,062	3,596	3,126
23	41	97 828	18 538,180	244 327,617	13,180	12,709	73	91	17 704	90,210	306,129	3,394	2,923
24	42	97 698	17 221,989	225 789,436	13,111	12,640	74	92	14 124	66,945	215,920	3,225	2,755
25	43	97 557	15 997,239	208 567,447	13,038	12,567	75	93	11 063	48,781	148,974	3,054	2,584
26	44	97 403	14 857,748	192 570,209	12,961	12,491	76	94	8 442	34,626	100,193	2,894	2,423
27	45	97 237	13 797,616	177 712,461	12,880	12,410	77	95	6 263	23,897	65,567	2,744	2,273
28	46	97 052	12 810,587	163 914,845	12,795	12,325	78	96	4 507	15,998	41,670	2,605	2,134
29	47	96 857	11 892,882	151 104,257	12,705	12,235	79	97	3 139	10,364	25,673	2,477	2,007
30	48	96 635	11 037,794	139 211,375	12,612	12,142	80	98	2 113	6,490	15,308	2,359	1,888
31	49	96 403	10 242,999	128 173,581	12,513	12,043	81	99	1 373	3,922	8,818	2,249	1,778
32	50	96 136	9 501,978	117 930,583	12,411	11,941	82	100	858	2,280	4,897	2,148	1,677
33	51	95 853	8 813,094	108 428,605	12,303	11,833							
34	52	95 546	8 171,925	99 615,511	12,190	11,720							
35	53	95 208	7 574,908	91 443,587	12,072	11,602							
36	54	94 842	7 019,339	83 868,679	11,948	11,478							
37	55	94 456	6 503,047	76 849,340	11,817	11,347							
38	56	94 032	6 022,192	70 346,293	11,681	11,211							
39	57	93 574	5 574,773	64 324,100	11,538	11,068							
40	58	93 093	5 159,180	58 749,327	11,387	10,917							
41	59	92 564	4 771,932	53 590,147	11,230	10,760							
42	60	92 001	4 411,995	48 818,215	11,065	10,595							
43	61	91 365	4 075,819	44 406,220	10,895	10,425							
44	62	90 678	3 762,949	40 330,400	10,718	10,247							
45	63	89 927	3 471,419	36 567,451	10,534	10,064							
46	64	89 123	3 200,364	33 096,032	10,341	9,871							
47	65	88 249	2 947,893	29 895,668	10,141	9,671							
48	66	87 307	2 712,956	26 947,774	9,933	9,463							
49	67	86 283	2 494,067	24 234,818	9,717	9,247							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß 7,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	19	99 470	99 469,790	1 390 949,036	13,984	13,513	50	69	84 361	2 268,392	21 090,104	9,297	8,827
1	20	99 065	92 153,111	1 291 479,246	14,014	13,544	51	70	83 131	2 079,367	18 821,711	9,052	8,581
2	21	99 010	85 676,750	1 199 326,136	13,998	13,528	52	71	81 778	1 902,803	16 742,344	8,799	8,328
3	22	98 971	79 667,583	1 113 649,386	13,979	13,508	53	72	80 320	1 738,509	14 839,541	8,536	8,066
4	23	98 935	74 082,451	1 033 981,803	13,957	13,487	54	73	78 721	1 585,007	13 101,032	8,266	7,795
5	24	98 899	68 889,006	959 899,352	13,934	13,464	55	74	76 961	1 441,467	11 516,025	7,989	7,519
6	25	98 868	64 062,921	891 010,346	13,908	13,438	56	75	75 018	1 307,044	10 074,559	7,708	7,238
7	26	98 836	59 574,010	826 947,425	13,881	13,411	57	76	72 873	1 181,093	8 767,514	7,423	6,953
8	27	98 805	55 400,004	767 373,415	13,852	13,381	58	77	70 516	1 063,159	7 586,421	7,136	6,665
9	28	98 770	51 516,751	711 973,411	13,820	13,350	59	78	67 958	953,110	6 523,262	6,844	6,374
10	29	98 737	47 906,678	660 456,661	13,786	13,316	60	79	65 151	849,992	5 570,152	6,553	6,083
11	30	98 700	44 547,584	612 549,983	13,750	13,280	61	80	62 133	754,065	4 720,160	6,260	5,789
12	31	98 664	41 424,329	568 002,399	13,712	13,242	62	81	58 874	664,655	3 966,095	5,967	5,497
13	32	98 623	38 518,334	526 578,070	13,671	13,201	63	82	55 400	581,799	3 301,440	5,675	5,204
14	33	98 577	35 814,335	488 059,736	13,627	13,157	64	83	51 683	504,899	2 719,640	5,387	4,916
15	34	98 526	33 298,481	452 245,401	13,582	13,111	65	84	47 759	434,014	2 214,742	5,103	4,633
16	35	98 467	30 956,661	418 946,920	13,533	13,063	66	85	43 638	368,898	1 780,728	4,827	4,357
17	36	98 402	28 777,965	387 990,259	13,482	13,012	67	86	39 365	309,556	1 411,830	4,561	4,091
18	37	98 322	26 748,413	359 212,294	13,429	12,959	68	87	35 018	256,163	1 102,274	4,303	3,833
19	38	98 222	24 856,992	332 463,881	13,375	12,905	69	88	30 628	208,418	846,111	4,060	3,589
20	39	98 119	23 098,617	307 606,889	13,317	12,847	70	89	26 320	166,604	637,693	3,828	3,357
21	40	98 002	21 461,321	284 508,273	13,257	12,787	71	90	22 080	130,019	471,089	3,623	3,153
22	41	97 880	19 939,139	263 046,952	13,192	12,722	72	91	18 197	99,678	341,070	3,422	2,951
23	42	97 749	18 523,322	243 107,813	13,124	12,654	73	92	14 558	74,181	241,392	3,254	2,784
24	43	97 611	17 206,660	224 584,491	13,052	12,582	74	93	11 451	54,278	167,212	3,081	2,610
25	44	97 457	15 980,859	207 377,831	12,977	12,506	75	94	8 770	38,671	112,934	2,920	2,450
26	45	97 294	14 841,060	191 396,973	12,896	12,426	76	95	6 535	26,805	74,263	2,771	2,300
27	46	97 114	13 780,104	176 555,912	12,812	12,342	77	96	4 728	18,041	47,459	2,631	2,160
28	47	96 916	12 792,536	162 775,809	12,724	12,254	78	97	3 314	11,763	29,418	2,501	2,031
29	48	96 699	11 873,436	149 983,273	12,632	12,162	79	98	2 245	7,413	17,655	2,382	1,911
30	49	96 464	11 018,274	138 109,837	12,535	12,064	80	99	1 468	4,509	10,242	2,271	1,801
31	50	96 204	10 221,922	127 091,563	12,433	11,963	81	100	925	2,644	5,733	2,168	1,698
32	51	95 924	9 481,045	116 869,640	12,327	11,856							
33	52	95 619	8 791,530	107 388,595	12,215	11,745							
34	53	95 284	8 149,490	98 597,066	12,099	11,628							
35	54	94 922	7 552,133	90 447,576	11,976	11,506							
36	55	94 539	6 996,939	82 895,443	11,847	11,377							
37	56	94 121	6 480,006	75 898,504	11,713	11,242							
38	57	93 677	5 999,476	69 418,498	11,571	11,100							
39	58	93 200	5 552,493	63 419,023	11,422	10,951							
40	59	92 683	5 136,416	57 866,530	11,266	10,796							
41	60	92 127	4 749,399	52 730,113	11,102	10,632							
42	61	91 505	4 388,217	47 980,714	10,934	10,464							
43	62	90 840	4 052,397	43 592,497	10,757	10,287							
44	63	90 106	3 739,214	39 540,100	10,574	10,104							
45	64	89 321	3 448,029	35 800,886	10,383	9,913							
46	65	88 468	3 176,843	32 352,857	10,184	9,714							
47	66	87 560	2 924,871	29 176,013	9,975	9,505							
48	67	86 560	2 689,749	26 251,143	9,760	9,289							
49	68	85 495	2 471,290	23 561,394	9,534	9,064							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß   7,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	20	99 449	99 449,245	1 389 298,845	13,970	13,500	50	70	83 465	2 244,299	20 404,577	9,092	8,621
1	21	99 043	92 132,654	1 289 849,600	14,000	13,530	51	71	82 166	2 055,237	18 160,279	8,836	8,366
2	22	98 989	85 658,819	1 197 716,946	13,982	13,512	52	72	80 724	1 878,300	16 105,042	8,574	8,104
3	23	98 949	79 649,711	1 112 058,128	13,962	13,492	53	73	79 157	1 713,340	14 226,742	8,304	7,833
4	24	98 912	74 065,517	1 032 408,417	13,939	13,469	54	74	77 440	1 559,233	12 513,402	8,025	7,555
5	25	98 879	68 875,081	958 342,900	13,914	13,444	55	75	75 529	1 414,644	10 954,169	7,743	7,273
6	26	98 847	64 048,828	889 467,819	13,887	13,417	56	76	73 408	1 278,998	9 539,525	7,459	6,988
7	27	98 813	59 559,911	825 418,991	13,859	13,388	57	77	71 088	1 152,165	8 260,527	7,170	6,699
8	28	98 778	55 385,120	765 859,079	13,828	13,358	58	78	68 561	1 033,684	7 108,362	6,877	6,406
9	29	98 745	51 503,724	710 473,959	13,795	13,324	59	79	65 779	922,546	6 074,678	6,585	6,114
10	30	98 709	47 892,933	658 970,235	13,759	13,289	60	80	62 786	819,133	5 152,132	6,290	5,819
11	31	98 672	44 534,975	611 077,302	13,721	13,251	61	81	59 538	722,571	4 333,000	5,997	5,526
12	32	98 634	41 411,818	566 542,327	13,681	13,210	62	82	56 072	633,023	3 610,429	5,703	5,233
13	33	98 588	38 504,680	525 130,510	13,638	13,168	63	83	52 345	549,717	2 977,405	5,416	4,946
14	34	98 541	35 801,240	486 625,829	13,592	13,122	64	84	48 442	473,236	2 427,688	5,130	4,660
15	35	98 484	33 284,336	450 824,589	13,545	13,074	65	85	44 305	402,628	1 954,453	4,854	4,384
16	36	98 428	30 944,348	417 540,252	13,493	13,023	66	86	40 027	338,370	1 551,825	4,586	4,116
17	37	98 355	28 764,289	386 595,904	13,440	12,970	67	87	35 656	280,389	1 213,455	4,328	3,857
18	38	98 269	26 734,138	357 831,616	13,385	12,915	68	88	31 226	228,423	933,066	4,085	3,615
19	39	98 167	24 843,153	331 097,478	13,328	12,857	69	89	26 883	182,931	704,644	3,852	3,382
20	40	98 055	23 083,336	306 254,324	13,267	12,797	70	90	22 595	143,027	521,713	3,648	3,177
21	41	97 933	21 446,164	283 170,989	13,204	12,734	71	91	18 663	109,893	378,686	3,446	2,976
22	42	97 801	19 923,158	261 724,824	13,137	12,666	72	92	14 964	81,966	268,793	3,279	2,809
23	43	97 662	18 506,835	241 801,667	13,066	12,595	73	93	11 803	60,144	186,827	3,106	2,636
24	44	97 511	17 189,041	223 294,832	12,991	12,520	74	94	9 078	43,028	126,683	2,944	2,474
25	45	97 347	15 962,910	206 105,791	12,912	12,441	75	95	6 789	29,936	83,655	2,794	2,324
26	46	97 170	14 822,224	190 142,881	12,828	12,358	76	96	4 934	20,236	53,719	2,655	2,184
27	47	96 977	13 760,686	175 320,657	12,741	12,270	77	97	3 477	13,265	33,483	2,524	2,054
28	48	96 757	12 771,618	161 559,972	12,650	12,180	78	98	2 370	8,413	20,217	2,403	1,933
29	49	96 528	11 852,439	148 788,353	12,553	12,083	79	99	1 560	5,151	11,804	2,292	1,822
30	50	96 266	10 995,602	136 935,914	12,454	11,983	80	100	990	3,040	6,654	2,189	1,719
31	51	95 992	10 199,403	125 940,312	12,348	11,878							
32	52	95 689	9 457,847	115 740,909	12,238	11,767							
33	53	95 356	8 767,394	106 283,062	12,123	11,652							
34	54	94 997	8 124,988	97 515,668	12,002	11,532							
35	55	94 619	7 528,033	89 390,680	11,874	11,404							
36	56	94 204	6 972,147	81 862,647	11,741	11,271							
37	57	93 766	6 455,562	74 890,500	11,601	11,131							
38	58	93 303	5 975,498	68 434,938	11,453	10,982							
39	59	92 789	5 527,994	62 459,440	11,299	10,828							
40	60	92 245	5 112,162	56 931,446	11,136	10,666							
41	61	91 630	4 723,803	51 819,284	10,970	10,500							
42	62	90 979	4 362,999	47 095,481	10,794	10,324							
43	63	90 267	4 026,836	42 732,481	10,612	10,142							
44	64	89 499	3 714,020	38 705,646	10,421	9,951							
45	65	88 664	3 422,688	34 991,626	10,223	9,753							
46	66	87 777	3 152,033	31 568,938	10,015	9,545							
47	67	86 811	2 899,851	28 416,905	9,799	9,329							
48	68	85 770	2 665,185	25 517,055	9,574	9,104							
49	69	84 664	2 447,292	22 851,870	9,338	8,867							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß   7,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	21	99 427	99 427,169	1 387 535,970	13,955	13,485	50	71	82 496	2 218,254	19 683,605	8,873	8,403
1	22	99 022	92 113,371	1 288 108,801	13,984	13,514	51	72	81 108	2 028,771	17 465,351	8,609	8,139
2	23	98 967	85 639,603	1 195 995,430	13,965	13,495	52	73	79 556	1 851,107	15 436,580	8,339	7,869
3	24	98 926	79 631,504	1 110 355,827	13,944	13,473	53	74	77 870	1 685,479	13 585,474	8,060	7,590
4	25	98 892	74 050,546	1 030 724,323	13,919	13,449	54	75	76 000	1 530,219	11 899,995	7,777	7,306
5	26	98 857	68 859,930	956 673,777	13,893	13,423	55	76	73 908	1 384,289	10 369,776	7,491	7,021
6	27	98 823	64 033,670	887 813,847	13,865	13,395	56	77	71 610	1 247,672	8 985,487	7,202	6,732
7	28	98 786	59 543,911	823 780,177	13,835	13,365	57	78	69 117	1 120,223	7 737,815	6,907	6,437
8	29	98 753	55 371,115	764 236,267	13,802	13,332	58	79	66 363	1 000,535	6 617,592	6,614	6,144
9	30	98 717	51 488,946	708 865,151	13,767	13,297	59	80	63 391	889,052	5 617,057	6,318	5,848
10	31	98 681	47 879,377	657 376,205	13,730	13,260	60	81	60 164	784,921	4 728,005	6,024	5,553
11	32	98 642	44 521,525	609 496,828	13,690	13,220	61	82	56 705	688,184	3 943,084	5,730	5,259
12	33	98 599	41 397,138	564 975,303	13,648	13,177	62	83	52 980	598,116	3 254,900	5,442	4,972
13	34	98 552	38 490,602	523 578,165	13,603	13,132	63	84	49 062	515,243	2 656,784	5,156	4,686
14	35	98 499	35 786,033	485 087,563	13,555	13,085	64	85	44 939	439,013	2 141,541	4,878	4,408
15	36	98 445	33 271,097	449 301,530	13,504	13,034	65	86	40 639	369,309	1 702,528	4,610	4,140
16	37	98 381	30 929,643	416 030,433	13,451	12,981	66	87	36 255	306,487	1 333,219	4,350	3,880
17	38	98 303	28 748,938	385 100,790	13,395	12,925	67	88	31 794	250,025	1 026,732	4,107	3,636
18	39	98 215	26 719,255	356 351,852	13,337	12,867	68	89	27 407	200,490	776,707	3,874	3,404
19	40	98 103	24 826,718	329 632,598	13,277	12,807	69	90	23 078	157,043	576,217	3,669	3,199
20	41	97 985	23 067,034	304 805,879	13,214	12,744	70	91	19 097	120,887	419,174	3,467	2,997
21	42	97 854	21 428,975	281 738,846	13,148	12,677	71	92	15 346	90,366	298,287	3,301	2,831
22	43	97 714	19 905,425	260 309,871	13,077	12,607	72	93	12 132	66,456	207,921	3,129	2,658
23	44	97 562	18 487,885	240 404,446	13,003	12,533	73	94	9 357	47,679	141,465	2,967	2,497
24	45	97 402	17 169,735	221 916,561	12,925	12,455	74	95	7 027	33,309	93,786	2,816	2,345
25	46	97 224	15 942,649	204 746,826	12,843	12,372	75	96	5 126	22,600	60,477	2,676	2,206
26	47	97 033	14 801,337	188 804,177	12,756	12,286	76	97	3 628	14,880	37,877	2,546	2,075
27	48	96 818	13 738,186	174 002,839	12,666	12,195	77	98	2 487	9,488	22,997	2,424	1,954
28	49	96 586	12 749,033	160 264,654	12,571	12,100	78	99	1 647	5,846	13,510	2,311	1,841
29	50	96 329	11 828,051	147 515,621	12,472	12,001	79	100	1 052	3,472	7,664	2,207	1,737
30	51	96 054	10 971,379	135 687,570	12,367	11,897							
31	52	95 758	10 174,447	124 716,191	12,258	11,788							
32	53	95 427	9 431,882	114 541,744	12,144	11,674							
33	54	95 070	8 741,034	105 109,862	12,025	11,555							
34	55	94 694	8 099,059	96 368,828	11,899	11,428							
35	56	94 284	7 501,360	88 269,769	11,767	11,297							
36	57	93 849	6 945,847	80 768,409	11,628	11,158							
37	58	93 392	6 429,762	73 822,562	11,481	11,011							
38	59	92 891	5 949,133	67 392,800	11,328	10,858							
39	60	92 351	5 501,891	61 443,668	11,168	10,697							
40	61	91 748	5 084,611	55 941,777	11,002	10,532							
41	62	91 104	4 696,657	50 857,166	10,828	10,358							
42	63	90 405	4 335,479	46 160,510	10,647	10,177							
43	64	89 659	3 999,704	41 825,031	10,457	9,987							
44	65	88 841	3 686,724	37 825,327	10,260	9,790							
45	66	87 972	3 395,957	34 138,603	10,053	9,582							
46	67	87 026	3 125,069	30 742,646	9,837	9,367							
47	68	86 018	2 873,368	27 617,577	9,612	9,141							
48	69	84 937	2 639,304	24 744,208	9,375	8,905							
49	70	83 765	2 421,299	22 104,904	9,129	8,659							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß   7,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	22	99 406	99 406,360	1 385 653,605	13,939	13,469	50	72	81 434	2 189,689	18 926,702	8,644	8,173
1	23	99 000	92 092,707	1 286 247,245	13,967	13,497	51	73	79 934	1 999,399	16 737,013	8,371	7,901
2	24	98 945	85 620,028	1 194 154,538	13,947	13,477	52	74	78 262	1 821,006	14 737,614	8,093	7,623
3	25	98 906	79 615,408	1 108 534,510	13,924	13,453	53	75	76 421	1 654,116	12 916,608	7,809	7,338
4	26	98 870	74 034,256	1 028 919,103	13,898	13,428	54	76	74 369	1 497,384	11 262,492	7,521	7,051
5	27	98 834	68 843,633	954 884,847	13,870	13,400	55	77	72 098	1 350,384	9 765,108	7,231	6,761
6	28	98 797	64 016,468	886 041,213	13,841	13,371	56	78	69 625	1 213,082	8 414,724	6,937	6,466
7	29	98 761	59 528,854	822 024,746	13,809	13,339	57	79	66 901	1 084,299	7 201,643	6,642	6,171
8	30	98 725	55 355,228	762 495,892	13,775	13,304	58	80	63 953	964,210	6 117,344	6,344	5,874
9	31	98 689	51 474,373	707 140,664	13,738	13,267	59	81	60 743	851,920	5 153,134	6,049	5,579
10	32	98 651	47 864,917	655 666,291	13,698	13,228	60	82	57 300	747,566	4 301,214	5,754	5,283
11	33	98 607	44 505,743	607 801,374	13,657	13,186	61	83	53 578	650,234	3 553,647	5,465	4,995
12	34	98 563	41 382,002	563 295,631	13,612	13,142	62	84	49 657	560,607	2 903,413	5,179	4,709
13	35	98 510	38 474,252	521 913,629	13,565	13,095	63	85	45 514	477,983	2 342,806	4,901	4,431
14	36	98 460	35 771,799	483 439,378	13,515	13,044	64	86	41 220	402,683	1 864,823	4,631	4,161
15	37	98 398	33 255,286	447 667,579	13,462	12,991	65	87	36 810	334,511	1 462,140	4,371	3,901
16	38	98 328	30 913,136	414 412,292	13,406	12,935	66	88	32 329	273,297	1 127,629	4,126	3,656
17	39	98 248	28 732,933	383 499,156	13,347	12,877	67	89	27 906	219,450	854,331	3,893	3,423
18	40	98 150	26 701,578	354 766,223	13,286	12,816	68	90	23 529	172,117	634,881	3,689	3,218
19	41	98 033	24 809,185	328 064,645	13,224	12,753	69	91	19 506	132,733	462,764	3,486	3,016
20	42	97 907	23 048,546	303 255,460	13,157	12,687	70	92	15 704	99,407	330,031	3,320	2,850
21	43	97 767	21 409,901	280 206,914	13,088	12,617	71	93	12 442	73,267	230,624	3,148	2,677
22	44	97 614	19 885,043	258 797,013	13,015	12,544	72	94	9 618	52,683	157,357	2,987	2,517
23	45	97 453	18 467,120	238 911,970	12,937	12,467	73	95	7 244	36,909	104,674	2,836	2,366
24	46	97 278	17 147,943	220 444,850	12,855	12,385	74	96	5 305	25,147	67,765	2,695	2,225
25	47	97 087	15 920,184	203 296,907	12,770	12,299	75	97	3 769	16,618	42,619	2,565	2,094
26	48	96 875	14 777,135	187 376,723	12,680	12,210	76	98	2 595	10,642	26,001	2,443	1,973
27	49	96 647	13 713,891	172 599,588	12,586	12,115	77	99	1 728	6,592	15,359	2,330	1,860
28	50	96 387	12 722,800	158 885,697	12,488	12,018	78	100	1 110	3,941	8,766	2,225	1,754
29	51	96 117	11 801,993	146 162,897	12,385	11,914							
30	52	95 819	10 944,534	134 360,904	12,277	11,806							
31	53	95 495	10 146,515	123 416,370	12,163	11,693							
32	54	95 140	9 403,524	113 269,855	12,045	11,575							
33	55	94 766	8 713,140	103 866,330	11,921	11,450							
34	56	94 358	8 070,363	95 153,191	11,790	11,320							
35	57	93 928	7 473,063	87 082,828	11,653	11,183							
36	58	93 474	6 918,088	79 609,765	11,507	11,037							
37	59	92 980	6 401,392	72 691,677	11,356	10,885							
38	60	92 453	5 921,041	66 290,286	11,196	10,725							
39	61	91 853	5 472,239	60 369,245	11,032	10,562							
40	62	91 221	5 055,391	54 897,006	10,859	10,389							
41	63	90 529	4 667,032	49 841,615	10,680	10,209							
42	64	89 796	4 306,267	45 174,583	10,490	10,020							
43	65	89 000	3 970,308	40 868,316	10,293	9,823							
44	66	88 147	3 657,931	36 898,008	10,087	9,617							
45	67	87 219	3 366,907	33 240,077	9,873	9,402							
46	68	86 231	3 096,530	29 873,170	9,647	9,177							
47	69	85 183	2 845,466	26 776,639	9,410	8,940							
48	70	84 035	2 611,271	23 931,173	9,165	8,694							
49	71	82 793	2 393,200	21 319,902	8,909	8,438							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß   7,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	23	99 384	99 384,060	1 383 641,422	13,922	13,452	50	73	80 255	2 157,988	18 133,972	8,403	7,933
1	24	98 977	92 071,657	1 284 257,362	13,948	13,478	51	74	78 634	1 966,886	15 975,985	8,122	7,652
2	25	98 925	85 602,721	1 192 185,705	13,927	13,457	52	75	76 806	1 787,121	14 009,098	7,839	7,369
3	26	98 884	79 597,894	1 106 582,985	13,902	13,432	53	76	74 781	1 618,622	12 221,977	7,551	7,081
4	27	98 847	74 016,735	1 026 985,091	13,875	13,405	54	77	72 547	1 460,709	10 603,355	7,259	6,789
5	28	98 807	68 825,138	952 968,356	13,846	13,376	55	78	70 099	1 312,946	9 142,646	6,963	6,493
6	29	98 772	64 000,280	884 143,218	13,815	13,344	56	79	67 392	1 174,180	7 829,700	6,668	6,198
7	30	98 733	59 511,774	820 142,938	13,781	13,311	57	80	64 472	1 044,933	6 655,520	6,369	5,899
8	31	98 697	55 339,561	760 631,165	13,745	13,275	58	81	61 282	923,939	5 610,587	6,072	5,602
9	32	98 659	51 458,827	705 291,604	13,706	13,236	59	82	57 852	811,377	4 686,648	5,776	5,306
10	33	98 616	47 847,950	653 832,777	13,665	13,195	60	83	54 141	706,342	3 875,271	5,486	5,016
11	34	98 571	44 489,470	605 984,827	13,621	13,151	61	84	50 218	609,457	3 168,929	5,200	4,729
12	35	98 521	41 364,424	561 495,357	13,574	13,104	62	85	46 066	520,066	2 559,472	4,921	4,451
13	36	98 471	38 458,949	520 130,933	13,524	13,054	63	86	41 748	438,428	2 039,405	4,652	4,181
14	37	98 413	35 754,799	481 671,985	13,472	13,001	64	87	37 336	364,741	1 600,978	4,389	3,919
15	38	98 346	33 237,539	445 917,185	13,416	12,946	65	88	32 823	298,287	1 236,237	4,144	3,674
16	39	98 274	30 895,926	412 679,647	13,357	12,887	66	89	28 376	239,877	937,950	3,910	3,440
17	40	98 183	28 713,925	381 783,720	13,296	12,826	67	90	23 957	188,394	698,073	3,705	3,235
18	41	98 080	26 682,721	353 069,795	13,232	12,762	68	91	19 887	145,474	509,679	3,504	3,033
19	42	97 955	24 789,301	326 387,074	13,166	12,696	69	92	16 040	109,148	364,205	3,337	2,867
20	43	97 820	23 028,030	301 597,774	13,097	12,627	70	93	12 732	80,597	255,057	3,165	2,694
21	44	97 667	21 387,979	278 569,743	13,025	12,554	71	94	9 864	58,082	174,460	3,004	2,533
22	45	97 505	19 862,709	257 181,764	12,948	12,478	72	95	7 445	40,783	116,378	2,854	2,383
23	46	97 329	18 443,681	237 319,056	12,867	12,397	73	96	5 468	27,864	75,595	2,713	2,243
24	47	97 141	17 123,780	218 875,375	12,782	12,312	74	97	3 901	18,490	47,731	2,581	2,111
25	48	96 928	15 894,153	201 751,595	12,693	12,223	75	98	2 696	11,885	29,241	2,460	1,990
26	49	96 703	14 751,003	185 857,442	12,600	12,129	76	99	1 803	7,394	17,355	2,347	1,877
27	50	96 448	13 685,672	171 106,439	12,503	12,032	77	100	1 165	4,444	9,961	2,242	1,771
28	51	96 175	12 694,771	157 420,767	12,400	11,930							
29	52	95 882	11 773,116	144 725,996	12,293	11,823							
30	53	95 556	10 914,488	132 952,879	12,181	11,711							
31	54	95 208	10 116,009	122 038,392	12,064	11,594							
32	55	94 836	9 373,516	111 922,383	11,940	11,470							
33	56	94 431	8 682,268	102 548,867	11,811	11,341							
34	57	94 003	8 039,920	93 866,600	11,675	11,205							
35	58	93 553	7 443,196	85 826,680	11,531	11,061							
36	59	93 062	6 887,563	78 383,484	11,380	10,910							
37	60	92 541	6 371,164	71 495,921	11,222	10,752							
38	61	91 954	5 889,130	65 124,757	11,058	10,588							
39	62	91 326	5 440,792	59 235,627	10,887	10,417							
40	63	90 645	5 023,504	53 794,835	10,709	10,238							
41	64	89 919	4 635,586	48 771,332	10,521	10,051							
42	65	89 136	4 274,619	44 135,746	10,325	9,855							
43	66	88 305	3 939,301	39 861,127	10,119	9,649							
44	67	87 393	3 626,640	35 921,826	9,905	9,435							
45	68	86 423	3 336,160	32 295,186	9,680	9,210							
46	69	85 394	3 066,461	28 959,026	9,444	8,974							
47	70	84 278	2 815,243	25 892,565	9,197	8,727							
48	71	83 059	2 580,968	23 077,322	8,941	8,471							
49	72	81 727	2 362,382	20 496,355	8,676	8,206							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß   7,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	24	99 361	99 361,342	1 381 491,294	13,904	13,433	50	74	78 950	2 122,896	17 306,209	8,152	7,682
1	25	98 957	92 053,046	1 282 129,952	13,928	13,458	51	75	77 171	1 930,287	15 183,313	7,866	7,396
2	26	98 903	85 583,890	1 190 076,906	13,905	13,435	52	76	75 158	1 748,773	13 253,026	7,578	7,108
3	27	98 861	79 579,056	1 104 493,017	13,879	13,409	53	77	72 950	1 578,978	11 504,253	7,286	6,816
4	28	98 821	73 996,850	1 024 913,961	13,851	13,380	54	78	70 536	1 420,213	9 925,275	6,989	6,518
5	29	98 782	68 807,734	950 917,111	13,820	13,350	55	79	67 851	1 270,842	8 505,062	6,692	6,222
6	30	98 743	63 981,917	882 109,376	13,787	13,317	56	80	64 945	1 131,551	7 234,220	6,393	5,923
7	31	98 705	59 494,930	818 127,460	13,751	13,281	57	81	61 779	1 001,290	6 102,669	6,095	5,625
8	32	98 667	55 322,847	758 632,530	13,713	13,243	58	82	58 366	879,969	5 101,379	5,797	5,327
9	33	98 624	51 440,586	703 309,683	13,672	13,202	59	83	54 662	766,634	4 221,410	5,506	5,036
10	34	98 580	47 830,455	651 869,097	13,629	13,158	60	84	50 745	662,046	3 454,776	5,218	4,748
11	35	98 529	44 470,572	604 038,642	13,583	13,113	61	85	46 586	565,384	2 792,730	4,940	4,469
12	36	98 482	41 347,971	559 568,070	13,533	13,063	62	86	42 254	477,028	2 227,346	4,669	4,199
13	37	98 424	38 440,672	518 220,099	13,481	13,011	63	87	37 814	397,118	1 750,318	4,408	3,937
14	38	98 361	35 735,718	479 779,427	13,426	12,955	64	88	33 293	325,243	1 353,200	4,161	3,690
15	39	98 291	33 219,035	444 043,709	13,367	12,897	65	89	28 810	261,810	1 027,957	3,926	3,456
16	40	98 209	30 875,487	410 824,674	13,306	12,836	66	90	24 360	205,930	766,147	3,720	3,250
17	41	98 114	28 693,646	379 949,187	13,242	12,771	67	91	20 249	159,232	560,217	3,518	3,048
18	42	98 002	26 661,335	351 255,541	13,175	12,704	68	92	16 353	119,625	400,985	3,352	2,882
19	43	97 867	24 767,236	324 594,206	13,106	12,636	69	93	13 005	88,495	281,360	3,179	2,709
20	44	97 719	23 004,451	299 826,970	13,033	12,563	70	94	10 094	63,893	192,865	3,019	2,548
21	45	97 557	21 363,957	276 822,519	12,957	12,487	71	95	7 636	44,962	128,973	2,868	2,398
22	46	97 381	19 837,498	255 458,562	12,878	12,407	72	96	5 621	30,789	84,010	2,729	2,258
23	47	97 192	18 417,692	235 621,063	12,793	12,323	73	97	4 021	20,488	53,222	2,598	2,127
24	48	96 982	17 095,780	217 203,372	12,705	12,235	74	98	2 790	13,225	32,733	2,475	2,005
25	49	96 757	15 866,045	200 107,591	12,612	12,142	75	99	1 873	8,258	19,509	2,362	1,892
26	50	96 504	14 720,651	184 241,546	12,516	12,046	76	100	1 215	4,984	11,250	2,257	1,787
27	51	96 236	13 655,523	169 520,896	12,414	11,944							
28	52	95 940	12 663,710	155 865,373	12,308	11,838							
29	53	95 619	11 740,795	143 201,663	12,197	11,727							
30	54	95 269	10 881,673	131 460,868	12,081	11,611							
31	55	94 904	10 083,727	120 579,196	11,958	11,488							
32	56	94 500	9 340,304	110 495,469	11,830	11,360							
33	57	94 074	8 649,516	101 155,165	11,695	11,225							
34	58	93 627	8 007,788	92 505,649	11,552	11,082							
35	59	93 140	7 410,355	84 497,861	11,403	10,932							
36	60	92 622	6 855,040	77 087,507	11,245	10,775							
37	61	92 042	6 336,828	70 232,467	11,083	10,613							
38	62	91 426	5 855,287	63 895,639	10,912	10,442							
39	63	90 749	5 406,473	58 040,353	10,735	10,265							
40	64	90 035	4 989,656	52 633,880	10,549	10,078							
41	65	89 258	4 601,517	47 644,224	10,354	9,884							
42	66	88 440	4 241,235	43 042,707	10,149	9,678							
43	67	87 549	3 905,603	38 801,472	9,935	9,465							
44	68	86 595	3 593,521	34 895,869	9,711	9,240							
45	69	85 583	3 303,763	31 302,349	9,475	9,004							
46	70	84 487	3 033,891	27 998,585	9,229	8,758							
47	71	83 300	2 782,573	24 964,695	8,972	8,502							
48	72	81 990	2 547,732	22 182,122	8,707	8,236							
49	73	80 544	2 328,180	19 634,390	8,433	7,963							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß   7,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	25	99 341	99 341,258	1 379 193,353	13,883	13,413	50	75	77 481	2 083,394	16 444,558	7,893	7,423
1	26	98 935	92 032,796	1 279 852,095	13,906	13,436	51	76	75 515	1 888,867	14 361,163	7,603	7,133
2	27	98 879	85 563,635	1 187 819,299	13,882	13,412	52	77	73 317	1 705,941	12 472,296	7,311	6,841
3	28	98 834	79 557,677	1 102 255,664	13,855	13,385	53	78	70 927	1 535,202	10 766,355	7,013	6,543
4	29	98 796	73 978,138	1 022 697,987	13,824	13,354	54	79	68 274	1 374,669	9 231,153	6,715	6,245
5	30	98 754	68 787,992	948 719,849	13,792	13,322	55	80	65 388	1 224,703	7 856,484	6,415	5,945
6	31	98 715	63 963,808	879 931,856	13,757	13,286	56	81	62 233	1 084,291	6 631,781	6,116	5,646
7	32	98 675	59 476,961	815 968,049	13,719	13,249	57	82	58 839	953,639	5 547,490	5,817	5,347
8	33	98 632	55 303,236	756 491,088	13,679	13,209	58	83	55 147	831,443	4 593,851	5,525	5,055
9	34	98 588	51 421,777	701 187,851	13,636	13,166	59	84	51 234	718,557	3 762,408	5,236	4,766
10	35	98 538	47 810,138	649 766,074	13,591	13,120	60	85	47 076	614,170	3 043,851	4,956	4,486
11	36	98 490	44 452,884	601 955,936	13,541	13,071	61	86	42 731	518,596	2 429,681	4,685	4,215
12	37	98 435	41 328,322	557 503,053	13,490	13,019	62	87	38 273	432,082	1 911,085	4,423	3,953
13	38	98 371	38 420,157	516 174,731	13,435	12,965	63	88	33 719	354,113	1 479,003	4,177	3,706
14	39	98 306	35 715,823	477 754,574	13,377	12,906	64	89	29 221	285,470	1 124,890	3,940	3,470
15	40	98 226	33 197,059	442 038,750	13,316	12,845	65	90	24 733	224,759	839,420	3,735	3,264
16	41	98 139	30 853,682	408 841,692	13,251	12,781	66	91	20 589	174,053	614,661	3,531	3,061
17	42	98 035	28 670,648	377 988,010	13,184	12,714	67	92	16 651	130,938	440,608	3,365	2,895
18	43	97 915	26 637,604	349 317,361	13,114	12,643	68	93	13 259	96,989	309,670	3,193	2,723
19	44	97 767	24 741,876	322 679,757	13,042	12,572	69	94	10 309	70,154	212,681	3,032	2,561
20	45	97 610	22 978,614	297 937,881	12,966	12,496	70	95	7 814	49,461	142,527	2,882	2,411
21	46	97 433	21 336,841	274 959,268	12,887	12,416	71	96	5 765	33,944	93,066	2,742	2,271
22	47	97 244	19 809,545	253 622,427	12,803	12,333	72	97	4 133	22,639	59,122	2,612	2,141
23	48	97 033	18 387,577	233 812,882	12,716	12,246	73	98	2 876	14,654	36,483	2,490	2,019
24	49	96 811	17 065,548	215 425,305	12,623	12,153	74	99	1 939	9,189	21,829	2,376	1,905
25	50	96 557	15 833,398	198 359,757	12,528	12,058	75	100	1 263	5,567	12,641	2,271	1,800
26	51	96 292	14 688,221	182 526,359	12,427	11,956							
27	52	96 000	13 622,110	167 838,138	12,321	11,851							
28	53	95 676	12 628,943	154 216,028	12,211	11,741							
29	54	95 331	11 705,496	141 587,084	12,096	11,625							
30	55	94 965	10 846,947	129 881,589	11,974	11,504							
31	56	94 568	10 047,998	119 034,642	11,847	11,376							
32	57	94 144	9 305,070	108 986,644	11,713	11,242							
33	58	93 698	8 614,948	99 681,573	11,571	11,100							
34	59	93 214	7 972,455	91 066,626	11,423	10,952							
35	60	92 700	7 375,363	83 094,171	11,266	10,796							
36	61	92 123	6 818,095	75 718,808	11,106	10,635							
37	62	91 513	6 300,412	68 900,712	10,936	10,466							
38	63	90 849	5 818,354	62 600,301	10,759	10,289							
39	64	90 138	5 370,045	56 781,947	10,574	10,104							
40	65	89 373	4 952,985	51 411,902	10,380	9,910							
41	66	88 561	4 565,580	46 458,917	10,176	9,706							
42	67	87 683	4 204,954	41 893,337	9,963	9,493							
43	68	86 750	3 869,936	37 688,383	9,739	9,268							
44	69	85 754	3 558,625	33 818,448	9,503	9,033							
45	70	84 674	3 268,672	30 259,822	9,258	8,787							
46	71	83 506	2 998,683	26 991,150	9,001	8,531							
47	72	82 227	2 746,741	23 992,467	8,735	8,265							
48	73	80 803	2 510,847	21 245,726	8,462	7,991							
49	74	79 234	2 290,321	18 734,879	8,180	7,710							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß   7,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	49	93 528	2 514,886	28 849,156	11,471	11,001
1	0	99 613	92 663,459	1 308 652,664	14,123	13,652	51	50	92 962	2 325,275	26 334,270	11,325	10,855
2	1	99 267	85 898,693	1 215 989,205	14,156	13,686	52	51	92 318	2 148,070	24 008,995	11,177	10,707
3	2	99 222	79 869,591	1 130 090,512	14,149	13,679	53	52	91 632	1 983,337	21 860,925	11,022	10,552
4	3	99 193	74 275,898	1 050 220,921	14,139	13,669	54	53	90 876	1 829,744	19 877,587	10,864	10,393
5	4	99 169	69 076,964	975 945,024	14,128	13,658	55	54	90 041	1 686,461	18 047,843	10,702	10,231
6	5	99 146	64 243,041	906 868,060	14,116	13,646	56	55	89 147	1 553,214	16 361,383	10,534	10,064
7	6	99 126	59 748,615	842 625,019	14,103	13,633	57	56	88 183	1 429,236	14 808,169	10,361	9,891
8	7	99 109	55 570,687	782 876,404	14,088	13,618	58	57	87 144	1 313,851	13 378,933	10,183	9,713
9	8	99 092	51 684,920	727 305,717	14,072	13,602	59	58	86 032	1 206,597	12 065,082	9,999	9,529
10	9	99 077	48 071,679	675 620,797	14,054	13,584	60	59	84 835	1 106,799	10 858,485	9,811	9,340
11	10	99 062	44 710,760	627 549,118	14,036	13,565	61	60	83 557	1 014,070	9 751,686	9,616	9,146
12	11	99 046	41 584,884	582 838,357	14,016	13,545	62	61	82 179	927,762	8 737,615	9,418	8,948
13	12	99 027	38 676,215	541 253,473	13,994	13,524	63	62	80 727	847,788	7 809,854	9,212	8,742
14	13	99 008	35 970,989	502 577,258	13,972	13,501	64	63	79 204	773,757	6 962,066	8,998	8,527
15	14	98 984	33 453,366	466 606,269	13,948	13,478	65	64	77 561	704,847	6 188,309	8,780	8,309
16	15	98 956	31 110,498	433 152,903	13,923	13,453	66	65	75 832	641,051	5 483,463	8,554	8,084
17	16	98 918	28 928,843	402 042,405	13,898	13,427	67	66	73 995	581,883	4 842,411	8,322	7,852
18	17	98 869	26 897,295	373 113,563	13,872	13,402	68	67	72 050	527,060	4 260,528	8,084	7,613
19	18	98 806	25 004,680	346 216,268	13,846	13,376	69	68	70 025	476,509	3 733,468	7,835	7,365
20	19	98 735	23 243,490	321 211,588	13,819	13,349	70	69	67 893	429,767	3 256,959	7,578	7,108
21	20	98 661	21 605,758	297 968,098	13,791	13,321	71	70	65 643	386,531	2 827,192	7,314	6,844
22	21	98 586	20 083,059	276 362,340	13,761	13,291	72	71	63 263	346,532	2 440,662	7,043	6,573
23	22	98 513	18 668,080	256 279,282	13,728	13,258	73	72	60 756	309,578	2 094,130	6,764	6,294
24	23	98 440	17 352,684	237 611,201	13,693	13,223	74	73	58 089	275,339	1 784,551	6,481	6,011
25	24	98 362	16 129,311	220 258,518	13,656	13,186	75	74	55 209	243,431	1 509,213	6,200	5,729
26	25	98 288	14 992,736	204 129,207	13,615	13,145	76	75	52 153	213,914	1 265,782	5,917	5,447
27	26	98 209	13 935,562	189 136,470	13,572	13,102	77	76	48 910	186,616	1 051,868	5,637	5,166
28	27	98 124	12 952,042	175 200,909	13,527	13,057	78	77	45 482	161,428	865,253	5,360	4,890
29	28	98 039	12 037,936	162 248,867	13,478	13,008	79	78	41 885	138,291	703,825	5,089	4,619
30	29	97 949	11 187,886	150 210,931	13,426	12,956	80	79	38 156	117,189	565,534	4,826	4,356
31	30	97 859	10 397,693	139 023,044	13,371	12,900	81	80	34 379	98,221	448,345	4,565	4,094
32	31	97 761	9 662,633	128 625,352	13,312	12,841	82	81	30 543	81,174	350,124	4,313	3,843
33	32	97 660	8 979,176	118 962,719	13,249	12,778	83	82	26 753	66,140	268,951	4,066	3,596
34	33	97 551	8 343,387	109 983,543	13,182	12,712	84	83	23 055	53,023	202,811	3,825	3,355
35	34	97 438	7 752,299	101 640,156	13,111	12,641	85	84	19 488	41,691	149,788	3,593	3,123
36	35	97 314	7 202,322	93 887,858	13,036	12,565	86	85	16 114	32,069	108,097	3,371	2,900
37	36	97 190	6 691,271	86 685,535	12,955	12,485	87	86	12 994	24,055	76,028	3,161	2,690
38	37	97 052	6 215,576	79 994,265	12,870	12,400	88	87	10 178	17,527	51,973	2,965	2,495
39	38	96 893	5 772,494	73 778,688	12,781	12,311	89	88	7 730	12,382	34,447	2,782	2,312
40	39	96 728	5 360,611	68 006,195	12,686	12,216	90	89	5 649	8,419	22,064	2,621	2,151
41	40	96 540	4 976,923	62 645,583	12,587	12,117	91	90	3 996	5,540	13,646	2,463	1,993
42	41	96 340	4 620,091	57 668,660	12,482	12,012	92	91	2 703	3,485	8,106	2,326	1,855
43	42	96 115	4 287,746	53 048,569	12,372	11,902	93	92	1 742	2,089	4,620	2,212	1,741
44	43	95 859	3 977,945	48 760,823	12,258	11,788	94	93	1 081	1,206	2,531	2,099	1,629
45	44	95 570	3 689,271	44 782,878	12,139	11,668	95	94	640	0,664	1,325	1,996	1,526
46	45	95 251	3 420,432	41 093,608	12,014	11,544	96	95	360	0,348	0,661	1,903	1,433
47	46	94 895	3 169,899	37 673,175	11,885	11,414	97	96	192	0,173	0,314	1,818	1,348
48	47	94 488	2 936,088	34 503,277	11,751	11,281	98	97	97	0,081	0,141	1,741	1,270
49	48	94 031	2 718,033	31 567,189	11,614	11,144	99	98	46	0,036	0,060	1,671	1,200
							100	99	21	0,015	0,024	1,607	1,136

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 7,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	48	93 694	2 519,341	29 018,443	11,518	11,048
1							51	49	93 154	2 330,069	26 499,102	11,373	10,902
2	0	99 581	86 170,361	1 216 630,450	14,119	13,649	52	50	92 522	2 152,813	24 169,033	11,227	10,756
3	1	99 248	79 890,679	1 130 460,088	14,150	13,680	53	51	91 856	1 988,202	22 016,220	11,073	10,603
4	2	99 208	74 286,962	1 050 569,409	14,142	13,672	54	52	91 126	1 834,781	20 028,018	10,916	10,445
5	3	99 180	69 084,683	976 282,448	14,132	13,661	55	53	90 313	1 691,547	18 193,237	10,755	10,285
6	4	99 158	64 250,698	907 197,765	14,120	13,649	56	54	89 432	1 558,186	16 501,690	10,590	10,120
7	5	99 136	59 754,654	842 947,066	14,107	13,637	57	55	88 497	1 434,318	14 943,504	10,419	9,948
8	6	99 118	55 575,527	783 192,412	14,092	13,622	58	56	87 474	1 318,826	13 509,186	10,243	9,773
9	7	99 101	51 689,357	727 616,885	14,077	13,606	59	57	86 378	1 211,439	12 190,360	10,063	9,592
10	8	99 085	48 075,220	675 927,528	14,060	13,590	60	58	85 211	1 111,705	10 978,922	9,876	9,405
11	9	99 068	44 713,845	627 852,308	14,042	13,571	61	59	83 954	1 018,882	9 867,217	9,684	9,214
12	10	99 053	41 587,836	583 138,463	14,022	13,552	62	60	82 624	932,789	8 848,336	9,486	9,016
13	11	99 035	38 679,308	541 550,628	14,001	13,531	63	61	81 194	852,688	7 915,547	9,283	8,813
14	12	99 016	35 973,885	502 871,320	13,979	13,509	64	62	79 707	778,668	7 062,859	9,070	8,600
15	13	98 993	33 456,363	466 897,435	13,955	13,485	65	63	78 087	709,628	6 284,190	8,856	8,385
16	14	98 967	31 113,870	433 441,072	13,931	13,461	66	64	76 393	645,798	5 574,562	8,632	8,162
17	15	98 930	28 932,482	402 327,202	13,906	13,435	67	65	74 577	586,463	4 928,765	8,404	7,934
18	16	98 884	26 901,435	373 394,720	13,880	13,410	68	66	72 672	531,608	4 342,302	8,168	7,698
19	17	98 822	25 008,693	346 493,285	13,855	13,385	69	67	70 671	480,901	3 810,694	7,924	7,454
20	18	98 757	23 248,800	321 484,592	13,828	13,358	70	68	68 559	433,981	3 329,793	7,673	7,202
21	19	98 682	21 610,221	298 235,792	13,801	13,330	71	69	66 347	390,681	2 895,812	7,412	6,942
22	20	98 608	20 087,518	276 625,571	13,771	13,301	72	70	64 006	350,600	2 505,132	7,145	6,675
23	21	98 534	18 671,988	256 538,053	13,739	13,269	73	71	61 548	313,617	2 154,531	6,870	6,400
24	22	98 462	17 356,577	237 866,065	13,705	13,234	74	72	58 942	279,384	1 840,915	6,589	6,119
25	23	98 385	16 132,999	220 509,488	13,668	13,198	75	73	56 122	247,455	1 561,531	6,310	5,840
26	24	98 308	14 995,767	204 376,489	13,629	13,159	76	74	53 142	217,970	1 314,077	6,029	5,558
27	25	98 231	13 938,628	189 380,722	13,587	13,116	77	75	49 983	190,708	1 096,107	5,748	5,277
28	26	98 147	12 955,108	175 442,094	13,542	13,072	78	76	46 624	165,481	905,399	5,471	5,001
29	27	98 065	12 041,171	162 486,986	13,494	13,024	79	77	43 080	142,234	739,918	5,202	4,732
30	28	97 974	11 190,716	150 445,815	13,444	12,974	80	78	39 420	121,071	597,684	4,937	4,466
31	29	97 887	10 400,677	139 255,099	13,389	12,919	81	79	35 674	101,921	476,613	4,676	4,206
32	30	97 789	9 665,369	128 854,422	13,332	12,861	82	80	31 874	84,712	374,691	4,423	3,953
33	31	97 689	8 981,888	119 189,053	13,270	12,800	83	81	28 089	69,445	289,980	4,176	3,705
34	32	97 585	8 346,346	110 207,165	13,204	12,734	84	82	24 401	56,117	220,535	3,930	3,460
35	33	97 473	7 755,134	101 860,820	13,135	12,664	85	83	20 792	44,480	164,418	3,696	3,226
36	34	97 356	7 205,383	94 105,685	13,060	12,590	86	84	17 371	34,569	119,937	3,469	2,999
37	35	97 229	6 693,933	86 900,302	12,982	12,512	87	85	14 166	26,225	85,368	3,255	2,785
38	36	97 098	6 218,532	80 206,369	12,898	12,428	88	86	11 236	19,350	59,144	3,057	2,586
39	37	96 945	5 775,576	73 987,838	12,810	12,340	89	87	8 668	13,886	39,794	2,866	2,395
40	38	96 782	5 363,597	68 212,262	12,718	12,247	90	88	6 437	9,592	25,908	2,701	2,231
41	39	96 604	4 980,218	62 848,664	12,620	12,149	91	89	4 655	6,453	16,316	2,528	2,058
42	40	96 408	4 623,356	57 868,446	12,517	12,046	92	90	3 198	4,124	9,863	2,392	1,921
43	41	96 193	4 291,186	53 245,091	12,408	11,938	93	91	2 118	2,541	5,739	2,259	1,789
44	42	95 944	3 981,489	48 953,905	12,295	11,825	94	92	1 333	1,487	3,198	2,150	1,680
45	43	95 668	3 693,052	44 972,416	12,178	11,707	95	93	807	0,837	1,711	2,043	1,573
46	44	95 358	3 424,278	41 279,364	12,055	11,585	96	94	465	0,449	0,874	1,946	1,475
47	45	95 016	3 173,927	37 855,086	11,927	11,457	97	95	255	0,229	0,425	1,857	1,387
48	46	94 621	2 940,231	34 681,159	11,795	11,325	98	96	132	0,110	0,196	1,776	1,306
49	47	94 185	2 722,485	31 740,928	11,659	11,189	99	97	65	0,050	0,086	1,703	1,233
							100	98	30	0,022	0,035	1,636	1,166

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß   7,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3	0	99 562	80 143,346	1 131 050,648	14,113	13,643
4	1	99 234	74 306,576	1 050 907,302	14,143	13,673
5	2	99 195	69 094,974	976 600,725	14,134	13,664
6	3	99 169	64 257,878	907 505,752	14,123	13,653
7	4	99 148	59 761,777	843 247,873	14,110	13,640
8	5	99 128	55 581,145	783 486,097	14,096	13,626
9	6	99 109	51 693,859	727 904,952	14,081	13,611
10	7	99 093	48 079,346	676 211,093	14,064	13,594
11	8	99 076	44 717,138	628 131,747	14,047	13,576
12	9	99 060	41 590,705	583 414,609	14,028	13,557
13	10	99 042	38 682,054	541 823,904	14,007	13,537
14	11	99 024	35 976,762	503 141,850	13,985	13,515
15	12	99 001	33 459,056	467 165,089	13,962	13,492
16	13	98 976	31 116,657	433 706,032	13,938	13,468
17	14	98 941	28 935,618	402 589,375	13,913	13,443
18	15	98 897	26 904,819	373 653,757	13,888	13,418
19	16	98 837	25 012,542	346 748,938	13,863	13,393
20	17	98 773	23 252,532	321 736,396	13,837	13,366
21	18	98 704	21 615,158	298 483,865	13,809	13,339
22	19	98 628	20 091,668	276 868,706	13,780	13,310
23	20	98 556	18 676,134	256 777,039	13,749	13,279
24	21	98 482	17 360,211	238 100,905	13,715	13,245
25	22	98 407	16 136,619	220 740,694	13,679	13,209
26	23	98 330	14 999,196	204 604,075	13,641	13,171
27	24	98 251	13 941,446	189 604,879	13,600	13,130
28	25	98 169	12 957,958	175 663,434	13,556	13,086
29	26	98 088	12 044,021	162 705,475	13,509	13,039
30	27	98 001	11 193,723	150 661,454	13,459	12,989
31	28	97 912	10 403,307	139 467,730	13,406	12,936
32	29	97 817	9 668,143	129 064,423	13,349	12,879
33	30	97 717	8 984,431	119 396,280	13,289	12,819
34	31	97 615	8 348,867	110 411,849	13,225	12,754
35	32	97 508	7 757,884	102 062,982	13,156	12,686
36	33	97 391	7 208,018	94 305,098	13,083	12,613
37	34	97 270	6 696,778	87 097,079	13,006	12,536
38	35	97 136	6 221,006	80 400,302	12,924	12,454
39	36	96 991	5 778,322	74 179,296	12,838	12,367
40	37	96 834	5 366,461	68 400,974	12,746	12,276
41	38	96 658	4 982,992	63 034,512	12,650	12,180
42	39	96 472	4 626,416	58 051,520	12,548	12,078
43	40	96 260	4 294,218	53 425,104	12,441	11,971
44	41	96 021	3 984,682	49 130,886	12,330	11,860
45	42	95 753	3 696,342	45 146,203	12,214	11,743
46	43	95 456	3 427,788	41 449,861	12,092	11,622
47	44	95 122	3 177,496	38 022,073	11,966	11,496
48	45	94 741	2 943,967	34 844,577	11,836	11,366
49	46	94 318	2 726,326	31 900,610	11,701	11,231

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
50	47	93 847	2 523,468	29 174,283	11,561	11,091
51	48	93 319	2 334,197	26 650,816	11,418	10,947
52	49	92 713	2 157,252	24 316,619	11,272	10,802
53	50	92 059	1 992,592	22 159,367	11,121	10,651
54	51	91 349	1 839,281	20 166,775	10,964	10,494
55	52	90 561	1 696,203	18 327,494	10,805	10,335
56	53	89 702	1 562,885	16 631,290	10,641	10,171
57	54	88 780	1 438,910	15 068,405	10,472	10,002
58	55	87 785	1 323,515	13 629,495	10,298	9,828
59	56	86 705	1 216,026	12 305,980	10,120	9,650
60	57	85 553	1 116,165	11 089,955	9,936	9,465
61	58	84 326	1 023,397	9 973,789	9,746	9,275
62	59	83 016	937,214	8 950,392	9,550	9,080
63	60	81 634	857,308	8 013,178	9,347	8,877
64	61	80 167	783,169	7 155,870	9,137	8,667
65	62	78 583	714,132	6 372,700	8,924	8,453
66	63	76 911	650,178	5 658,568	8,703	8,233
67	64	75 130	590,805	5 008,390	8,477	8,007
68	65	73 244	535,792	4 417,585	8,245	7,775
69	66	71 280	485,050	3 881,792	8,003	7,533
70	67	69 191	437,981	3 396,742	7,755	7,285
71	68	66 998	394,512	2 958,762	7,500	7,030
72	69	64 693	354,364	2 564,250	7,236	6,766
73	70	62 271	317,299	2 209,886	6,965	6,494
74	71	59 711	283,028	1 892,587	6,687	6,217
75	72	56 946	251,090	1 609,559	6,410	5,940
76	73	54 021	221,573	1 358,469	6,131	5,661
77	74	50 930	194,324	1 136,896	5,851	5,380
78	75	47 646	169,110	942,573	5,574	5,103
79	76	44 161	145,805	773,463	5,305	4,834
80	77	40 544	124,524	627,658	5,040	4,570
81	78	36 856	105,298	503,134	4,778	4,308
82	79	33 075	87,903	397,836	4,526	4,056
83	80	29 314	72,472	309,933	4,277	3,806
84	81	25 620	58,921	237,461	4,030	3,560
85	82	22 005	47,076	178,540	3,793	3,322
86	83	18 533	36,882	131,464	3,564	3,094
87	84	15 270	28,269	94,582	3,346	2,875
88	85	12 250	21,096	66,313	3,143	2,673
89	86	9 570	15,330	45,217	2,949	2,479
90	87	7 218	10,757	29,886	2,778	2,308
91	88	5 304	7,352	19,130	2,602	2,132
92	89	3 725	4,803	11,778	2,452	1,982
93	90	2 506	3,006	6,974	2,320	1,850
94	91	1 621	1,809	3,968	2,194	1,724
95	92	995	1,033	2,159	2,091	1,621
96	93	587	0,566	1,127	1,989	1,519
97	94	329	0,295	0,560	1,897	1,426
98	95	175	0,146	0,265	1,813	1,342
99	96	88	0,068	0,119	1,736	1,266
100	97	42	0,030	0,050	1,666	1,196

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß   7,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$
0							50	46	93 980	2 527,028	29 317,420	11,602	11,131
1							51	47	93 472	2 338,020	26 790,392	11,459	10,988
2							52	48	92 877	2 161,074	24 452,372	11,315	10,845
3							53	49	92 249	1 996,700	22 291,298	11,164	10,694
4	0	99 548	74 541,583	1 051 451,111	14,106	13,635	54	50	91 551	1 843,342	20 294,598	11,010	10,539
5	1	99 221	69 113,217	976 909,529	14,135	13,665	55	51	90 784	1 700,364	18 451,255	10,851	10,381
6	2	99 184	64 267,450	907 796,312	14,125	13,655	56	52	89 949	1 567,188	16 750,892	10,689	10,218
7	3	99 159	59 768,455	843 528,861	14,113	13,643	57	53	89 048	1 443,249	15 183,704	10,521	10,050
8	4	99 140	55 587,770	783 760,406	14,100	13,629	58	54	88 066	1 327,752	13 740,455	10,349	9,878
9	5	99 119	51 699,084	728 172,636	14,085	13,615	59	55	87 013	1 220,350	12 412,703	10,171	9,701
10	6	99 102	48 083,534	676 473,552	14,069	13,598	60	56	85 877	1 120,392	11 192,353	9,990	9,519
11	7	99 084	44 720,976	628 390,019	14,051	13,581	61	57	84 664	1 027,504	10 071,962	9,802	9,332
12	8	99 067	41 593,768	583 669,042	14,033	13,562	62	58	83 384	941,368	9 044,458	9,608	9,137
13	9	99 049	38 684,722	542 075,274	14,013	13,542	63	59	82 021	861,375	8 103,090	9,407	8,937
14	10	99 031	35 979,315	503 390,552	13,991	13,521	64	60	80 602	787,413	7 241,714	9,197	8,727
15	11	99 009	33 461,732	467 411,237	13,969	13,498	65	61	79 037	718,260	6 454,302	8,986	8,516
16	12	98 984	31 119,162	433 949,505	13,945	13,474	66	62	77 400	654,306	5 736,042	8,767	8,296
17	13	98 950	28 938,211	402 830,342	13,920	13,450	67	63	75 639	594,813	5 081,736	8,543	8,073
18	14	98 908	26 907,735	373 892,132	13,895	13,425	68	64	73 786	539,759	4 486,923	8,313	7,843
19	15	98 849	25 015,688	346 984,396	13,871	13,400	69	65	71 842	488,868	3 947,164	8,074	7,604
20	16	98 788	23 256,110	321 968,708	13,844	13,374	70	66	69 788	441,760	3 458,296	7,828	7,358
21	17	98 720	21 618,627	298 712,598	13,817	13,347	71	67	67 615	398,148	3 016,537	7,576	7,106
22	18	98 651	20 096,258	277 093,971	13,788	13,318	72	68	65 328	357,839	2 618,389	7,317	6,847
23	19	98 576	18 679,992	256 997,713	13,758	13,288	73	69	62 940	320,705	2 260,550	7,049	6,578
24	20	98 504	17 364,065	238 317,721	13,725	13,254	74	70	60 412	286,351	1 939,845	6,774	6,304
25	21	98 427	16 139,997	220 953,656	13,690	13,220	75	71	57 689	254,365	1 653,493	6,500	6,030
26	22	98 353	15 002,561	204 813,659	13,652	13,182	76	72	54 814	224,828	1 399,128	6,223	5,753
27	23	98 273	13 944,633	189 811,097	13,612	13,141	77	73	51 772	197,536	1 174,300	5,945	5,474
28	24	98 189	12 960,578	175 866,464	13,569	13,099	78	74	48 550	172,316	976,764	5,668	5,198
29	25	98 110	12 046,671	162 905,886	13,523	13,053	79	75	45 130	149,002	804,448	5,399	4,929
30	26	98 024	11 196,373	150 859,214	13,474	13,004	80	76	41 562	127,650	655,446	5,135	4,664
31	27	97 938	10 406,103	139 662,841	13,421	12,951	81	77	37 907	108,300	527,796	4,873	4,403
32	28	97 842	9 670,588	129 256,738	13,366	12,896	82	78	34 171	90,816	419,495	4,619	4,149
33	29	97 745	8 987,010	119 586,150	13,307	12,836	83	79	30 418	75,202	328,680	4,371	3,900
34	30	97 642	8 351,231	110 599,140	13,243	12,773	84	80	26 737	61,489	253,478	4,122	3,652
35	31	97 537	7 760,228	102 247,910	13,176	12,706	85	81	23 105	49,429	191,988	3,884	3,414
36	32	97 426	7 210,574	94 487,682	13,104	12,634	86	82	19 614	39,035	142,560	3,652	3,182
37	33	97 306	6 699,227	87 277,107	13,028	12,558	87	83	16 292	30,160	103,525	3,432	2,962
38	34	97 178	6 223,650	80 577,880	12,947	12,477	88	84	13 205	22,740	73,365	3,226	2,756
39	35	97 030	5 780,621	74 354,230	12,863	12,392	89	85	10 433	16,714	50,625	3,029	2,559
40	36	96 880	5 369,013	68 573,609	12,772	12,302	90	86	7 969	11,875	33,911	2,856	2,385
41	37	96 709	4 985,653	63 204,596	12,677	12,207	91	87	5 948	8,245	22,036	2,673	2,202
42	38	96 525	4 628,993	58 218,943	12,577	12,107	92	88	4 244	5,473	13,791	2,520	2,050
43	39	96 324	4 297,061	53 589,950	12,471	12,001	93	89	2 919	3,502	8,318	2,375	1,905
44	40	96 089	3 987,498	49 292,889	12,362	11,892	94	90	1 918	2,140	4,816	2,251	1,780
45	41	95 830	3 699,307	45 305,391	12,247	11,777	95	91	1 210	1,256	2,676	2,131	1,660
46	42	95 541	3 430,842	41 606,083	12,127	11,657	96	92	723	0,699	1,420	2,033	1,563
47	43	95 220	3 180,753	38 175,242	12,002	11,532	97	93	415	0,373	0,722	1,937	1,467
48	44	94 848	2 947,278	34 994,489	11,873	11,403	98	94	226	0,189	0,349	1,849	1,379
49	45	94 437	2 729,791	32 047,211	11,740	11,270	99	95	117	0,091	0,160	1,769	1,299
							100	96	57	0,041	0,070	1,697	1,227

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß   7,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$
0							50	45	94 099	2 530,240	29 448,758	11,639	11,168
1							51	46	93 604	2 341,319	26 918,518	11,497	11,027
2							52	47	93 029	2 164,613	24 577,199	11,354	10,884
3							53	48	92 412	2 000,237	22 412,586	11,205	10,735
4							54	49	91 740	1 847,143	20 412,348	11,051	10,580
5	0	99 535	69 331,799	977 410,234	14,098	13,627	55	50	90 984	1 704,118	18 565,205	10,894	10,424
6	1	99 210	64 284,419	908 078,435	14,126	13,656	56	51	90 169	1 571,032	16 861,087	10,732	10,262
7	2	99 174	59 777,358	843 794,016	14,116	13,645	57	52	89 293	1 447,222	15 290,056	10,565	10,095
8	3	99 151	55 593,982	784 016,657	14,103	13,632	58	53	88 332	1 331,756	13 842,834	10,394	9,924
9	4	99 131	51 705,246	728 422,676	14,088	13,618	59	54	87 291	1 224,256	12 511,077	10,219	9,749
10	5	99 112	48 088,394	676 717,429	14,072	13,602	60	55	86 183	1 124,376	11 286,821	10,038	9,568
11	6	99 093	44 724,871	628 629,035	14,055	13,585	61	56	84 985	1 031,394	10 162,445	9,853	9,383
12	7	99 076	41 597,338	583 904,164	14,037	13,567	62	57	83 719	945,145	9 131,051	9,661	9,191
13	8	99 056	38 687,571	542 306,826	14,018	13,547	63	58	82 385	865,193	8 185,906	9,461	8,991
14	9	99 038	35 981,797	503 619,254	13,997	13,526	64	59	80 984	791,149	7 320,713	9,253	8,783
15	10	99 016	33 464,107	467 637,457	13,974	13,504	65	60	79 466	722,152	6 529,564	9,042	8,572
16	11	98 992	31 121,651	434 173,350	13,951	13,481	66	61	77 847	658,087	5 807,412	8,825	8,354
17	12	98 958	28 940,540	403 051,699	13,927	13,457	67	62	76 119	598,588	5 149,325	8,602	8,132
18	13	98 916	26 910,146	374 111,158	13,902	13,432	68	63	74 287	543,421	4 550,736	8,374	7,904
19	14	98 860	25 018,400	347 201,013	13,878	13,408	69	64	72 373	492,487	4 007,315	8,137	7,667
20	15	98 801	23 259,036	322 182,613	13,852	13,382	70	65	70 337	445,237	3 514,828	7,894	7,424
21	16	98 735	21 621,954	298 923,577	13,825	13,355	71	66	68 199	401,583	3 069,591	7,644	7,173
22	17	98 667	20 099,483	277 301,622	13,796	13,326	72	67	65 930	361,137	2 668,009	7,388	6,918
23	18	98 599	18 684,260	257 202,139	13,766	13,295	73	68	63 557	323,850	2 306,871	7,123	6,653
24	19	98 525	17 367,652	238 517,879	13,733	13,263	74	69	61 061	289,425	1 983,021	6,852	6,381
25	20	98 449	16 143,580	221 150,227	13,699	13,229	75	70	58 366	257,352	1 693,596	6,581	6,111
26	21	98 373	15 005,702	205 006,646	13,662	13,192	76	71	55 529	227,760	1 436,244	6,306	5,836
27	22	98 295	13 947,762	190 000,944	13,622	13,152	77	72	52 533	200,438	1 208,484	6,029	5,559
28	23	98 211	12 963,541	176 053,182	13,581	13,110	78	73	49 352	175,165	1 008,046	5,755	5,285
29	24	98 130	12 049,107	163 089,641	13,535	13,065	79	74	45 985	151,827	832,881	5,486	5,015
30	25	98 045	11 198,837	151 040,534	13,487	13,017	80	75	42 474	130,449	681,054	5,221	4,751
31	26	97 961	10 408,566	139 841,697	13,435	12,965	81	76	38 858	111,020	550,604	4,960	4,489
32	27	97 868	9 673,187	129 433,131	13,381	12,910	82	77	35 145	93,405	439,585	4,706	4,236
33	28	97 770	8 989,283	119 759,944	13,323	12,852	83	78	31 426	77,693	346,180	4,456	3,985
34	29	97 670	8 353,628	110 770,661	13,260	12,790	84	79	27 744	63,806	268,486	4,208	3,738
35	30	97 565	7 762,425	102 417,034	13,194	12,724	85	80	24 112	51,583	204,680	3,968	3,498
36	31	97 455	7 212,753	94 654,609	13,123	12,653	86	81	20 595	40,985	153,097	3,735	3,265
37	32	97 340	6 701,603	87 441,856	13,048	12,578	87	82	17 243	31,921	112,112	3,512	3,042
38	33	97 213	6 225,926	80 740,253	12,968	12,498	88	83	14 089	24,262	80,192	3,305	2,835
39	34	97 071	5 783,078	74 514,327	12,885	12,415	89	84	11 247	18,016	55,930	3,104	2,634
40	35	96 918	5 371,149	68 731,249	12,796	12,326	90	85	8 688	12,947	37,913	2,928	2,458
41	36	96 755	4 988,023	63 360,100	12,702	12,232	91	86	6 567	9,103	24,967	2,743	2,272
42	37	96 577	4 631,465	58 372,077	12,603	12,133	92	87	4 759	6,137	15,864	2,585	2,115
43	38	96 378	4 299,455	53 740,612	12,499	12,029	93	88	3 326	3,989	9,727	2,438	1,968
44	39	96 152	3 990,138	49 441,157	12,391	11,921	94	89	2 234	2,493	5,737	2,301	1,831
45	40	95 898	3 701,922	45 451,019	12,278	11,807	95	90	1 432	1,486	3,244	2,183	1,713
46	41	95 618	3 433,594	41 749,097	12,159	11,689	96	91	880	0,849	1,758	2,070	1,599
47	42	95 305	3 183,586	38 315,504	12,035	11,565	97	92	512	0,460	0,909	1,977	1,507
48	43	94 945	2 950,299	35 131,917	11,908	11,438	98	93	285	0,238	0,449	1,886	1,416
49	44	94 544	2 732,860	32 181,619	11,776	11,306	99	94	151	0,117	0,211	1,803	1,333
							100	95	75	0,054	0,094	1,728	1,258

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß   7,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	44	94 205	2 533,085	29 569,113	11,673	11,203
1							51	45	93 723	2 344,295	27 036,028	11,533	11,062
2							52	46	93 161	2 167,667	24 691,733	11,391	10,921
3							53	47	92 564	2 003,513	22 524,066	11,242	10,772
4							54	48	91 902	1 850,415	20 520,553	11,090	10,619
5							55	49	91 172	1 707,632	18 670,137	10,933	10,463
6	0	99 524	64 487,729	908 539,418	14,089	13,618	56	50	90 368	1 574,500	16 962,505	10,773	10,303
7	1	99 200	59 793,141	844 051,689	14,116	13,646	57	51	89 512	1 450,772	15 388,005	10,607	10,136
8	2	99 165	55 602,263	784 258,548	14,105	13,635	58	52	88 575	1 335,422	13 937,233	10,437	9,966
9	3	99 142	51 711,024	728 656,285	14,091	13,621	59	53	87 555	1 227,948	12 601,811	10,262	9,792
10	4	99 124	48 094,126	676 945,261	14,075	13,605	60	54	86 458	1 127,975	11 373,863	10,083	9,613
11	5	99 103	44 729,392	628 851,134	14,059	13,589	61	55	85 287	1 035,062	10 245,887	9,899	9,429
12	6	99 084	41 600,961	584 121,742	14,041	13,571	62	56	84 036	948,724	9 210,826	9,709	9,238
13	7	99 065	38 690,892	542 520,781	14,022	13,552	63	57	82 715	868,665	8 262,102	9,511	9,041
14	8	99 045	35 984,448	503 829,889	14,001	13,531	64	58	81 343	794,655	7 393,437	9,304	8,834
15	9	99 023	33 466,416	467 845,441	13,980	13,509	65	59	79 843	725,578	6 598,782	9,095	8,624
16	10	98 999	31 123,860	434 379,026	13,956	13,486	66	60	78 269	661,653	5 873,204	8,877	8,406
17	11	98 966	28 942,855	403 255,166	13,933	13,463	67	61	76 559	602,048	5 211,551	8,656	8,186
18	12	98 924	26 912,312	374 312,311	13,909	13,438	68	62	74 758	546,870	4 609,502	8,429	7,959
19	13	98 869	25 020,641	347 399,999	13,885	13,414	69	63	72 864	495,828	4 062,632	8,194	7,723
20	14	98 812	23 261,557	322 379,357	13,859	13,389	70	64	70 858	448,533	3 566,804	7,952	7,482
21	15	98 748	21 624,675	299 117,800	13,832	13,362	71	65	68 736	404,744	3 118,271	7,704	7,234
22	16	98 682	20 102,577	277 493,126	13,804	13,334	72	66	66 499	364,253	2 713,527	7,450	6,979
23	17	98 614	18 687,258	257 390,549	13,774	13,303	73	67	64 143	326,835	2 349,274	7,188	6,718
24	18	98 547	17 371,620	238 703,291	13,741	13,271	74	68	61 660	292,363	2 022,439	6,920	6,450
25	19	98 469	16 146,915	221 331,671	13,707	13,237	75	69	58 993	260,115	1 730,176	6,652	6,181
26	20	98 395	15 009,034	205 184,755	13,671	13,200	76	70	56 181	230,435	1 470,061	6,380	5,909
27	21	98 316	13 950,682	190 175,721	13,632	13,162	77	71	53 218	203,053	1 239,626	6,105	5,635
28	22	98 233	12 966,450	176 225,039	13,591	13,121	78	72	50 077	177,738	1 036,574	5,832	5,362
29	23	98 152	12 051,862	163 258,589	13,546	13,076	79	73	46 745	154,337	858,836	5,565	5,094
30	24	98 065	11 201,101	151 206,727	13,499	13,029	80	74	43 279	132,923	704,499	5,300	4,830
31	25	97 983	10 410,857	140 005,626	13,448	12,978	81	75	39 711	113,454	571,576	5,038	4,568
32	26	97 891	9 675,476	129 594,770	13,394	12,924	82	76	36 027	95,750	458,122	4,785	4,314
33	27	97 796	8 991,698	119 919,293	13,337	12,866	83	77	32 322	79,909	362,372	4,535	4,065
34	28	97 695	8 355,741	110 927,595	13,276	12,805	84	78	28 663	65,920	282,463	4,285	3,815
35	29	97 593	7 764,653	102 571,854	13,210	12,740	85	79	25 020	53,526	216,543	4,046	3,575
36	30	97 483	7 214,795	94 807,202	13,141	12,670	86	80	21 492	42,771	163,017	3,811	3,341
37	31	97 370	6 703,627	87 592,407	13,066	12,596	87	81	18 104	33,516	120,245	3,588	3,117
38	32	97 248	6 228,134	80 888,779	12,988	12,517	88	82	14 911	25,678	86,729	3,378	2,907
39	33	97 106	5 785,193	74 660,645	12,905	12,435	89	83	11 999	19,222	61,052	3,176	2,706
40	34	96 959	5 373,432	68 875,452	12,818	12,347	90	84	9 365	13,956	41,830	2,997	2,527
41	35	96 794	4 990,008	63 502,021	12,726	12,256	91	85	7 159	9,924	27,874	2,809	2,338
42	36	96 623	4 633,667	58 512,013	12,628	12,157	92	86	5 254	6,776	17,950	2,649	2,179
43	37	96 429	4 301,750	53 878,346	12,525	12,054	93	87	3 730	4,474	11,174	2,498	2,027
44	38	96 206	3 992,361	49 576,595	12,418	11,948	94	88	2 545	2,840	6,700	2,359	1,889
45	39	95 961	3 704,372	45 584,234	12,306	11,835	95	89	1 668	1,731	3,860	2,230	1,760
46	40	95 685	3 436,020	41 879,862	12,188	11,718	96	90	1 041	1,005	2,129	2,118	1,648
47	41	95 381	3 186,140	38 443,842	12,066	11,596	97	91	622	0,559	1,124	2,011	1,541
48	42	95 030	2 952,927	35 257,702	11,940	11,470	98	92	352	0,294	0,565	1,924	1,454
49	43	94 641	2 735,662	32 304,775	11,809	11,338	99	93	190	0,148	0,271	1,838	1,367
							100	94	97	0,070	0,124	1,759	1,289

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß   7,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	43	94 301	2 535,681	29 679,351	11,705	11,234
1							51	44	93 828	2 346,931	27 143,669	11,566	11,095
2							52	45	93 279	2 170,422	24 796,739	11,425	10,955
3							53	46	92 694	2 006,341	22 626,316	11,277	10,807
4							54	47	92 053	1 853,446	20 619,976	11,125	10,655
5							55	48	91 333	1 710,657	18 766,530	10,970	10,500
6							56	49	90 555	1 577,747	17 055,873	10,810	10,340
7	0	99 513	59 982,247	844 476,082	14,079	13,608	57	50	89 710	1 453,975	15 478,126	10,645	10,175
8	1	99 192	55 616,944	784 493,835	14,105	13,635	58	51	88 792	1 338,698	14 024,151	10,476	10,006
9	2	99 157	51 718,727	728 876,891	14,093	13,623	59	52	87 796	1 231,329	12 685,453	10,302	9,832
10	3	99 135	48 099,501	677 158,164	14,078	13,608	60	53	86 719	1 131,377	11 454,125	10,124	9,654
11	4	99 115	44 734,724	629 058,663	14,062	13,592	61	54	85 560	1 038,375	10 322,748	9,941	9,471
12	5	99 094	41 605,166	584 323,939	14,045	13,574	62	55	84 335	952,098	9 284,373	9,751	9,281
13	6	99 073	38 694,262	542 718,773	14,026	13,556	63	56	83 028	871,954	8 332,275	9,556	9,086
14	7	99 054	35 987,536	504 024,511	14,006	13,535	64	57	81 669	797,843	7 460,321	9,351	8,880
15	8	99 030	33 468,880	468 036,975	13,984	13,514	65	58	80 196	728,794	6 662,477	9,142	8,672
16	9	99 005	31 126,007	434 568,094	13,962	13,491	66	59	78 640	664,792	5 933,684	8,926	8,455
17	10	98 973	28 944,909	403 442,087	13,938	13,468	67	60	76 974	605,310	5 268,891	8,704	8,234
18	11	98 932	26 914,465	374 497,178	13,914	13,444	68	61	75 190	550,031	4 663,581	8,479	8,008
19	12	98 877	25 022,656	347 582,714	13,891	13,420	69	62	73 327	498,975	4 113,550	8,244	7,774
20	13	98 820	23 263,641	322 560,058	13,865	13,395	70	63	71 338	451,576	3 614,574	8,004	7,534
21	14	98 758	21 627,019	299 296,417	13,839	13,369	71	64	69 244	407,740	3 162,998	7,757	7,287
22	15	98 694	20 105,106	277 669,399	13,811	13,341	72	65	67 022	367,120	2 755,258	7,505	7,035
23	16	98 630	18 690,134	257 564,293	13,781	13,310	73	66	64 696	329,655	2 388,137	7,244	6,774
24	17	98 563	17 374,408	238 874,159	13,749	13,278	74	67	62 228	294,957	2 058,483	6,979	6,509
25	18	98 492	16 150,604	221 499,750	13,715	13,244	75	68	59 571	262,665	1 763,526	6,714	6,244
26	19	98 415	15 012,134	205 349,146	13,679	13,209	76	69	56 784	232,908	1 500,860	6,444	5,974
27	20	98 338	13 953,780	190 337,011	13,641	13,170	77	70	53 843	205,437	1 267,952	6,172	5,702
28	21	98 254	12 969,164	176 383,232	13,600	13,130	78	71	50 730	180,057	1 062,515	5,901	5,431
29	22	98 174	12 054,566	163 414,067	13,556	13,086	79	72	47 432	156,604	882,459	5,635	5,165
30	23	98 088	11 203,662	151 359,501	13,510	13,040	80	73	43 994	135,120	725,854	5,372	4,902
31	24	98 002	10 412,961	140 155,839	13,460	12,989	81	74	40 463	115,605	590,734	5,110	4,640
32	25	97 913	9 677,605	129 742,878	13,407	12,936	82	75	36 818	97,850	475,129	4,856	4,385
33	26	97 819	8 993,827	120 065,273	13,350	12,879	83	76	33 133	81,915	377,279	4,606	4,135
34	27	97 721	8 357,986	111 071,446	13,289	12,819	84	77	29 481	67,800	295,364	4,356	3,886
35	28	97 618	7 766,617	102 713,460	13,225	12,755	85	78	25 849	55,300	227,565	4,115	3,645
36	29	97 511	7 216,866	94 946,843	13,156	12,686	86	79	22 302	44,383	172,265	3,881	3,411
37	30	97 397	6 705,525	87 729,977	13,083	12,613	87	80	18 894	34,977	127,882	3,656	3,186
38	31	97 277	6 230,015	81 024,452	13,005	12,535	88	81	15 656	26,961	92,906	3,446	2,976
39	32	97 141	5 787,245	74 794,437	12,924	12,454	89	82	12 699	20,344	65,945	3,242	2,771
40	33	96 995	5 375,397	69 007,192	12,838	12,367	90	83	9 992	14,890	45,601	3,063	2,592
41	34	96 835	4 992,129	63 631,795	12,746	12,276	91	84	7 717	10,698	30,711	2,871	2,401
42	35	96 661	4 635,511	58 639,666	12,650	12,180	92	85	5 729	7,387	20,014	2,709	2,239
43	36	96 475	4 303,796	54 004,156	12,548	12,078	93	86	4 118	4,939	12,627	2,556	2,086
44	37	96 257	3 994,493	49 700,360	12,442	11,972	94	87	2 854	3,185	7,687	2,414	1,943
45	38	96 015	3 706,436	45 705,867	12,331	11,861	95	88	1 900	1,972	4,502	2,283	1,813
46	39	95 749	3 438,295	41 999,432	12,215	11,745	96	89	1 212	1,171	2,530	2,161	1,691
47	40	95 449	3 188,392	38 561,137	12,094	11,624	97	90	736	0,661	1,359	2,056	1,585
48	41	95 106	2 955,296	35 372,745	11,969	11,499	98	91	427	0,357	0,698	1,955	1,484
49	42	94 725	2 738,099	32 417,449	11,839	11,369	99	92	234	0,182	0,341	1,872	1,402
							100	93	123	0,089	0,159	1,791	1,321

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß   7,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	42	94 385	2 537,940	29 780,172	11,734	11,264
1							51	43	93 924	2 349,336	27 242,232	11,596	11,125
2							52	44	93 384	2 172,863	24 892,895	11,456	10,986
3							53	45	92 812	2 008,890	22 720,033	11,310	10,839
4							54	46	92 183	1 856,061	20 711,142	11,159	10,688
5							55	47	91 483	1 713,458	18 855,081	11,004	10,534
6							56	48	90 715	1 580,542	17 141,622	10,845	10,375
7							57	49	89 895	1 456,973	15 561,081	10,680	10,210
8	0	99 505	55 792,841	784 884,536	14,068	13,598	58	50	88 988	1 341,654	14 104,108	10,512	10,042
9	1	99 183	51 732,383	729 091,694	14,094	13,623	59	51	88 011	1 234,349	12 762,454	10,339	9,869
10	2	99 149	48 106,666	677 359,311	14,080	13,610	60	52	86 958	1 134,491	11 528,105	10,161	9,691
11	3	99 126	44 739,723	629 252,646	14,065	13,594	61	53	85 818	1 041,507	10 393,614	9,979	9,509
12	4	99 106	41 610,125	584 512,923	14,047	13,577	62	54	84 605	955,146	9 352,107	9,791	9,321
13	5	99 083	38 698,173	542 902,798	14,029	13,559	63	55	83 324	875,054	8 396,961	9,596	9,126
14	6	99 062	35 990,671	504 204,624	14,009	13,539	64	56	81 979	800,865	7 521,907	9,392	8,922
15	7	99 039	33 471,753	468 213,954	13,988	13,518	65	57	80 518	731,718	6 721,043	9,185	8,715
16	8	99 013	31 128,300	434 742,200	13,966	13,496	66	58	78 989	667,739	5 989,324	8,970	8,499
17	9	98 980	28 946,906	403 613,901	13,943	13,473	67	59	77 339	608,182	5 321,586	8,750	8,280
18	10	98 939	26 916,375	374 666,995	13,920	13,449	68	60	75 598	553,012	4 713,403	8,523	8,053
19	11	98 885	25 024,657	347 750,620	13,896	13,426	69	61	73 751	501,860	4 160,392	8,290	7,820
20	12	98 828	23 265,514	322 725,963	13,871	13,401	70	62	71 791	454,442	3 658,532	8,051	7,580
21	13	98 767	21 628,956	299 460,450	13,845	13,375	71	63	69 714	410,506	3 204,090	7,805	7,335
22	14	98 705	20 107,285	277 831,493	13,817	13,347	72	64	67 518	369,838	2 793,583	7,554	7,083
23	15	98 642	18 692,486	257 724,208	13,788	13,317	73	65	65 205	332,250	2 423,745	7,295	6,825
24	16	98 578	17 377,082	239 031,723	13,756	13,285	74	66	62 765	297,502	2 091,496	7,030	6,560
25	17	98 508	16 153,197	221 654,641	13,722	13,252	75	67	60 120	265,086	1 793,994	6,768	6,297
26	18	98 438	15 015,564	205 501,444	13,686	13,216	76	68	57 341	235,192	1 528,908	6,501	6,030
27	19	98 358	13 956,662	190 485,880	13,648	13,178	77	69	54 421	207,642	1 293,715	6,231	5,760
28	20	98 276	12 972,044	176 529,218	13,608	13,138	78	70	51 326	182,171	1 086,073	5,962	5,492
29	21	98 195	12 057,089	163 557,173	13,565	13,095	79	71	48 051	158,647	903,902	5,698	5,227
30	22	98 110	11 206,176	151 500,084	13,519	13,049	80	72	44 641	137,105	745,255	5,436	4,965
31	23	98 025	10 415,342	140 293,908	13,470	13,000	81	73	41 132	117,516	608,150	5,175	4,705
32	24	97 932	9 679,562	129 878,566	13,418	12,948	82	74	37 516	99,705	490,634	4,921	4,451
33	25	97 841	8 995,806	120 199,004	13,362	12,891	83	75	33 860	83,711	390,929	4,670	4,200
34	26	97 744	8 359,964	111 203,198	13,302	12,832	84	76	30 221	69,502	307,218	4,420	3,950
35	27	97 644	7 768,704	102 843,234	13,238	12,768	85	77	26 586	56,876	237,716	4,180	3,709
36	28	97 536	7 218,691	95 074,530	13,171	12,700	86	78	23 041	45,853	180,839	3,944	3,474
37	29	97 425	6 707,450	87 855,839	13,098	12,628	87	79	19 605	36,294	134,986	3,719	3,249
38	30	97 305	6 231,779	81 148,389	13,022	12,551	88	80	16 338	28,136	98,692	3,508	3,037
39	31	97 170	5 788,993	74 916,610	12,941	12,471	89	81	13 334	21,360	70,556	3,303	2,833
40	32	97 029	5 377,303	69 127,617	12,855	12,385	90	82	10 575	15,759	49,196	3,122	2,651
41	33	96 871	4 993,955	63 750,314	12,765	12,295	91	83	8 233	11,413	33,437	2,930	2,459
42	34	96 702	4 637,481	58 756,359	12,670	12,200	92	84	6 175	7,963	22,023	2,766	2,296
43	35	96 514	4 305,508	54 118,879	12,570	12,099	93	85	4 489	5,385	14,061	2,611	2,141
44	36	96 303	3 996,392	49 813,370	12,465	11,994	94	86	3 151	3,516	8,676	2,467	1,997
45	37	96 066	3 708,415	45 816,979	12,355	11,885	95	87	2 131	2,212	5,159	2,333	1,862
46	38	95 802	3 440,210	42 108,564	12,240	11,770	96	88	1 381	1,334	2,947	2,210	1,739
47	39	95 512	3 190,503	38 668,354	12,120	11,650	97	89	858	0,770	1,614	2,095	1,625
48	40	95 173	2 957,384	35 477,851	11,996	11,526	98	90	506	0,423	0,843	1,996	1,526
49	41	94 801	2 740,295	32 520,467	11,868	11,397	99	91	285	0,221	0,421	1,900	1,430
							100	92	151	0,109	0,199	1,823	1,353

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß   7,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	41	94 461	2 539,976	29 872,328	11,761	11,291
1							51	42	94 008	2 351,429	27 332,351	11,624	11,153
2							52	43	93 480	2 175,090	24 980,922	11,485	11,015
3							53	44	92 917	2 011,149	22 805,832	11,340	10,869
4							54	45	92 300	1 858,420	20 794,683	11,189	10,719
5							55	46	91 612	1 715,876	18 936,263	11,036	10,566
6							56	47	90 864	1 583,130	17 220,387	10,877	10,407
7							57	48	90 054	1 459,554	15 637,256	10,714	10,243
8							58	49	89 171	1 344,420	14 177,702	10,546	10,075
9	0	99 497	51 895,995	729 451,377	14,056	13,586	59	50	88 205	1 237,074	12 833,282	10,374	9,904
10	1	99 176	48 119,367	677 555,383	14,081	13,610	60	51	87 171	1 137,274	11 596,208	10,196	9,726
11	2	99 140	44 746,387	629 436,016	14,067	13,596	61	52	86 054	1 044,374	10 458,934	10,015	9,544
12	3	99 117	41 614,775	584 689,628	14,050	13,580	62	53	84 860	958,026	9 414,560	9,827	9,357
13	4	99 095	38 702,786	543 074,853	14,032	13,562	63	54	83 590	877,856	8 456,534	9,633	9,163
14	5	99 072	35 994,309	504 372,067	14,013	13,542	64	55	82 270	803,712	7 578,678	9,430	8,959
15	6	99 047	33 474,669	468 377,758	13,992	13,522	65	56	80 823	734,489	6 774,966	9,224	8,754
16	7	99 021	31 130,971	434 903,090	13,970	13,500	66	57	79 306	670,418	6 040,477	9,010	8,540
17	8	98 987	28 949,038	403 772,118	13,948	13,477	67	58	77 682	610,878	5 370,059	8,791	8,320
18	9	98 946	26 918,232	374 823,081	13,925	13,454	68	59	75 957	555,635	4 759,181	8,565	8,095
19	10	98 892	25 026,433	347 904,849	13,901	13,431	69	60	74 150	504,579	4 203,546	8,331	7,861
20	11	98 836	23 267,374	322 878,416	13,877	13,407	70	61	72 206	457,069	3 698,967	8,093	7,623
21	12	98 775	21 630,697	299 611,041	13,851	13,381	71	62	70 157	413,112	3 241,898	7,848	7,377
22	13	98 714	20 109,086	277 980,344	13,824	13,353	72	63	67 976	372,347	2 828,786	7,597	7,127
23	14	98 653	18 694,512	257 871,258	13,794	13,324	73	64	65 688	334,709	2 456,439	7,339	6,869
24	15	98 590	17 379,268	239 176,746	13,762	13,292	74	65	63 259	299,844	2 121,729	7,076	6,606
25	16	98 523	16 155,683	221 797,477	13,729	13,258	75	66	60 639	267,373	1 821,886	6,814	6,344
26	17	98 454	15 017,974	205 641,795	13,693	13,223	76	67	57 870	237,360	1 554,512	6,549	6,079
27	18	98 381	13 959,851	190 623,821	13,655	13,185	77	68	54 955	209,678	1 317,152	6,282	5,811
28	19	98 296	12 974,724	176 663,970	13,616	13,146	78	69	51 877	184,126	1 107,474	6,015	5,544
29	20	98 216	12 059,767	163 689,246	13,573	13,103	79	70	48 615	160,510	923,348	5,753	5,282
30	21	98 130	11 208,522	151 629,480	13,528	13,058	80	71	45 223	138,893	762,838	5,492	5,022
31	22	98 047	10 417,679	140 420,958	13,479	13,009	81	72	41 737	119,243	623,944	5,233	4,762
32	23	97 955	9 681,775	130 003,279	13,428	12,957	82	73	38 136	101,353	504,702	4,980	4,509
33	24	97 860	8 997,625	120 321,504	13,373	12,902	83	74	34 502	85,299	403,349	4,729	4,258
34	25	97 766	8 361,804	111 323,879	13,313	12,843	84	75	30 884	71,026	318,050	4,478	4,008
35	26	97 667	7 770,543	102 962,075	13,250	12,780	85	76	27 253	58,305	247,024	4,237	3,767
36	27	97 562	7 220,631	95 191,533	13,183	12,713	86	77	23 698	47,161	188,720	4,002	3,531
37	28	97 450	6 709,146	87 970,902	13,112	12,642	87	78	20 255	37,497	141,559	3,775	3,305
38	29	97 333	6 233,568	81 261,755	13,036	12,566	88	79	16 954	29,196	104,062	3,564	3,094
39	30	97 198	5 790,632	75 028,188	12,957	12,487	89	80	13 915	22,291	74,866	3,359	2,888
40	31	97 059	5 378,928	69 237,556	12,872	12,402	90	81	11 104	16,546	52,575	3,177	2,707
41	32	96 905	4 995,725	63 858,628	12,783	12,312	91	82	8 714	12,079	36,029	2,983	2,512
42	33	96 738	4 639,177	58 862,903	12,688	12,218	92	83	6 588	8,496	23,949	2,819	2,349
43	34	96 555	4 307,338	54 223,726	12,589	12,118	93	84	4 839	5,805	15,454	2,662	2,192
44	35	96 341	3 997,982	49 916,388	12,485	12,015	94	85	3 436	3,834	9,649	2,517	2,047
45	36	96 112	3 710,178	45 918,406	12,376	11,906	95	86	2 352	2,442	5,815	2,382	1,911
46	37	95 853	3 442,047	42 208,228	12,263	11,792	96	87	1 549	1,496	3,374	2,255	1,785
47	38	95 565	3 192,280	38 766,181	12,144	11,673	97	88	977	0,878	1,878	2,140	1,669
48	39	95 236	2 959,342	35 573,901	12,021	11,551	98	89	589	0,492	1,000	2,032	1,561
49	40	94 868	2 742,232	32 614,559	11,893	11,423	99	90	337	0,262	0,508	1,938	1,468
							100	91	184	0,133	0,246	1,848	1,378

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß   7,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	40	94 528	2 541,771	29 956,479	11,786	11,315
1							51	41	94 083	2 353,316	27 414,708	11,649	11,179
2							52	42	93 563	2 177,028	25 061,392	11,512	11,041
3							53	43	93 012	2 013,211	22 884,364	11,367	10,897
4							54	44	92 404	1 860,510	20 871,154	11,218	10,748
5							55	45	91 728	1 718,057	19 010,644	11,065	10,595
6							56	46	90 992	1 585,364	17 292,587	10,908	10,437
7							57	47	90 201	1 461,945	15 707,223	10,744	10,274
8							58	48	89 329	1 346,802	14 245,278	10,577	10,107
9							59	49	88 387	1 239,625	12 898,476	10,405	9,935
10	0	99 489	48 271,552	677 886,519	14,043	13,573	60	50	87 364	1 139,785	11 658,852	10,229	9,759
11	1	99 167	44 758,202	629 614,966	14,067	13,597	61	51	86 265	1 046,935	10 519,067	10,047	9,577
12	2	99 132	41 620,974	584 856,764	14,052	13,582	62	52	85 093	960,663	9 472,131	9,860	9,390
13	3	99 106	38 707,111	543 235,790	14,035	13,564	63	53	83 842	880,503	8 511,468	9,667	9,196
14	4	99 084	35 998,599	504 528,679	14,015	13,545	64	54	82 534	806,285	7 630,965	9,464	8,994
15	5	99 057	33 478,052	468 530,080	13,995	13,525	65	55	81 110	737,101	6 824,679	9,259	8,789
16	6	99 030	31 133,683	435 052,028	13,974	13,503	66	56	79 606	672,957	6 087,579	9,046	8,576
17	7	98 995	28 951,523	403 918,345	13,952	13,481	67	57	77 994	613,329	5 414,622	8,828	8,358
18	8	98 953	26 920,214	374 966,822	13,929	13,459	68	58	76 293	558,008	4 801,293	8,603	8,133
19	9	98 899	25 028,159	348 046,608	13,906	13,436	69	59	74 502	506,973	4 243,196	8,370	7,899
20	10	98 843	23 269,026	323 018,449	13,882	13,412	70	60	72 597	459,546	3 736,223	8,130	7,660
21	11	98 783	21 632,427	299 749,423	13,856	13,386	71	61	70 562	415,500	3 276,677	7,886	7,416
22	12	98 722	20 110,705	278 116,995	13,829	13,359	72	62	68 408	374,711	2 861,177	7,636	7,165
23	13	98 661	18 696,187	258 006,290	13,800	13,330	73	63	66 134	336,980	2 486,466	7,379	6,908
24	14	98 601	17 381,152	239 310,104	13,768	13,298	74	64	63 727	302,064	2 149,486	7,116	6,646
25	15	98 535	16 157,715	221 928,951	13,735	13,265	75	65	61 116	269,478	1 847,423	6,856	6,385
26	16	98 469	15 020,285	205 771,236	13,700	13,229	76	66	58 369	239,408	1 577,945	6,591	6,121
27	17	98 396	13 962,091	190 750,951	13,662	13,192	77	67	55 461	211,611	1 338,537	6,325	5,855
28	18	98 318	12 977,688	176 788,860	13,623	13,152	78	68	52 386	185,932	1 126,926	6,061	5,591
29	19	98 237	12 062,258	163 811,172	13,580	13,110	79	69	49 137	162,233	940,994	5,800	5,330
30	20	98 152	11 211,010	151 748,914	13,536	13,065	80	70	45 754	140,524	778,761	5,542	5,072
31	21	98 067	10 419,860	140 537,903	13,488	13,017	81	71	42 281	120,798	638,237	5,284	4,813
32	22	97 977	9 683,947	130 118,043	13,436	12,966	82	72	38 696	102,842	517,439	5,031	4,561
33	23	97 883	8 999,682	120 434,096	13,382	12,912	83	73	35 072	86,709	414,597	4,781	4,311
34	24	97 786	8 363,494	111 434,414	13,324	12,854	84	74	31 469	72,373	327,888	4,531	4,060
35	25	97 688	7 772,252	103 070,920	13,261	12,791	85	75	27 851	59,583	255,516	4,288	3,818
36	26	97 585	7 222,340	95 298,667	13,195	12,725	86	76	24 293	48,345	195,933	4,053	3,583
37	27	97 476	6 710,949	88 076,327	13,124	12,654	87	77	20 832	38,566	147,588	3,827	3,357
38	28	97 357	6 235,144	81 365,378	13,049	12,579	88	78	17 515	30,163	109,022	3,614	3,144
39	29	97 226	5 792,294	75 130,234	12,971	12,500	89	79	14 439	23,131	78,859	3,409	2,939
40	30	97 086	5 380,451	69 337,940	12,887	12,417	90	80	11 588	17,268	55,728	3,227	2,757
41	31	96 934	4 997,235	63 957,489	12,799	12,328	91	81	9 149	12,683	38,460	3,032	2,562
42	32	96 772	4 640,822	58 960,254	12,705	12,234	92	82	6 973	8,991	25,777	2,867	2,397
43	33	96 590	4 308,913	54 319,432	12,606	12,136	93	83	5 163	6,193	16,786	2,710	2,240
44	34	96 382	3 999,681	50 010,519	12,504	12,033	94	84	3 704	4,133	10,593	2,563	2,093
45	35	96 150	3 711,654	46 010,838	12,396	11,926	95	85	2 565	2,662	6,460	2,427	1,956
46	36	95 899	3 443,684	42 299,184	12,283	11,813	96	86	1 710	1,651	3,798	2,300	1,829
47	37	95 616	3 193,984	38 855,500	12,165	11,695	97	87	1 096	0,984	2,147	2,181	1,711
48	38	95 289	2 960,990	35 661,516	12,044	11,573	98	88	671	0,561	1,162	2,073	1,602
49	39	94 931	2 744,047	32 700,526	11,917	11,447	99	89	393	0,305	0,602	1,971	1,501
							100	90	218	0,157	0,296	1,884	1,413

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß   7,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	39	94 590	2 543,454	30 033,350	11,808	11,338
1							51	40	94 150	2 354,979	27 489,897	11,673	11,203
2							52	41	93 638	2 178,774	25 134,918	11,536	11,066
3							53	42	93 095	2 015,004	22 956,144	11,393	10,922
4							54	43	92 498	1 862,417	20 941,140	11,244	10,774
5							55	44	91 831	1 719,989	19 078,723	11,092	10,622
6							56	45	91 108	1 587,379	17 358,734	10,935	10,465
7							57	46	90 329	1 464,008	15 771,355	10,773	10,302
8							58	47	89 476	1 349,008	14 307,348	10,606	10,136
9							59	48	88 544	1 241,821	12 958,340	10,435	9,965
10							60	49	87 544	1 142,135	11 716,519	10,258	9,788
11	0	99 480	44 899,757	629 919,829	14,029	13,559	61	50	86 456	1 049,247	10 574,384	10,078	9,608
12	1	99 158	41 631,964	585 020,073	14,052	13,582	62	51	85 302	963,020	9 525,137	9,891	9,421
13	2	99 121	38 712,877	543 388,109	14,036	13,566	63	52	84 073	882,927	8 562,117	9,697	9,227
14	3	99 095	36 002,622	504 675,232	14,018	13,547	64	53	82 782	808,717	7 679,190	9,496	9,025
15	4	99 069	33 482,043	468 672,610	13,998	13,527	65	54	81 370	739,460	6 870,474	9,291	8,821
16	5	99 040	31 136,830	435 190,568	13,977	13,506	66	55	79 889	675,349	6 131,013	9,078	8,608
17	6	99 004	28 954,044	404 053,738	13,955	13,485	67	56	78 289	615,651	5 455,664	8,862	8,391
18	7	98 962	26 922,525	375 099,693	13,933	13,462	68	57	76 599	560,337	4 840,013	8,638	8,167
19	8	98 906	25 030,003	348 177,168	13,910	13,440	69	58	74 832	509,220	4 279,676	8,404	7,934
20	9	98 850	23 270,631	323 147,166	13,886	13,416	70	59	72 942	461,726	3 770,456	8,166	7,696
21	10	98 790	21 633,963	299 876,535	13,861	13,391	71	60	70 945	417,751	3 308,730	7,920	7,450
22	11	98 730	20 112,313	278 242,572	13,834	13,364	72	61	68 803	376,877	2 890,979	7,671	7,201
23	12	98 669	18 697,692	258 130,258	13,805	13,335	73	62	66 553	339,119	2 514,102	7,414	6,943
24	13	98 610	17 382,709	239 432,567	13,774	13,304	74	63	64 160	304,113	2 174,983	7,152	6,682
25	14	98 546	16 159,466	222 049,857	13,741	13,271	75	64	61 569	271,473	1 870,870	6,892	6,421
26	15	98 481	15 022,175	205 890,391	13,706	13,235	76	65	58 828	241,292	1 599,397	6,628	6,158
27	16	98 411	13 964,240	190 868,216	13,668	13,198	77	66	55 940	213,437	1 358,105	6,363	5,893
28	17	98 334	12 979,771	176 903,976	13,629	13,159	78	67	52 869	187,645	1 144,668	6,100	5,630
29	18	98 259	12 065,014	163 924,205	13,587	13,116	79	68	49 619	163,824	957,023	5,842	5,371
30	19	98 172	11 213,326	151 859,191	13,543	13,072	80	69	46 245	142,033	793,199	5,585	5,114
31	20	98 089	10 422,174	140 645,865	13,495	13,025	81	70	42 777	122,216	651,166	5,328	4,858
32	21	97 997	9 685,975	130 223,691	13,445	12,974	82	71	39 201	104,184	528,950	5,077	4,607
33	22	97 905	9 001,701	120 537,717	13,391	12,920	83	72	35 588	87,982	424,766	4,828	4,358
34	23	97 808	8 365,407	111 536,015	13,333	12,863	84	73	31 989	73,569	336,784	4,578	4,108
35	24	97 708	7 773,824	103 170,609	13,272	12,801	85	74	28 379	60,713	263,215	4,335	3,865
36	25	97 606	7 223,929	95 396,785	13,206	12,735	86	75	24 825	49,405	202,502	4,099	3,629
37	26	97 499	6 712,538	88 172,856	13,136	12,665	87	76	21 355	39,534	153,097	3,873	3,402
38	27	97 383	6 236,820	81 460,318	13,061	12,591	88	77	18 015	31,023	113,563	3,661	3,190
39	28	97 250	5 793,759	75 223,498	12,984	12,513	89	78	14 918	23,897	82,540	3,454	2,984
40	29	97 114	5 381,995	69 429,739	12,900	12,430	90	79	12 024	17,918	58,642	3,273	2,803
41	30	96 962	4 998,649	64 047,744	12,813	12,343	91	80	9 548	13,236	40,724	3,077	2,607
42	31	96 801	4 642,224	59 049,095	12,720	12,250	92	81	7 321	9,441	27,488	2,912	2,441
43	32	96 624	4 310,441	54 406,871	12,622	12,152	93	82	5 464	6,555	18,048	2,753	2,283
44	33	96 418	4 001,144	50 096,429	12,521	12,050	94	83	3 951	4,409	11,493	2,607	2,136
45	34	96 191	3 713,231	46 095,286	12,414	11,944	95	84	2 765	2,870	7,084	2,469	1,998
46	35	95 937	3 445,054	42 382,054	12,302	11,832	96	85	1 865	1,800	4,214	2,341	1,870
47	36	95 661	3 195,503	38 937,000	12,185	11,715	97	86	1 210	1,086	2,414	2,222	1,751
48	37	95 340	2 962,571	35 741,497	12,064	11,594	98	87	753	0,629	1,327	2,111	1,640
49	38	94 983	2 745,576	32 778,926	11,939	11,469	99	88	447	0,348	0,699	2,009	1,539
							100	89	254	0,183	0,351	1,914	1,443

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß   7,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	38	94 643	2 544,871	30 103,443	11,829	11,359
1							51	39	94 212	2 356,538	27 558,572	11,695	11,224
2							52	40	93 704	2 180,314	25 202,035	11,559	11,089
3							53	41	93 169	2 016,620	23 021,721	11,416	10,946
4							54	42	92 581	1 864,076	21 005,101	11,268	10,798
5							55	43	91 926	1 721,752	19 141,025	11,117	10,647
6							56	44	91 210	1 589,164	17 419,273	10,961	10,491
7							57	45	90 443	1 465,868	15 830,109	10,799	10,329
8							58	46	89 602	1 350,911	14 364,241	10,633	10,163
9							59	47	88 689	1 243,855	13 013,330	10,462	9,992
10							60	48	87 699	1 144,158	11 769,475	10,287	9,816
11							61	49	86 634	1 051,410	10 625,317	10,106	9,635
12	0	99 472	41 763,631	585 300,760	14,015	13,544	62	50	85 490	965,146	9 573,906	9,920	9,449
13	1	99 147	38 723,098	543 537,129	14,037	13,566	63	51	84 280	885,093	8 608,760	9,726	9,256
14	2	99 110	36 007,985	504 814,031	14,020	13,549	64	52	83 010	810,943	7 723,668	9,524	9,054
15	3	99 080	33 485,784	468 806,046	14,000	13,530	65	53	81 616	741,690	6 912,725	9,320	8,850
16	4	99 052	31 140,541	435 320,262	13,979	13,509	66	54	80 145	677,512	6 171,034	9,108	8,638
17	5	99 014	28 956,971	404 179,720	13,958	13,488	67	55	78 568	617,840	5 493,523	8,891	8,421
18	6	98 971	26 924,870	375 222,749	13,936	13,466	68	56	76 889	562,459	4 875,682	8,669	8,198
19	7	98 914	25 032,151	348 297,879	13,914	13,444	69	57	75 133	511,263	4 313,224	8,436	7,966
20	8	98 857	23 272,345	323 265,728	13,891	13,420	70	58	73 265	463,772	3 801,961	8,198	7,728
21	9	98 797	21 635,455	299 993,383	13,866	13,396	71	59	71 281	419,733	3 338,188	7,953	7,483
22	10	98 737	20 113,741	278 357,928	13,839	13,369	72	60	69 176	378,919	2 918,455	7,702	7,232
23	11	98 677	18 699,187	258 244,187	13,810	13,340	73	61	66 938	341,079	2 539,536	7,446	6,975
24	12	98 618	17 384,109	239 545,000	13,780	13,309	74	62	64 567	306,043	2 198,457	7,183	6,713
25	13	98 555	16 160,914	222 160,891	13,747	13,277	75	63	61 987	273,315	1 892,414	6,924	6,454
26	14	98 492	15 023,803	205 999,977	13,712	13,241	76	64	59 264	243,079	1 619,099	6,661	6,191
27	15	98 424	13 965,997	190 976,174	13,674	13,204	77	65	56 380	215,117	1 376,021	6,397	5,926
28	16	98 349	12 981,769	177 010,177	13,635	13,165	78	66	53 325	189,264	1 160,904	6,134	5,663
29	17	98 275	12 066,950	164 028,408	13,593	13,123	79	67	50 076	165,334	971,640	5,877	5,407
30	18	98 195	11 215,888	151 961,458	13,549	13,078	80	68	46 699	143,425	806,306	5,622	5,151
31	19	98 109	10 424,327	140 745,570	13,502	13,031	81	69	43 237	123,528	662,880	5,366	4,896
32	20	98 019	9 688,125	130 321,244	13,452	12,981	82	70	39 661	105,407	539,352	5,117	4,647
33	21	97 925	9 003,586	120 633,118	13,398	12,928	83	71	36 052	89,130	433,945	4,869	4,398
34	22	97 830	8 367,284	111 629,533	13,341	12,871	84	72	32 459	74,650	344,815	4,619	4,149
35	23	97 731	7 775,601	103 262,249	13,280	12,810	85	73	28 848	61,716	270,165	4,378	3,907
36	24	97 626	7 225,390	95 486,648	13,215	12,745	86	74	25 296	50,342	208,449	4,141	3,670
37	25	97 520	6 714,015	88 261,258	13,146	12,676	87	75	21 824	40,401	158,107	3,913	3,443
38	26	97 406	6 238,296	81 547,243	13,072	12,602	88	76	18 467	31,802	117,706	3,701	3,231
39	27	97 276	5 795,316	75 308,947	12,995	12,525	89	77	15 343	24,579	85,904	3,495	3,025
40	28	97 139	5 383,356	69 513,631	12,913	12,442	90	78	12 423	18,512	61,325	3,313	2,842
41	29	96 989	5 000,084	64 130,275	12,826	12,356	91	79	9 908	13,734	42,813	3,117	2,647
42	30	96 829	4 643,538	59 130,191	12,734	12,264	92	80	7 640	9,852	29,079	2,952	2,481
43	31	96 653	4 311,744	54 486,653	12,637	12,167	93	81	5 737	6,882	19,227	2,794	2,323
44	32	96 452	4 002,563	50 174,909	12,536	12,065	94	82	4 182	4,666	12,345	2,645	2,175
45	33	96 226	3 714,590	46 172,346	12,430	11,960	95	83	2 950	3,062	7,678	2,508	2,038
46	34	95 978	3 446,518	42 457,757	12,319	11,849	96	84	2 010	1,941	4,616	2,379	1,908
47	35	95 700	3 196,774	39 011,239	12,203	11,733	97	85	1 319	1,185	2,676	2,259	1,789
48	36	95 385	2 963,980	35 814,465	12,083	11,613	98	86	831	0,694	1,491	2,148	1,677
49	37	95 034	2 747,042	32 850,485	11,958	11,488	99	87	502	0,390	0,797	2,043	1,573
							100	88	289	0,209	0,407	1,948	1,478

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß   7,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	37	94 694	2 546,229	30 167,411	11,848	11,378
1							51	38	94 264	2 357,850	27 621,182	11,715	11,244
2							52	39	93 766	2 181,757	25 263,331	11,579	11,109
3							53	40	93 235	2 018,046	23 081,574	11,438	10,967
4							54	41	92 655	1 865,571	21 063,529	11,291	10,820
5							55	42	92 007	1 723,286	19 197,957	11,140	10,670
6							56	43	91 304	1 590,793	17 474,672	10,985	10,515
7							57	44	90 545	1 467,516	15 883,879	10,824	10,353
8							58	45	89 716	1 352,628	14 416,363	10,658	10,188
9							59	46	88 814	1 245,610	13 063,735	10,488	10,018
10							60	47	87 843	1 146,032	11 818,125	10,312	9,842
11							61	48	86 788	1 053,273	10 672,093	10,132	9,662
12							62	49	85 667	967,136	9 618,820	9,946	9,475
13	0	99 461	38 845,566	543 795,569	13,999	13,529	63	50	84 466	887,047	8 651,683	9,753	9,283
14	1	99 136	36 017,492	504 950,003	14,020	13,549	64	51	83 214	812,932	7 764,637	9,551	9,081
15	2	99 095	33 490,772	468 932,511	14,002	13,532	65	52	81 840	743,732	6 951,705	9,347	8,877
16	3	99 063	31 144,021	435 441,738	13,982	13,511	66	53	80 386	679,555	6 207,973	9,135	8,665
17	4	99 026	28 960,423	404 297,717	13,960	13,490	67	54	78 819	619,818	5 528,418	8,919	8,449
18	5	98 981	26 927,592	375 337,295	13,939	13,468	68	55	77 163	564,459	4 908,600	8,696	8,226
19	6	98 923	25 034,331	348 409,703	13,917	13,447	69	56	75 417	513,199	4 344,141	8,465	7,995
20	7	98 866	23 274,343	323 375,372	13,894	13,424	70	57	73 559	465,633	3 830,942	8,227	7,757
21	8	98 804	21 637,049	300 101,029	13,870	13,399	71	58	71 597	421,594	3 365,309	7,982	7,512
22	9	98 744	20 115,129	278 463,980	13,844	13,373	72	59	69 504	380,716	2 943,715	7,732	7,262
23	10	98 684	18 700,514	258 348,852	13,815	13,345	73	60	67 301	342,927	2 562,999	7,474	7,004
24	11	98 626	17 385,499	239 648,338	13,784	13,314	74	61	64 940	307,812	2 220,071	7,212	6,742
25	12	98 563	16 162,215	222 262,839	13,752	13,282	75	62	62 380	275,050	1 912,259	6,952	6,482
26	13	98 501	15 025,149	206 100,623	13,717	13,247	76	63	59 666	244,728	1 637,210	6,690	6,220
27	14	98 435	13 967,511	191 075,474	13,680	13,210	77	64	56 798	216,709	1 392,482	6,426	5,955
28	15	98 362	12 983,402	177 107,963	13,641	13,171	78	65	53 745	190,754	1 175,773	6,164	5,694
29	16	98 290	12 068,807	164 124,562	13,599	13,129	79	66	50 508	166,760	985,019	5,907	5,437
30	17	98 210	11 217,688	152 055,754	13,555	13,085	80	67	47 129	144,747	818,258	5,653	5,183
31	18	98 132	10 426,708	140 838,066	13,507	13,037	81	68	43 661	124,740	673,511	5,399	4,929
32	19	98 039	9 690,127	130 411,358	13,458	12,988	82	69	40 087	106,539	548,771	5,151	4,681
33	20	97 947	9 005,585	120 721,231	13,405	12,935	83	70	36 475	90,177	442,232	4,904	4,434
34	21	97 851	8 369,035	111 715,647	13,349	12,878	84	71	32 883	75,623	352,056	4,655	4,185
35	22	97 752	7 777,346	103 346,611	13,288	12,818	85	72	29 272	62,623	276,432	4,414	3,944
36	23	97 648	7 227,042	95 569,266	13,224	12,754	86	73	25 714	51,174	213,809	4,178	3,708
37	24	97 540	6 715,372	88 342,224	13,155	12,685	87	74	22 238	41,167	162,636	3,951	3,480
38	25	97 428	6 239,669	81 626,852	13,082	12,612	88	75	18 872	32,500	121,468	3,738	3,267
39	26	97 299	5 796,688	75 387,183	13,005	12,535	89	76	15 728	25,196	88,969	3,531	3,061
40	27	97 165	5 384,803	69 590,495	12,923	12,453	90	77	12 777	19,040	63,773	3,349	2,879
41	28	97 014	5 001,349	64 205,692	12,838	12,367	91	78	10 236	14,190	44,733	3,153	2,682
42	29	96 857	4 644,871	59 204,343	12,746	12,276	92	79	7 928	10,223	30,544	2,988	2,517
43	30	96 681	4 312,964	54 559,472	12,650	12,180	93	80	5 987	7,182	20,321	2,829	2,359
44	31	96 481	4 003,772	50 246,508	12,550	12,080	94	81	4 391	4,900	13,139	2,682	2,211
45	32	96 260	3 715,907	46 242,736	12,445	11,974	95	82	3 122	3,240	8,239	2,543	2,072
46	33	96 013	3 447,779	42 526,829	12,335	11,864	96	83	2 144	2,071	4,999	2,414	1,944
47	34	95 740	3 198,133	39 079,051	12,219	11,749	97	84	1 422	1,277	2,928	2,293	1,823
48	35	95 423	2 965,159	35 880,918	12,101	11,631	98	85	906	0,757	1,651	2,181	1,711
49	36	95 079	2 748,348	32 915,759	11,977	11,506	99	86	554	0,430	0,894	2,077	1,607
							100	87	324	0,234	0,464	1,980	1,509

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß   7,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	36	94 739	2 547,440	30 225,753	11,865	11,395
1							51	37	94 315	2 359,109	27 678,313	11,733	11,262
2							52	38	93 818	2 182,972	25 319,204	11,598	11,128
3							53	39	93 297	2 019,381	23 136,232	11,457	10,987
4							54	40	92 720	1 866,890	21 116,850	11,311	10,841
5							55	41	92 081	1 724,668	19 249,960	11,162	10,691
6							56	42	91 385	1 592,210	17 525,293	11,007	10,537
7							57	43	90 638	1 469,021	15 933,083	10,846	10,376
8							58	44	89 817	1 354,149	14 464,062	10,681	10,211
9							59	45	88 927	1 247,193	13 109,913	10,512	10,041
10							60	46	87 966	1 147,649	11 862,720	10,337	9,866
11							61	47	86 930	1 054,998	10 715,071	10,156	9,686
12							62	48	85 819	968,849	9 660,073	9,971	9,500
13							63	49	84 640	888,876	8 691,223	9,778	9,307
14	0	99 450	36 131,403	505 187,971	13,982	13,512	64	50	83 398	814,727	7 802,348	9,577	9,106
15	1	99 121	33 499,615	469 056,568	14,002	13,532	65	51	82 041	745,556	6 987,621	9,372	8,902
16	2	99 077	31 148,661	435 556,953	13,983	13,513	66	52	80 608	681,425	6 242,064	9,160	8,690
17	3	99 037	28 963,659	404 408,293	13,963	13,492	67	53	79 057	621,687	5 560,639	8,944	8,474
18	4	98 992	26 930,801	375 444,634	13,941	13,471	68	54	77 410	566,266	4 938,951	8,722	8,252
19	5	98 933	25 036,862	348 513,833	13,920	13,450	69	55	75 685	515,024	4 372,685	8,490	8,020
20	6	98 875	23 276,370	323 476,971	13,897	13,427	70	56	73 838	467,396	3 857,662	8,254	7,783
21	7	98 813	21 638,906	300 200,601	13,873	13,403	71	57	71 884	423,285	3 390,265	8,009	7,539
22	8	98 751	20 116,610	278 561,695	13,847	13,377	72	58	69 812	382,404	2 966,980	7,759	7,288
23	9	98 691	18 701,804	258 445,085	13,819	13,349	73	59	67 620	344,554	2 584,576	7,501	7,031
24	10	98 633	17 386,733	239 743,281	13,789	13,319	74	60	65 292	309,480	2 240,022	7,238	6,768
25	11	98 571	16 163,508	222 356,548	13,757	13,286	75	61	62 741	276,639	1 930,542	6,979	6,508
26	12	98 509	15 026,359	206 193,040	13,722	13,252	76	62	60 045	246,281	1 653,903	6,716	6,245
27	13	98 443	13 968,762	191 166,681	13,685	13,215	77	63	57 183	218,179	1 407,622	6,452	5,981
28	14	98 372	12 984,809	177 197,919	13,647	13,176	78	64	54 142	192,167	1 189,442	6,190	5,719
29	15	98 302	12 070,325	164 213,110	13,605	13,134	79	65	50 906	168,073	997,276	5,934	5,463
30	16	98 225	11 219,415	152 142,785	13,561	13,090	80	66	47 536	145,996	829,203	5,680	5,209
31	17	98 148	10 428,382	140 923,370	13,513	13,043	81	67	44 063	125,889	683,207	5,427	4,957
32	18	98 062	9 692,341	130 494,988	13,464	12,993	82	68	40 480	107,583	557,317	5,180	4,710
33	19	97 967	9 007,445	120 802,648	13,411	12,941	83	69	36 867	91,145	449,734	4,934	4,464
34	20	97 872	8 370,893	111 795,203	13,355	12,885	84	70	33 269	76,511	358,589	4,687	4,216
35	21	97 773	7 778,974	103 424,309	13,295	12,825	85	71	29 654	63,440	282,078	4,446	3,976
36	22	97 670	7 228,663	95 645,335	13,231	12,761	86	72	26 092	51,926	218,638	4,211	3,740
37	23	97 562	6 716,908	88 416,672	13,163	12,693	87	73	22 605	41,848	166,712	3,984	3,514
38	24	97 448	6 240,930	81 699,764	13,091	12,621	88	74	19 230	33,116	124,865	3,771	3,300
39	25	97 321	5 797,963	75 458,834	13,015	12,544	89	75	16 073	25,748	91,749	3,563	3,093
40	26	97 188	5 386,077	69 660,871	12,934	12,463	90	76	13 098	19,518	66,001	3,382	2,911
41	27	97 040	5 002,693	64 274,793	12,848	12,378	91	77	10 528	14,594	46,483	3,185	2,715
42	28	96 881	4 646,046	59 272,101	12,758	12,287	92	78	8 191	10,562	31,889	3,019	2,549
43	29	96 708	4 314,202	54 626,055	12,662	12,192	93	79	6 213	7,453	21,327	2,862	2,391
44	30	96 508	4 004,905	50 311,853	12,563	12,092	94	80	4 582	5,113	13,874	2,713	2,243
45	31	96 289	3 717,029	46 306,947	12,458	11,988	95	81	3 278	3,402	8,761	2,575	2,105
46	32	96 047	3 449,001	42 589,918	12,348	11,878	96	82	2 270	2,192	5,359	2,445	1,975
47	33	95 775	3 199,303	39 140,917	12,234	11,764	97	83	1 517	1,362	3,167	2,325	1,855
48	34	95 464	2 966,419	35 941,614	12,116	11,646	98	84	977	0,816	1,805	2,212	1,742
49	35	95 117	2 749,441	32 975,195	11,993	11,523	99	85	604	0,469	0,989	2,108	1,637
							100	86	358	0,259	0,520	2,010	1,540

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß   7,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	35	94 776	2 548,454	30 278,867	11,881	11,411
1							51	36	94 360	2 360,231	27 730,413	11,749	11,279
2							52	37	93 869	2 184,138	25 370,182	11,616	11,145
3							53	38	93 349	2 020,506	23 186,044	11,475	11,005
4							54	39	92 782	1 868,126	21 165,538	11,330	10,860
5							55	40	92 146	1 725,887	19 297,412	11,181	10,711
6							56	41	91 458	1 593,487	17 571,525	11,027	10,557
7							57	42	90 719	1 470,329	15 978,038	10,867	10,397
8							58	43	89 909	1 355,537	14 507,709	10,703	10,232
9							59	44	89 027	1 248,595	13 152,172	10,534	10,063
10							60	45	88 078	1 149,108	11 903,577	10,359	9,889
11							61	46	87 052	1 056,487	10 754,469	10,179	9,709
12							62	47	85 959	970,436	9 697,982	9,993	9,523
13							63	48	84 790	890,450	8 727,546	9,801	9,331
14							64	49	83 570	816,407	7 837,096	9,599	9,129
15	0	99 435	33 605,563	469 275,695	13,964	13,494	65	50	82 222	747,202	7 020,689	9,396	8,926
16	1	99 104	31 156,885	435 670,132	13,983	13,513	66	51	80 805	683,097	6 273,486	9,184	8,714
17	2	99 052	28 967,973	404 513,247	13,964	13,494	67	52	79 274	623,399	5 590,390	8,968	8,497
18	3	99 003	26 933,811	375 545,274	13,943	13,473	68	53	77 643	567,974	4 966,991	8,745	8,275
19	4	98 945	25 039,846	348 611,463	13,922	13,452	69	54	75 928	516,672	4 399,017	8,514	8,044
20	5	98 885	23 278,723	323 571,617	13,900	13,430	70	55	74 100	469,058	3 882,345	8,277	7,807
21	6	98 821	21 640,790	300 292,894	13,876	13,406	71	56	72 156	424,888	3 413,286	8,033	7,563
22	7	98 759	20 118,337	278 652,104	13,851	13,380	72	57	70 092	383,938	2 988,398	7,784	7,313
23	8	98 698	18 703,182	258 533,767	13,823	13,353	73	58	67 920	346,081	2 604,460	7,526	7,055
24	9	98 640	17 387,932	239 830,585	13,793	13,323	74	59	65 602	310,948	2 258,379	7,263	6,793
25	10	98 578	16 164,655	222 442,653	13,761	13,291	75	60	63 081	278,138	1 947,431	7,002	6,531
26	11	98 516	15 027,561	206 277,998	13,727	13,256	76	61	60 392	247,705	1 669,292	6,739	6,269
27	12	98 451	13 969,887	191 250,437	13,690	13,220	77	62	57 546	219,564	1 421,588	6,475	6,004
28	13	98 381	12 985,972	177 280,551	13,652	13,181	78	63	54 510	193,470	1 202,023	6,213	5,743
29	14	98 313	12 071,634	164 294,578	13,610	13,140	79	64	51 283	169,317	1 008,553	5,957	5,486
30	15	98 238	11 220,826	152 222,944	13,566	13,096	80	65	47 910	147,145	839,236	5,703	5,233
31	16	98 163	10 429,986	141 002,118	13,519	13,049	81	66	44 443	126,976	692,090	5,451	4,980
32	17	98 077	9 693,896	130 572,132	13,470	12,999	82	67	40 853	108,575	565,115	5,205	4,735
33	18	97 990	9 009,503	120 878,236	13,417	12,946	83	68	37 228	92,038	456,540	4,960	4,490
34	19	97 892	8 372,623	111 868,733	13,361	12,891	84	69	33 626	77,333	364,501	4,713	4,243
35	20	97 795	7 780,701	103 496,110	13,302	12,831	85	70	30 002	64,185	287,169	4,474	4,004
36	21	97 691	7 230,176	95 715,409	13,238	12,768	86	71	26 432	52,603	222,984	4,239	3,769
37	22	97 584	6 718,415	88 485,232	13,171	12,700	87	72	22 937	42,462	170,381	4,013	3,542
38	23	97 470	6 242,357	81 766,818	13,099	12,628	88	73	19 548	33,663	127,919	3,800	3,330
39	24	97 340	5 799,135	75 524,460	13,023	12,553	89	74	16 378	26,237	94,256	3,593	3,122
40	25	97 209	5 387,262	69 725,325	12,943	12,472	90	75	13 385	19,946	68,019	3,410	2,940
41	26	97 063	5 003,877	64 338,062	12,858	12,387	91	76	10 792	14,961	48,073	3,213	2,743
42	27	96 907	4 647,294	59 334,185	12,767	12,297	92	77	8 424	10,863	33,113	3,048	2,578
43	28	96 733	4 315,293	54 686,891	12,673	12,203	93	78	6 419	7,699	22,250	2,890	2,419
44	29	96 536	4 006,055	50 371,598	12,574	12,104	94	79	4 755	5,306	14,550	2,742	2,272
45	30	96 316	3 718,082	46 365,543	12,470	12,000	95	80	3 420	3,550	9,244	2,604	2,133
46	31	96 076	3 450,043	42 647,461	12,361	11,891	96	81	2 383	2,301	5,694	2,474	2,004
47	32	95 809	3 200,437	39 197,418	12,248	11,777	97	82	1 605	1,442	3,393	2,353	1,883
48	33	95 499	2 967,504	35 996,981	12,130	11,660	98	83	1 042	0,871	1,951	2,241	1,771
49	34	95 158	2 750,610	33 029,476	12,008	11,538	99	84	651	0,506	1,080	2,136	1,665
							100	85	390	0,282	0,574	2,038	1,568

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß   7,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	34	94 817	2 549,537	30 327,370	11,895	11,425
1							51	35	94 397	2 361,170	27 777,833	11,764	11,294
2							52	36	93 913	2 185,176	25 416,663	11,631	11,161
3							53	37	93 399	2 021,585	23 231,487	11,492	11,021
4							54	38	92 834	1 869,166	21 209,902	11,347	10,877
5							55	39	92 207	1 727,029	19 340,735	11,199	10,729
6							56	40	91 523	1 594,613	17 613,706	11,046	10,575
7							57	41	90 792	1 471,509	16 019,093	10,886	10,416
8							58	42	89 989	1 356,744	14 547,584	10,722	10,252
9							59	43	89 118	1 249,875	13 190,840	10,554	10,083
10							60	44	88 177	1 150,400	11 940,964	10,380	9,910
11							61	45	87 163	1 057,829	10 790,564	10,201	9,730
12							62	46	86 080	971,806	9 732,735	10,015	9,545
13							63	47	84 929	891,909	8 760,930	9,823	9,352
14							64	48	83 718	817,853	7 869,021	9,622	9,151
15							65	49	82 392	748,743	7 051,168	9,417	8,947
16	0	99 417	31 255,423	435 871,916	13,945	13,475	66	50	80 984	684,605	6 302,424	9,206	8,736
17	1	99 078	28 975,622	404 616,493	13,964	13,494	67	51	79 469	624,928	5 617,819	8,990	8,519
18	2	99 018	26 937,823	375 640,871	13,945	13,474	68	52	77 857	569,537	4 992,891	8,767	8,296
19	3	98 956	25 042,644	348 703,048	13,924	13,454	69	53	76 157	518,231	4 423,354	8,535	8,065
20	4	98 896	23 281,497	323 660,404	13,902	13,432	70	54	74 337	470,560	3 905,124	8,299	7,829
21	5	98 831	21 642,978	300 378,906	13,879	13,409	71	55	72 413	426,399	3 434,564	8,055	7,585
22	6	98 768	20 120,089	278 735,928	13,854	13,383	72	56	70 358	385,392	3 008,165	7,805	7,335
23	7	98 707	18 704,787	258 615,839	13,826	13,356	73	57	68 192	347,470	2 622,773	7,548	7,078
24	8	98 647	17 389,213	239 911,052	13,797	13,326	74	58	65 892	312,326	2 275,303	7,285	6,815
25	9	98 584	16 165,770	222 521,839	13,765	13,295	75	59	63 380	279,458	1 962,977	7,024	6,554
26	10	98 523	15 028,627	206 356,069	13,731	13,261	76	60	60 719	249,047	1 683,519	6,760	6,290
27	11	98 459	13 971,004	191 327,442	13,695	13,224	77	61	57 878	220,833	1 434,472	6,496	6,025
28	12	98 389	12 987,018	177 356,438	13,656	13,186	78	62	54 856	194,698	1 213,639	6,233	5,763
29	13	98 322	12 072,715	164 369,420	13,615	13,145	79	63	51 631	170,466	1 018,940	5,977	5,507
30	14	98 248	11 222,042	152 296,705	13,571	13,101	80	64	48 264	148,235	848,474	5,724	5,254
31	15	98 175	10 431,299	141 074,662	13,524	13,054	81	65	44 793	127,975	700,240	5,472	5,001
32	16	98 093	9 695,388	130 643,364	13,475	13,005	82	66	41 205	109,512	572,265	5,226	4,755
33	17	98 005	9 010,949	120 947,976	13,422	12,952	83	67	37 571	92,887	462,753	4,982	4,512
34	18	97 915	8 374,536	111 937,027	13,366	12,896	84	68	33 956	78,091	369,866	4,736	4,266
35	19	97 815	7 782,309	103 562,491	13,307	12,837	85	69	30 324	64,874	291,775	4,498	4,027
36	20	97 712	7 231,782	95 780,183	13,244	12,774	86	70	26 743	53,221	226,901	4,263	3,793
37	21	97 605	6 719,821	88 548,401	13,177	12,707	87	71	23 236	43,016	173,681	4,038	3,567
38	22	97 492	6 243,758	81 828,579	13,106	12,635	88	72	19 835	34,158	130,664	3,825	3,355
39	23	97 363	5 800,461	75 584,821	13,031	12,561	89	73	16 649	26,670	96,507	3,619	3,148
40	24	97 229	5 388,352	69 784,360	12,951	12,481	90	74	13 639	20,324	69,836	3,436	2,966
41	25	97 084	5 004,978	64 396,009	12,866	12,396	91	75	11 029	15,289	49,513	3,239	2,768
42	26	96 930	4 648,395	59 391,031	12,777	12,306	92	76	8 636	11,136	34,224	3,073	2,603
43	27	96 759	4 316,453	54 742,636	12,682	12,212	93	77	6 602	7,919	23,088	2,916	2,445
44	28	96 560	4 007,068	50 426,183	12,584	12,114	94	78	4 912	5,482	15,169	2,767	2,297
45	29	96 344	3 719,149	46 419,115	12,481	12,011	95	79	3 549	3,684	9,688	2,629	2,159
46	30	96 103	3 451,020	42 699,966	12,373	11,903	96	80	2 487	2,401	6,003	2,500	2,030
47	31	95 838	3 201,404	39 248,946	12,260	11,790	97	81	1 685	1,514	3,602	2,379	1,909
48	32	95 533	2 968,557	36 047,542	12,143	11,673	98	82	1 103	0,921	2,088	2,266	1,796
49	33	95 192	2 751,616	33 078,986	12,022	11,551	99	83	694	0,540	1,167	2,162	1,691
							100	84	420	0,304	0,627	2,063	1,593

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß   7,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	33	94 851	2 550,469	30 371,601	11,908	11,438
1							51	34	94 437	2 362,173	27 821,132	11,778	11,307
2							52	35	93 951	2 186,046	25 458,959	11,646	11,176
3							53	36	93 443	2 022,546	23 272,913	11,507	11,036
4							54	37	92 883	1 870,164	21 250,366	11,363	10,893
5							55	38	92 259	1 727,991	19 380,202	11,215	10,745
6							56	39	91 583	1 595,669	17 652,211	11,063	10,592
7							57	40	90 856	1 472,549	16 056,542	10,904	10,434
8							58	41	90 061	1 357,833	14 583,993	10,741	10,270
9							59	42	89 198	1 250,989	13 226,161	10,573	10,102
10							60	43	88 268	1 151,579	11 975,172	10,399	9,929
11							61	44	87 261	1 059,019	10 823,593	10,220	9,750
12							62	45	86 190	973,041	9 764,574	10,035	9,565
13							63	46	85 048	893,167	8 791,533	9,843	9,373
14							64	47	83 855	819,193	7 898,366	9,642	9,171
15							65	48	82 538	750,070	7 079,173	9,438	8,968
16							66	49	81 151	686,017	6 329,104	9,226	8,756
17	0	99 391	29 067,262	404 802,308	13,926	13,456	67	50	79 644	626,308	5 643,087	9,010	8,540
18	1	99 044	26 944,935	375 735,046	13,945	13,474	68	51	78 048	570,934	5 016,780	8,787	8,317
19	2	98 970	25 046,375	348 790,111	13,926	13,455	69	52	76 366	519,657	4 445,845	8,555	8,085
20	3	98 907	23 284,099	323 743,736	13,904	13,434	70	53	74 562	471,979	3 926,188	8,319	7,848
21	4	98 843	21 645,558	300 459,637	13,881	13,411	71	54	72 645	427,764	3 454,209	8,075	7,605
22	5	98 778	20 122,123	278 814,079	13,856	13,386	72	55	70 608	386,762	3 026,445	7,825	7,355
23	6	98 715	18 706,416	258 691,957	13,829	13,359	73	56	68 450	348,786	2 639,683	7,568	7,098
24	7	98 655	17 390,706	239 985,540	13,800	13,329	74	57	66 157	313,580	2 290,897	7,306	6,835
25	8	98 592	16 166,961	222 594,834	13,769	13,298	75	58	63 661	280,696	1 977,318	7,044	6,574
26	9	98 530	15 029,664	206 427,874	13,735	13,264	76	59	61 007	250,229	1 696,621	6,780	6,310
27	10	98 466	13 971,995	191 398,210	13,699	13,228	77	60	58 192	222,030	1 446,393	6,514	6,044
28	11	98 397	12 988,056	177 426,214	13,661	13,190	78	61	55 173	195,824	1 224,363	6,252	5,782
29	12	98 330	12 073,687	164 438,158	13,620	13,149	79	62	51 958	171,548	1 028,539	5,996	5,525
30	13	98 257	11 223,048	152 364,471	13,576	13,106	80	63	48 592	149,240	856,991	5,742	5,272
31	14	98 186	10 432,429	141 141,423	13,529	13,059	81	64	45 125	128,923	707,751	5,490	5,019
32	15	98 105	9 696,608	130 708,993	13,480	13,010	82	65	41 530	110,374	578,828	5,244	4,774
33	16	98 020	9 012,336	121 012,386	13,427	12,957	83	66	37 895	93,688	468,455	5,000	4,530
34	17	97 931	8 375,880	112 000,050	13,372	12,901	84	67	34 269	78,811	374,767	4,755	4,285
35	18	97 837	7 784,087	103 624,170	13,312	12,842	85	68	30 622	65,510	295,956	4,518	4,047
36	19	97 733	7 233,276	95 840,084	13,250	12,780	86	69	27 030	53,792	230,446	4,284	3,814
37	20	97 626	6 721,313	88 606,808	13,183	12,713	87	70	23 509	43,521	176,654	4,059	3,589
38	21	97 512	6 245,065	81 885,495	13,112	12,642	88	71	20 094	34,603	133,133	3,847	3,377
39	22	97 385	5 801,763	75 640,430	13,037	12,567	89	72	16 893	27,062	98,529	3,641	3,171
40	23	97 251	5 389,584	69 838,667	12,958	12,488	90	73	13 864	20,660	71,467	3,459	2,989
41	24	97 104	5 005,990	64 449,083	12,874	12,404	91	74	11 238	15,579	50,807	3,261	2,791
42	25	96 951	4 649,417	59 443,093	12,785	12,315	92	75	8 825	11,380	35,229	3,096	2,625
43	26	96 782	4 317,475	54 793,676	12,691	12,221	93	76	6 767	8,118	23,849	2,938	2,468
44	27	96 586	4 008,145	50 476,202	12,593	12,123	94	77	5 053	5,638	15,731	2,790	2,320
45	28	96 368	3 720,090	46 468,057	12,491	12,021	95	78	3 667	3,806	10,093	2,652	2,181
46	29	96 131	3 452,010	42 747,967	12,383	11,913	96	79	2 581	2,492	6,287	2,523	2,053
47	30	95 865	3 202,310	39 295,957	12,271	11,801	97	80	1 759	1,580	3,795	2,402	1,932
48	31	95 561	2 969,454	36 093,646	12,155	11,685	98	81	1 158	0,967	2,215	2,290	1,819
49	32	95 226	2 752,591	33 124,193	12,034	11,564	99	82	735	0,571	1,248	2,184	1,714
							100	83	448	0,324	0,676	2,087	1,616

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß   7,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	32	94 885	2 551,374	30 411,984	11,920	11,450
1							51	33	94 472	2 363,037	27 860,610	11,790	11,320
2							52	34	93 990	2 186,975	25 497,573	11,659	11,189
3							53	35	93 480	2 023,351	23 310,598	11,521	11,051
4							54	36	92 927	1 871,053	21 287,247	11,377	10,907
5							55	37	92 308	1 728,914	19 416,193	11,230	10,760
6							56	38	91 634	1 596,558	17 687,279	11,078	10,608
7							57	39	90 916	1 473,523	16 090,722	10,920	10,450
8							58	40	90 125	1 358,792	14 617,198	10,757	10,287
9							59	41	89 269	1 251,992	13 258,406	10,590	10,120
10							60	42	88 346	1 152,605	12 006,414	10,417	9,946
11							61	43	87 350	1 060,104	10 853,809	10,238	9,768
12							62	44	86 287	974,135	9 793,704	10,054	9,583
13							63	45	85 156	894,303	8 819,570	9,862	9,392
14							64	46	83 973	820,349	7 925,267	9,661	9,191
15							65	47	82 673	751,298	7 104,918	9,457	8,987
16							66	48	81 295	687,232	6 353,621	9,245	8,775
17							67	49	79 809	627,599	5 666,389	9,029	8,558
18	0	99 358	27 030,153	375 906,157	13,907	13,437	68	50	78 220	572,195	5 038,789	8,806	8,336
19	1	98 997	25 052,988	348 876,004	13,926	13,455	69	51	76 553	520,932	4 466,595	8,574	8,104
20	2	98 922	23 287,567	323 823,016	13,905	13,435	70	52	74 767	473,278	3 945,663	8,337	7,867
21	3	98 854	21 647,977	300 535,449	13,883	13,413	71	53	72 864	429,054	3 472,385	8,093	7,623
22	4	98 790	20 124,521	278 887,472	13,858	13,388	72	54	70 834	388,001	3 043,331	7,844	7,373
23	5	98 725	18 708,307	258 762,951	13,831	13,361	73	55	68 694	350,026	2 655,330	7,586	7,116
24	6	98 664	17 392,220	240 054,644	13,802	13,332	74	56	66 407	314,767	2 305,305	7,324	6,854
25	7	98 600	16 168,348	222 662,423	13,772	13,301	75	57	63 916	281,823	1 990,538	7,063	6,593
26	8	98 537	15 030,771	206 494,075	13,738	13,268	76	58	61 277	251,337	1 708,715	6,798	6,328
27	9	98 473	13 972,959	191 463,304	13,702	13,232	77	59	58 468	223,083	1 457,377	6,533	6,063
28	10	98 404	12 988,978	177 490,345	13,665	13,194	78	60	55 472	196,885	1 234,294	6,269	5,799
29	11	98 338	12 074,653	164 501,366	13,624	13,153	79	61	52 259	172,540	1 037,409	6,013	5,542
30	12	98 265	11 223,951	152 426,713	13,580	13,110	80	62	48 900	150,188	864,870	5,759	5,288
31	13	98 194	10 433,364	141 202,762	13,534	13,063	81	63	45 431	129,797	714,682	5,506	5,036
32	14	98 116	9 697,659	130 769,398	13,485	13,014	82	64	41 837	111,191	584,885	5,260	4,790
33	15	98 033	9 013,470	121 071,739	13,432	12,962	83	65	38 194	94,426	473,694	5,017	4,546
34	16	97 946	8 377,169	112 058,270	13,377	12,906	84	66	34 564	79,491	379,268	4,771	4,301
35	17	97 853	7 785,336	103 681,101	13,317	12,847	85	67	30 904	66,114	299,778	4,534	4,064
36	18	97 755	7 234,928	95 895,765	13,255	12,784	86	68	27 295	54,319	233,664	4,302	3,831
37	19	97 647	6 722,702	88 660,837	13,188	12,718	87	69	23 762	43,989	179,345	4,077	3,607
38	20	97 534	6 246,452	81 938,135	13,118	12,647	88	70	20 330	35,010	135,356	3,866	3,396
39	21	97 405	5 802,977	75 691,684	13,044	12,573	89	71	17 114	27,415	100,346	3,660	3,190
40	22	97 273	5 390,793	69 888,706	12,964	12,494	90	72	14 068	20,963	72,931	3,479	3,009
41	23	97 126	5 007,134	64 497,913	12,881	12,411	91	73	11 424	15,836	51,968	3,282	2,811
42	24	96 971	4 650,357	59 490,779	12,793	12,322	92	74	8 993	11,596	36,132	3,116	2,646
43	25	96 803	4 318,425	54 840,422	12,699	12,229	93	75	6 916	8,296	24,536	2,958	2,487
44	26	96 609	4 009,094	50 521,997	12,602	12,132	94	76	5 179	5,779	16,240	2,810	2,340
45	27	96 394	3 721,089	46 512,903	12,500	12,030	95	77	3 772	3,915	10,461	2,672	2,202
46	28	96 155	3 452,883	42 791,814	12,393	11,923	96	78	2 666	2,574	6,546	2,543	2,073
47	29	95 893	3 203,229	39 338,931	12,281	11,811	97	79	1 825	1,639	3,972	2,423	1,953
48	30	95 589	2 970,294	36 135,701	12,166	11,695	98	80	1 208	1,010	2,332	2,310	1,840
49	31	95 255	2 753,423	33 165,407	12,045	11,575	99	81	772	0,600	1,323	2,205	1,735
							100	82	475	0,343	0,723	2,107	1,637

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß   7,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
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18						
19	0	99 310	25 132,222	349 033,569	13,888	13,418
20	1	98 948	23 293,716	323 901,347	13,905	13,435
21	2	98 869	21 651,201	300 607,631	13,884	13,414
22	3	98 801	20 126,770	278 956,429	13,860	13,390
23	4	98 737	18 710,537	258 829,659	13,833	13,363
24	5	98 674	17 393,978	240 119,122	13,805	13,334
25	6	98 609	16 169,757	222 725,144	13,774	13,304
26	7	98 546	15 032,061	206 555,387	13,741	13,271
27	8	98 480	13 973,988	191 523,326	13,706	13,235
28	9	98 411	12 989,874	177 549,337	13,668	13,198
29	10	98 345	12 075,510	164 559,463	13,628	13,157
30	11	98 273	11 224,849	152 483,953	13,584	13,114
31	12	98 202	10 434,204	141 259,104	13,538	13,068
32	13	98 124	9 698,528	130 824,900	13,489	13,019
33	14	98 043	9 014,447	121 126,373	13,437	12,967
34	15	97 958	8 378,223	112 111,926	13,381	12,911
35	16	97 868	7 786,534	103 733,704	13,322	12,852
36	17	97 771	7 236,090	95 947,170	13,260	12,789
37	18	97 669	6 724,238	88 711,080	13,193	12,722
38	19	97 554	6 247,742	81 986,842	13,123	12,652
39	20	97 427	5 804,266	75 739,100	13,049	12,579
40	21	97 293	5 391,921	69 934,835	12,970	12,500
41	22	97 148	5 008,258	64 542,913	12,887	12,417
42	23	96 993	4 651,421	59 534,655	12,799	12,329
43	24	96 823	4 319,298	54 883,235	12,707	12,236
44	25	96 630	4 009,976	50 563,937	12,610	12,139
45	26	96 417	3 721,970	46 553,961	12,508	12,038
46	27	96 181	3 453,811	42 831,991	12,401	11,931
47	28	95 917	3 204,040	39 378,180	12,290	11,820
48	29	95 616	2 971,147	36 174,140	12,175	11,705
49	30	95 282	2 754,203	33 202,993	12,055	11,585
50	31	94 914	2 552,144	30 448,791	11,931	11,460
51	32	94 505	2 363,875	27 896,646	11,801	11,331
52	33	94 025	2 187,775	25 532,771	11,671	11,200
53	34	93 520	2 024,211	23 344,996	11,533	11,063
54	35	92 964	1 871,798	21 320,785	11,391	10,920
55	36	92 352	1 729,736	19 448,987	11,244	10,774
56	37	91 683	1 597,410	17 719,251	11,092	10,622
57	38	90 966	1 474,344	16 121,841	10,935	10,465
58	39	90 184	1 359,692	14 647,497	10,773	10,302
59	40	89 332	1 252,877	13 287,805	10,606	10,136
60	41	88 417	1 153,530	12 034,928	10,433	9,963
61	42	87 428	1 061,049	10 881,398	10,255	9,785
62	43	86 375	975,133	9 820,350	10,071	9,600
63	44	85 252	895,308	8 845,217	9,880	9,409
64	45	84 080	821,391	7 949,908	9,679	9,208
65	46	82 789	752,358	7 128,517	9,475	9,005
66	47	81 428	688,357	6 376,159	9,263	8,793
67	48	79 950	628,711	5 687,802	9,047	8,576
68	49	78 382	573,375	5 059,091	8,823	8,353
69	50	76 722	522,082	4 485,716	8,592	8,122
70	51	74 950	474,439	3 963,634	8,354	7,884
71	52	73 065	430,235	3 489,195	8,110	7,640
72	53	71 048	389,171	3 058,960	7,860	7,390
73	54	68 914	351,146	2 669,790	7,603	7,133
74	55	66 643	315,886	2 318,643	7,340	6,870
75	56	64 158	282,890	2 002,757	7,080	6,609
76	57	61 523	252,346	1 719,867	6,816	6,345
77	58	58 727	224,072	1 467,521	6,549	6,079
78	59	55 735	197,819	1 243,449	6,286	5,816
79	60	52 542	173,475	1 045,630	6,028	5,557
80	61	49 183	151,056	872,156	5,774	5,303
81	62	45 719	130,621	721,100	5,521	5,050
82	63	42 121	111,945	590,479	5,275	4,804
83	64	38 477	95,125	478,534	5,031	4,560
84	65	34 836	80,116	383,409	4,786	4,315
85	66	31 170	66,684	303,293	4,548	4,078
86	67	27 547	54,820	236,609	4,316	3,846
87	68	23 995	44,420	181,789	4,093	3,622
88	69	20 548	35,385	137,369	3,882	3,412
89	70	17 315	27,737	101,983	3,677	3,207
90	71	14 251	21,237	74,246	3,496	3,026
91	72	11 592	16,069	53,010	3,299	2,829
92	73	9 141	11,788	36,941	3,134	2,664
93	74	7 047	8,453	25,153	2,976	2,505
94	75	5 293	5,906	16,700	2,828	2,357
95	76	3 866	4,013	10,794	2,690	2,219
96	77	2 742	2,648	6,781	2,561	2,091
97	78	1 886	1,694	4,133	2,440	1,970
98	79	1 254	1,048	2,440	2,329	1,858
99	80	805	0,626	1,392	2,224	1,753
100	81	498	0,360	0,766	2,126	1,656

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß 7,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	30	94 940	2 552,867	30 482,350	11,940	11,470
1							51	31	94 534	2 364,590	27 929,483	11,812	11,341
2							52	32	94 058	2 188,551	25 564,894	11,681	11,211
3							53	33	93 554	2 024,951	23 376,343	11,544	11,074
4							54	34	93 004	1 872,593	21 351,392	11,402	10,932
5							55	35	92 389	1 730,424	19 478,798	11,257	10,786
6							56	36	91 727	1 598,170	17 748,374	11,105	10,635
7							57	37	91 015	1 475,131	16 150,204	10,948	10,478
8							58	38	90 235	1 360,449	14 675,073	10,787	10,317
9							59	39	89 391	1 253,706	13 314,624	10,620	10,150
10							60	40	88 480	1 154,345	12 060,917	10,448	9,978
11							61	41	87 498	1 061,900	10 906,573	10,271	9,801
12							62	42	86 452	976,002	9 844,673	10,087	9,616
13							63	43	85 340	896,226	8 868,671	9,896	9,425
14							64	44	84 174	822,315	7 972,445	9,695	9,225
15							65	45	82 895	753,314	7 150,130	9,492	9,021
16							66	46	81 543	689,329	6 396,816	9,280	8,809
17							67	47	80 081	629,741	5 707,487	9,063	8,593
18							68	48	78 520	574,390	5 077,747	8,840	8,370
19							69	49	76 881	523,158	4 503,356	8,608	8,138
20	0	99 261	23 367,386	324 046,442	13,867	13,397	70	50	75 116	475,487	3 980,198	8,371	7,901
21	1	98 895	21 656,918	300 679,056	13,884	13,413	71	51	73 244	431,290	3 504,711	8,126	7,656
22	2	98 815	20 129,768	279 022,138	13,861	13,391	72	52	71 243	390,242	3 073,421	7,876	7,405
23	3	98 748	18 712,628	258 892,369	13,835	13,365	73	53	69 122	352,205	2 683,179	7,618	7,148
24	4	98 686	17 396,052	240 179,741	13,807	13,336	74	54	66 857	316,897	2 330,974	7,356	6,885
25	5	98 619	16 171,391	222 783,690	13,776	13,306	75	55	64 386	283,896	2 014,076	7,094	6,624
26	6	98 554	15 033,370	206 612,298	13,744	13,273	76	56	61 756	253,302	1 730,181	6,831	6,360
27	7	98 489	13 975,188	191 578,928	13,709	13,238	77	57	58 963	224,971	1 476,879	6,565	6,094
28	8	98 418	12 990,831	177 603,740	13,671	13,201	78	58	55 982	198,695	1 251,908	6,301	5,830
29	9	98 351	12 076,343	164 612,909	13,631	13,161	79	59	52 791	174,298	1 053,213	6,043	5,572
30	10	98 280	11 225,646	152 536,566	13,588	13,118	80	60	49 449	151,874	878,915	5,787	5,317
31	11	98 210	10 435,038	141 310,921	13,542	13,072	81	61	45 983	131,376	727,041	5,534	5,064
32	12	98 132	9 699,308	130 875,882	13,493	13,023	82	62	42 388	112,656	595,665	5,287	4,817
33	13	98 052	9 015,254	121 176,574	13,441	12,971	83	63	38 738	95,770	483,009	5,043	4,573
34	14	97 969	8 379,131	112 161,320	13,386	12,916	84	64	35 094	80,710	387,239	4,798	4,328
35	15	97 880	7 787,514	103 782,189	13,327	12,856	85	65	31 416	67,209	306,529	4,561	4,091
36	16	97 786	7 237,203	95 994,675	13,264	12,794	86	66	27 784	55,293	239,320	4,328	3,858
37	17	97 685	6 725,317	88 757,472	13,198	12,727	87	67	24 216	44,829	184,027	4,105	3,635
38	18	97 576	6 249,169	82 032,155	13,127	12,657	88	68	20 749	35,732	139,198	3,896	3,425
39	19	97 447	5 805,465	75 782,986	13,054	12,583	89	69	17 501	28,035	103,466	3,691	3,220
40	20	97 315	5 393,119	69 977,521	12,975	12,505	90	70	14 418	21,486	75,431	3,511	3,040
41	21	97 168	5 009,306	64 584,403	12,893	12,423	91	71	11 743	16,278	53,945	3,314	2,844
42	22	97 015	4 652,464	59 575,096	12,805	12,335	92	72	9 275	11,961	37,666	3,149	2,679
43	23	96 845	4 320,285	54 922,632	12,713	12,242	93	73	7 163	8,593	25,706	2,992	2,521
44	24	96 650	4 010,787	50 602,347	12,617	12,146	94	74	5 393	6,018	17,113	2,844	2,373
45	25	96 438	3 722,789	46 591,560	12,515	12,045	95	75	3 951	4,101	11,095	2,705	2,235
46	26	96 203	3 454,629	42 868,771	12,409	11,939	96	76	2 811	2,714	6,994	2,577	2,106
47	27	95 943	3 204,901	39 414,142	12,298	11,828	97	77	1 939	1,742	4,279	2,457	1,986
48	28	95 640	2 971,898	36 209,242	12,184	11,714	98	78	1 295	1,082	2,537	2,344	1,874
49	29	95 309	2 754,993	33 237,343	12,064	11,594	99	79	836	0,650	1,455	2,240	1,770
							100	80	520	0,376	0,806	2,142	1,672

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß   7,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
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20						
21	0	99 208	21 725,411	300 812,668	13,846	13,376
22	1	98 842	20 135,083	279 087,256	13,861	13,390
23	2	98 763	18 715,416	258 952,173	13,836	13,366
24	3	98 697	17 397,996	240 236,758	13,808	13,338
25	4	98 630	16 173,319	222 838,762	13,778	13,308
26	5	98 564	15 034,890	206 665,443	13,746	13,275
27	6	98 497	13 976,405	191 630,553	13,711	13,241
28	7	98 426	12 991,946	177 654,148	13,674	13,204
29	8	98 359	12 077,232	164 662,202	13,634	13,164
30	9	98 287	11 226,420	152 584,970	13,592	13,121
31	10	98 217	10 435,779	141 358,550	13,546	13,075
32	11	98 140	9 700,084	130 922,771	13,497	13,027
33	12	98 060	9 015,980	121 222,687	13,445	12,975
34	13	97 977	8 379,881	112 206,707	13,390	12,920
35	14	97 891	7 788,358	103 826,825	13,331	12,861
36	15	97 798	7 238,114	96 038,468	13,268	12,798
37	16	97 700	6 726,352	88 800,354	13,202	12,732
38	17	97 592	6 250,172	82 074,002	13,131	12,661
39	18	97 469	5 806,791	75 823,830	13,058	12,588
40	19	97 335	5 394,233	70 017,039	12,980	12,510
41	20	97 190	5 010,419	64 622,806	12,898	12,427
42	21	97 035	4 653,438	59 612,387	12,810	12,340
43	22	96 867	4 321,255	54 958,949	12,718	12,248
44	23	96 672	4 011,704	50 637,694	12,622	12,152
45	24	96 458	3 723,542	46 625,991	12,522	12,052
46	25	96 225	3 455,389	42 902,449	12,416	11,946
47	26	95 966	3 205,659	39 447,060	12,305	11,835
48	27	95 666	2 972,697	36 241,401	12,191	11,721
49	28	95 333	2 755,690	33 268,704	12,073	11,602
50	29	94 968	2 553,600	30 513,014	11,949	11,479
51	30	94 561	2 365,259	27 959,415	11,821	11,351
52	31	94 087	2 189,212	25 594,155	11,691	11,221
53	32	93 587	2 025,669	23 404,944	11,554	11,084
54	33	93 038	1 873,278	21 379,274	11,413	10,942
55	34	92 428	1 731,160	19 505,996	11,268	10,797
56	35	91 763	1 598,806	17 774,836	11,118	10,647
57	36	91 058	1 475,833	16 176,031	10,961	10,490
58	37	90 283	1 361,176	14 700,198	10,800	10,329
59	38	89 441	1 254,405	13 339,022	10,634	10,163
60	39	88 538	1 155,109	12 084,618	10,462	9,992
61	40	87 560	1 062,650	10 929,508	10,285	9,815
62	41	86 521	976,785	9 866,858	10,101	9,631
63	42	85 416	897,024	8 890,073	9,911	9,440
64	43	84 261	823,158	7 993,049	9,710	9,240
65	44	82 988	754,161	7 169,892	9,507	9,037
66	45	81 646	690,205	6 415,730	9,295	8,825
67	46	80 194	630,629	5 725,526	9,079	8,609
68	47	78 649	575,331	5 094,896	8,856	8,385
69	48	77 017	524,085	4 519,565	8,624	8,153
70	49	75 271	476,467	3 995,480	8,386	7,915
71	50	73 405	432,242	3 519,013	8,141	7,671
72	51	71 418	391,199	3 086,771	7,891	7,420
73	52	69 312	353,175	2 695,571	7,632	7,162
74	53	67 058	317,853	2 342,396	7,369	6,899
75	54	64 592	284,805	2 024,543	7,109	6,638
76	55	61 976	254,202	1 739,739	6,844	6,374
77	56	59 186	225,823	1 485,537	6,578	6,108
78	57	56 207	199,493	1 259,714	6,315	5,844
79	58	53 025	175,070	1 060,221	6,056	5,586
80	59	49 684	152,595	885,151	5,801	5,330
81	60	46 233	132,088	732,556	5,546	5,076
82	61	42 633	113,307	600,468	5,299	4,829
83	62	38 983	96,378	487,161	5,055	4,584
84	63	35 332	81,257	390,783	4,809	4,339
85	64	31 648	67,707	309,526	4,572	4,101
86	65	28 003	55,728	241,820	4,339	3,869
87	66	24 425	45,216	186,091	4,116	3,645
88	67	20 941	36,062	140,875	3,907	3,436
89	68	17 672	28,310	104,814	3,702	3,232
90	69	14 573	21,717	76,504	3,523	3,053
91	70	11 881	16,469	54,787	3,327	2,856
92	71	9 396	12,117	38,318	3,162	2,692
93	72	7 269	8,719	26,201	3,005	2,535
94	73	5 483	6,118	17,482	2,858	2,387
95	74	4 026	4,179	11,364	2,719	2,249
96	75	2 873	2,774	7,185	2,590	2,120
97	76	1 988	1,786	4,412	2,471	2,000
98	77	1 332	1,113	2,626	2,359	1,889
99	78	863	0,671	1,513	2,254	1,784
100	79	540	0,390	0,842	2,157	1,687

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß   7,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	28	94 992	2 554,245	30 541,002	11,957	11,487
1							51	29	94 588	2 365,938	27 986,757	11,829	11,359
2							52	30	94 113	2 189,832	25 620,819	11,700	11,230
3							53	31	93 616	2 026,281	23 430,988	11,564	11,093
4							54	32	93 071	1 873,943	21 404,706	11,422	10,952
5							55	33	92 462	1 731,793	19 530,764	11,278	10,807
6							56	34	91 802	1 599,485	17 798,971	11,128	10,658
7							57	35	91 095	1 476,420	16 199,486	10,972	10,502
8							58	36	90 326	1 361,823	14 723,066	10,811	10,341
9							59	37	89 489	1 255,075	13 361,243	10,646	10,175
10							60	38	88 588	1 155,752	12 106,168	10,475	10,004
11							61	39	87 618	1 063,354	10 950,416	10,298	9,828
12							62	40	86 583	977,475	9 887,062	10,115	9,645
13							63	41	85 484	897,744	8 909,587	9,924	9,454
14							64	42	84 336	823,891	8 011,843	9,724	9,254
15							65	43	83 073	754,934	7 187,952	9,521	9,051
16							66	44	81 738	690,981	6 433,018	9,310	8,840
17							67	45	80 296	631,431	5 742,037	9,094	8,623
18							68	46	78 760	576,143	5 110,606	8,870	8,400
19							69	47	77 143	524,944	4 534,464	8,638	8,168
20							70	48	75 404	477,311	4 009,520	8,400	7,930
21							71	49	73 557	433,134	3 532,209	8,155	7,685
22	0	99 154	20 198,764	279 210,297	13,823	13,353	72	50	71 576	392,063	3 099,075	7,905	7,434
23	1	98 789	18 720,357	259 011,533	13,836	13,366	73	51	69 482	354,041	2 707,012	7,646	7,176
24	2	98 711	17 400,587	240 291,176	13,809	13,339	74	52	67 243	318,728	2 352,971	7,382	6,912
25	3	98 641	16 175,126	222 890,589	13,780	13,310	75	53	64 787	285,663	2 034,243	7,121	6,651
26	4	98 576	15 036,682	206 715,463	13,747	13,277	76	54	62 174	255,016	1 748,580	6,857	6,386
27	5	98 507	13 977,818	191 678,781	13,713	13,243	77	55	59 397	226,626	1 493,564	6,590	6,120
28	6	98 435	12 993,078	177 700,963	13,677	13,206	78	56	56 419	200,248	1 266,938	6,327	5,857
29	7	98 367	12 078,269	164 707,885	13,637	13,166	79	57	53 238	175,773	1 066,689	6,069	5,598
30	8	98 294	11 227,247	152 629,616	13,595	13,124	80	58	49 904	153,271	890,917	5,813	5,342
31	9	98 224	10 436,499	141 402,370	13,549	13,079	81	59	46 452	132,715	737,646	5,558	5,088
32	10	98 147	9 700,773	130 965,871	13,501	13,030	82	60	42 864	113,921	604,931	5,310	4,840
33	11	98 068	9 016,701	121 265,098	13,449	12,979	83	61	39 209	96,935	491,010	5,065	4,595
34	12	97 985	8 380,556	112 248,397	13,394	12,924	84	62	35 557	81,773	394,075	4,819	4,349
35	13	97 900	7 789,055	103 867,841	13,335	12,865	85	63	31 863	68,166	312,303	4,582	4,111
36	14	97 809	7 238,898	96 078,786	13,273	12,802	86	64	28 210	56,141	244,137	4,349	3,878
37	15	97 712	6 727,198	88 839,887	13,206	12,736	87	65	24 617	45,572	187,996	4,125	3,655
38	16	97 607	6 251,134	82 112,689	13,136	12,665	88	66	21 121	36,373	142,424	3,916	3,445
39	17	97 485	5 807,723	75 861,555	13,062	12,592	89	67	17 835	28,571	106,051	3,712	3,242
40	18	97 357	5 395,465	70 053,832	12,984	12,514	90	68	14 716	21,930	77,480	3,533	3,063
41	19	97 210	5 011,454	64 658,367	12,902	12,432	91	69	12 008	16,646	55,551	3,337	2,867
42	20	97 057	4 654,471	59 646,913	12,815	12,345	92	70	9 507	12,259	38,904	3,174	2,703
43	21	96 887	4 322,159	54 992,442	12,723	12,253	93	71	7 364	8,833	26,645	3,017	2,546
44	22	96 694	4 012,604	50 670,282	12,628	12,158	94	72	5 563	6,208	17,813	2,870	2,399
45	23	96 480	3 724,393	46 657,679	12,528	12,057	95	73	4 092	4,248	11,605	2,732	2,262
46	24	96 244	3 456,088	42 933,286	12,423	11,952	96	74	2 927	2,826	7,357	2,603	2,133
47	25	95 987	3 206,365	39 477,198	12,312	11,842	97	75	2 032	1,825	4,531	2,483	2,013
48	26	95 688	2 973,401	36 270,833	12,198	11,728	98	76	1 366	1,141	2,706	2,371	1,901
49	27	95 359	2 756,430	33 297,433	12,080	11,610	99	77	888	0,690	1,565	2,267	1,797
							100	78	557	0,403	0,875	2,170	1,699

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß   7,50%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	27	95 017	2 554,932	30 566,639	11,964	11,493
1							51	28	94 612	2 366,536	28 011,707	11,837	11,366
2							52	29	94 140	2 190,460	25 645,170	11,708	11,237
3							53	30	93 642	2 026,855	23 454,710	11,572	11,102
4							54	31	93 099	1 874,509	21 427,855	11,431	10,961
5							55	32	92 494	1 732,407	19 553,347	11,287	10,817
6							56	33	91 836	1 600,070	17 820,940	11,138	10,667
7							57	34	91 133	1 477,047	16 220,870	10,982	10,512
8							58	35	90 362	1 362,365	14 743,822	10,822	10,352
9							59	36	89 531	1 255,671	13 381,457	10,657	10,187
10							60	37	88 635	1 156,370	12 125,786	10,486	10,016
11							61	38	87 667	1 063,946	10 969,416	10,310	9,840
12							62	39	86 640	978,122	9 905,470	10,127	9,657
13							63	40	85 545	898,378	8 927,348	9,937	9,467
14							64	41	84 403	824,552	8 028,970	9,737	9,267
15							65	42	83 147	755,607	7 204,418	9,535	9,064
16							66	43	81 822	691,689	6 448,811	9,323	8,853
17							67	44	80 386	632,141	5 757,122	9,107	8,637
18							68	45	78 860	576,875	5 124,982	8,884	8,414
19							69	46	77 252	525,684	4 548,107	8,652	8,182
20							70	47	75 527	478,093	4 022,422	8,413	7,943
21							71	48	73 687	433,901	3 544,329	8,169	7,698
22							72	49	71 723	392,871	3 110,428	7,917	7,447
23	0	99 101	18 779,563	259 124,841	13,798	13,328	73	50	69 635	354,823	2 717,557	7,659	7,189
24	1	98 737	17 405,182	240 345,278	13,809	13,339	74	51	67 408	319,510	2 362,734	7,395	6,925
25	2	98 656	16 177,535	222 940,096	13,781	13,311	75	52	64 966	286,450	2 043,224	7,133	6,663
26	3	98 587	15 038,362	206 762,561	13,749	13,279	76	53	62 362	255,785	1 756,774	6,868	6,398
27	4	98 519	13 979,484	191 724,198	13,715	13,244	77	54	59 587	227,351	1 500,989	6,602	6,132
28	5	98 445	12 994,391	177 744,714	13,679	13,208	78	55	56 620	200,960	1 273,638	6,338	5,867
29	6	98 376	12 079,321	164 750,323	13,639	13,169	79	56	53 439	176,438	1 072,678	6,080	5,609
30	7	98 302	11 228,211	152 671,002	13,597	13,127	80	57	50 104	153,886	896,240	5,824	5,354
31	8	98 231	10 437,268	141 442,792	13,552	13,081	81	58	46 658	133,303	742,354	5,569	5,099
32	9	98 154	9 701,442	131 005,524	13,504	13,033	82	59	43 068	114,461	609,051	5,321	4,851
33	10	98 075	9 017,341	121 304,082	13,452	12,982	83	60	39 421	97,460	494,590	5,075	4,605
34	11	97 993	8 381,226	112 286,741	13,397	12,927	84	61	35 762	82,246	397,129	4,829	4,358
35	12	97 908	7 789,683	103 905,515	13,339	12,869	85	62	32 065	68,599	314,884	4,590	4,120
36	13	97 817	7 239,547	96 115,833	13,276	12,806	86	63	28 402	56,522	246,285	4,357	3,887
37	14	97 722	6 727,927	88 876,286	13,210	12,740	87	64	24 799	45,909	189,763	4,133	3,663
38	15	97 619	6 251,921	82 148,359	13,140	12,669	88	65	21 288	36,659	143,854	3,924	3,454
39	16	97 500	5 808,617	75 896,438	13,066	12,596	89	66	17 989	28,817	107,195	3,720	3,250
40	17	97 373	5 396,331	70 087,821	12,988	12,518	90	67	14 852	22,132	78,378	3,541	3,071
41	18	97 232	5 012,599	64 691,490	12,906	12,435	91	68	12 126	16,809	56,246	3,346	2,876
42	19	97 077	4 655,433	59 678,891	12,819	12,349	92	69	9 609	12,391	39,437	3,183	2,712
43	20	96 908	4 323,119	55 023,458	12,728	12,257	93	70	7 450	8,937	27,046	3,026	2,556
44	21	96 714	4 013,444	50 700,339	12,633	12,162	94	71	5 636	6,288	18,109	2,880	2,409
45	22	96 501	3 725,229	46 686,896	12,533	12,062	95	72	4 153	4,310	11,821	2,742	2,272
46	23	96 266	3 456,878	42 961,667	12,428	11,958	96	73	2 975	2,873	7,510	2,614	2,144
47	24	96 006	3 207,013	39 504,789	12,318	11,848	97	74	2 070	1,859	4,637	2,494	2,024
48	25	95 710	2 974,055	36 297,776	12,205	11,735	98	75	1 396	1,166	2,778	2,382	1,912
49	26	95 382	2 757,083	33 323,721	12,087	11,616	99	76	910	0,708	1,612	2,278	1,808
							100	77	573	0,415	0,904	2,181	1,711

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß   7,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	26	95 040	2 555,537	30 590,093	11,970	11,500
1							51	27	94 637	2 367,172	28 034,556	11,843	11,373
2							52	28	94 164	2 191,014	25 667,384	11,715	11,245
3							53	29	93 669	2 027,437	23 476,370	11,579	11,109
4							54	30	93 125	1 875,039	21 448,933	11,439	10,969
5							55	31	92 522	1 732,930	19 573,893	11,295	10,825
6							56	32	91 869	1 600,637	17 840,963	11,146	10,676
7							57	33	91 167	1 477,588	16 240,326	10,991	10,521
8							58	34	90 400	1 362,944	14 762,738	10,832	10,361
9							59	35	89 567	1 256,171	13 399,794	10,667	10,197
10							60	36	88 677	1 156,919	12 143,623	10,497	10,026
11							61	37	87 714	1 064,514	10 986,704	10,321	9,851
12							62	38	86 688	978,667	9 922,190	10,138	9,668
13							63	39	85 601	898,973	8 943,523	9,949	9,478
14							64	40	84 463	825,135	8 044,550	9,749	9,279
15							65	41	83 214	756,213	7 219,415	9,547	9,077
16							66	42	81 895	692,305	6 463,202	9,336	8,865
17							67	43	80 468	632,789	5 770,897	9,120	8,650
18							68	44	78 949	577,524	5 138,108	8,897	8,427
19							69	45	77 350	526,352	4 560,585	8,665	8,194
20							70	46	75 634	478,768	4 034,232	8,426	7,956
21							71	47	73 808	434,612	3 555,465	8,181	7,711
22							72	48	71 850	393,567	3 120,853	7,930	7,459
23							73	49	69 779	355,554	2 727,286	7,671	7,200
24	0	99 050	17 460,228	240 449,624	13,771	13,301	74	50	67 557	320,215	2 371,731	7,407	6,936
25	1	98 682	16 181,807	222 989,395	13,780	13,310	75	51	65 125	287,152	2 051,516	7,144	6,674
26	2	98 602	15 040,603	206 807,589	13,750	13,280	76	52	62 533	256,489	1 764,364	6,879	6,409
27	3	98 530	13 981,046	191 766,986	13,716	13,246	77	53	59 766	228,037	1 507,874	6,612	6,142
28	4	98 457	12 995,940	177 785,940	13,680	13,210	78	54	56 801	201,603	1 279,837	6,348	5,878
29	5	98 386	12 080,542	164 790,000	13,641	13,171	79	55	53 629	177,065	1 078,234	6,089	5,619
30	6	98 311	11 229,189	152 709,458	13,599	13,129	80	56	50 294	154,469	901,168	5,834	5,364
31	7	98 240	10 438,163	141 480,269	13,554	13,084	81	57	46 845	133,838	746,700	5,579	5,109
32	8	98 161	9 702,156	131 042,106	13,506	13,036	82	58	43 259	114,969	612,862	5,331	4,860
33	9	98 082	9 017,963	121 339,950	13,455	12,985	83	59	39 608	97,923	497,893	5,085	4,614
34	10	98 000	8 381,821	112 321,987	13,401	12,930	84	60	35 956	82,691	399,971	4,837	4,367
35	11	97 915	7 790,306	103 940,166	13,342	12,872	85	61	32 251	68,995	317,279	4,599	4,128
36	12	97 825	7 240,130	96 149,860	13,280	12,810	86	62	28 582	56,880	248,284	4,365	3,895
37	13	97 731	6 728,150	88 909,731	13,214	12,744	87	63	24 967	46,221	191,404	4,141	3,671
38	14	97 630	6 252,598	82 181,200	13,144	12,673	88	64	21 445	36,931	145,183	3,931	3,461
39	15	97 512	5 809,348	75 928,602	13,070	12,600	89	65	18 130	29,044	108,252	3,727	3,257
40	16	97 388	5 397,162	70 119,254	12,992	12,522	90	66	14 980	22,323	79,209	3,548	3,078
41	17	97 248	5 013,403	64 722,093	12,910	12,440	91	67	12 238	16,964	56,886	3,353	2,883
42	18	97 099	4 656,497	59 708,690	12,823	12,352	92	68	9 703	12,512	39,921	3,191	2,720
43	19	96 928	4 324,012	55 052,193	12,732	12,261	93	69	7 530	9,032	27,409	3,035	2,564
44	20	96 736	4 014,335	50 728,181	12,637	12,166	94	70	5 702	6,362	18,377	2,888	2,418
45	21	96 522	3 726,009	46 713,846	12,537	12,067	95	71	4 207	4,367	12,014	2,751	2,281
46	22	96 288	3 457,653	42 987,838	12,433	11,962	96	72	3 019	2,915	7,648	2,623	2,153
47	23	96 028	3 207,746	39 530,184	12,323	11,853	97	73	2 104	1,890	4,733	2,504	2,034
48	24	95 729	2 974,656	36 322,438	12,211	11,740	98	74	1 422	1,188	2,842	2,392	1,922
49	25	95 403	2 757,690	33 347,782	12,093	11,622	99	75	930	0,723	1,654	2,288	1,818
							100	76	588	0,425	0,931	2,191	1,721

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß   7,50%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	25	95 061	2 556,099	30 611,555	11,976	11,506
1							51	26	94 660	2 367,733	28 055,456	11,849	11,379
2							52	27	94 189	2 191,603	25 687,723	11,721	11,251
3							53	28	93 693	2 027,950	23 496,121	11,586	11,116
4							54	29	93 152	1 875,578	21 468,171	11,446	10,976
5							55	30	92 549	1 733,421	19 592,593	11,303	10,833
6							56	31	91 896	1 601,121	17 859,172	11,154	10,684
7							57	32	91 199	1 478,112	16 258,051	10,999	10,529
8							58	33	90 433	1 363,442	14 779,940	10,840	10,370
9							59	34	89 605	1 256,705	13 416,498	10,676	10,206
10							60	35	88 712	1 157,380	12 159,793	10,506	10,036
11							61	36	87 755	1 065,020	11 002,413	10,331	9,860
12							62	37	86 734	979,190	9 937,393	10,149	9,678
13							63	38	85 649	899,474	8 958,203	9,959	9,489
14							64	39	84 519	825,681	8 058,730	9,760	9,290
15							65	40	83 272	756,747	7 233,049	9,558	9,088
16							66	41	81 960	692,861	6 476,302	9,347	8,877
17							67	42	80 540	633,352	5 783,441	9,131	8,661
18							68	43	79 030	578,116	5 150,088	8,908	8,438
19							69	44	77 437	526,944	4 571,973	8,676	8,206
20							70	45	75 730	479,376	4 045,029	8,438	7,968
21							71	46	73 912	435,225	3 565,653	8,193	7,722
22							72	47	71 968	394,212	3 130,428	7,941	7,471
23							73	48	69 903	356,184	2 736,216	7,682	7,212
24							74	49	67 696	320,876	2 380,031	7,417	6,947
25	0	98 994	16 232,984	223 085,488	13,743	13,272	75	50	65 269	287,786	2 059,156	7,155	6,685
26	1	98 628	15 044,574	206 852,504	13,749	13,279	76	51	62 687	257,118	1 771,369	6,889	6,419
27	2	98 545	13 983,129	191 807,930	13,717	13,247	77	52	59 931	228,665	1 514,251	6,622	6,152
28	3	98 468	12 997,392	177 824,801	13,682	13,211	78	53	56 973	202,211	1 285,586	6,358	5,887
29	4	98 397	12 081,982	164 827,409	13,642	13,172	79	54	53 801	177,632	1 083,375	6,099	5,629
30	5	98 321	11 230,324	152 745,427	13,601	13,131	80	55	50 473	155,018	905,742	5,843	5,373
31	6	98 248	10 439,073	141 515,103	13,556	13,086	81	56	47 022	134,344	750,724	5,588	5,118
32	7	98 169	9 702,989	131 076,031	13,509	13,039	82	57	43 432	115,430	616,380	5,340	4,870
33	8	98 089	9 018,627	121 373,042	13,458	12,988	83	58	39 784	98,357	500,950	5,093	4,623
34	9	98 007	8 382,399	112 354,414	13,404	12,933	84	59	36 127	83,084	402,593	4,846	4,375
35	10	97 922	7 790,858	103 972,015	13,345	12,875	85	60	32 425	69,369	319,510	4,606	4,136
36	11	97 833	7 240,709	96 181,157	13,283	12,813	86	61	28 747	57,209	250,141	4,372	3,902
37	12	97 739	6 729,072	88 940,448	13,217	12,747	87	62	25 126	46,514	192,932	4,148	3,678
38	13	97 638	6 253,159	82 211,376	13,147	12,677	88	63	21 591	37,181	146,417	3,938	3,468
39	14	97 522	5 809,977	75 958,218	13,074	12,603	89	64	18 265	29,259	109,236	3,733	3,263
40	15	97 400	5 397,841	70 148,240	12,996	12,525	90	65	15 098	22,498	79,977	3,555	3,085
41	16	97 263	5 014,175	64 750,400	12,913	12,443	91	66	12 344	17,111	57,479	3,359	2,889
42	17	97 115	4 657,244	59 736,225	12,827	12,356	92	67	9 793	12,627	40,368	3,197	2,727
43	18	96 951	4 325,000	55 078,981	12,735	12,265	93	68	7 604	9,121	27,741	3,041	2,571
44	19	96 756	4 015,164	50 753,981	12,641	12,170	94	69	5 763	6,431	18,620	2,895	2,425
45	20	96 543	3 726,836	46 738,817	12,541	12,071	95	70	4 256	4,418	12,189	2,759	2,289
46	21	96 308	3 458,377	43 011,981	12,437	11,967	96	71	3 059	2,953	7,771	2,631	2,161
47	22	96 050	3 208,466	39 553,604	12,328	11,858	97	72	2 135	1,918	4,818	2,512	2,042
48	23	95 751	2 975,336	36 345,138	12,215	11,745	98	73	1 446	1,208	2,900	2,401	1,930
49	24	95 422	2 758,247	33 369,802	12,098	11,628	99	74	948	0,737	1,692	2,297	1,826
							100	75	601	0,434	0,955	2,200	1,729

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß   7,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	0	100 000	100 000,000	1 367 207,153	13,672	13,201	50	50	93 336	2 234,514	25 009,842	11,193	10,722
1	1	99 299	92 157,001	1 267 207,153	13,751	13,280	51	51	92 757	2 060,948	22 775,328	11,051	10,580
2	2	99 240	85 477,984	1 175 050,152	13,747	13,276	52	52	92 093	1 899,005	20 714,381	10,908	10,437
3	3	99 207	79 303,129	1 089 572,167	13,739	13,269	53	53	91 380	1 748,781	18 815,375	10,759	10,288
4	4	99 182	73 580,735	1 010 269,038	13,730	13,259	54	54	90 602	1 609,187	17 066,594	10,606	10,135
5	5	99 157	68 271,179	936 688,303	13,720	13,249	55	55	89 754	1 479,460	15 457,407	10,448	9,977
6	6	99 136	63 347,474	868 417,123	13,709	13,238	56	56	88 831	1 358,927	13 977,946	10,286	9,815
7	7	99 117	58 779,828	805 069,649	13,696	13,226	57	57	87 851	1 247,269	12 619,020	10,117	9,647
8	8	99 101	54 542,869	746 289,821	13,683	13,212	58	58	86 796	1 143,657	11 371,750	9,943	9,473
9	9	99 085	50 611,888	691 746,952	13,668	13,197	59	59	85 653	1 047,422	10 228,094	9,765	9,294
10	10	99 070	46 964,660	641 135,064	13,651	13,181	60	60	84 435	958,262	9 180,672	9,581	9,110
11	11	99 055	43 579,703	594 170,404	13,634	13,163	61	61	83 107	875,354	8 222,410	9,393	8,923
12	12	99 038	40 438,496	550 590,700	13,616	13,145	62	62	81 707	798,706	7 347,056	9,199	8,728
13	13	99 019	37 522,729	510 152,205	13,596	13,125	63	63	80 218	727,752	6 548,350	8,998	8,527
14	14	98 999	34 816,898	472 629,476	13,575	13,104	64	64	78 670	662,376	5 820,597	8,787	8,317
15	15	98 974	32 304,314	437 812,578	13,553	13,082	65	65	76 991	601,614	5 158,222	8,574	8,103
16	16	98 944	29 971,694	405 508,264	13,530	13,059	66	66	75 240	545,640	4 556,608	8,351	7,880
17	17	98 903	27 804,455	375 536,570	13,506	13,036	67	67	73 362	493,758	4 010,968	8,123	7,653
18	18	98 853	25 791,717	347 732,115	13,482	13,012	68	68	71 392	445,940	3 517,210	7,887	7,417
19	19	98 783	23 919,638	321 940,399	13,459	12,989	69	69	69 345	401,999	3 071,270	7,640	7,169
20	20	98 714	22 183,769	298 020,760	13,434	12,964	70	70	67 172	361,392	2 669,271	7,386	6,915
21	21	98 639	20 572,543	275 836,991	13,408	12,937	71	71	64 881	323,958	2 307,879	7,124	6,653
22	22	98 566	19 078,535	255 264,448	13,380	12,909	72	72	62 449	289,387	1 983,921	6,856	6,385
23	23	98 491	17 692,919	236 185,913	13,349	12,879	73	73	59 876	257,510	1 694,534	6,580	6,110
24	24	98 417	16 408,006	218 492,994	13,316	12,846	74	74	57 144	228,084	1 437,024	6,300	5,830
25	25	98 342	15 216,251	202 084,988	13,281	12,810	75	75	54 182	200,704	1 208,940	6,023	5,553
26	26	98 266	14 110,947	186 868,737	13,243	12,772	76	76	51 034	175,448	1 008,236	5,747	5,276
27	27	98 186	13 085,300	172 757,789	13,202	12,732	77	77	47 712	152,230	832,788	5,471	5,000
28	28	98 098	12 133,183	159 672,489	13,160	12,689	78	78	44 221	130,943	680,558	5,197	4,727
29	29	98 014	11 250,882	147 539,306	13,114	12,643	79	79	40 542	111,414	549,615	4,933	4,462
30	30	97 921	10 431,794	136 288,424	13,065	12,594	80	80	36 771	93,782	438,201	4,673	4,202
31	31	97 831	9 672,546	125 856,631	13,012	12,541	81	81	32 943	77,976	344,419	4,417	3,946
32	32	97 732	8 967,724	116 184,085	12,956	12,485	82	82	29 089	63,902	266,443	4,170	3,699
33	33	97 625	8 313,648	107 216,361	12,896	12,426	83	83	25 277	51,534	202,540	3,930	3,460
34	34	97 515	7 706,974	98 902,714	12,833	12,362	84	84	21 610	40,888	151,006	3,693	3,223
35	35	97 396	7 143,935	91 195,740	12,765	12,295	85	85	18 078	31,746	110,118	3,469	2,998
36	36	97 276	6 621,897	84 051,806	12,693	12,222	86	86	14 781	24,089	78,372	3,253	2,783
37	37	97 144	6 137,281	77 429,908	12,616	12,146	87	87	11 769	17,801	54,283	3,049	2,579
38	38	97 000	5 687,411	71 292,627	12,535	12,065	88	88	9 075	12,739	36,482	2,864	2,393
39	39	96 839	5 269,603	65 605,216	12,450	11,979	89	89	6 784	8,838	23,742	2,686	2,216
40	40	96 664	4 881,736	60 335,613	12,359	11,889	90	90	4 850	5,864	14,904	2,542	2,071
41	41	96 472	4 521,606	55 453,877	12,264	11,794	91	91	3 378	3,790	9,040	2,385	1,914
42	42	96 263	4 187,280	50 932,271	12,164	11,693	92	92	2 223	2,315	5,250	2,268	1,798
43	43	96 030	3 876,710	46 744,990	12,058	11,587	93	93	1 412	1,365	2,935	2,151	1,680
44	44	95 760	3 587,782	42 868,280	11,948	11,478	94	94	857	0,768	1,571	2,044	1,573
45	45	95 463	3 319,371	39 280,498	11,834	11,363	95	95	495	0,412	0,802	1,946	1,476
46	46	95 130	3 069,898	35 961,127	11,714	11,243	96	96	272	0,210	0,390	1,858	1,387
47	47	94 761	2 838,041	32 891,229	11,589	11,119	97	97	141	0,101	0,180	1,777	1,306
48	48	94 333	2 622,015	30 053,188	11,462	10,991	98	98	69	0,046	0,079	1,703	1,233
49	49	93 864	2 421,331	27 431,173	11,329	10,858	99	99	32	0,020	0,033	1,637	1,166
							100	100	14	0,008	0,013	1,576	1,105

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß   7,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	1	99 685	99 684,731	1 366 490,690	13,708	13,237	50	51	93 130	2 229,591	24 839,731	11,141	10,670
1	2	99 273	92 132,675	1 266 805,959	13,750	13,279	51	52	92 530	2 055,905	22 610,140	10,998	10,527
2	3	99 226	85 465,253	1 174 673,284	13,744	13,274	52	53	91 840	1 893,792	20 554,235	10,853	10,383
3	4	99 196	79 294,269	1 089 208,030	13,736	13,266	53	54	91 105	1 743,523	18 660,443	10,703	10,232
4	5	99 170	73 571,966	1 009 913,762	13,727	13,256	54	55	90 313	1 604,052	16 916,919	10,546	10,076
5	6	99 147	68 264,279	936 341,796	13,716	13,246	55	56	89 436	1 474,218	15 312,867	10,387	9,916
6	7	99 128	63 341,958	868 077,517	13,705	13,234	56	57	88 496	1 353,801	13 838,649	10,222	9,751
7	8	99 109	58 774,783	804 735,560	13,692	13,221	57	58	87 500	1 242,284	12 484,848	10,050	9,579
8	9	99 093	54 538,852	745 960,776	13,678	13,207	58	59	86 413	1 138,610	11 242,564	9,874	9,403
9	10	99 078	50 608,396	691 421,924	13,662	13,192	59	60	85 248	1 042,476	10 103,953	9,692	9,222
10	11	99 063	46 961,327	640 813,528	13,646	13,175	60	61	83 980	953,098	9 061,477	9,507	9,037
11	12	99 047	43 576,219	593 852,201	13,628	13,157	61	62	82 629	870,323	8 108,380	9,317	8,846
12	13	99 030	40 435,240	550 275,982	13,609	13,138	62	63	81 191	793,668	7 238,056	9,120	8,649
13	14	99 010	37 519,368	509 840,742	13,589	13,118	63	64	79 678	722,849	6 444,388	8,915	8,445
14	15	98 989	34 813,124	472 321,374	13,567	13,097	64	65	78 092	657,507	5 721,539	8,702	8,231
15	16	98 961	32 300,251	437 508,250	13,545	13,074	65	66	76 390	596,916	5 064,032	8,484	8,013
16	17	98 928	29 967,082	405 207,999	13,522	13,051	66	67	74 596	540,972	4 467,116	8,258	7,787
17	18	98 887	27 799,993	375 240,917	13,498	13,027	67	68	72 692	489,248	3 926,144	8,025	7,554
18	19	98 831	25 785,825	347 440,924	13,474	13,003	68	69	70 699	441,610	3 436,895	7,783	7,312
19	20	98 763	23 914,698	321 655,099	13,450	12,979	69	70	68 609	397,729	2 995,285	7,531	7,060
20	21	98 693	22 178,845	297 740,401	13,425	12,954	70	71	66 392	357,198	2 597,556	7,272	6,801
21	22	98 619	20 568,237	275 561,556	13,397	12,927	71	72	64 045	319,787	2 240,359	7,006	6,535
22	23	98 543	19 074,256	254 993,319	13,368	12,898	72	73	61 545	285,198	1 920,572	6,734	6,264
23	24	98 469	17 688,874	235 919,064	13,337	12,866	73	74	58 903	253,322	1 635,374	6,456	5,985
24	25	98 397	16 404,690	218 230,189	13,303	12,832	74	75	56 081	223,840	1 382,052	6,174	5,704
25	26	98 321	15 212,904	201 825,499	13,267	12,796	75	76	53 019	196,398	1 158,212	5,897	5,427
26	27	98 243	14 107,608	186 612,596	13,228	12,757	76	77	49 784	171,151	961,814	5,620	5,149
27	28	98 160	13 081,785	172 504,988	13,187	12,716	77	78	46 390	148,010	790,664	5,342	4,871
28	29	98 073	12 130,115	159 423,203	13,143	12,672	78	79	42 803	126,744	642,654	5,071	4,600
29	30	97 986	11 247,654	147 293,088	13,095	12,625	79	80	39 070	107,369	515,911	4,805	4,334
30	31	97 894	10 428,841	136 045,434	13,045	12,574	80	81	35 235	89,865	408,541	4,546	4,075
31	32	97 801	9 669,624	125 616,593	12,991	12,520	81	82	31 375	74,265	318,676	4,291	3,820
32	33	97 697	8 964,545	115 946,969	12,934	12,463	82	83	27 485	60,378	244,411	4,048	3,577
33	34	97 589	8 310,608	106 982,424	12,873	12,402	83	84	23 692	48,303	184,032	3,810	3,339
34	35	97 474	7 703,700	98 671,816	12,808	12,338	84	85	20 047	37,931	135,730	3,578	3,108
35	36	97 358	7 141,093	90 968,116	12,739	12,268	85	86	16 582	29,119	97,799	3,359	2,888
36	37	97 230	6 618,751	83 827,023	12,665	12,194	86	87	13 388	21,819	68,680	3,148	2,677
37	38	97 092	6 134,006	77 208,273	12,587	12,116	87	88	10 495	15,874	46,861	2,952	2,481
38	39	96 946	5 684,245	71 074,267	12,504	12,033	88	89	7 966	11,182	30,987	2,771	2,301
39	40	96 775	5 266,116	65 390,022	12,417	11,946	89	90	5 824	7,587	19,805	2,610	2,140
40	41	96 596	4 878,289	60 123,906	12,325	11,854	90	91	4 099	4,956	12,218	2,465	1,995
41	42	96 395	4 517,982	55 245,617	12,228	11,757	91	92	2 778	3,117	7,262	2,330	1,859
42	43	96 177	4 183,553	50 727,635	12,125	11,655	92	93	1 802	1,877	4,145	2,209	1,738
43	44	95 932	3 872,741	46 544,081	12,018	11,548	93	94	1 119	1,082	2,268	2,097	1,626
44	45	95 653	3 583,752	42 671,341	11,907	11,436	94	95	663	0,595	1,186	1,994	1,524
45	46	95 341	3 315,158	39 087,589	11,791	11,320	95	96	374	0,311	0,592	1,901	1,431
46	47	94 996	3 065,572	35 772,431	11,669	11,198	96	97	200	0,154	0,280	1,817	1,346
47	48	94 606	2 833,401	32 706,858	11,543	11,073	97	98	101	0,072	0,126	1,740	1,269
48	49	94 166	2 617,378	29 873,458	11,414	10,943	98	99	48	0,032	0,054	1,670	1,199
49	50	93 671	2 416,348	27 256,079	11,280	10,809	99	100	22	0,013	0,021	1,606	1,135

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß   7,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	2	99 658	99 658,418	1 366 051,975	13,707	13,237	50	52	92 902	2 224,136	24 655,594	11,085	10,615
1	3	99 258	92 118,953	1 266 393,556	13,747	13,277	51	53	92 276	2 050,261	22 431,458	10,941	10,470
2	4	99 215	85 455,704	1 174 274,604	13,741	13,271	52	54	91 564	1 888,098	20 381,198	10,795	10,324
3	5	99 184	79 284,818	1 088 818,900	13,733	13,262	53	55	90 815	1 737,959	18 493,099	10,641	10,170
4	6	99 160	73 564,530	1 009 534,081	13,723	13,252	54	56	89 993	1 598,369	16 755,140	10,483	10,012
5	7	99 138	68 258,334	935 969,552	13,712	13,242	55	57	89 099	1 468,657	15 156,771	10,320	9,849
6	8	99 119	63 336,521	867 711,218	13,700	13,229	56	58	88 142	1 348,390	13 688,114	10,151	9,681
7	9	99 101	58 770,455	804 374,697	13,687	13,216	57	59	87 113	1 236,803	12 339,724	9,977	9,506
8	10	99 086	54 535,089	745 604,242	13,672	13,201	58	60	86 005	1 133,234	11 102,921	9,798	9,327
9	11	99 071	50 604,804	691 069,152	13,656	13,186	59	61	84 789	1 036,858	9 969,687	9,615	9,145
10	12	99 055	46 957,572	640 464,348	13,639	13,169	60	62	83 497	947,621	8 932,829	9,427	8,956
11	13	99 039	43 572,711	593 506,776	13,621	13,150	61	63	82 108	864,833	7 985,208	9,233	8,763
12	14	99 021	40 431,618	549 934,065	13,602	13,131	62	64	80 644	788,321	7 120,375	9,032	8,562
13	15	99 000	37 515,301	509 502,447	13,581	13,111	63	65	79 092	717,536	6 332,054	8,825	8,354
14	16	98 976	34 808,745	471 987,146	13,559	13,089	64	66	77 482	652,372	5 614,518	8,606	8,136
15	17	98 946	32 295,281	437 178,401	13,537	13,066	65	67	75 736	591,809	4 962,146	8,385	7,914
16	18	98 913	29 962,273	404 883,121	13,513	13,042	66	68	73 915	536,032	4 370,336	8,153	7,682
17	19	98 864	27 793,643	374 920,847	13,489	13,019	67	69	71 986	484,498	3 834,304	7,914	7,443
18	20	98 810	25 780,500	347 127,204	13,465	12,994	68	70	69 948	436,919	3 349,807	7,667	7,196
19	21	98 741	23 909,389	321 346,704	13,440	12,970	69	71	67 813	393,114	2 912,887	7,410	6,939
20	22	98 672	22 174,203	297 437,315	13,414	12,943	70	72	65 537	352,598	2 519,774	7,146	6,676
21	23	98 597	20 563,623	275 263,113	13,386	12,915	71	73	63 118	315,157	2 167,176	6,876	6,406
22	24	98 521	19 069,896	254 699,489	13,356	12,885	72	74	60 544	280,560	1 852,019	6,601	6,130
23	25	98 449	17 685,299	235 629,594	13,323	12,853	73	75	57 807	248,608	1 571,459	6,321	5,850
24	26	98 376	16 401,081	217 944,295	13,288	12,818	74	76	54 878	219,037	1 322,850	6,039	5,569
25	27	98 297	15 209,303	201 543,214	13,251	12,781	75	77	51 721	191,587	1 103,813	5,761	5,291
26	28	98 217	14 103,818	186 333,911	13,212	12,741	76	78	48 404	166,406	912,226	5,482	5,011
27	29	98 135	13 078,477	172 230,093	13,169	12,698	77	79	44 902	143,263	745,820	5,206	4,735
28	30	98 045	12 126,634	159 151,616	13,124	12,653	78	80	41 249	122,142	602,557	4,933	4,463
29	31	97 958	11 244,471	147 024,982	13,075	12,605	79	81	37 438	102,885	480,415	4,669	4,199
30	32	97 864	10 425,691	135 780,511	13,024	12,553	80	82	33 558	85,589	377,530	4,411	3,940
31	33	97 767	9 666,197	125 354,820	12,968	12,498	81	83	29 645	70,170	291,942	4,160	3,690
32	34	97 661	8 961,267	115 688,623	12,910	12,439	82	84	25 762	56,592	221,772	3,919	3,448
33	35	97 548	8 307,078	106 727,356	12,848	12,377	83	85	21 979	44,810	165,180	3,686	3,216
34	36	97 435	7 700,636	98 420,278	12,781	12,310	84	86	18 388	34,792	120,370	3,460	2,989
35	37	97 311	7 137,699	90 719,642	12,710	12,239	85	87	15 020	26,375	85,578	3,245	2,774
36	38	97 178	6 615,218	83 581,943	12,635	12,164	86	88	11 938	19,456	59,203	3,043	2,572
37	39	97 038	6 130,591	76 966,725	12,555	12,084	87	89	9 211	13,932	39,746	2,853	2,382
38	40	96 882	5 680,484	70 836,134	12,470	11,999	88	90	6 838	9,599	25,814	2,689	2,219
39	41	96 707	5 262,397	65 155,649	12,381	11,911	89	91	4 923	6,413	16,215	2,528	2,058
40	42	96 518	4 874,379	59 893,252	12,287	11,817	90	92	3 371	4,076	9,802	2,405	1,934
41	43	96 309	4 513,961	55 018,873	12,189	11,718	91	93	2 252	2,527	5,726	2,266	1,795
42	44	96 078	4 179,270	50 504,912	12,085	11,614	92	94	1 429	1,488	3,199	2,151	1,680
43	45	95 824	3 868,391	46 325,643	11,975	11,505	93	95	867	0,838	1,712	2,044	1,573
44	46	95 532	3 579,203	42 457,252	11,862	11,392	94	96	501	0,449	0,874	1,946	1,476
45	47	95 207	3 310,487	38 878,048	11,744	11,273	95	97	275	0,229	0,425	1,858	1,387
46	48	94 841	3 060,560	35 567,562	11,621	11,151	96	98	143	0,110	0,196	1,777	1,306
47	49	94 439	2 828,390	32 507,002	11,493	11,022	97	99	70	0,050	0,086	1,703	1,233
48	50	93 973	2 611,993	29 678,612	11,362	10,892	98	100	33	0,022	0,035	1,637	1,166
49	51	93 465	2 411,025	27 066,619	11,226	10,756							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß   7,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	3	99 644	99 643,575	1 365 600,896	13,705	13,234	50	53	92 647	2 218,030	24 456,604	11,026	10,556
1	4	99 247	92 108,660	1 265 957,321	13,744	13,274	51	54	91 999	2 044,097	22 238,574	10,879	10,409
2	5	99 203	85 445,519	1 173 848,661	13,738	13,267	52	55	91 271	1 882,073	20 194,478	10,730	10,259
3	6	99 174	79 276,805	1 088 403,142	13,729	13,258	53	56	90 493	1 731,801	18 312,405	10,574	10,104
4	7	99 152	73 558,123	1 009 126,337	13,719	13,248	54	57	89 654	1 592,339	16 580,603	10,413	9,942
5	8	99 130	68 252,475	935 568,214	13,707	13,237	55	58	88 742	1 462,788	14 988,264	10,246	9,776
6	9	99 112	63 331,857	867 315,739	13,695	13,224	56	59	87 753	1 342,441	13 525,476	10,075	9,605
7	10	99 095	58 766,401	803 983,882	13,681	13,210	57	60	86 702	1 230,963	12 183,036	9,897	9,426
8	11	99 079	54 531,219	745 217,481	13,666	13,195	58	61	85 541	1 127,126	10 952,073	9,717	9,246
9	12	99 063	50 600,758	690 686,262	13,650	13,179	59	62	84 302	1 030,899	9 824,946	9,530	9,060
10	13	99 047	46 953,792	640 085,505	13,632	13,162	60	63	82 970	941,643	8 794,047	9,339	8,868
11	14	99 030	43 568,808	593 131,713	13,614	13,143	61	64	81 555	859,006	7 852,404	9,141	8,671
12	15	99 011	40 427,236	549 562,905	13,594	13,123	62	65	80 052	782,527	6 993,397	8,937	8,466
13	16	98 987	37 510,582	509 135,669	13,573	13,102	63	66	78 474	711,933	6 210,870	8,724	8,253
14	17	98 961	34 803,389	471 625,087	13,551	13,080	64	67	76 819	646,792	5 498,938	8,502	8,031
15	18	98 930	32 290,098	436 821,698	13,528	13,057	65	68	75 045	586,405	4 852,146	8,274	7,804
16	19	98 890	29 955,430	404 531,600	13,504	13,034	66	69	73 197	530,827	4 265,741	8,036	7,565
17	20	98 844	27 787,903	374 576,171	13,480	13,009	67	70	71 222	479,351	3 734,914	7,792	7,321
18	21	98 788	25 774,777	346 788,268	13,455	12,984	68	71	69 136	431,849	3 255,563	7,539	7,068
19	22	98 720	23 904,385	321 013,491	13,429	12,958	69	72	66 939	388,051	2 823,714	7,277	6,806
20	23	98 650	22 169,228	297 109,106	13,402	12,931	70	73	64 589	347,493	2 435,663	7,009	6,539
21	24	98 574	20 558,923	274 939,878	13,373	12,903	71	74	62 092	310,032	2 088,169	6,735	6,265
22	25	98 501	19 066,041	254 380,955	13,342	12,871	72	75	59 417	275,340	1 778,137	6,458	5,987
23	26	98 427	17 681,409	235 314,914	13,309	12,838	73	76	56 566	243,274	1 502,798	6,177	5,707
24	27	98 352	16 397,200	217 633,506	13,273	12,802	74	77	53 534	213,672	1 259,524	5,895	5,424
25	28	98 271	15 205,217	201 236,306	13,235	12,764	75	78	50 287	186,276	1 045,852	5,615	5,144
26	29	98 192	14 100,251	186 031,089	13,193	12,723	76	79	46 852	161,069	859,576	5,337	4,866
27	30	98 107	13 074,724	171 930,838	13,150	12,679	77	80	43 272	138,062	698,507	5,059	4,589
28	31	98 017	12 123,202	158 856,113	13,103	12,633	78	81	39 526	117,041	560,445	4,788	4,318
29	32	97 928	11 241,074	146 732,911	13,053	12,583	79	82	35 657	97,989	443,404	4,525	4,054
30	33	97 829	10 421,996	135 491,837	13,001	12,530	80	83	31 708	80,869	345,415	4,271	3,801
31	34	97 731	9 662,662	125 069,841	12,944	12,473	81	84	27 786	65,769	264,547	4,022	3,552
32	35	97 620	8 957,461	115 407,179	12,884	12,413	82	85	23 899	52,500	198,777	3,786	3,316
33	36	97 509	8 303,773	106 449,718	12,819	12,349	83	86	20 160	41,101	146,278	3,559	3,088
34	37	97 388	7 696,976	98 145,945	12,751	12,281	84	87	16 655	31,514	105,176	3,337	2,867
35	38	97 259	7 133,890	90 448,968	12,679	12,208	85	88	13 393	23,519	73,662	3,132	2,661
36	39	97 124	6 611,536	83 315,078	12,601	12,131	86	89	10 478	17,077	50,143	2,936	2,466
37	40	96 974	6 126,535	76 703,543	12,520	12,049	87	90	7 908	11,961	33,066	2,765	2,294
38	41	96 813	5 676,473	70 577,007	12,433	11,963	88	91	5 780	8,113	21,105	2,601	2,131
39	42	96 629	5 258,180	64 900,535	12,343	11,872	89	92	4 048	5,273	12,992	2,464	1,993
40	43	96 433	4 870,040	59 642,355	12,247	11,776	90	93	2 733	3,304	7,719	2,336	1,865
41	44	96 210	4 509,339	54 772,315	12,146	11,676	91	94	1 785	2,003	4,414	2,204	1,733
42	45	95 971	4 174,576	50 262,976	12,040	11,570	92	95	1 106	1,152	2,411	2,094	1,623
43	46	95 702	3 863,481	46 088,400	11,929	11,459	93	96	654	0,632	1,260	1,992	1,521
44	47	95 397	3 574,160	42 224,919	11,814	11,343	94	97	368	0,330	0,627	1,899	1,429
45	48	95 051	3 305,074	38 650,759	11,694	11,224	95	98	197	0,164	0,297	1,815	1,344
46	49	94 673	3 055,147	35 345,686	11,569	11,099	96	99	99	0,077	0,133	1,738	1,267
47	50	94 245	2 822,570	32 290,539	11,440	10,969	97	100	47	0,034	0,057	1,668	1,198
48	51	93 766	2 606,239	29 467,969	11,307	10,836							
49	52	93 236	2 405,126	26 861,730	11,169	10,698							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß   7,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	4	99 632	99 632,441	1 365 123,834	13,702	13,231	50	54	92 368	2 211,361	24 242,011	10,962	10,492
1	5	99 235	92 097,683	1 265 491,393	13,741	13,270	51	55	91 705	2 037,573	22 030,650	10,812	10,342
2	6	99 193	85 436,883	1 173 393,710	13,734	13,263	52	56	90 948	1 875,404	19 993,076	10,661	10,190
3	7	99 165	79 269,901	1 087 956,827	13,725	13,254	53	57	90 151	1 725,269	18 117,672	10,501	10,031
4	8	99 143	73 551,810	1 008 686,927	13,714	13,243	54	58	89 295	1 585,976	16 392,403	10,336	9,865
5	9	99 123	68 247,449	935 135,117	13,702	13,231	55	59	88 351	1 456,333	14 806,428	10,167	9,696
6	10	99 105	63 327,488	866 887,668	13,689	13,218	56	60	87 339	1 336,102	13 350,094	9,992	9,521
7	11	99 088	58 762,230	803 560,181	13,675	13,204	57	61	86 235	1 224,329	12 013,993	9,813	9,342
8	12	99 071	54 526,858	744 797,950	13,659	13,189	58	62	85 050	1 120,649	10 789,664	9,628	9,157
9	13	99 055	50 596,684	690 271,092	13,643	13,172	59	63	83 770	1 024,397	9 669,015	9,439	8,968
10	14	99 039	46 949,586	639 674,408	13,625	13,154	60	64	82 411	935,299	8 644,618	9,243	8,772
11	15	99 019	43 564,085	592 724,822	13,606	13,135	61	65	80 956	852,693	7 709,319	9,041	8,570
12	16	98 998	40 422,151	549 160,736	13,586	13,115	62	66	79 427	776,415	6 856,626	8,831	8,360
13	17	98 972	37 504,810	508 738,586	13,565	13,094	63	67	77 803	705,843	6 080,211	8,614	8,143
14	18	98 945	34 797,804	471 233,775	13,542	13,071	64	68	76 118	640,885	5 374,368	8,386	7,915
15	19	98 908	32 282,723	436 435,972	13,519	13,049	65	69	74 316	580,711	4 733,483	8,151	7,681
16	20	98 869	29 949,243	404 153,249	13,495	13,024	66	70	72 420	525,188	4 152,772	7,907	7,437
17	21	98 822	27 781,734	374 204,006	13,469	12,999	67	71	70 395	473,789	3 627,584	7,657	7,186
18	22	98 768	25 769,382	346 422,273	13,443	12,973	68	72	68 246	426,288	3 153,795	7,398	6,928
19	23	98 698	23 899,023	320 652,890	13,417	12,946	69	73	65 970	382,433	2 727,507	7,132	6,661
20	24	98 627	22 164,161	296 753,868	13,389	12,918	70	74	63 538	341,843	2 345,074	6,860	6,389
21	25	98 554	20 554,767	274 589,707	13,359	12,888	71	75	60 936	304,263	2 003,231	6,584	6,113
22	26	98 479	19 061,847	254 034,940	13,327	12,856	72	76	58 142	269,431	1 698,968	6,306	5,835
23	27	98 404	17 677,224	234 973,093	13,292	12,822	73	77	55 181	237,315	1 429,537	6,024	5,553
24	28	98 326	16 392,794	217 295,869	13,256	12,785	74	78	52 049	207,748	1 192,221	5,739	5,268
25	29	98 246	15 201,372	200 903,075	13,216	12,745	75	79	48 674	180,302	984,473	5,460	4,989
26	30	98 164	14 096,206	185 701,702	13,174	12,703	76	80	45 151	155,222	804,171	5,181	4,710
27	31	98 079	13 071,024	171 605,497	13,129	12,658	77	81	41 464	132,296	648,949	4,905	4,435
28	32	97 987	12 119,541	158 534,473	13,081	12,610	78	82	37 645	111,471	516,654	4,635	4,164
29	33	97 894	11 237,090	146 414,932	13,030	12,559	79	83	33 690	92,585	405,183	4,376	3,906
30	34	97 794	10 418,185	135 177,842	12,975	12,505	80	84	29 719	75,797	312,598	4,124	3,653
31	35	97 690	9 658,558	124 759,657	12,917	12,446	81	85	25 776	61,013	236,800	3,881	3,410
32	36	97 581	8 953,898	115 101,100	12,855	12,384	82	86	21 921	48,155	175,787	3,650	3,180
33	37	97 463	8 299,827	106 147,202	12,789	12,318	83	87	18 260	37,229	127,632	3,428	2,958
34	38	97 337	7 692,868	97 847,374	12,719	12,249	84	88	14 852	28,101	90,403	3,217	2,746
35	39	97 205	7 129,919	90 154,506	12,645	12,174	85	89	11 756	20,643	62,302	3,018	2,547
36	40	97 059	6 607,162	83 024,587	12,566	12,095	86	90	8 996	14,660	41,659	2,842	2,371
37	41	96 905	6 122,209	76 417,426	12,482	12,011	87	91	6 684	10,109	26,999	2,671	2,200
38	42	96 736	5 671,923	70 295,217	12,394	11,923	88	92	4 753	6,672	16,890	2,532	2,061
39	43	96 543	5 253,499	64 623,294	12,301	11,830	89	93	3 282	4,276	10,218	2,390	1,919
40	44	96 334	4 865,054	59 369,795	12,203	11,733	90	94	2 167	2,620	5,942	2,269	1,798
41	45	96 102	4 504,274	54 504,741	12,101	11,630	91	95	1 382	1,551	3,323	2,143	1,672
42	46	95 849	4 169,277	50 000,467	11,993	11,522	92	96	835	0,869	1,772	2,038	1,568
43	47	95 567	3 858,037	45 831,190	11,879	11,409	93	97	481	0,465	0,903	1,942	1,471
44	48	95 241	3 568,316	41 973,153	11,763	11,292	94	98	263	0,236	0,438	1,854	1,383
45	49	94 883	3 299,229	38 404,837	11,641	11,170	95	99	137	0,114	0,202	1,774	1,303
46	50	94 478	3 048,861	35 105,608	11,514	11,044	96	100	67	0,052	0,088	1,701	1,230
47	51	94 037	2 816,352	32 056,747	11,382	10,912							
48	52	93 536	2 599,862	29 240,395	11,247	10,776							
49	53	92 980	2 398,523	26 640,534	11,107	10,636							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 7,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	5	99 621	99 620,567	1 364 614,473	13,698	13,227	50	55	92 074	2 204,304	24 010,929	10,893	10,422
1	6	99 225	92 088,374	1 264 993,906	13,737	13,266	51	56	91 380	2 030,354	21 806,625	10,740	10,270
2	7	99 184	85 429,442	1 172 905,532	13,730	13,259	52	57	90 605	1 868,330	19 776,271	10,585	10,114
3	8	99 157	79 263,097	1 087 476,090	13,720	13,249	53	58	89 791	1 718,374	17 907,941	10,421	9,951
4	9	99 136	73 546,393	1 008 212,993	13,709	13,238	54	59	88 901	1 578,978	16 189,568	10,253	9,783
5	10	99 116	68 242,741	934 666,600	13,696	13,226	55	60	87 934	1 449,457	14 610,590	10,080	9,609
6	11	99 098	63 322,993	866 423,859	13,683	13,212	56	61	86 868	1 328,901	13 161,133	9,904	9,433
7	12	99 080	58 757,531	803 100,866	13,668	13,197	57	62	85 739	1 217,293	11 832,233	9,720	9,249
8	13	99 064	54 522,469	744 343,335	13,652	13,181	58	63	84 513	1 113,581	10 614,940	9,532	9,062
9	14	99 046	50 592,152	689 820,866	13,635	13,164	59	64	83 205	1 017,494	9 501,359	9,338	8,867
10	15	99 028	46 944,497	639 228,714	13,617	13,146	60	65	81 806	928,425	8 483,865	9,138	8,667
11	16	99 007	43 558,605	592 284,216	13,597	13,127	61	66	80 323	846,034	7 555,440	8,930	8,460
12	17	98 983	40 415,931	548 725,611	13,577	13,106	62	67	78 747	769,774	6 709,406	8,716	8,245
13	18	98 956	37 498,792	508 309,680	13,555	13,085	63	68	77 092	699,397	5 939,632	8,493	8,022
14	19	98 922	34 789,855	470 810,888	13,533	13,062	64	69	75 379	634,662	5 240,236	8,257	7,786
15	20	98 887	32 276,055	436 021,033	13,509	13,038	65	70	73 527	574,543	4 605,574	8,016	7,545
16	21	98 848	29 942,594	403 744,978	13,484	13,013	66	71	71 579	519,094	4 031,031	7,766	7,295
17	22	98 801	27 775,919	373 802,384	13,458	12,987	67	72	69 489	467,688	3 511,938	7,509	7,038
18	23	98 746	25 763,601	346 026,464	13,431	12,960	68	73	67 258	420,116	3 044,250	7,246	6,776
19	24	98 675	23 893,560	320 262,863	13,404	12,933	69	74	64 897	376,214	2 624,134	6,975	6,504
20	25	98 607	22 159,681	296 369,303	13,374	12,904	70	75	62 356	335,482	2 247,919	6,701	6,230
21	26	98 533	20 550,245	274 209,622	13,343	12,873	71	76	59 629	297,734	1 912,437	6,423	5,953
22	27	98 456	19 057,335	253 659,377	13,310	12,840	72	77	56 718	262,832	1 614,703	6,143	5,673
23	28	98 377	17 672,475	234 602,042	13,275	12,804	73	78	53 651	230,736	1 351,871	5,859	5,388
24	29	98 301	16 388,649	216 929,567	13,237	12,766	74	79	50 380	201,086	1 121,135	5,575	5,105
25	30	98 218	15 197,011	200 540,917	13,196	12,725	75	80	46 907	173,756	920,049	5,295	4,824
26	31	98 136	14 092,216	185 343,907	13,152	12,682	76	81	43 265	148,739	746,292	5,017	4,547
27	32	98 049	13 067,076	171 251,691	13,106	12,635	77	82	39 491	126,000	597,554	4,743	4,272
28	33	97 953	12 115,245	158 184,615	13,057	12,586	78	83	35 569	105,324	471,554	4,477	4,007
29	34	97 858	11 232,981	146 069,370	13,004	12,533	79	84	31 578	86,779	366,230	4,220	3,750
30	35	97 752	10 413,760	134 836,389	12,948	12,477	80	85	27 570	70,316	279,451	3,974	3,504
31	36	97 651	9 654,716	124 422,629	12,887	12,417	81	86	23 643	55,964	209,135	3,737	3,266
32	37	97 535	8 949,643	114 767,913	12,824	12,353	82	87	19 855	43,618	153,171	3,512	3,041
33	38	97 411	8 295,398	105 818,270	12,756	12,286	83	88	16 283	33,197	109,554	3,300	2,829
34	39	97 282	7 688,586	97 522,872	12,684	12,213	84	89	13 036	24,665	76,356	3,096	2,625
35	40	97 141	7 125,202	89 834,287	12,608	12,137	85	90	10 092	17,722	51,692	2,917	2,446
36	41	96 991	6 602,496	82 709,085	12,527	12,056	86	91	7 603	12,391	33,970	2,742	2,271
37	42	96 828	6 117,302	76 106,589	12,441	11,971	87	92	5 496	8,313	21,579	2,596	2,125
38	43	96 650	5 666,875	69 989,288	12,351	11,880	88	93	3 853	5,409	13,266	2,452	1,982
39	44	96 445	5 248,120	64 322,413	12,256	11,786	89	94	2 602	3,389	7,857	2,318	1,847
40	45	96 226	4 859,589	59 074,293	12,156	11,686	90	95	1 677	2,028	4,467	2,203	1,732
41	46	95 980	4 498,557	54 214,704	12,052	11,581	91	96	1 043	1,171	2,439	2,084	1,613
42	47	95 714	4 163,402	49 716,147	11,941	11,471	92	97	614	0,639	1,269	1,985	1,514
43	48	95 411	3 851,729	45 552,744	11,827	11,356	93	98	344	0,333	0,629	1,893	1,422
44	49	95 072	3 562,005	41 701,016	11,707	11,237	94	99	183	0,164	0,297	1,810	1,339
45	50	94 688	3 292,440	38 139,010	11,584	11,113	95	100	92	0,077	0,133	1,734	1,263
46	51	94 270	3 042,144	34 846,570	11,455	10,984							
47	52	93 807	2 809,461	31 804,426	11,320	10,850							
48	53	93 279	2 592,724	28 994,965	11,183	10,713							
49	54	92 701	2 391,312	26 402,241	11,041	10,570							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß   7,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	6	99 610	99 610,498	1 364 070,832	13,694	13,223	50	56	91 747	2 196,494	23 762,238	10,818	10,348
1	7	99 217	92 080,354	1 264 460,334	13,732	13,261	51	57	91 036	2 022,695	21 565,744	10,662	10,191
2	8	99 176	85 422,110	1 172 379,980	13,725	13,254	52	58	90 243	1 860,863	19 543,049	10,502	10,031
3	9	99 150	79 257,260	1 086 957,870	13,714	13,244	53	59	89 395	1 710,792	17 682,186	10,336	9,865
4	10	99 129	73 541,319	1 007 700,610	13,703	13,232	54	60	88 482	1 571,522	15 971,394	10,163	9,692
5	11	99 109	68 237,898	934 159,291	13,690	13,219	55	61	87 460	1 441,645	14 399,873	9,989	9,518
6	12	99 090	63 317,930	865 921,393	13,676	13,205	56	62	86 369	1 321,264	12 958,228	9,807	9,337
7	13	99 072	58 752,801	802 603,464	13,661	13,190	57	63	85 198	1 209,615	11 636,964	9,620	9,150
8	14	99 055	54 517,585	743 850,663	13,644	13,174	58	64	83 944	1 106,077	10 427,349	9,427	8,957
9	15	99 036	50 586,669	689 333,078	13,627	13,156	59	65	82 594	1 010,016	9 321,272	9,229	8,758
10	16	99 015	46 938,592	638 746,409	13,608	13,137	60	66	81 167	921,174	8 311,255	9,022	8,552
11	17	98 991	43 551,903	591 807,817	13,589	13,118	61	67	79 636	838,797	7 390,081	8,810	8,340
12	18	98 967	40 409,445	548 255,914	13,568	13,097	62	68	78 028	762,744	6 551,285	8,589	8,118
13	19	98 933	37 490,227	507 846,469	13,546	13,075	63	69	76 344	692,605	5 788,541	8,358	7,887
14	20	98 902	34 782,670	470 356,242	13,523	13,052	64	70	74 578	627,921	5 095,936	8,116	7,645
15	21	98 865	32 268,890	435 573,572	13,498	13,028	65	71	72 673	567,875	4 468,015	7,868	7,397
16	22	98 827	29 936,328	403 304,682	13,472	13,001	66	72	70 657	512,409	3 900,140	7,611	7,141
17	23	98 779	27 769,689	373 368,355	13,445	12,975	67	73	68 483	460,917	3 387,731	7,350	6,879
18	24	98 723	25 757,712	345 598,666	13,417	12,947	68	74	66 164	413,285	2 926,814	7,082	6,611
19	25	98 656	23 888,730	319 840,954	13,389	12,918	69	75	63 690	369,214	2 513,529	6,808	6,337
20	26	98 586	22 154,806	295 952,224	13,358	12,888	70	76	61 018	328,283	2 144,315	6,532	6,061
21	27	98 509	20 545,382	273 797,418	13,326	12,856	71	77	58 168	290,442	1 816,032	6,253	5,782
22	28	98 430	19 052,216	253 252,036	13,293	12,822	72	78	55 146	255,546	1 525,590	5,970	5,499
23	29	98 352	17 668,006	234 199,820	13,256	12,785	73	79	51 930	223,337	1 270,045	5,687	5,216
24	30	98 273	16 383,947	216 531,814	13,216	12,745	74	80	48 551	193,785	1 046,708	5,401	4,931
25	31	98 190	15 192,710	200 147,867	13,174	12,703	75	81	44 948	166,499	852,922	5,123	4,652
26	32	98 106	14 087,960	184 955,158	13,129	12,658	76	82	41 206	141,660	686,423	4,846	4,375
27	33	98 015	13 062,444	170 867,198	13,081	12,610	77	83	37 313	119,051	544,763	4,576	4,105
28	34	97 917	12 110,815	157 804,754	13,030	12,559	78	84	33 339	98,719	425,712	4,312	3,842
29	35	97 816	11 228,210	145 693,939	12,976	12,505	79	85	29 294	80,504	326,993	4,062	3,591
30	36	97 713	10 409,618	134 465,729	12,917	12,447	80	86	25 288	64,497	246,489	3,822	3,351
31	37	97 604	9 650,128	124 056,112	12,855	12,385	81	87	21 416	50,691	181,992	3,590	3,120
32	38	97 483	8 944,867	114 405,984	12,790	12,319	82	88	17 705	38,894	131,301	3,376	2,905
33	39	97 357	8 290,780	105 461,117	12,720	12,250	83	89	14 292	29,138	92,407	3,171	2,701
34	40	97 218	7 683,499	97 170,337	12,647	12,176	84	90	11 191	21,174	63,269	2,988	2,517
35	41	97 072	7 120,170	89 486,838	12,568	12,097	85	91	8 530	14,978	42,095	2,810	2,340
36	42	96 913	6 597,204	82 366,668	12,485	12,014	86	92	6 252	10,189	27,117	2,661	2,191
37	43	96 741	6 111,857	75 769,465	12,397	11,926	87	93	4 456	6,740	16,927	2,511	2,041
38	44	96 551	5 661,072	69 657,608	12,305	11,834	88	94	3 055	4,288	10,187	2,376	1,905
39	45	96 336	5 242,226	63 996,536	12,208	11,737	89	95	2 014	2,624	5,899	2,248	1,778
40	46	96 103	4 853,422	58 754,310	12,106	11,635	90	96	1 266	1,531	3,275	2,140	1,669
41	47	95 845	4 492,218	53 900,889	11,999	11,528	91	97	767	0,861	1,745	2,027	1,556
42	48	95 557	4 156,595	49 408,671	11,887	11,416	92	98	439	0,457	0,884	1,933	1,462
43	49	95 242	3 844,917	45 252,076	11,769	11,299	93	99	239	0,231	0,427	1,846	1,375
44	50	94 877	3 554,676	41 407,159	11,649	11,178	94	100	123	0,111	0,195	1,767	1,296
45	51	94 480	3 285,187	37 852,483	11,522	11,052							
46	52	94 040	3 034,701	34 567,296	11,391	10,920							
47	53	93 549	2 801,748	31 532,596	11,255	10,784							
48	54	92 999	2 584,929	28 730,848	11,115	10,644							
49	55	92 405	2 383,681	26 145,919	10,969	10,498							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß   7,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	7	99 602	99 601,823	1 363 488,052	13,689	13,219	50	57	91 401	2 188,208	23 495,145	10,737	10,266
1	8	99 208	92 072,451	1 263 886,229	13,727	13,256	51	58	90 672	2 014,611	21 306,936	10,576	10,106
2	9	99 168	85 415,819	1 171 813,778	13,719	13,248	52	59	89 845	1 852,652	19 292,325	10,413	9,943
3	10	99 143	79 251,792	1 086 397,959	13,708	13,238	53	60	88 973	1 702,713	17 439,673	10,242	9,772
4	11	99 122	73 536,100	1 007 146,167	13,696	13,225	54	61	88 005	1 563,052	15 736,960	10,068	9,597
5	12	99 101	68 232,441	933 610,066	13,683	13,212	55	62	86 957	1 433,360	14 173,907	9,889	9,418
6	13	99 082	63 312,833	865 377,626	13,668	13,198	56	63	85 824	1 312,930	12 740,547	9,704	9,233
7	14	99 063	58 747,538	802 064,793	13,653	13,182	57	64	84 624	1 201,464	11 427,617	9,511	9,041
8	15	99 044	54 511,676	743 317,255	13,636	13,165	58	65	83 327	1 097,948	10 226,153	9,314	8,843
9	16	99 023	50 580,305	688 805,579	13,618	13,147	59	66	81 949	1 002,128	9 128,204	9,109	8,638
10	17	99 000	46 931,370	638 225,273	13,599	13,128	60	67	80 472	913,294	8 126,076	8,898	8,427
11	18	98 975	43 544,914	591 293,904	13,579	13,108	61	68	78 909	831,136	7 212,782	8,678	8,208
12	19	98 944	40 400,215	547 748,990	13,558	13,087	62	69	77 270	755,337	6 381,646	8,449	7,978
13	20	98 913	37 482,484	507 348,775	13,536	13,065	63	70	75 533	685,248	5 626,308	8,211	7,740
14	21	98 880	34 774,949	469 866,291	13,512	13,041	64	71	73 713	620,634	4 941,060	7,961	7,491
15	22	98 844	32 262,136	435 091,343	13,486	13,015	65	72	71 738	560,562	4 320,426	7,707	7,237
16	23	98 805	29 929,612	402 829,206	13,459	12,989	66	73	69 634	504,991	3 759,864	7,445	6,975
17	24	98 756	27 763,341	372 899,594	13,431	12,961	67	74	67 369	453,422	3 254,873	7,178	6,708
18	25	98 703	25 752,506	345 136,253	13,402	12,931	68	75	64 933	405,595	2 801,451	6,907	6,436
19	26	98 634	23 883,475	319 383,748	13,373	12,902	69	76	62 323	361,291	2 395,857	6,631	6,161
20	27	98 562	22 149,563	295 500,273	13,341	12,870	70	77	59 524	320,242	2 034,565	6,353	5,883
21	28	98 483	20 539,862	273 350,710	13,308	12,838	71	78	56 556	282,390	1 714,323	6,071	5,600
22	29	98 405	19 047,398	252 810,848	13,273	12,802	72	79	53 377	247,351	1 431,933	5,789	5,318
23	30	98 324	17 662,937	233 763,450	13,235	12,764	73	80	50 045	215,228	1 184,582	5,504	5,033
24	31	98 245	16 379,310	216 100,513	13,194	12,723	74	81	46 523	185,692	969,354	5,220	4,750
25	32	98 160	15 188,121	199 721,203	13,150	12,679	75	82	42 809	158,576	783,662	4,942	4,471
26	33	98 072	14 082,966	184 533,082	13,103	12,633	76	83	38 934	133,848	625,087	4,670	4,199
27	34	97 979	13 057,668	170 450,116	13,054	12,583	77	84	34 973	111,586	491,238	4,402	3,932
28	35	97 875	12 105,670	157 392,448	13,002	12,531	78	85	30 928	91,580	379,653	4,146	3,675
29	36	97 777	11 223,744	145 286,778	12,945	12,474	79	86	26 870	73,841	288,073	3,901	3,431
30	37	97 667	10 404,671	134 063,034	12,885	12,414	80	87	22 906	58,420	214,231	3,667	3,196
31	38	97 552	9 644,978	123 658,363	12,821	12,350	81	88	19 096	45,202	155,811	3,447	2,976
32	39	97 428	8 939,887	114 013,385	12,753	12,283	82	89	15 540	34,138	110,610	3,240	2,769
33	40	97 292	8 285,295	105 073,499	12,682	12,211	83	90	12 269	25,014	76,472	3,057	2,586
34	41	97 149	7 678,073	96 788,204	12,606	12,135	84	91	9 458	17,897	51,458	2,875	2,405
35	42	96 994	7 114,463	89 110,131	12,525	12,055	85	92	7 014	12,317	33,561	2,725	2,254
36	43	96 827	6 591,332	81 995,668	12,440	11,969	86	93	5 069	8,261	21,244	2,572	2,101
37	44	96 642	6 105,599	75 404,336	12,350	11,879	87	94	3 533	5,343	12,983	2,430	1,959
38	45	96 442	5 654,714	69 298,737	12,255	11,784	88	95	2 365	3,320	7,640	2,301	1,831
39	46	96 214	5 235,572	63 644,024	12,156	11,685	89	96	1 521	1,981	4,320	2,181	1,710
40	47	95 968	4 846,583	58 408,452	12,051	11,581	90	97	931	1,126	2,339	2,078	1,608
41	48	95 688	4 484,873	53 561,869	11,943	11,472	91	98	549	0,616	1,214	1,971	1,501
42	49	95 388	4 149,244	49 076,996	11,828	11,357	92	99	305	0,318	0,598	1,883	1,412
43	50	95 046	3 837,006	44 927,752	11,709	11,238	93	100	161	0,156	0,280	1,801	1,330
44	51	94 668	3 546,845	41 090,747	11,585	11,114							
45	52	94 248	3 277,149	37 543,902	11,456	10,986							
46	53	93 781	3 026,369	34 266,753	11,323	10,852							
47	54	93 268	2 793,324	31 240,384	11,184	10,713							
48	55	92 702	2 576,680	28 447,059	11,040	10,570							
49	56	92 077	2 375,235	25 870,380	10,892	10,421							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß   7,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$
0	8	99 593	99 593,274	1 362 861,357	13,684	13,214	50	58	91 036	2 179,463	23 208,520	10,649	10,178
1	9	99 201	92 065,670	1 263 268,083	13,721	13,251	51	59	90 272	2 005,722	21 029,057	10,485	10,014
2	10	99 161	85 409,927	1 171 202,412	13,713	13,242	52	60	89 420	1 843,904	19 023,335	10,317	9,846
3	11	99 136	79 246,168	1 085 792,485	13,702	13,231	53	61	88 493	1 693,537	17 179,431	10,144	9,673
4	12	99 114	73 530,220	1 006 546,318	13,689	13,218	54	62	87 499	1 554,070	15 485,894	9,965	9,494
5	13	99 093	68 226,948	933 016,098	13,675	13,205	55	63	86 409	1 424,319	13 931,825	9,781	9,311
6	14	99 073	63 307,161	864 789,150	13,660	13,190	56	64	85 246	1 304,084	12 507,505	9,591	9,120
7	15	99 052	58 741,171	801 481,989	13,644	13,174	57	65	84 002	1 192,634	11 203,422	9,394	8,923
8	16	99 031	54 504,819	742 740,818	13,627	13,156	58	66	82 676	1 089,374	10 010,788	9,189	8,719
9	17	99 008	50 572,522	688 235,999	13,609	13,138	59	67	81 248	993,556	8 921,414	8,979	8,509
10	18	98 984	46 923,838	637 663,477	13,589	13,119	60	68	79 738	904,954	7 927,858	8,761	8,290
11	19	98 953	43 534,968	590 739,638	13,569	13,099	61	69	78 143	823,066	7 022,904	8,533	8,062
12	20	98 924	40 391,871	547 204,670	13,547	13,077	62	70	76 450	747,314	6 199,839	8,296	7,825
13	21	98 891	37 474,163	506 812,799	13,524	13,054	63	71	74 656	677,296	5 452,524	8,050	7,580
14	22	98 859	34 767,670	469 338,637	13,499	13,029	64	72	72 763	612,642	4 775,228	7,794	7,324
15	23	98 822	32 254,899	434 570,966	13,473	13,002	65	73	70 699	552,447	4 162,586	7,535	7,064
16	24	98 782	29 922,771	402 316,067	13,445	12,974	66	74	68 502	496,779	3 610,140	7,267	6,796
17	25	98 736	27 757,729	372 393,296	13,416	12,945	67	75	66 115	444,985	3 113,360	6,997	6,526
18	26	98 681	25 746,841	344 635,568	13,386	12,915	68	76	63 540	396,891	2 668,376	6,723	6,253
19	27	98 610	23 877,823	318 888,727	13,355	12,884	69	77	60 797	352,442	2 271,485	6,445	5,974
20	28	98 536	22 143,612	295 010,904	13,323	12,852	70	78	57 873	311,364	1 919,042	6,163	5,693
21	29	98 458	20 534,668	272 867,292	13,288	12,817	71	79	54 742	273,334	1 607,678	5,882	5,411
22	30	98 376	19 041,933	252 332,624	13,251	12,781	72	80	51 439	238,370	1 334,344	5,598	5,127
23	31	98 296	17 657,938	233 290,691	13,212	12,741	73	81	47 955	206,239	1 095,974	5,314	4,843
24	32	98 215	16 374,363	215 632,753	13,169	12,698	74	82	44 309	176,855	889,735	5,031	4,560
25	33	98 126	15 182,737	199 258,390	13,124	12,653	75	83	40 448	149,831	712,880	4,758	4,287
26	34	98 036	14 077,817	184 075,653	13,076	12,605	76	84	36 492	125,455	563,049	4,488	4,017
27	35	97 937	13 052,121	169 997,836	13,025	12,554	77	85	32 444	103,516	437,594	4,227	3,757
28	36	97 836	12 100,855	156 945,715	12,970	12,499	78	86	28 368	84,001	334,078	3,977	3,506
29	37	97 731	11 218,410	144 844,860	12,911	12,441	79	87	24 338	66,884	250,077	3,739	3,268
30	38	97 615	10 399,118	133 626,450	12,850	12,379	80	88	20 425	52,094	183,193	3,517	3,046
31	39	97 498	9 639,608	123 227,332	12,783	12,313	81	89	16 761	39,674	131,099	3,304	2,834
32	40	97 364	8 933,973	113 587,723	12,714	12,243	82	90	13 341	29,307	91,425	3,120	2,649
33	41	97 224	8 279,444	104 653,751	12,640	12,170	83	91	10 370	21,142	62,119	2,938	2,467
34	42	97 071	7 671,919	96 374,307	12,562	12,091	84	92	7 778	14,717	40,976	2,784	2,314
35	43	96 908	7 108,131	88 702,388	12,479	12,008	85	93	5 687	9,986	26,260	2,630	2,159
36	44	96 728	6 584,582	81 594,257	12,392	11,921	86	94	4 018	6,549	16,274	2,485	2,014
37	45	96 534	6 098,741	75 009,675	12,299	11,829	87	95	2 735	4,136	9,725	2,351	1,880
38	46	96 320	5 647,537	68 910,934	12,202	11,731	88	96	1 785	2,506	5,588	2,230	1,759
39	47	96 078	5 228,195	63 263,397	12,100	11,630	89	97	1 118	1,457	3,082	2,116	1,646
40	48	95 811	4 838,658	58 035,203	11,994	11,523	90	98	666	0,805	1,626	2,019	1,549
41	49	95 519	4 476,942	53 196,545	11,882	11,412	91	99	381	0,428	0,821	1,918	1,448
42	50	95 192	4 140,706	48 719,603	11,766	11,295	92	100	206	0,214	0,393	1,835	1,364
43	51	94 837	3 828,553	44 578,897	11,644	11,173							
44	52	94 436	3 538,167	40 750,344	11,517	11,047							
45	53	93 990	3 268,152	37 212,178	11,386	10,916							
46	54	93 499	3 017,270	33 944,026	11,250	10,779							
47	55	92 971	2 784,410	30 926,756	11,107	10,636							
48	56	92 374	2 567,550	28 142,346	10,961	10,490							
49	57	91 730	2 366,275	25 574,795	10,808	10,337							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß   7,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	9	99 586	99 585,940	1 362 186,995	13,679	13,208	50	59	90 634	2 169,847	22 901,156	10,554	10,084
1	10	99 194	92 059,319	1 262 601,055	13,715	13,244	51	60	89 846	1 996,251	20 731,309	10,385	9,914
2	11	99 154	85 403,865	1 170 541,736	13,706	13,235	52	61	88 939	1 833,967	18 735,058	10,216	9,745
3	12	99 128	79 239,831	1 085 137,871	13,694	13,224	53	62	87 985	1 683,804	16 901,091	10,037	9,567
4	13	99 106	73 524,300	1 005 898,040	13,681	13,211	54	63	86 947	1 544,267	15 217,287	9,854	9,383
5	14	99 084	68 220,837	932 373,740	13,667	13,196	55	64	85 827	1 414,722	13 673,020	9,665	9,194
6	15	99 063	63 300,300	864 152,903	13,652	13,181	56	65	84 619	1 294,499	12 258,297	9,470	8,999
7	16	99 040	58 733,782	800 852,604	13,635	13,165	57	66	83 346	1 183,320	10 963,798	9,265	8,795
8	17	99 016	54 496,432	742 118,822	13,618	13,147	58	67	81 969	1 080,055	9 780,478	9,056	8,585
9	18	98 992	50 564,407	687 622,390	13,599	13,128	59	68	80 506	984,482	8 700,423	8,838	8,367
10	19	98 962	46 913,120	637 057,983	13,580	13,109	60	69	78 963	896,166	7 715,941	8,610	8,139
11	20	98 932	43 525,976	590 144,862	13,558	13,088	61	70	77 313	814,323	6 819,775	8,375	7,904
12	21	98 902	40 382,904	546 618,886	13,536	13,065	62	71	75 562	738,642	6 005,452	8,130	7,660
13	22	98 870	37 466,320	506 235,982	13,512	13,041	63	72	73 695	668,575	5 266,809	7,878	7,407
14	23	98 837	34 759,871	468 769,662	13,486	13,015	64	73	71 710	603,772	4 598,235	7,616	7,145
15	24	98 800	32 247,526	434 009,791	13,459	12,988	65	74	69 549	543,463	3 994,463	7,350	6,879
16	25	98 762	29 916,722	401 762,265	13,429	12,959	66	75	67 227	487,535	3 450,999	7,078	6,608
17	26	98 715	27 751,623	371 845,543	13,399	12,928	67	76	64 697	435,436	2 963,464	6,806	6,335
18	27	98 658	25 740,747	344 093,920	13,368	12,897	68	77	61 984	387,170	2 528,028	6,529	6,059
19	28	98 584	23 871,408	318 353,173	13,336	12,866	69	78	59 111	342,671	2 140,858	6,248	5,777
20	29	98 511	22 138,013	294 481,765	13,302	12,831	70	79	56 017	301,379	1 798,186	5,967	5,496
21	30	98 430	20 528,777	272 343,752	13,266	12,796	71	80	52 755	263,410	1 496,807	5,682	5,212
22	31	98 349	19 036,543	251 814,975	13,228	12,757	72	81	49 291	228,415	1 233,397	5,400	4,929
23	32	98 267	17 652,604	232 778,432	13,187	12,716	73	82	45 673	196,424	1 004,982	5,116	4,646
24	33	98 180	16 368,559	215 125,828	13,143	12,672	74	83	41 866	167,102	808,558	4,839	4,368
25	34	98 090	15 177,186	198 757,269	13,096	12,625	75	84	37 911	140,435	641,456	4,568	4,097
26	35	97 994	14 071,837	183 580,083	13,046	12,575	76	85	33 853	116,382	501,021	4,305	3,834
27	36	97 898	13 046,930	169 508,246	12,992	12,522	77	86	29 759	94,950	384,639	4,051	3,580
28	37	97 790	12 095,105	156 461,316	12,936	12,465	78	87	25 695	76,086	289,689	3,807	3,337
29	38	97 679	11 212,423	144 366,212	12,876	12,405	79	88	21 702	59,641	213,602	3,581	3,111
30	39	97 560	10 393,329	133 153,789	12,811	12,341	80	89	17 927	45,723	153,962	3,367	2,897
31	40	97 433	9 633,231	122 760,460	12,743	12,273	81	90	14 389	34,060	108,238	3,178	2,707
32	41	97 295	8 927,663	113 127,229	12,672	12,201	82	91	11 276	24,770	74,179	2,995	2,524
33	42	97 146	8 272,808	104 199,566	12,595	12,125	83	92	8 527	17,385	49,409	2,842	2,371
34	43	96 985	7 665,090	95 926,758	12,515	12,044	84	93	6 306	11,932	32,023	2,684	2,213
35	44	96 809	7 100,852	88 261,667	12,430	11,959	85	94	4 508	7,917	20,091	2,538	2,067
36	45	96 619	6 577,187	81 160,815	12,340	11,869	86	95	3 111	5,070	12,175	2,401	1,931
37	46	96 411	6 091,000	74 583,628	12,245	11,774	87	96	2 065	3,123	7,105	2,275	1,805
38	47	96 184	5 639,579	68 492,628	12,145	11,674	88	97	1 313	1,843	3,982	2,161	1,690
39	48	95 921	5 219,646	62 853,049	12,042	11,571	89	98	800	1,042	2,140	2,054	1,583
40	49	95 642	4 830,101	57 633,404	11,932	11,461	90	99	463	0,559	1,098	1,963	1,492
41	50	95 322	4 467,730	52 803,303	11,819	11,348	91	100	257	0,288	0,539	1,867	1,397
42	51	94 982	4 131,584	48 335,573	11,699	11,228							
43	52	94 605	3 819,185	44 203,989	11,574	11,104							
44	53	94 177	3 528,453	40 384,804	11,445	10,975							
45	54	93 707	3 258,326	36 856,351	11,311	10,841							
46	55	93 201	3 007,642	33 598,025	11,171	10,700							
47	56	92 641	2 774,545	30 590,383	11,025	10,555							
48	57	92 025	2 557,865	27 815,839	10,875	10,404							
49	58	91 363	2 356,818	25 257,974	10,717	10,246							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß   7,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	10	99 579	99 579,070	1 361 459,772	13,672	13,201	50	60	90 206	2 159,601	22 572,218	10,452	9,981
1	11	99 187	92 052,786	1 261 880,702	13,708	13,238	51	61	89 361	1 985,493	20 412,617	10,281	9,810
2	12	99 146	85 397,036	1 169 827,916	13,699	13,228	52	62	88 427	1 823,427	18 427,125	10,106	9,635
3	13	99 120	79 233,452	1 084 430,880	13,687	13,216	53	63	87 430	1 673,184	16 603,697	9,923	9,453
4	14	99 097	73 517,714	1 005 197,429	13,673	13,202	54	64	86 361	1 533,862	14 930,514	9,734	9,263
5	15	99 073	68 213,442	931 679,714	13,658	13,188	55	65	85 196	1 404,325	13 396,651	9,540	9,069
6	16	99 050	63 292,337	863 466,272	13,643	13,172	56	66	83 958	1 284,389	11 992,327	9,337	8,866
7	17	99 024	58 724,744	800 173,935	13,626	13,155	57	67	82 633	1 173,198	10 707,937	9,127	8,656
8	18	99 000	54 487,687	741 449,191	13,608	13,137	58	68	81 220	1 070,191	9 534,740	8,909	8,439
9	19	98 969	50 552,857	686 961,504	13,589	13,118	59	69	79 724	974,923	8 464,548	8,682	8,212
10	20	98 941	46 903,431	636 408,646	13,568	13,098	60	70	78 125	886,647	7 489,626	8,447	7,976
11	21	98 910	43 516,314	589 505,215	13,547	13,076	61	71	76 416	804,873	6 602,978	8,204	7,733
12	22	98 881	40 374,453	545 988,901	13,523	13,052	62	72	74 589	729,130	5 798,105	7,952	7,481
13	23	98 848	37 457,915	505 614,449	13,498	13,028	63	73	72 628	658,895	5 068,975	7,693	7,222
14	24	98 815	34 751,926	468 156,534	13,471	13,001	64	74	70 544	593,954	4 410,079	7,425	6,954
15	25	98 780	32 241,008	433 404,608	13,443	12,972	65	75	68 255	533,351	3 816,125	7,155	6,684
16	26	98 740	29 910,141	401 163,600	13,412	12,942	66	76	65 785	477,074	3 282,774	6,881	6,410
17	27	98 691	27 745,055	371 253,459	13,381	12,910	67	77	63 112	424,771	2 805,701	6,605	6,135
18	28	98 631	25 733,832	343 508,404	13,349	12,878	68	78	60 265	376,437	2 380,930	6,325	5,854
19	29	98 559	23 865,371	317 774,572	13,315	12,845	69	79	57 216	331,682	2 004,493	6,043	5,573
20	30	98 483	22 131,661	293 909,201	13,280	12,809	70	80	53 984	290,437	1 672,811	5,760	5,289
21	31	98 402	20 522,966	271 777,540	13,243	12,772	71	81	50 551	252,409	1 382,373	5,477	5,006
22	32	98 319	19 030,794	251 254,574	13,203	12,732	72	82	46 945	217,544	1 129,964	5,194	4,724
23	33	98 232	17 646,347	232 223,780	13,160	12,689	73	83	43 154	185,593	912,420	4,916	4,446
24	34	98 145	16 362,574	214 577,433	13,114	12,643	74	84	39 240	156,623	726,827	4,641	4,170
25	35	98 048	15 170,739	198 214,859	13,066	12,595	75	85	35 170	130,279	570,205	4,377	3,906
26	36	97 955	14 066,240	183 044,120	13,013	12,542	76	86	31 052	106,751	439,925	4,121	3,650
27	37	97 852	13 040,730	168 977,880	12,958	12,487	77	87	26 955	86,003	333,174	3,874	3,403
28	38	97 738	12 088,650	155 937,151	12,899	12,429	78	88	22 913	67,847	247,171	3,643	3,172
29	39	97 624	11 206,181	143 848,501	12,837	12,366	79	89	19 049	52,348	179,324	3,426	2,955
30	40	97 496	10 386,453	132 642,320	12,771	12,300	80	90	15 390	39,253	126,977	3,235	2,764
31	41	97 365	9 626,428	122 255,867	12,700	12,229	81	91	12 162	28,787	87,724	3,047	2,577
32	42	97 217	8 920,508	112 629,439	12,626	12,155	82	92	9 272	20,369	58,937	2,893	2,423
33	43	97 059	8 265,444	103 708,931	12,547	12,077	83	93	6 914	14,096	38,568	2,736	2,265
34	44	96 886	7 657,242	95 443,487	12,464	11,994	84	94	4 999	9,459	24,472	2,587	2,117
35	45	96 700	7 092,877	87 786,245	12,377	11,906	85	95	3 490	6,128	15,013	2,450	1,979
36	46	96 496	6 568,839	80 693,368	12,284	11,814	86	96	2 348	3,827	8,885	2,321	1,851
37	47	96 275	6 082,417	74 124,529	12,187	11,716	87	97	1 518	2,296	5,057	2,203	1,732
38	48	96 027	5 630,357	68 042,112	12,085	11,614	88	98	939	1,318	2,761	2,095	1,625
39	49	95 752	5 210,415	62 411,755	11,978	11,508	89	99	556	0,724	1,443	1,994	1,524
40	50	95 445	4 820,162	57 201,339	11,867	11,396	90	100	312	0,377	0,720	1,908	1,438
41	51	95 112	4 457,887	52 381,177	11,750	11,280							
42	52	94 750	4 121,475	47 923,290	11,628	11,157							
43	53	94 345	3 808,700	43 801,815	11,500	11,030							
44	54	93 894	3 517,845	39 993,115	11,369	10,898							
45	55	93 408	3 247,928	36 475,270	11,230	10,760							
46	56	92 871	2 996,985	33 227,342	11,087	10,616							
47	57	92 292	2 764,079	30 230,357	10,937	10,466							
48	58	91 657	2 547,642	27 466,279	10,781	10,310							
49	59	90 960	2 346,419	24 918,637	10,620	10,149							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß   7,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 572	99 572,003	1 360 674,918	13,665	13,195	50	61	89 720	2 147,962	22 220,574	10,345	9,874
1	12	99 179	92 045,425	1 261 102,915	13,701	13,230	51	62	88 848	1 974,082	20 072,613	10,168	9,697
2	13	99 139	85 390,161	1 169 057,491	13,691	13,220	52	63	87 870	1 811,926	18 098,530	9,989	9,518
3	14	99 111	79 226,354	1 083 667,329	13,678	13,207	53	64	86 841	1 661,910	16 286,604	9,800	9,329
4	15	99 086	73 509,746	1 004 440,975	13,664	13,193	54	65	85 727	1 522,589	14 624,694	9,605	9,134
5	16	99 061	68 204,862	930 931,229	13,649	13,178	55	66	84 530	1 393,357	13 102,105	9,403	8,933
6	17	99 035	63 282,598	862 726,367	13,633	13,162	56	67	83 240	1 273,402	11 708,748	9,195	8,724
7	18	99 008	58 715,321	799 443,769	13,616	13,145	57	68	81 879	1 162,484	10 435,345	8,977	8,506
8	19	98 978	54 475,241	740 728,449	13,598	13,127	58	69	80 431	1 059,799	9 272,862	8,750	8,279
9	20	98 949	50 542,416	686 253,207	13,578	13,107	59	70	78 877	964,567	8 213,063	8,515	8,044
10	21	98 919	46 893,019	635 710,791	13,557	13,086	60	71	77 218	876,358	7 248,495	8,271	7,800
11	22	98 890	43 507,206	588 817,772	13,534	13,063	61	72	75 431	794,509	6 372,137	8,020	7,550
12	23	98 859	40 365,395	545 310,566	13,509	13,039	62	73	73 509	718,574	5 577,628	7,762	7,291
13	24	98 825	37 449,353	504 945,170	13,483	13,013	63	74	71 447	648,181	4 859,054	7,496	7,026
14	25	98 795	34 744,901	467 495,817	13,455	12,984	64	75	69 231	582,902	4 210,873	7,224	6,753
15	26	98 758	32 233,916	432 750,916	13,425	12,955	65	76	66 791	521,906	3 627,971	6,951	6,481
16	27	98 717	29 903,062	400 517,001	13,394	12,923	66	77	64 174	465,389	3 106,065	6,674	6,203
17	28	98 665	27 737,601	370 613,939	13,361	12,891	67	78	61 362	412,995	2 640,676	6,394	5,923
18	29	98 607	25 727,325	342 876,337	13,327	12,857	68	79	58 333	364,365	2 227,681	6,114	5,643
19	30	98 531	23 858,524	317 149,013	13,293	12,822	69	80	55 138	319,640	1 863,316	5,829	5,359
20	31	98 455	22 125,397	293 290,489	13,256	12,785	70	81	51 729	278,307	1 543,676	5,547	5,076
21	32	98 372	20 516,768	271 165,092	13,217	12,746	71	82	48 145	240,397	1 265,369	5,264	4,793
22	33	98 284	19 024,048	250 648,324	13,175	12,705	72	83	44 357	205,548	1 024,972	4,987	4,516
23	34	98 196	17 639,895	231 624,276	13,131	12,660	73	84	40 448	173,954	819,424	4,711	4,240
24	35	98 103	16 355,623	213 984,381	13,083	12,613	74	85	36 403	145,297	645,470	4,442	3,972
25	36	98 009	15 164,705	197 628,758	13,032	12,561	75	86	32 259	119,498	500,174	4,186	3,715
26	37	97 909	14 059,555	182 464,053	12,978	12,507	76	87	28 126	96,693	380,676	3,937	3,466
27	38	97 799	13 033,770	168 404,498	12,921	12,450	77	88	24 036	76,690	283,983	3,703	3,232
28	39	97 683	12 081,920	155 370,728	12,860	12,389	78	89	20 111	59,550	207,293	3,481	3,010
29	40	97 560	11 198,767	143 288,808	12,795	12,324	79	90	16 353	44,940	147,743	3,288	2,817
30	41	97 427	10 379,118	132 090,041	12,727	12,256	80	91	13 008	33,176	102,804	3,099	2,628
31	42	97 287	9 618,713	121 710,923	12,654	12,183	81	92	10 001	23,672	69,627	2,941	2,471
32	43	97 131	8 912,568	112 092,210	12,577	12,106	82	93	7 518	16,515	45,955	2,783	2,312
33	44	96 960	8 256,981	103 179,642	12,496	12,025	83	94	5 481	11,174	29,440	2,635	2,164
34	45	96 777	7 648,642	94 922,662	12,410	11,940	84	95	3 870	7,322	18,266	2,495	2,024
35	46	96 577	7 083,874	87 274,020	12,320	11,849	85	96	2 635	4,627	10,944	2,365	1,895
36	47	96 360	6 559,583	80 190,146	12,225	11,754	86	97	1 727	2,814	6,317	2,245	1,774
37	48	96 118	6 072,472	73 630,563	12,125	11,655	87	98	1 086	1,642	3,503	2,133	1,663
38	49	95 857	5 620,400	67 558,091	12,020	11,549	88	99	652	0,916	1,861	2,032	1,561
39	50	95 555	5 199,694	61 937,691	11,912	11,441	89	100	375	0,488	0,945	1,937	1,466
40	51	95 235	4 809,543	56 737,997	11,797	11,326							
41	52	94 880	4 446,980	51 928,453	11,677	11,207							
42	53	94 490	4 110,160	47 481,473	11,552	11,082							
43	54	94 062	3 797,249	43 371,313	11,422	10,951							
44	55	93 594	3 506,618	39 574,064	11,286	10,815							
45	56	93 077	3 236,420	36 067,446	11,144	10,674							
46	57	92 521	2 985,680	32 831,026	10,996	10,526							
47	58	91 923	2 753,032	29 845,346	10,841	10,370							
48	59	91 253	2 536,401	27 092,315	10,681	10,211							
49	60	90 531	2 335,339	24 555,913	10,515	10,044							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß   7,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	12	99 564	99 564,040	1 359 828,028	13,658	13,187	50	62	89 205	2 135,618	21 845,855	10,229	9,759
1	13	99 171	92 038,015	1 260 263,988	13,693	13,222	51	63	88 287	1 961,631	19 710,237	10,048	9,577
2	14	99 130	85 382,512	1 168 225,973	13,682	13,212	52	64	87 278	1 799,717	17 748,606	9,862	9,391
3	15	99 100	79 217,767	1 082 843,460	13,669	13,199	53	65	86 202	1 649,696	15 948,889	9,668	9,197
4	16	99 074	73 500,499	1 003 625,693	13,655	13,184	54	66	85 057	1 510,698	14 299,193	9,465	8,995
5	17	99 046	68 194,367	930 125,194	13,639	13,169	55	67	83 807	1 381,438	12 788,495	9,257	8,787
6	18	99 019	63 272,443	861 930,827	13,623	13,152	56	68	82 480	1 261,773	11 407,057	9,040	8,570
7	19	98 986	58 701,909	798 658,384	13,605	13,135	57	69	81 084	1 151,195	10 145,283	8,813	8,342
8	20	98 957	54 463,990	739 956,475	13,586	13,115	58	70	79 577	1 048,542	8 994,088	8,578	8,107
9	21	98 927	50 531,196	685 492,485	13,566	13,095	59	71	77 962	953,374	7 945,546	8,334	7,863
10	22	98 899	46 883,205	634 961,288	13,543	13,073	60	72	76 224	865,073	6 992,172	8,083	7,612
11	23	98 868	43 497,446	588 078,084	13,520	13,049	61	73	74 339	783,006	6 127,099	7,825	7,354
12	24	98 836	40 356,169	544 580,637	13,494	13,024	62	74	72 314	706,889	5 344,093	7,560	7,089
13	25	98 806	37 441,783	504 224,469	13,467	12,996	63	75	70 118	636,120	4 637,203	7,290	6,819
14	26	98 773	34 737,258	466 782,686	13,438	12,967	64	76	67 746	570,394	4 001,084	7,015	6,544
15	27	98 735	32 226,287	432 045,428	13,407	12,936	65	77	65 155	509,123	3 430,689	6,738	6,268
16	28	98 691	29 895,029	399 819,141	13,374	12,903	66	78	62 394	452,487	2 921,566	6,457	5,986
17	29	98 640	27 730,587	369 924,112	13,340	12,869	67	79	59 395	399,751	2 469,080	6,177	5,706
18	30	98 578	25 719,943	342 193,525	13,305	12,834	68	80	56 215	351,136	2 069,329	5,893	5,423
19	31	98 503	23 851,771	316 473,582	13,268	12,798	69	81	52 835	306,290	1 718,193	5,610	5,139
20	32	98 425	22 118,715	292 621,811	13,230	12,759	70	82	49 267	265,062	1 411,902	5,327	4,856
21	33	98 337	20 509,495	270 503,096	13,189	12,719	71	83	45 491	227,140	1 146,840	5,049	4,578
22	34	98 248	19 017,092	249 993,601	13,146	12,675	72	84	41 575	192,658	919,700	4,774	4,303
23	35	98 154	17 632,402	230 976,509	13,100	12,629	73	85	37 523	161,374	727,042	4,505	4,035
24	36	98 064	16 349,118	213 344,107	13,049	12,579	74	86	33 390	133,273	565,668	4,244	3,774
25	37	97 962	15 157,498	196 994,989	12,997	12,526	75	87	29 220	108,239	432,395	3,995	3,524
26	38	97 856	14 052,052	181 837,491	12,940	12,470	76	88	25 080	86,222	324,156	3,760	3,289
27	39	97 745	13 026,514	167 785,439	12,880	12,410	77	89	21 097	67,312	237,935	3,535	3,064
28	40	97 619	12 073,927	154 758,925	12,818	12,347	78	90	17 265	51,123	170,623	3,338	2,867
29	41	97 491	11 190,858	142 684,998	12,750	12,279	79	91	13 822	37,983	119,500	3,146	2,675
30	42	97 349	10 370,799	131 494,140	12,679	12,209	80	92	10 697	27,281	81,517	2,988	2,517
31	43	97 200	9 610,151	121 123,341	12,604	12,133	81	93	8 108	19,193	54,236	2,826	2,355
32	44	97 031	8 903,442	111 513,190	12,525	12,054	82	94	5 960	13,092	35,043	2,677	2,206
33	45	96 851	8 247,707	102 609,748	12,441	11,970	83	95	4 243	8,650	21,951	2,538	2,067
34	46	96 654	7 638,934	94 362,041	12,353	11,882	84	96	2 922	5,528	13,301	2,406	1,935
35	47	96 441	7 073,892	86 723,107	12,260	11,789	85	97	1 937	3,402	7,773	2,285	1,814
36	48	96 203	6 548,857	79 649,215	12,162	11,692	86	98	1 235	2,013	4,371	2,172	1,701
37	49	95 948	6 061,733	73 100,358	12,059	11,589	87	99	754	1,141	2,358	2,067	1,596
38	50	95 660	5 608,835	67 038,624	11,952	11,482	88	100	440	0,617	1,217	1,972	1,501
39	51	95 344	5 188,239	61 429,789	11,840	11,370							
40	52	95 002	4 797,776	56 241,550	11,722	11,252							
41	53	94 619	4 434,771	51 443,774	11,600	11,129							
42	54	94 206	4 097,803	47 009,003	11,472	11,001							
43	55	93 761	3 785,131	42 911,200	11,337	10,866							
44	56	93 263	3 494,194	39 126,069	11,197	10,727							
45	57	92 726	3 224,211	35 631,875	11,051	10,581							
46	58	92 151	2 973,747	32 407,664	10,898	10,427							
47	59	91 517	2 740,884	29 433,917	10,739	10,268							
48	60	90 822	2 524,424	26 693,032	10,574	10,103							
49	61	90 043	2 322,753	24 168,608	10,405	9,934							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß   7,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	13	99 556	99 556,026	1 358 915,131	13,650	13,179	50	63	88 642	2 122,147	21 446,942	10,106	9,636
1	14	99 162	92 029,770	1 259 359,106	13,684	13,214	51	64	87 692	1 948,413	19 324,795	9,918	9,448
2	15	99 119	85 373,258	1 167 329,335	13,673	13,203	52	65	86 636	1 786,490	17 376,382	9,727	9,256
3	16	99 088	79 207,802	1 081 956,077	13,660	13,189	53	66	85 529	1 636,812	15 589,891	9,525	9,054
4	17	99 059	73 489,189	1 002 748,275	13,645	13,174	54	67	84 330	1 497,775	13 953,079	9,316	8,845
5	18	99 030	68 183,424	929 259,085	13,629	13,158	55	68	83 042	1 368,822	12 455,304	9,099	8,629
6	19	98 996	63 257,991	861 075,662	13,612	13,141	56	69	81 679	1 249,521	11 086,482	8,873	8,402
7	20	98 965	58 689,785	797 817,671	13,594	13,123	57	70	80 223	1 138,968	9 836,961	8,637	8,166
8	21	98 935	54 451,900	739 127,886	13,574	13,103	58	71	78 654	1 036,374	8 697,993	8,393	7,922
9	22	98 906	50 520,621	684 675,986	13,552	13,082	59	72	76 958	941,097	7 661,619	8,141	7,670
10	23	98 876	46 872,687	634 155,365	13,529	13,059	60	73	75 120	852,549	6 720,522	7,883	7,412
11	24	98 845	43 487,504	587 282,678	13,505	13,034	61	74	73 131	770,274	5 867,973	7,618	7,147
12	25	98 817	40 348,011	543 795,174	13,478	13,007	62	75	70 968	693,736	5 097,699	7,348	6,878
13	26	98 784	37 433,546	503 447,163	13,449	12,978	63	76	68 613	622,470	4 403,963	7,075	6,604
14	27	98 749	34 729,037	466 013,617	13,419	12,948	64	77	66 086	556,424	3 781,494	6,796	6,325
15	28	98 708	32 217,629	431 284,580	13,387	12,916	65	78	63 348	495,008	3 225,070	6,515	6,045
16	29	98 666	29 887,469	399 066,951	13,352	12,882	66	79	60 394	437,976	2 730,061	6,233	5,763
17	30	98 612	27 722,631	369 179,482	13,317	12,846	67	80	57 238	385,237	2 292,085	5,950	5,479
18	31	98 550	25 712,664	341 456,851	13,280	12,809	68	81	53 867	336,471	1 906,848	5,667	5,197
19	32	98 473	23 844,567	315 744,187	13,242	12,771	69	82	50 321	291,714	1 570,377	5,383	4,913
20	33	98 390	22 110,874	291 899,620	13,202	12,731	70	83	46 550	250,446	1 278,663	5,106	4,635
21	34	98 301	20 501,996	269 788,746	13,159	12,688	71	84	42 638	212,896	1 028,217	4,830	4,359
22	35	98 206	19 009,014	249 286,750	13,114	12,643	72	85	38 568	178,726	815,321	4,562	4,091
23	36	98 115	17 625,389	230 277,736	13,065	12,594	73	86	34 418	148,020	636,596	4,301	3,830
24	37	98 017	16 341,348	212 652,347	13,013	12,542	74	87	30 244	120,715	488,576	4,047	3,577
25	38	97 910	15 149,409	196 310,999	12,958	12,488	75	88	26 056	96,517	367,861	3,811	3,341
26	39	97 802	14 044,229	181 161,590	12,899	12,429	76	89	22 013	75,678	271,344	3,586	3,115
27	40	97 680	13 017,896	167 117,361	12,838	12,367	77	90	18 111	57,786	195,666	3,386	2,915
28	41	97 550	12 065,400	154 099,465	12,772	12,301	78	91	14 592	43,209	137,880	3,191	2,720
29	42	97 413	11 181,889	142 034,064	12,702	12,231	79	92	11 366	31,234	94,671	3,031	2,560
30	43	97 262	10 361,568	130 852,175	12,629	12,158	80	93	8 673	22,119	63,437	2,868	2,397
31	44	97 100	9 600,311	120 490,607	12,551	12,080	81	94	6 428	15,215	41,318	2,716	2,245
32	45	96 922	8 893,442	110 890,296	12,469	11,998	82	95	4 613	10,135	26,103	2,576	2,105
33	46	96 728	8 237,239	101 996,855	12,382	11,912	83	96	3 203	6,530	15,968	2,445	1,974
34	47	96 518	7 628,170	93 759,616	12,291	11,821	84	97	2 148	4,065	9,437	2,322	1,851
35	48	96 284	7 062,326	86 131,446	12,196	11,725	85	98	1 386	2,433	5,373	2,208	1,737
36	49	96 033	6 537,276	79 069,120	12,095	11,624	86	99	858	1,399	2,940	2,102	1,631
37	50	95 751	6 049,206	72 531,845	11,990	11,520	87	100	509	0,769	1,541	2,004	1,533
38	51	95 449	5 596,479	66 482,584	11,879	11,409							
39	52	95 111	5 175,545	60 886,105	11,764	11,294							
40	53	94 741	4 784,604	55 710,560	11,644	11,173							
41	54	94 335	4 421,438	50 925,957	11,518	11,047							
42	55	93 905	4 084,726	46 504,519	11,385	10,914							
43	56	93 429	3 771,720	42 419,793	11,247	10,776							
44	57	92 911	3 481,013	38 648,073	11,103	10,632							
45	58	92 355	3 211,326	35 167,060	10,951	10,480							
46	59	91 744	2 960,626	31 955,735	10,794	10,323							
47	60	91 085	2 727,942	28 995,108	10,629	10,158							
48	61	90 333	2 510,819	26 267,167	10,462	9,991							
49	62	89 525	2 309,405	23 756,347	10,287	9,816							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß   7,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	14	99 547	99 547,108	1 357 931,056	13,641	13,170
1	15	99 151	92 019,796	1 258 383,949	13,675	13,204
2	16	99 106	85 362,519	1 166 364,153	13,664	13,193
3	17	99 072	79 195,614	1 081 001,634	13,650	13,179
4	18	99 043	73 477,397	1 001 806,020	13,634	13,164
5	19	99 007	68 167,850	928 328,623	13,618	13,148
6	20	98 976	63 244,926	860 160,773	13,600	13,130
7	21	98 943	58 676,756	796 915,848	13,581	13,111
8	22	98 915	54 440,503	738 239,091	13,560	13,090
9	23	98 884	50 509,287	683 798,588	13,538	13,067
10	24	98 854	46 861,973	633 289,300	13,514	13,043
11	25	98 825	43 478,713	586 427,327	13,488	13,017
12	26	98 795	40 339,135	542 948,614	13,460	12,989
13	27	98 760	37 424,687	502 609,479	13,430	12,959
14	28	98 723	34 719,707	465 184,791	13,398	12,928
15	29	98 683	32 209,482	430 465,085	13,365	12,894
16	30	98 637	29 878,894	398 255,602	13,329	12,858
17	31	98 584	27 714,784	368 376,708	13,292	12,821
18	32	98 521	25 704,898	340 661,924	13,253	12,782
19	33	98 438	23 836,115	314 957,026	13,213	12,743
20	34	98 354	22 102,790	291 120,911	13,171	12,701
21	35	98 259	20 493,287	269 018,122	13,127	12,656
22	36	98 167	19 001,453	248 524,834	13,079	12,609
23	37	98 069	17 617,013	229 523,381	13,029	12,558
24	38	97 965	16 332,627	211 906,368	12,974	12,504
25	39	97 856	15 140,975	195 573,741	12,917	12,446
26	40	97 737	14 034,938	180 432,766	12,856	12,385
27	41	97 611	13 008,703	166 397,828	12,791	12,321
28	42	97 471	12 055,730	153 389,125	12,723	12,253
29	43	97 326	11 171,936	141 333,396	12,651	12,180
30	44	97 163	10 350,958	130 161,459	12,575	12,104
31	45	96 991	9 589,528	119 810,501	12,494	12,023
32	46	96 799	8 882,154	110 220,973	12,409	11,939
33	47	96 592	8 225,632	101 338,819	12,320	11,849
34	48	96 360	7 615,697	93 113,187	12,226	11,756
35	49	96 113	7 049,837	85 497,491	12,128	11,657
36	50	95 835	6 523,824	78 447,654	12,025	11,554
37	51	95 540	6 035,934	71 923,830	11,916	11,445
38	52	95 215	5 582,786	65 887,896	11,802	11,331
39	53	94 850	5 161,336	60 305,110	11,684	11,213
40	54	94 456	4 770,219	55 143,774	11,560	11,089
41	55	94 034	4 407,328	50 373,555	11,429	10,959
42	56	93 572	4 070,253	45 966,227	11,293	10,823
43	57	93 077	3 757,492	41 895,974	11,150	10,679
44	58	92 539	3 467,101	38 138,482	11,000	10,529
45	59	91 948	3 197,156	34 671,382	10,844	10,374
46	60	91 311	2 946,646	31 474,225	10,681	10,211
47	61	90 594	2 713,240	28 527,579	10,514	10,044
48	62	89 814	2 496,390	25 814,339	10,341	9,870
49	63	88 961	2 294,838	23 317,949	10,161	9,690
50	64	88 045	2 107,849	21 023,111	9,974	9,503
51	65	87 048	1 934,094	18 915,262	9,780	9,309
52	66	85 960	1 772,538	16 981,168	9,580	9,109
53	67	84 798	1 622,810	15 208,630	9,372	8,901
54	68	83 559	1 484,097	13 585,820	9,154	8,684
55	69	82 236	1 355,530	12 101,723	8,928	8,457
56	70	80 812	1 236,249	10 746,193	8,693	8,222
57	71	79 292	1 125,750	9 509,944	8,448	7,977
58	72	77 641	1 023,029	8 384,193	8,195	7,725
59	73	75 844	927,472	7 361,165	7,937	7,466
60	74	73 899	838,685	6 433,692	7,671	7,201
61	75	71 770	755,941	5 595,007	7,401	6,931
62	76	69 446	678,850	4 839,067	7,128	6,658
63	77	66 933	607,224	4 160,217	6,851	6,381
64	78	64 254	540,998	3 552,993	6,567	6,097
65	79	61 317	479,134	3 011,995	6,286	5,816
66	80	58 201	422,075	2 532,861	6,001	5,530
67	81	54 848	369,148	2 110,786	5,718	5,247
68	82	51 303	320,458	1 741,638	5,435	4,964
69	83	47 546	275,628	1 421,180	5,156	4,685
70	84	43 631	234,740	1 145,553	4,880	4,409
71	85	39 554	197,500	910,813	4,612	4,141
72	86	35 377	163,935	713,313	4,351	3,881
73	87	31 175	134,073	549,377	4,098	3,627
74	88	26 969	107,643	415,304	3,858	3,388
75	89	22 869	84,714	307,662	3,632	3,161
76	90	18 898	64,968	222,947	3,432	2,961
77	91	15 308	48,841	157,979	3,235	2,764
78	92	11 999	35,531	109,138	3,072	2,601
79	93	9 215	25,324	73,607	2,907	2,436
80	94	6 875	17,535	48,283	2,754	2,283
81	95	4 976	11,778	30,748	2,611	2,140
82	96	3 483	7,651	18,970	2,479	2,009
83	97	2 355	4,802	11,319	2,357	1,887
84	98	1 536	2,907	6,517	2,242	1,771
85	99	963	1,691	3,610	2,135	1,665
86	100	578	0,943	1,919	2,036	1,565

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß   7,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	15	99 536	99 536,318	1 356 871,161	13,632	13,161	50	65	87 398	2 092,357	20 573,275	9,833	9,362
1	16	99 139	92 008,220	1 257 334,843	13,665	13,195	51	66	86 368	1 918,989	18 480,918	9,631	9,160
2	17	99 091	85 349,384	1 165 326,623	13,654	13,183	52	67	85 224	1 757,375	16 561,929	9,424	8,954
3	18	99 057	79 182,906	1 079 977,239	13,639	13,168	53	68	84 023	1 607,990	14 804,554	9,207	8,736
4	19	99 020	73 460,613	1 000 794,333	13,624	13,153	54	69	82 748	1 469,686	13 196,564	8,979	8,509
5	20	98 987	68 153,770	927 333,720	13,606	13,136	55	70	81 362	1 341,133	11 726,878	8,744	8,273
6	21	98 954	63 230,886	859 179,949	13,588	13,117	56	71	79 874	1 221,903	10 385,746	8,500	8,029
7	22	98 923	58 664,476	795 949,063	13,568	13,097	57	72	78 271	1 111,254	9 163,843	8,246	7,776
8	23	98 892	54 428,291	737 284,587	13,546	13,075	58	73	76 517	1 008,218	8 052,589	7,987	7,516
9	24	98 862	50 497,742	682 856,296	13,523	13,052	59	74	74 611	912,390	7 044,372	7,721	7,250
10	25	98 834	46 852,501	632 358,555	13,497	13,026	60	75	72 523	823,079	6 131,981	7,450	6,979
11	26	98 803	43 469,149	585 506,054	13,469	12,999	61	76	70 230	739,720	5 308,902	7,177	6,706
12	27	98 771	40 329,588	542 036,905	13,440	12,970	62	77	67 745	662,223	4 569,182	6,900	6,429
13	28	98 734	37 414,633	501 707,317	13,409	12,939	63	78	65 077	590,389	3 906,959	6,618	6,147
14	29	98 698	34 710,927	464 292,683	13,376	12,905	64	79	62 194	523,649	3 316,570	6,334	5,863
15	30	98 655	32 200,241	429 581,756	13,341	12,870	65	80	59 091	461,739	2 792,921	6,049	5,578
16	31	98 609	29 870,437	397 381,516	13,304	12,833	66	81	55 770	404,447	2 331,182	5,764	5,293
17	32	98 554	27 706,414	367 511,078	13,264	12,794	67	82	52 237	351,580	1 926,736	5,480	5,010
18	33	98 486	25 695,786	339 804,665	13,224	12,753	68	83	48 474	302,787	1 575,156	5,202	4,732
19	34	98 402	23 827,400	314 108,879	13,183	12,712	69	84	44 564	258,343	1 272,369	4,925	4,454
20	35	98 312	22 093,401	290 281,479	13,139	12,668	70	85	40 476	217,764	1 014,026	4,657	4,186
21	36	98 220	20 485,136	268 188,078	13,092	12,621	71	86	36 281	181,156	796,262	4,395	3,925
22	37	98 121	18 992,423	247 702,942	13,042	12,572	72	87	32 043	148,489	615,106	4,142	3,672
23	38	98 016	17 607,611	228 710,518	12,989	12,519	73	88	27 799	119,554	466,617	3,903	3,432
24	39	97 910	16 323,535	211 102,907	12,932	12,462	74	89	23 671	94,480	347,063	3,673	3,203
25	40	97 791	15 130,958	194 779,373	12,873	12,402	75	90	19 633	72,726	252,584	3,473	3,002
26	41	97 668	14 025,026	179 648,414	12,809	12,338	76	91	15 973	54,911	179,858	3,275	2,805
27	42	97 533	12 998,276	165 623,388	12,742	12,271	77	92	12 588	40,163	124,946	3,111	2,640
28	43	97 385	12 044,999	152 625,112	12,671	12,201	78	93	9 729	28,808	84,784	2,943	2,472
29	44	97 226	11 160,497	140 580,113	12,596	12,126	79	94	7 305	20,075	55,976	2,788	2,318
30	45	97 053	10 339,333	129 419,616	12,517	12,047	80	95	5 322	13,574	35,900	2,645	2,174
31	46	96 868	9 577,357	119 080,283	12,434	11,963	81	96	3 757	8,892	22,326	2,511	2,040
32	47	96 663	8 869,638	109 502,926	12,346	11,875	82	97	2 561	5,626	13,434	2,388	1,917
33	48	96 434	8 212,182	100 633,288	12,254	11,783	83	98	1 685	3,434	7,809	2,274	1,803
34	49	96 190	7 602,229	92 421,107	12,157	11,686	84	99	1 068	2,020	4,374	2,166	1,695
35	50	95 916	7 035,330	84 818,878	12,056	11,585	85	100	649	1,140	2,354	2,066	1,595
36	51	95 624	6 509,452	77 783,547	11,949	11,479							
37	52	95 306	6 021,165	71 274,095	11,837	11,367							
38	53	94 954	5 567,459	65 252,930	11,720	11,250							
39	54	94 565	5 145,818	59 685,471	11,599	11,128							
40	55	94 155	4 754,996	54 539,653	11,470	10,999							
41	56	93 701	4 391,712	49 784,657	11,336	10,865							
42	57	93 219	4 054,899	45 392,945	11,195	10,724							
43	58	92 705	3 742,475	41 338,046	11,046	10,575							
44	59	92 131	3 451,803	37 595,571	10,892	10,421							
45	60	91 514	3 182,059	34 143,768	10,730	10,259							
46	61	90 819	2 930,766	30 961,708	10,564	10,094							
47	62	90 074	2 697,648	28 030,943	10,391	9,920							
48	63	89 247	2 480,644	25 333,295	10,212	9,742							
49	64	88 361	2 279,376	22 852,651	10,026	9,555							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß   7,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	16	99 524	99 523,797	1 355 731,503	13,622	13,152	50	66	86 715	2 076,016	20 096,678	9,680	9,210
1	17	99 124	91 994,063	1 256 207,706	13,655	13,185	51	67	85 629	1 902,573	18 020,662	9,472	9,001
2	18	99 075	85 335,688	1 164 213,643	13,643	13,172	52	68	84 446	1 741,327	16 118,089	9,256	8,786
3	19	99 034	79 164,820	1 078 877,955	13,628	13,158	53	69	83 207	1 592,376	14 376,762	9,028	8,558
4	20	99 000	73 445,441	999 713,135	13,612	13,141	54	70	81 869	1 454,075	12 784,387	8,792	8,321
5	21	98 965	68 138,641	926 267,694	13,594	13,123	55	71	80 418	1 325,569	11 330,312	8,548	8,077
6	22	98 933	63 217,652	858 129,053	13,574	13,104	56	72	78 845	1 206,168	10 004,743	8,295	7,824
7	23	98 901	58 651,316	794 911,401	13,553	13,083	57	73	77 137	1 095,165	8 798,575	8,034	7,563
8	24	98 870	54 415,850	736 260,085	13,530	13,060	58	74	75 272	991,823	7 703,409	7,767	7,296
9	25	98 842	50 487,534	681 844,236	13,505	13,035	59	75	73 222	895,413	6 711,586	7,496	7,025
10	26	98 812	46 842,194	631 356,701	13,478	13,008	60	76	70 967	805,418	5 816,173	7,221	6,751
11	27	98 780	43 458,861	584 514,507	13,450	12,979	61	77	68 510	721,602	5 010,756	6,944	6,473
12	28	98 745	40 318,754	541 055,646	13,419	12,949	62	78	65 867	643,864	4 289,154	6,662	6,191
13	29	98 709	37 405,172	500 736,892	13,387	12,916	63	79	62 990	571,457	3 645,290	6,379	5,908
14	30	98 670	34 700,968	463 331,720	13,352	12,881	64	80	59 936	504,637	3 073,834	6,091	5,621
15	31	98 627	32 191,127	428 630,752	13,315	12,845	65	81	56 623	442,454	2 569,196	5,807	5,336
16	32	98 580	29 861,416	396 439,625	13,276	12,805	66	82	53 116	385,199	2 126,742	5,521	5,050
17	33	98 519	27 696,593	366 578,210	13,235	12,765	67	83	49 357	332,192	1 741,543	5,243	4,772
18	34	98 450	25 686,391	338 881,617	13,193	12,722	68	84	45 434	283,798	1 409,351	4,966	4,495
19	35	98 360	23 817,279	313 195,226	13,150	12,679	69	85	41 342	239,660	1 125,553	4,696	4,226
20	36	98 273	22 084,613	289 377,948	13,103	12,632	70	86	37 126	199,743	885,892	4,435	3,964
21	37	98 174	20 475,401	267 293,335	13,054	12,584	71	87	32 863	164,087	686,149	4,182	3,711
22	38	98 068	18 982,287	246 817,933	13,003	12,532	72	88	28 573	132,409	522,062	3,943	3,472
23	39	97 962	17 597,808	227 835,646	12,947	12,476	73	89	24 399	104,934	389,653	3,713	3,243
24	40	97 846	16 312,736	210 237,837	12,888	12,417	74	90	20 321	81,109	284,719	3,510	3,040
25	41	97 722	15 120,273	193 925,102	12,826	12,355	75	91	16 594	61,468	203,610	3,312	2,842
26	42	97 590	14 013,785	178 804,829	12,759	12,289	76	92	13 134	45,154	142,142	3,148	2,677
27	43	97 446	12 986,707	164 791,044	12,689	12,219	77	93	10 206	32,563	96,987	2,978	2,508
28	44	97 285	12 032,666	151 804,337	12,616	12,145	78	94	7 713	22,837	64,424	2,821	2,350
29	45	97 117	11 147,962	139 771,671	12,538	12,067	79	95	5 655	15,541	41,587	2,676	2,205
30	46	96 930	10 326,210	128 623,710	12,456	11,985	80	96	4 018	10,248	26,046	2,542	2,071
31	47	96 732	9 563,861	118 297,500	12,369	11,899	81	97	2 762	6,538	15,799	2,416	1,946
32	48	96 505	8 855,135	108 733,639	12,279	11,808	82	98	1 832	4,024	9,261	2,301	1,831
33	49	96 263	8 197,659	99 878,503	12,184	11,713	83	99	1 170	2,386	5,237	2,195	1,724
34	50	95 992	7 586,586	91 680,844	12,085	11,614	84	100	720	1,362	2,851	2,093	1,623
35	51	95 704	7 019,832	84 094,258	11,980	11,509							
36	52	95 390	6 493,525	77 074,427	11,869	11,399							
37	53	95 044	6 004,635	70 580,901	11,754	11,284							
38	54	94 669	5 550,720	64 576,267	11,634	11,163							
39	55	94 263	5 129,397	59 025,547	11,507	11,037							
40	56	93 821	4 738,148	53 896,150	11,375	10,904							
41	57	93 347	4 375,146	49 158,002	11,236	10,765							
42	58	92 847	4 038,693	44 782,856	11,088	10,618							
43	59	92 296	3 725,962	40 744,163	10,935	10,465							
44	60	91 696	3 435,504	37 018,201	10,775	10,305							
45	61	91 020	3 164,910	33 582,697	10,611	10,140							
46	62	90 297	2 913,923	30 417,787	10,439	9,968							
47	63	89 505	2 680,632	27 503,864	10,260	9,790							
48	64	88 646	2 463,930	24 823,232	10,075	9,604							
49	65	87 712	2 262,624	22 359,302	9,882	9,411							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß   7,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	17	99 508	99 508,483	1 354 507,690	13,612	13,141	50	67	85 973	2 058,257	19 592,149	9,519	9,048
1	18	99 108	91 979,300	1 254 999,207	13,644	13,174	51	68	84 847	1 885,198	17 533,892	9,301	8,830
2	19	99 053	85 316,196	1 163 019,906	13,632	13,161	52	69	83 626	1 724,417	15 648,694	9,075	8,604
3	20	99 013	79 148,469	1 077 703,710	13,616	13,146	53	70	82 323	1 575,462	13 924,276	8,838	8,368
4	21	98 978	73 429,137	998 555,241	13,599	13,128	54	71	80 919	1 437,201	12 348,814	8,592	8,122
5	22	98 944	68 124,380	925 126,105	13,580	13,109	55	72	79 382	1 308,499	10 911,613	8,339	7,868
6	23	98 911	63 203,471	857 001,724	13,559	13,089	56	73	77 704	1 188,705	9 603,114	8,079	7,608
7	24	98 878	58 637,909	793 798,254	13,537	13,067	57	74	75 883	1 077,357	8 414,408	7,810	7,340
8	25	98 850	54 404,850	735 160,344	13,513	13,042	58	75	73 872	973,367	7 337,052	7,538	7,067
9	26	98 820	50 476,428	680 755,494	13,487	13,016	59	76	71 651	876,199	6 363,684	7,263	6,792
10	27	98 789	46 831,108	630 279,066	13,459	12,988	60	77	69 229	785,691	5 487,485	6,984	6,514
11	28	98 753	43 447,186	583 447,958	13,429	12,958	61	78	66 610	701,596	4 701,794	6,702	6,231
12	29	98 720	40 308,559	540 000,772	13,397	12,926	62	79	63 754	623,216	4 000,198	6,419	5,948
13	30	98 681	37 394,440	499 692,214	13,363	12,892	63	80	60 703	550,709	3 376,982	6,132	5,661
14	31	98 642	34 691,146	462 297,774	13,326	12,855	64	81	57 432	483,561	2 826,272	5,845	5,374
15	32	98 597	32 181,405	427 606,628	13,287	12,817	65	82	53 928	421,398	2 342,712	5,559	5,089
16	33	98 545	29 850,831	395 425,223	13,247	12,776	66	83	50 187	363,957	1 921,314	5,279	4,808
17	34	98 483	27 686,466	365 574,392	13,204	12,733	67	84	46 262	311,360	1 557,356	5,002	4,531
18	35	98 408	25 675,480	337 887,927	13,160	12,689	68	85	42 149	263,275	1 245,997	4,733	4,262
19	36	98 321	23 807,805	312 212,447	13,114	12,643	69	86	37 920	219,827	982,721	4,470	4,000
20	37	98 227	22 074,118	288 404,642	13,065	12,595	70	87	33 628	180,923	762,894	4,217	3,746
21	38	98 121	20 464,474	266 330,524	13,014	12,544	71	88	29 304	146,318	581,971	3,977	3,507
22	39	98 014	18 971,720	245 866,050	12,960	12,489	72	89	25 079	116,217	435,653	3,749	3,278
23	40	97 897	17 586,167	226 894,330	12,902	12,431	73	90	20 946	90,084	319,436	3,546	3,075
24	41	97 777	16 301,215	209 308,163	12,840	12,369	74	91	17 176	68,554	229,352	3,346	2,875
25	42	97 644	15 108,154	193 006,948	12,775	12,304	75	92	13 645	50,546	160,798	3,181	2,711
26	43	97 503	14 001,312	177 898,794	12,706	12,235	76	93	10 649	36,610	110,252	3,012	2,541
27	44	97 347	12 973,409	163 897,483	12,633	12,163	77	94	8 091	25,814	73,642	2,853	2,382
28	45	97 176	12 019,151	150 924,073	12,557	12,086	78	95	5 970	17,679	47,828	2,705	2,235
29	46	96 994	11 133,812	138 904,922	12,476	12,005	79	96	4 269	11,732	30,149	2,570	2,099
30	47	96 794	10 311,659	127 771,110	12,391	11,920	80	97	2 954	7,535	18,417	2,444	1,973
31	48	96 574	9 548,223	117 459,451	12,302	11,831	81	98	1 976	4,676	10,882	2,327	1,856
32	49	96 334	8 839,476	107 911,228	12,208	11,737	82	99	1 273	2,796	6,205	2,220	1,749
33	50	96 065	8 180,791	99 071,752	12,110	11,640	83	100	789	1,609	3,410	2,120	1,649
34	51	95 780	7 569,873	90 890,961	12,007	11,536							
35	52	95 470	7 002,656	83 321,088	11,898	11,428							
36	53	95 128	6 475,698	76 318,432	11,785	11,315							
37	54	94 759	5 986,582	69 842,734	11,667	11,196							
38	55	94 366	5 533,007	63 856,153	11,541	11,070							
39	56	93 929	5 111,222	58 323,146	11,411	10,940							
40	57	93 467	4 720,275	53 211,924	11,273	10,802							
41	58	92 974	4 357,660	48 491,649	11,128	10,657							
42	59	92 437	4 020,874	44 133,989	10,976	10,506							
43	60	91 860	3 708,368	40 113,115	10,817	10,346							
44	61	91 202	3 416,988	36 404,748	10,654	10,183							
45	62	90 497	3 146,722	32 987,759	10,483	10,013							
46	63	89 727	2 895,543	29 841,037	10,306	9,835							
47	64	88 902	2 662,570	26 945,494	10,120	9,649							
48	65	87 994	2 445,821	24 282,923	9,928	9,458							
49	66	87 027	2 244,953	21 837,102	9,727	9,257							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß   7,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	18	99 493	99 492,515	1 353 196,154	13,601	13,130	50	68	85 188	2 039,461	19 059,053	9,345	8,874
1	19	99 085	91 958,291	1 253 703,639	13,633	13,163	51	69	84 023	1 866,892	17 019,593	9,117	8,646
2	20	99 032	85 298,575	1 161 745,348	13,620	13,149	52	70	82 738	1 706,101	15 152,701	8,881	8,411
3	21	98 992	79 130,899	1 076 446,773	13,603	13,133	53	71	81 368	1 557,179	13 446,600	8,635	8,165
4	22	98 957	73 413,769	997 315,874	13,585	13,114	54	72	79 877	1 418,694	11 889,420	8,381	7,910
5	23	98 922	68 109,098	923 902,105	13,565	13,094	55	73	78 233	1 289,555	10 470,726	8,120	7,649
6	24	98 888	63 189,023	855 793,007	13,543	13,073	56	74	76 440	1 169,376	9 181,171	7,851	7,381
7	25	98 858	58 626,056	792 603,984	13,520	13,049	57	75	74 471	1 057,310	8 011,795	7,578	7,107
8	26	98 828	54 392,882	733 977,927	13,494	13,023	58	76	72 287	952,481	6 954,486	7,301	6,831
9	27	98 796	50 464,482	679 585,045	13,467	12,996	59	77	69 896	854,739	6 002,005	7,022	6,551
10	28	98 762	46 818,527	629 120,563	13,437	12,967	60	78	67 310	763,909	5 147,266	6,738	6,267
11	29	98 728	43 436,199	582 302,036	13,406	12,935	61	79	64 474	679,097	4 383,357	6,455	5,984
12	30	98 692	40 296,993	538 865,837	13,372	12,902	62	80	61 440	600,590	3 704,260	6,168	5,697
13	31	98 653	37 383,856	498 568,844	13,336	12,866	63	81	58 168	527,709	3 103,670	5,881	5,411
14	32	98 612	34 680,669	461 184,988	13,298	12,827	64	82	54 699	460,548	2 575,962	5,593	5,123
15	33	98 562	32 169,997	426 504,319	13,258	12,787	65	83	50 954	398,160	2 115,414	5,313	4,842
16	34	98 509	29 839,916	394 334,322	13,215	12,744	66	84	47 040	341,133	1 717,254	5,034	4,563
17	35	98 441	27 674,705	364 494,406	13,171	12,700	67	85	42 916	288,844	1 376,121	4,764	4,294
18	36	98 369	25 665,267	336 819,700	13,124	12,653	68	86	38 661	241,488	1 087,277	4,502	4,032
19	37	98 275	23 796,491	311 154,433	13,076	12,605	69	87	34 348	199,115	845,789	4,248	3,777
20	38	98 174	22 062,338	287 357,942	13,025	12,554	70	88	29 987	161,331	646,674	4,008	3,538
21	39	98 067	20 453,081	265 295,604	12,971	12,500	71	89	25 720	128,425	485,344	3,779	3,309
22	40	97 949	18 959,169	244 842,523	12,914	12,444	72	90	21 530	99,770	356,919	3,577	3,107
23	41	97 828	17 573,747	225 883,354	12,853	12,383	73	91	17 704	76,139	257,148	3,377	2,907
24	42	97 698	16 288,150	208 309,607	12,789	12,318	74	92	14 124	56,373	181,009	3,211	2,740
25	43	97 557	15 094,706	192 021,458	12,721	12,250	75	93	11 063	40,982	124,636	3,041	2,571
26	44	97 403	13 986,975	176 926,751	12,649	12,179	76	94	8 442	29,022	83,655	2,882	2,412
27	45	97 237	12 958,838	162 939,776	12,574	12,103	77	95	6 263	19,983	54,632	2,734	2,263
28	46	97 052	12 003,896	149 980,938	12,494	12,024	78	96	4 507	13,347	34,649	2,596	2,125
29	47	96 857	11 118,124	137 977,042	12,410	11,939	79	97	3 139	8,627	21,303	2,469	1,999
30	48	96 635	10 294,798	126 858,918	12,323	11,852	80	98	2 113	5,389	12,676	2,352	1,881
31	49	96 403	9 531,338	116 564,120	12,230	11,759	81	99	1 373	3,249	7,287	2,243	1,772
32	50	96 136	8 821,287	107 032,782	12,133	11,663	82	100	858	1,885	4,037	2,142	1,672
33	51	95 853	8 162,769	98 211,495	12,032	11,561							
34	52	95 546	7 551,351	90 048,726	11,925	11,454							
35	53	95 208	6 983,431	82 497,375	11,813	11,343							
36	54	94 842	6 456,229	75 513,945	11,696	11,226							
37	55	94 456	5 967,477	69 057,716	11,572	11,102							
38	56	94 032	5 513,402	63 090,239	11,443	10,972							
39	57	93 574	5 091,942	57 576,837	11,307	10,837							
40	58	93 093	4 701,410	52 484,895	11,164	10,693							
41	59	92 564	4 338,433	47 783,485	11,014	10,543							
42	60	92 001	4 001,887	43 445,052	10,856	10,385							
43	61	91 365	3 688,382	39 443,166	10,694	10,223							
44	62	90 678	3 397,352	35 754,783	10,524	10,054							
45	63	89 927	3 126,874	32 357,431	10,348	9,878							
46	64	89 123	2 876,033	29 230,558	10,163	9,693							
47	65	88 249	2 643,002	26 354,524	9,971	9,501							
48	66	87 307	2 426,720	23 711,522	9,771	9,300							
49	67	86 283	2 225,749	21 284,802	9,563	9,092							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß   7,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	19	99 470	99 469,790	1 351 790,731	13,590	13,119	50	69	84 361	2 019,656	18 496,310	9,158	8,687
1	20	99 065	91 939,298	1 252 320,941	13,621	13,151	51	70	83 131	1 847,063	16 476,654	8,920	8,450
2	21	99 010	85 279,640	1 160 381,643	13,607	13,136	52	71	81 778	1 686,302	14 629,591	8,676	8,205
3	22	98 971	79 114,337	1 075 102,003	13,589	13,119	53	72	80 320	1 537,127	12 943,289	8,420	7,950
4	23	98 935	73 397,300	995 987,666	13,570	13,099	54	73	78 721	1 398,155	11 406,161	8,158	7,687
5	24	98 899	68 093,529	922 590,366	13,549	13,078	55	74	76 961	1 268,586	10 008,007	7,889	7,418
6	25	98 868	63 176,251	854 496,837	13,526	13,055	56	75	75 018	1 147,616	8 739,421	7,615	7,145
7	26	98 836	58 613,160	791 320,586	13,501	13,030	57	76	72 873	1 034,622	7 591,805	7,338	6,867
8	27	98 805	54 380,009	732 707,426	13,474	13,003	58	77	70 516	929,152	6 557,183	7,057	6,587
9	28	98 770	50 450,925	678 327,417	13,445	12,975	59	78	67 958	831,042	5 628,031	6,772	6,302
10	29	98 737	46 806,688	627 876,492	13,414	12,944	60	79	65 151	739,411	4 796,989	6,488	6,017
11	30	98 700	43 423,737	581 069,804	13,381	12,911	61	80	62 133	654,442	4 057,577	6,200	5,729
12	31	98 664	40 285,588	537 646,067	13,346	12,875	62	81	58 874	575,506	3 403,135	5,913	5,443
13	32	98 623	37 372,565	497 360,480	13,308	12,838	63	82	55 400	502,595	2 827,630	5,626	5,155
14	33	98 577	34 668,375	459 987,915	13,268	12,798	64	83	51 683	435,151	2 325,035	5,343	4,872
15	34	98 526	32 158,235	425 319,539	13,226	12,755	65	84	47 759	373,191	1 889,883	5,064	4,593
16	35	98 467	29 827,241	393 161,304	13,181	12,711	66	85	43 638	316,464	1 516,693	4,793	4,322
17	36	98 402	27 663,697	363 334,064	13,134	12,663	67	86	39 365	264,941	1 200,229	4,530	4,060
18	37	98 322	25 653,071	335 670,366	13,085	12,614	68	87	35 018	218,734	935,288	4,276	3,805
19	38	98 222	23 783,792	310 017,295	13,035	12,564	69	88	30 628	177,552	716,554	4,036	3,565
20	39	98 119	22 050,055	286 233,504	12,981	12,510	70	89	26 320	141,602	539,002	3,806	3,336
21	40	98 002	20 439,550	264 183,449	12,925	12,454	71	90	22 080	110,251	397,400	3,605	3,134
22	41	97 880	18 945,780	243 743,899	12,865	12,395	72	91	18 197	84,326	287,149	3,405	2,935
23	42	97 749	17 559,662	224 798,119	12,802	12,331	73	92	14 558	62,610	202,823	3,239	2,769
24	43	97 611	16 273,652	207 238,457	12,735	12,264	74	93	11 451	45,706	140,212	3,068	2,597
25	44	97 457	15 079,250	190 964,805	12,664	12,193	75	94	8 770	32,488	94,507	2,909	2,438
26	45	97 294	13 971,266	175 885,555	12,589	12,118	76	95	6 535	22,467	62,019	2,760	2,290
27	46	97 114	12 942,390	161 914,290	12,510	12,040	77	96	4 728	15,086	39,552	2,622	2,151
28	47	96 916	11 986,981	148 971,899	12,428	11,957	78	97	3 314	9,814	24,466	2,493	2,022
29	48	96 699	11 099,944	136 984,918	12,341	11,870	79	98	2 245	6,170	14,652	2,375	1,904
30	49	96 464	10 276,593	125 884,974	12,250	11,779	80	99	1 468	3,745	8,482	2,265	1,795
31	50	96 204	9 511,726	115 608,381	12,154	11,684	81	100	925	2,190	4,738	2,163	1,692
32	51	95 924	8 801,854	106 096,656	12,054	11,583							
33	52	95 619	8 142,796	97 294,802	11,949	11,478							
34	53	95 284	7 530,620	89 152,006	11,839	11,368							
35	54	94 922	6 962,435	81 621,386	11,723	11,252							
36	55	94 539	6 435,625	74 658,951	11,601	11,130							
37	56	94 121	5 946,333	68 223,326	11,473	11,003							
38	57	93 677	5 492,605	62 276,993	11,338	10,868							
39	58	93 200	5 071,591	56 784,388	11,197	10,726							
40	59	92 683	4 680,666	51 712,797	11,048	10,578							
41	60	92 127	4 317,947	47 032,131	10,892	10,422							
42	61	91 505	3 980,319	42 714,184	10,731	10,261							
43	62	90 840	3 667,186	38 733,865	10,562	10,092							
44	63	90 106	3 375,923	35 066,679	10,387	9,917							
45	64	89 321	3 105,805	31 690,756	10,204	9,733							
46	65	88 468	2 854,896	28 584,951	10,013	9,542							
47	66	87 560	2 622,361	25 730,054	9,812	9,341							
48	67	86 560	2 405,961	23 107,694	9,604	9,134							
49	68	85 495	2 205,423	20 701,733	9,387	8,916							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß   7,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	20	99 449	99 449,245	1 350 291,397	13,578	13,107	50	70	83 465	1 998,204	17 902,733	8,959	8,489
1	21	99 043	91 918,889	1 250 842,152	13,608	13,137	51	71	82 166	1 825,628	15 904,528	8,712	8,241
2	22	98 989	85 261,791	1 158 923,263	13,593	13,122	52	72	80 724	1 664,588	14 078,900	8,458	7,987
3	23	98 949	79 096,590	1 073 661,472	13,574	13,103	53	73	79 157	1 514,873	12 414,313	8,195	7,724
4	24	98 912	73 380,523	994 564,882	13,554	13,083	54	74	77 440	1 375,419	10 899,439	7,924	7,454
5	25	98 879	68 079,765	921 184,359	13,531	13,060	55	75	75 529	1 244,980	9 524,021	7,650	7,179
6	26	98 847	63 162,353	853 104,594	13,507	13,036	56	76	73 408	1 122,991	8 279,040	7,372	6,902
7	27	98 813	58 599,288	789 942,241	13,480	13,010	57	77	71 088	1 009,281	7 156,049	7,090	6,620
8	28	98 778	54 365,400	731 342,953	13,452	12,982	58	78	68 561	903,393	6 146,768	6,804	6,333
9	29	98 745	50 438,167	676 977,553	13,422	12,951	59	79	65 779	804,392	5 243,375	6,518	6,048
10	30	98 709	46 793,258	626 539,386	13,390	12,919	60	80	62 786	712,566	4 438,983	6,230	5,759
11	31	98 672	43 411,446	579 746,127	13,355	12,884	61	81	59 538	627,109	3 726,417	5,942	5,472
12	32	98 634	40 273,421	536 334,681	13,317	12,847	62	82	56 072	548,117	3 099,308	5,654	5,184
13	33	98 588	37 359,318	496 061,261	13,278	12,807	63	83	52 345	474,880	2 551,191	5,372	4,902
14	34	98 541	34 655,699	458 701,943	13,236	12,765	64	84	48 442	407,862	2 076,311	5,091	4,620
15	35	98 484	32 144,575	424 046,244	13,192	12,721	65	85	44 305	346,203	1 668,449	4,819	4,349
16	36	98 428	29 815,377	391 901,669	13,144	12,674	66	86	40 027	290,275	1 322,246	4,555	4,084
17	37	98 355	27 650,551	362 086,292	13,095	12,624	67	87	35 656	239,977	1 031,971	4,300	3,830
18	38	98 269	25 639,380	334 435,741	13,044	12,573	68	88	31 226	195,047	791,994	4,061	3,590
19	39	98 167	23 770,551	308 796,361	12,991	12,520	69	89	26 883	155,840	596,946	3,831	3,360
20	40	98 055	22 035,468	285 025,810	12,935	12,464	70	90	22 595	121,563	441,107	3,629	3,158
21	41	97 933	20 425,115	262 990,342	12,876	12,405	71	91	18 663	93,184	319,544	3,429	2,958
22	42	97 801	18 930,595	242 565,227	12,813	12,343	72	92	14 964	69,343	226,359	3,264	2,794
23	43	97 662	17 544,032	223 634,632	12,747	12,276	73	93	11 803	50,763	157,017	3,093	2,622
24	44	97 511	16 256,989	206 090,600	12,677	12,206	74	94	9 078	36,233	106,254	2,933	2,462
25	45	97 347	15 062,314	189 833,611	12,603	12,133	75	95	6 789	25,150	70,021	2,784	2,314
26	46	97 170	13 953,533	174 771,298	12,525	12,055	76	96	4 934	16,961	44,871	2,646	2,175
27	47	96 977	12 924,153	160 817,765	12,443	11,973	77	97	3 477	11,093	27,910	2,516	2,045
28	48	96 757	11 967,381	147 893,612	12,358	11,887	78	98	2 370	7,019	16,817	2,396	1,925
29	49	96 528	11 080,315	135 926,230	12,267	11,797	79	99	1 560	4,287	9,798	2,286	1,815
30	50	96 266	10 255,447	124 845,916	12,174	11,703	80	100	990	2,524	5,511	2,183	1,713
31	51	95 992	9 490,771	114 590,469	12,074	11,603							
32	52	95 689	8 780,317	105 099,697	11,970	11,499							
33	53	95 356	8 120,441	96 319,380	11,861	11,391							
34	54	94 997	7 507,979	88 198,939	11,747	11,277							
35	55	94 619	6 940,216	80 690,960	11,627	11,156							
36	56	94 204	6 412,823	73 750,744	11,501	11,030							
37	57	93 766	5 923,902	67 337,921	11,367	10,896							
38	58	93 303	5 470,653	61 414,019	11,226	10,755							
39	59	92 789	5 049,214	55 943,366	11,080	10,609							
40	60	92 245	4 658,564	50 894,152	10,925	10,454							
41	61	91 630	4 294,676	46 235,588	10,766	10,295							
42	62	90 979	3 957,446	41 940,912	10,598	10,127							
43	63	90 267	3 644,055	37 983,467	10,423	9,953							
44	64	89 499	3 353,176	34 339,412	10,241	9,770							
45	65	88 664	3 082,980	30 986,236	10,051	9,580							
46	66	87 777	2 832,600	27 903,256	9,851	9,380							
47	67	86 811	2 599,928	25 070,656	9,643	9,172							
48	68	85 770	2 383,989	22 470,728	9,426	8,955							
49	69	84 664	2 184,007	20 086,739	9,197	8,727							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß   7,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	21	99 427	99 427,169	1 348 688,488	13,565	13,094	50	71	82 496	1 975,016	17 277,743	8,748	8,277
1	22	99 022	91 899,651	1 249 261,319	13,594	13,123	51	72	81 108	1 802,119	15 302,727	8,492	8,021
2	23	98 967	85 242,665	1 157 361,668	13,577	13,107	52	73	79 556	1 640,488	13 500,608	8,230	7,759
3	24	98 926	79 078,510	1 072 119,004	13,558	13,087	53	74	77 870	1 490,240	11 860,120	7,959	7,488
4	25	98 892	73 365,690	993 040,494	13,535	13,065	54	75	76 000	1 349,826	10 369,880	7,682	7,212
5	26	98 857	68 064,789	919 674,804	13,512	13,041	55	76	73 908	1 218,266	9 020,055	7,404	6,933
6	27	98 823	63 147,405	851 610,015	13,486	13,015	56	77	71 610	1 095,486	7 801,789	7,122	6,651
7	28	98 786	58 583,545	788 462,611	13,459	12,988	57	78	69 117	981,300	6 706,303	6,834	6,363
8	29	98 753	54 351,653	729 879,065	13,429	12,958	58	79	66 363	874,422	5 725,003	6,547	6,077
9	30	98 717	50 423,696	675 527,412	13,397	12,926	59	80	63 391	775,188	4 850,581	6,257	5,787
10	31	98 681	46 780,014	625 103,717	13,363	12,892	60	81	60 164	682,806	4 075,393	5,969	5,498
11	32	98 642	43 398,335	578 323,703	13,326	12,855	61	82	56 705	597,265	3 392,587	5,680	5,210
12	33	98 599	40 259,145	534 925,368	13,287	12,816	62	83	52 980	517,892	2 795,323	5,398	4,927
13	34	98 552	37 345,658	494 666,223	13,246	12,775	63	84	49 062	445,099	2 277,431	5,117	4,646
14	35	98 499	34 640,979	457 320,565	13,202	12,731	64	85	44 939	378,367	1 832,332	4,843	4,372
15	36	98 445	32 131,789	422 679,587	13,155	12,684	65	86	40 639	317,553	1 453,965	4,579	4,108
16	37	98 381	29 801,208	390 547,798	13,105	12,634	66	87	36 255	262,924	1 136,411	4,322	3,852
17	38	98 303	27 635,795	360 746,590	13,054	12,583	67	88	31 794	213,990	873,487	4,082	3,611
18	39	98 215	25 625,106	333 110,795	12,999	12,529	68	89	27 407	171,196	659,497	3,852	3,382
19	40	98 103	23 754,825	307 485,689	12,944	12,473	69	90	23 078	133,786	488,302	3,650	3,179
20	41	97 985	22 019,906	283 730,863	12,885	12,415	70	91	19 097	102,746	354,516	3,450	2,980
21	42	97 854	20 408,745	261 710,958	12,823	12,353	71	92	15 346	76,627	251,770	3,286	2,815
22	43	97 714	18 913,745	241 302,213	12,758	12,287	72	93	12 132	56,221	175,143	3,115	2,645
23	44	97 562	17 526,068	222 388,468	12,689	12,218	73	94	9 357	40,242	118,922	2,955	2,485
24	45	97 402	16 238,730	204 862,400	12,616	12,145	74	95	7 027	28,049	78,680	2,805	2,334
25	46	97 224	15 043,196	188 623,671	12,539	12,068	75	96	5 126	18,987	50,632	2,667	2,196
26	47	97 033	13 933,871	173 580,474	12,457	11,987	76	97	3 628	12,472	31,645	2,537	2,067
27	48	96 818	12 903,020	159 646,603	12,373	11,902	77	98	2 487	7,934	19,174	2,417	1,946
28	49	96 586	11 946,218	146 743,583	12,284	11,813	78	99	1 647	4,877	11,240	2,305	1,834
29	50	96 329	11 057,515	134 797,365	12,191	11,720	79	100	1 052	2,890	6,363	2,202	1,731
30	51	96 054	10 232,854	123 739,850	12,092	11,622							
31	52	95 758	9 467,549	113 506,996	11,989	11,518							
32	53	95 427	8 756,212	104 039,446	11,882	11,411							
33	54	95 070	8 096,027	95 283,234	11,769	11,298							
34	55	94 694	7 484,019	87 187,207	11,650	11,179							
35	56	94 284	6 915,626	79 703,188	11,525	11,054							
36	57	93 849	6 388,632	72 787,563	11,393	10,923							
37	58	93 392	5 900,227	66 398,930	11,254	10,783							
38	59	92 891	5 446,515	60 498,703	11,108	10,637							
39	60	92 351	5 025,372	55 052,188	10,955	10,484							
40	61	91 748	4 633,457	50 026,817	10,797	10,326							
41	62	91 104	4 269,995	45 393,360	10,631	10,160							
42	63	90 405	3 932,483	41 123,364	10,457	9,987							
43	64	89 659	3 619,502	37 190,881	10,275	9,804							
44	65	88 841	3 328,532	33 571,379	10,086	9,615							
45	66	87 972	3 058,902	30 242,847	9,887	9,416							
46	67	87 026	2 808,369	27 183,945	9,680	9,209							
47	68	86 018	2 576,185	24 375,576	9,462	8,991							
48	69	84 937	2 360,839	21 799,391	9,234	8,763							
49	70	83 765	2 160,809	19 438,552	8,996	8,525							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß   7,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	22	99 406	99 406,360	1 346 975,608	13,550	13,080
1	23	99 000	91 879,035	1 247 569,248	13,578	13,108
2	24	98 945	85 223,180	1 155 690,213	13,561	13,090
3	25	98 906	79 062,525	1 070 467,033	13,539	13,069
4	26	98 870	73 349,551	991 404,508	13,516	13,046
5	27	98 834	68 048,680	918 054,957	13,491	13,020
6	28	98 797	63 130,440	850 006,277	13,464	12,994
7	29	98 761	58 568,731	786 875,837	13,435	12,964
8	30	98 725	54 336,058	728 307,105	13,404	12,933
9	31	98 689	50 409,424	673 971,047	13,370	12,899
10	32	98 651	46 765,885	623 561,623	13,334	12,863
11	33	98 607	43 382,951	576 795,738	13,295	12,825
12	34	98 563	40 244,425	533 412,786	13,254	12,784
13	35	98 510	37 329,794	493 168,362	13,211	12,740
14	36	98 460	34 627,200	455 838,568	13,164	12,694
15	37	98 398	32 116,519	421 211,368	13,115	12,644
16	38	98 328	29 785,304	389 094,848	13,063	12,593
17	39	98 248	27 620,409	359 309,544	13,009	12,538
18	40	98 150	25 608,154	331 689,135	12,952	12,482
19	41	98 033	23 738,049	306 080,981	12,894	12,423
20	42	97 907	22 002,257	282 342,932	12,832	12,362
21	43	97 767	20 390,579	260 340,675	12,768	12,297
22	44	97 614	18 894,378	239 950,096	12,700	12,229
23	45	97 453	17 506,383	221 055,718	12,627	12,156
24	46	97 278	16 218,119	203 549,334	12,551	12,080
25	47	97 087	15 021,136	187 331,215	12,470	12,000
26	48	96 875	13 911,087	172 309,217	12,386	11,916
27	49	96 647	12 880,202	158 398,129	12,298	11,827
28	50	96 387	11 921,637	145 517,927	12,206	11,736
29	51	96 117	11 033,156	133 596,290	12,109	11,638
30	52	95 819	10 207,816	122 563,135	12,007	11,536
31	53	95 495	9 441,558	112 355,318	11,900	11,429
32	54	95 140	8 729,886	102 913,761	11,789	11,318
33	55	94 766	8 070,191	94 183,874	11,671	11,200
34	56	94 358	7 457,502	86 113,684	11,547	11,077
35	57	93 928	6 889,539	78 656,182	11,417	10,946
36	58	93 474	6 363,100	71 766,643	11,279	10,808
37	59	92 980	5 874,194	65 403,544	11,134	10,663
38	60	92 453	5 420,796	59 529,350	10,982	10,511
39	61	91 853	4 998,288	54 108,554	10,825	10,355
40	62	91 221	4 606,830	49 110,266	10,660	10,190
41	63	90 529	4 243,062	44 503,436	10,489	10,018
42	64	89 796	3 905,987	40 260,374	10,307	9,837
43	65	89 000	3 592,900	36 354,387	10,118	9,648
44	66	88 147	3 302,537	32 761,487	9,920	9,449
45	67	87 219	3 032,735	29 458,950	9,714	9,243
46	68	86 231	2 782,722	26 426,215	9,497	9,026
47	69	85 183	2 551,168	23 643,492	9,268	8,797
48	70	84 035	2 335,763	21 092,324	9,030	8,559
49	71	82 793	2 135,734	18 756,561	8,782	8,312
50	72	81 434	1 949,583	16 620,827	8,525	8,055
51	73	79 934	1 776,028	14 671,244	8,261	7,790
52	74	78 262	1 613,812	12 895,215	7,991	7,520
53	75	76 421	1 462,510	11 281,404	7,714	7,243
54	76	74 369	1 320,861	9 818,894	7,434	6,963
55	77	72 098	1 188,427	8 498,032	7,151	6,680
56	78	69 625	1 065,115	7 309,606	6,863	6,392
57	79	66 901	949,832	6 244,491	6,574	6,104
58	80	63 953	842,676	5 294,659	6,283	5,812
59	81	60 743	742,812	4 451,983	5,993	5,523
60	82	57 300	650,311	3 709,172	5,704	5,233
61	83	53 578	564,329	3 058,861	5,420	4,950
62	84	49 657	485,414	2 494,532	5,139	4,668
63	85	45 514	412,911	2 009,118	4,866	4,395
64	86	41 220	347,056	1 596,207	4,599	4,129
65	87	36 810	287,633	1 249,151	4,343	3,872
66	88	32 329	234,452	961,519	4,101	3,630
67	89	27 906	187,821	727,067	3,871	3,400
68	90	23 529	146,968	539,245	3,669	3,198
69	91	19 506	113,076	392,277	3,469	2,998
70	92	15 704	84,489	279,200	3,305	2,834
71	93	12 442	62,127	194,711	3,134	2,663
72	94	9 618	44,569	132,584	2,975	2,504
73	95	7 244	31,152	88,015	2,825	2,355
74	96	5 305	21,175	56,863	2,685	2,215
75	97	3 769	13,961	35,688	2,556	2,086
76	98	2 595	8,920	21,727	2,436	1,965
77	99	1 728	5,513	12,807	2,323	1,853
78	100	1 110	3,287	7,295	2,219	1,748

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß   7,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	23	99 384	99 384,060	1 345 142,843	13,535	13,064	50	73	80 255	1 921,358	15 931,991	8,292	7,821
1	24	98 977	91 858,033	1 245 758,783	13,562	13,091	51	74	78 634	1 747,148	14 010,633	8,019	7,548
2	25	98 925	85 205,953	1 153 900,750	13,542	13,072	52	75	76 806	1 583,783	12 263,485	7,743	7,272
3	26	98 884	79 045,133	1 068 694,797	13,520	13,049	53	76	74 781	1 431,127	10 679,702	7,462	6,992
4	27	98 847	73 332,191	989 649,664	13,495	13,025	54	77	72 547	1 288,510	9 248,575	7,178	6,707
5	28	98 807	68 030,399	916 317,472	13,469	12,999	55	78	70 099	1 155,479	7 960,065	6,889	6,418
6	29	98 772	63 114,476	848 287,073	13,440	12,970	56	79	67 392	1 030,958	6 804,586	6,600	6,130
7	30	98 733	58 551,927	785 172,597	13,410	12,939	57	80	64 472	915,347	5 773,628	6,308	5,837
8	31	98 697	54 320,679	726 620,670	13,377	12,906	58	81	61 282	807,481	4 858,281	6,017	5,546
9	32	98 659	50 394,199	672 299,991	13,341	12,870	59	82	57 852	707,461	4 050,800	5,726	5,255
10	33	98 616	46 749,308	621 905,792	13,303	12,832	60	83	54 141	614,450	3 343,339	5,441	4,971
11	34	98 571	43 367,089	575 156,483	13,263	12,792	61	84	50 218	528,939	2 728,889	5,159	4,689
12	35	98 521	40 227,330	531 789,394	13,220	12,749	62	85	46 066	450,311	2 199,950	4,885	4,415
13	36	98 471	37 314,946	491 562,065	13,173	12,703	63	86	41 748	378,741	1 749,639	4,620	4,149
14	37	98 413	34 610,745	454 247,119	13,124	12,654	64	87	37 336	314,355	1 370,898	4,361	3,890
15	38	98 346	32 099,379	419 636,374	13,073	12,602	65	88	32 823	256,484	1 056,543	4,119	3,649
16	39	98 274	29 768,722	387 536,995	13,018	12,548	66	89	28 376	205,781	800,059	3,888	3,417
17	40	98 183	27 602,137	357 768,273	12,962	12,491	67	90	23 957	161,242	594,277	3,686	3,215
18	41	98 080	25 590,069	330 166,136	12,902	12,431	68	91	19 887	124,218	433,036	3,486	3,015
19	42	97 955	23 719,023	304 576,067	12,841	12,370	69	92	16 040	92,984	308,817	3,321	2,851
20	43	97 820	21 982,673	280 857,044	12,776	12,306	70	93	12 732	68,502	215,833	3,151	2,680
21	44	97 667	20 369,700	258 874,371	12,709	12,238	71	94	9 864	49,251	147,331	2,991	2,521
22	45	97 505	18 873,157	238 504,670	12,637	12,167	72	95	7 445	34,502	98,080	2,843	2,372
23	46	97 329	17 484,164	219 631,513	12,562	12,091	73	96	5 468	23,518	63,579	2,703	2,233
24	47	97 141	16 195,266	202 147,349	12,482	12,011	74	97	3 901	15,570	40,060	2,573	2,102
25	48	96 928	14 997,436	185 952,084	12,399	11,928	75	98	2 696	9,985	24,490	2,453	1,982
26	49	96 703	13 886,487	170 954,648	12,311	11,840	76	99	1 803	6,198	14,505	2,340	1,870
27	50	96 448	12 853,699	157 068,161	12,220	11,749	77	100	1 165	3,716	8,308	2,236	1,765
28	51	96 175	11 895,373	144 214,462	12,124	11,653							
29	52	95 882	11 006,160	132 319,088	12,022	11,552							
30	53	95 556	10 179,792	121 312,929	11,917	11,446							
31	54	95 208	9 413,171	111 133,136	11,806	11,335							
32	55	94 836	8 702,027	101 719,965	11,689	11,219							
33	56	94 431	8 041,597	93 017,938	11,567	11,096							
34	57	94 003	7 429,371	84 976,341	11,438	10,967							
35	58	93 553	6 862,004	77 546,971	11,301	10,830							
36	59	93 062	6 335,024	70 684,967	11,158	10,687							
37	60	92 541	5 846,456	64 349,943	11,007	10,536							
38	61	91 954	5 391,582	58 503,488	10,851	10,380							
39	62	91 326	4 969,564	53 111,906	10,687	10,217							
40	63	90 645	4 577,772	48 142,342	10,517	10,046							
41	64	89 919	4 214,473	43 564,570	10,337	9,866							
42	65	89 136	3 877,280	39 350,097	10,149	9,678							
43	66	88 305	3 564,840	35 472,817	9,951	9,480							
44	67	87 393	3 274,286	31 907,977	9,745	9,274							
45	68	86 423	3 005,039	28 633,691	9,529	9,058							
46	69	85 394	2 755,700	25 628,651	9,300	8,830							
47	70	84 278	2 524,071	22 872,951	9,062	8,591							
48	71	83 059	2 308,657	20 348,880	8,814	8,343							
49	72	81 727	2 108,231	18 040,222	8,557	8,086							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß   7,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	24	99 361	99 361,342	1 343 182,495	13,518	13,047	50	74	78 950	1 890,114	15 211,849	8,048	7,577
1	25	98 957	91 839,465	1 243 821,153	13,543	13,073	51	75	77 171	1 714,638	13 321,735	7,769	7,299
2	26	98 903	85 187,209	1 151 981,688	13,523	13,052	52	76	75 158	1 549,798	11 607,097	7,489	7,019
3	27	98 861	79 026,426	1 066 794,478	13,499	13,029	53	77	72 950	1 396,075	10 057,299	7,204	6,733
4	28	98 821	73 312,491	987 768,052	13,473	13,003	54	78	70 536	1 252,787	8 661,224	6,914	6,443
5	29	98 782	68 013,196	914 455,562	13,445	12,975	55	79	67 851	1 118,425	7 408,437	6,624	6,153
6	30	98 743	63 096,368	846 442,365	13,415	12,944	56	80	64 945	993,529	6 290,011	6,331	5,860
7	31	98 705	58 535,355	783 345,998	13,382	12,912	57	81	61 779	877,117	5 296,483	6,039	5,568
8	32	98 667	54 304,273	724 810,643	13,347	12,877	58	82	58 366	769,052	4 419,366	5,747	5,276
9	33	98 624	50 376,336	670 506,370	13,310	12,839	59	83	54 662	668,449	3 650,313	5,461	4,990
10	34	98 580	46 732,215	620 130,034	13,270	12,799	60	84	50 745	575,917	2 981,865	5,178	4,707
11	35	98 529	43 348,668	573 397,819	13,228	12,757	61	85	46 586	490,688	2 405,948	4,903	4,433
12	36	98 482	40 211,329	530 049,151	13,182	12,711	62	86	42 254	413,045	1 915,260	4,637	4,166
13	37	98 424	37 297,213	489 837,822	13,133	12,663	63	87	37 814	343,055	1 502,214	4,379	3,908
14	38	98 361	34 592,273	452 540,609	13,082	12,611	64	88	33 293	280,313	1 159,159	4,135	3,665
15	39	98 291	32 081,509	417 948,335	13,028	12,557	65	89	28 810	225,120	878,846	3,904	3,433
16	40	98 209	29 749,028	385 866,826	12,971	12,500	66	90	24 360	176,660	653,726	3,700	3,230
17	41	98 114	27 582,644	356 117,798	12,911	12,440	67	91	20 249	136,282	477,066	3,501	3,030
18	42	98 002	25 569,558	328 535,154	12,849	12,378	68	92	16 353	102,146	340,784	3,336	2,866
19	43	97 867	23 697,911	302 965,596	12,784	12,314	69	93	13 005	75,389	238,638	3,165	2,695
20	44	97 719	21 960,164	279 267,685	12,717	12,246	70	94	10 094	54,304	163,249	3,006	2,536
21	45	97 557	20 346,822	257 307,520	12,646	12,175	71	95	7 636	38,126	108,944	2,857	2,387
22	46	97 381	18 849,202	236 960,698	12,571	12,101	72	96	5 621	26,047	70,818	2,719	2,248
23	47	97 192	17 459,527	218 111,496	12,492	12,022	73	97	4 021	17,293	44,771	2,589	2,118
24	48	96 982	16 168,785	200 651,969	12,410	11,939	74	98	2 790	11,136	27,478	2,468	1,997
25	49	96 757	14 970,914	184 483,184	12,323	11,852	75	99	1 873	6,938	16,342	2,356	1,885
26	50	96 504	13 857,913	169 512,270	12,232	11,762	76	100	1 215	4,178	9,405	2,251	1,780
27	51	96 236	12 825,383	155 654,357	12,136	11,666							
28	52	95 940	11 866,268	142 828,975	12,037	11,566							
29	53	95 619	10 975,944	130 962,707	11,932	11,461							
30	54	95 269	10 149,186	119 986,763	11,822	11,352							
31	55	94 904	9 383,132	109 837,577	11,706	11,235							
32	56	94 500	8 671,195	100 454,445	11,585	11,114							
33	57	94 074	8 011,262	91 783,251	11,457	10,986							
34	58	93 627	7 399,679	83 771,989	11,321	10,850							
35	59	93 140	6 831,727	76 372,310	11,179	10,708							
36	60	92 622	6 305,110	69 540,583	11,029	10,559							
37	61	92 042	5 814,947	63 235,474	10,875	10,404							
38	62	91 426	5 360,598	57 420,527	10,712	10,241							
39	63	90 749	4 938,218	52 059,929	10,542	10,072							
40	64	90 035	4 546,927	47 121,711	10,363	9,893							
41	65	89 258	4 183,499	42 574,784	10,177	9,706							
42	66	88 440	3 846,999	38 391,285	9,980	9,509							
43	67	87 549	3 534,346	34 544,286	9,774	9,303							
44	68	86 595	3 244,384	31 009,940	9,558	9,087							
45	69	85 583	2 975,859	27 765,556	9,330	8,860							
46	70	84 487	2 726,431	24 789,697	9,092	8,622							
47	71	83 300	2 494,780	22 063,266	8,844	8,373							
48	72	81 990	2 278,928	19 568,486	8,587	8,116							
49	73	80 544	2 077,709	17 289,558	8,321	7,851							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß   7,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	25	99 341	99 341,258	1 341 085,132	13,500	13,029	50	75	77 481	1 854,944	14 461,323	7,796	7,325
1	26	98 935	91 819,263	1 241 743,874	13,524	13,053	51	76	75 515	1 677,845	12 606,380	7,513	7,043
2	27	98 879	85 167,048	1 149 924,611	13,502	13,031	52	77	73 317	1 511,839	10 928,534	7,229	6,758
3	28	98 834	79 005,195	1 064 757,563	13,477	13,006	53	78	70 927	1 357,371	9 416,695	6,937	6,467
4	29	98 796	73 293,952	985 752,368	13,449	12,979	54	79	68 274	1 212,613	8 059,324	6,646	6,176
5	30	98 754	67 993,682	912 458,416	13,420	12,949	55	80	65 388	1 077,820	6 846,712	6,352	5,882
6	31	98 715	63 078,509	844 464,734	13,388	12,917	56	81	62 233	952,033	5 768,892	6,060	5,589
7	32	98 675	58 517,676	781 386,224	13,353	12,882	57	82	58 839	835,375	4 816,859	5,766	5,295
8	33	98 632	54 285,024	722 868,549	13,316	12,846	58	83	55 147	726,644	3 981,484	5,479	5,009
9	34	98 588	50 357,916	668 583,525	13,277	12,806	59	84	51 234	626,529	3 254,840	5,195	4,724
10	35	98 538	46 712,364	618 225,609	13,235	12,764	60	85	47 076	534,269	2 628,311	4,919	4,449
11	36	98 490	43 331,426	571 513,244	13,189	12,719	61	86	42 731	450,082	2 094,042	4,653	4,182
12	37	98 435	40 192,220	528 181,819	13,141	12,671	62	87	38 273	374,127	1 643,961	4,394	3,923
13	38	98 371	37 277,308	487 989,598	13,091	12,620	63	88	33 719	305,905	1 269,834	4,151	3,680
14	39	98 306	34 573,015	450 712,290	13,037	12,566	64	89	29 221	246,034	963,929	3,918	3,447
15	40	98 226	32 060,286	416 139,275	12,980	12,509	65	90	24 733	193,261	717,894	3,715	3,244
16	41	98 139	29 728,019	384 078,989	12,920	12,449	66	91	20 589	149,314	524,633	3,514	3,043
17	42	98 035	27 560,536	354 350,970	12,857	12,387	67	92	16 651	112,067	375,319	3,349	2,878
18	43	97 915	25 546,799	326 790,434	12,792	12,321	68	93	13 259	82,818	263,252	3,179	2,708
19	44	97 767	23 673,646	301 243,634	12,725	12,254	69	94	10 309	59,765	180,435	3,019	2,548
20	45	97 610	21 935,500	277 569,988	12,654	12,183	70	95	7 814	42,038	120,670	2,871	2,400
21	46	97 433	20 320,997	255 634,489	12,580	12,109	71	96	5 765	28,783	78,632	2,732	2,261
22	47	97 244	18 822,642	235 313,492	12,502	12,031	72	97	4 133	19,152	49,849	2,603	2,132
23	48	97 033	17 430,978	216 490,850	12,420	11,949	73	98	2 876	12,368	30,697	2,482	2,011
24	49	96 811	16 140,191	199 059,872	12,333	11,863	74	99	1 939	7,737	18,328	2,369	1,898
25	50	96 557	14 940,109	182 919,680	12,244	11,773	75	100	1 263	4,677	10,591	2,265	1,794
26	51	96 292	13 827,384	167 979,571	12,148	11,678							
27	52	96 000	12 794,002	154 152,187	12,049	11,578							
28	53	95 676	11 833,690	141 358,185	11,945	11,475							
29	54	95 331	10 942,944	129 524,495	11,836	11,366							
30	55	94 965	10 116,798	118 581,551	11,721	11,251							
31	56	94 568	9 349,886	108 464,753	11,601	11,130							
32	57	94 144	8 638,485	99 114,867	11,474	11,003							
33	58	93 698	7 979,244	90 476,382	11,339	10,868							
34	59	93 214	7 367,029	82 497,138	11,198	10,727							
35	60	92 700	6 799,467	75 130,109	11,049	10,579							
36	61	92 123	6 271,129	68 330,642	10,896	10,425							
37	62	91 513	5 781,530	62 059,512	10,734	10,263							
38	63	90 849	5 326,785	56 277,982	10,565	10,094							
39	64	90 138	4 904,945	50 951,197	10,388	9,917							
40	65	89 373	4 513,510	46 046,252	10,202	9,731							
41	66	88 561	4 150,826	41 532,742	10,006	9,535							
42	67	87 683	3 814,091	37 381,916	9,801	9,330							
43	68	86 750	3 502,069	33 567,825	9,585	9,114							
44	69	85 754	3 212,879	30 065,756	9,358	8,887							
45	70	84 674	2 944,250	26 852,877	9,120	8,650							
46	71	83 506	2 694,791	23 908,626	8,872	8,401							
47	72	82 227	2 462,654	21 213,835	8,614	8,144							
48	73	80 803	2 245,935	18 751,181	8,349	7,878							
49	74	79 234	2 043,923	16 505,246	8,075	7,605							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß   7,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	49	93 528	2 239,121	25 166,924	11,240	10,769
1	0	99 613	92 448,462	1 267 865,393	13,714	13,244	51	50	92 962	2 065,498	22 927,803	11,100	10,630
2	1	99 267	85 500,554	1 175 416,930	13,747	13,277	52	51	92 318	1 903,663	20 862,305	10,959	10,488
3	2	99 222	79 314,943	1 089 916,377	13,742	13,271	53	52	91 632	1 753,595	18 958,641	10,811	10,341
4	3	99 193	73 588,957	1 010 601,434	13,733	13,262	54	53	90 876	1 614,040	17 205,046	10,660	10,189
5	4	99 169	68 279,317	937 012,477	13,723	13,253	55	54	90 041	1 484,197	15 591,006	10,505	10,034
6	5	99 146	63 353,878	868 733,160	13,712	13,242	56	55	89 147	1 363,759	14 106,809	10,344	9,873
7	6	99 126	58 784,948	805 379,282	13,700	13,230	57	56	88 183	1 251,992	12 743,050	10,178	9,708
8	7	99 109	54 547,550	746 594,334	13,687	13,216	58	57	87 144	1 148,246	11 491,058	10,007	9,537
9	8	99 092	50 615,615	692 046,784	13,673	13,202	59	58	86 032	1 052,064	10 342,813	9,831	9,360
10	9	99 077	46 967,901	641 431,168	13,657	13,186	60	59	84 835	962,809	9 290,749	9,650	9,179
11	10	99 062	43 582,797	594 463,268	13,640	13,169	61	60	83 557	880,097	8 327,940	9,463	8,992
12	11	99 046	40 441,730	550 880,471	13,622	13,151	62	61	82 179	803,323	7 447,843	9,271	8,801
13	12	99 027	37 525,750	510 438,742	13,602	13,132	63	62	80 727	732,372	6 644,521	9,073	8,602
14	13	99 008	34 820,017	472 912,992	13,582	13,111	64	63	79 204	666,869	5 912,149	8,866	8,395
15	14	98 984	32 307,816	438 092,975	13,560	13,089	65	64	77 561	606,068	5 245,280	8,655	8,184
16	15	98 956	29 975,465	405 785,159	13,537	13,067	66	65	75 832	549,935	4 639,211	8,436	7,965
17	16	98 918	27 808,734	375 809,695	13,514	13,043	67	66	73 995	498,018	4 089,277	8,211	7,740
18	17	98 869	25 795,856	348 000,961	13,491	13,020	68	67	72 050	450,050	3 591,259	7,980	7,509
19	18	98 806	23 925,103	322 205,105	13,467	12,997	69	68	70 025	405,941	3 141,209	7,738	7,267
20	19	98 735	22 188,352	298 280,002	13,443	12,972	70	69	67 893	365,271	2 735,268	7,488	7,018
21	20	98 661	20 577,111	276 091,650	13,417	12,947	71	70	65 643	327,762	2 369,996	7,231	6,760
22	21	98 586	19 082,529	255 514,539	13,390	12,919	72	71	63 263	293,163	2 042,235	6,966	6,496
23	22	98 513	17 696,889	236 432,010	13,360	12,889	73	72	60 756	261,292	1 749,072	6,694	6,223
24	23	98 440	16 411,758	218 735,121	13,328	12,857	74	73	58 089	231,854	1 487,780	6,417	5,946
25	24	98 362	15 219,327	202 323,363	13,294	12,823	75	74	55 209	204,510	1 255,925	6,141	5,670
26	25	98 288	14 114,052	187 104,036	13,257	12,786	76	75	52 153	179,295	1 051,415	5,864	5,393
27	26	98 209	13 088,398	172 989,984	13,217	12,746	77	76	48 910	156,052	872,120	5,589	5,118
28	27	98 124	12 136,443	159 901,586	13,175	12,705	78	77	45 482	134,676	716,068	5,317	4,846
29	28	98 039	11 253,728	147 765,143	13,130	12,660	79	78	41 885	115,106	581,392	5,051	4,580
30	29	97 949	10 434,788	136 511,415	13,082	12,612	80	79	38 156	97,315	466,286	4,792	4,321
31	30	97 859	9 675,284	126 076,627	13,031	12,560	81	80	34 379	81,375	368,971	4,534	4,064
32	31	97 761	8 970,433	116 401,343	12,976	12,505	82	81	30 543	67,095	287,596	4,286	3,816
33	32	97 660	8 316,596	107 430,910	12,918	12,447	83	82	26 753	54,542	220,501	4,043	3,572
34	33	97 551	7 709,793	99 114,315	12,856	12,385	84	83	23 055	43,624	165,959	3,804	3,334
35	34	97 438	7 146,970	91 404,522	12,789	12,319	85	84	19 488	34,221	122,335	3,575	3,104
36	35	97 314	6 624,532	84 257,552	12,719	12,248	86	85	16 114	26,262	88,114	3,355	2,885
37	36	97 190	6 140,199	77 633,019	12,643	12,173	87	86	12 994	19,653	61,852	3,147	2,677
38	37	97 052	5 690,448	71 492,820	12,564	12,093	88	87	10 178	14,287	42,199	2,954	2,483
39	38	96 893	5 272,538	65 802,372	12,480	12,010	89	88	7 730	10,070	27,913	2,772	2,301
40	39	96 728	4 884,968	60 529,834	12,391	11,920	90	89	5 649	6,831	17,843	2,612	2,142
41	40	96 540	4 524,802	55 644,866	12,298	11,827	91	90	3 996	4,484	11,012	2,456	1,985
42	41	96 340	4 190,639	51 120,064	12,199	11,728	92	91	2 703	2,815	6,528	2,319	1,849
43	42	96 115	3 880,164	46 929,425	12,095	11,624	93	92	1 742	1,683	3,713	2,206	1,735
44	43	95 859	3 591,459	43 049,261	11,987	11,516	94	93	1 081	0,969	2,030	2,094	1,623
45	44	95 570	3 323,103	39 457,802	11,874	11,403	95	94	640	0,532	1,061	1,992	1,521
46	45	95 251	3 073,799	36 134,699	11,756	11,285	96	95	360	0,278	0,528	1,899	1,429
47	46	94 895	2 842,046	33 060,900	11,633	11,162	97	96	192	0,138	0,250	1,815	1,344
48	47	94 488	2 626,310	30 218,854	11,506	11,036	98	97	97	0,065	0,112	1,738	1,267
49	48	94 031	2 425,620	27 592,544	11,375	10,905	99	98	46	0,029	0,048	1,668	1,197
							100	99	21	0,012	0,019	1,605	1,134

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß   7,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	48	93 694	2 243,088	25 311,581	11,284	10,814
1							51	49	93 154	2 069,757	23 068,493	11,146	10,675
2	0	99 581	85 770,962	1 176 022,505	13,711	13,241	52	50	92 522	1 907,866	20 998,737	11,006	10,536
3	1	99 248	79 335,885	1 090 251,542	13,742	13,272	53	51	91 856	1 757,897	19 090,870	10,860	10,389
4	2	99 208	73 599,920	1 010 915,658	13,735	13,265	54	52	91 126	1 618,484	17 332,974	10,709	10,239
5	3	99 180	68 286,947	937 315,738	13,726	13,255	55	53	90 313	1 488,672	15 714,490	10,556	10,085
6	4	99 158	63 361,429	869 028,792	13,715	13,245	56	54	89 432	1 368,125	14 225,818	10,398	9,927
7	5	99 136	58 790,890	805 667,362	13,704	13,233	57	55	88 497	1 256,444	12 857,693	10,233	9,763
8	6	99 118	54 552,301	746 876,472	13,691	13,220	58	56	87 474	1 152,593	11 601,249	10,065	9,595
9	7	99 101	50 619,960	692 324,171	13,677	13,206	59	57	86 378	1 056,286	10 448,656	9,892	9,421
10	8	99 085	46 971,360	641 704,211	13,662	13,191	60	58	85 211	967,076	9 392,370	9,712	9,241
11	9	99 068	43 585,803	594 732,851	13,645	13,174	61	59	83 954	884,272	8 425,294	9,528	9,057
12	10	99 053	40 444,600	551 147,048	13,627	13,157	62	60	82 624	807,675	7 541,022	9,337	8,866
13	11	99 035	37 528,751	510 702,448	13,608	13,138	63	61	81 194	736,605	6 733,347	9,141	8,670
14	12	99 016	34 822,820	473 173,697	13,588	13,117	64	62	79 707	671,102	5 996,742	8,936	8,465
15	13	98 993	32 310,710	438 350,877	13,567	13,096	65	63	78 087	610,180	5 325,640	8,728	8,257
16	14	98 967	29 978,714	406 040,167	13,544	13,074	66	64	76 393	554,006	4 715,460	8,512	8,041
17	15	98 930	27 812,232	376 061,453	13,521	13,051	67	65	74 577	501,938	4 161,454	8,291	7,820
18	16	98 884	25 799,826	348 249,221	13,498	13,027	68	66	72 672	453,933	3 659,516	8,062	7,591
19	17	98 822	23 928,943	322 449,395	13,475	13,005	69	67	70 671	409,682	3 205,582	7,825	7,354
20	18	98 757	22 193,421	298 520,452	13,451	12,980	70	68	68 559	368,853	2 795,900	7,580	7,109
21	19	98 682	20 581,362	276 327,031	13,426	12,955	71	69	66 347	331,281	2 427,047	7,326	6,856
22	20	98 608	19 086,766	255 745,669	13,399	12,928	72	70	64 006	296,605	2 095,766	7,066	6,595
23	21	98 534	17 700,593	236 658,903	13,370	12,899	73	71	61 548	264,701	1 799,162	6,797	6,326
24	22	98 462	16 415,440	218 958,309	13,339	12,868	74	72	58 942	235,260	1 534,461	6,522	6,052
25	23	98 385	15 222,807	202 542,869	13,305	12,835	75	73	56 122	207,890	1 299,200	6,249	5,779
26	24	98 308	14 116,906	187 320,062	13,269	12,799	76	74	53 142	182,695	1 091,310	5,973	5,503
27	25	98 231	13 091,277	173 203,156	13,230	12,760	77	75	49 983	159,474	908,615	5,698	5,227
28	26	98 147	12 139,316	160 111,879	13,190	12,719	78	76	46 624	138,058	749,141	5,426	4,956
29	27	98 065	11 256,752	147 972,563	13,145	12,675	79	77	43 080	118,388	611,084	5,162	4,691
30	28	97 974	10 437,427	136 715,811	13,099	12,628	80	78	39 420	100,539	492,696	4,901	4,430
31	29	97 887	9 678,061	126 278,384	13,048	12,577	81	79	35 674	84,440	392,156	4,644	4,174
32	30	97 789	8 972,973	116 600,323	12,995	12,524	82	80	31 874	70,020	307,716	4,395	3,924
33	31	97 689	8 319,108	107 627,350	12,937	12,467	83	81	28 089	57,268	237,696	4,151	3,680
34	32	97 585	7 712,526	99 308,242	12,876	12,406	84	82	24 401	46,170	180,429	3,908	3,437
35	33	97 473	7 149,585	91 595,716	12,811	12,341	85	83	20 792	36,511	134,259	3,677	3,207
36	34	97 356	6 627,348	84 446,131	12,742	12,271	86	84	17 371	28,309	97,749	3,453	2,982
37	35	97 229	6 142,642	77 818,784	12,669	12,198	87	85	14 166	21,426	69,439	3,241	2,770
38	36	97 098	5 693,153	71 676,141	12,590	12,119	88	86	11 236	15,773	48,013	3,044	2,573
39	37	96 945	5 275,353	65 982,988	12,508	12,037	89	87	8 668	11,293	32,240	2,855	2,384
40	38	96 782	4 887,689	60 707,634	12,421	11,950	90	88	6 437	7,782	20,948	2,692	2,221
41	39	96 604	4 527,797	55 819,945	12,328	11,858	91	89	4 655	5,224	13,166	2,520	2,050
42	40	96 408	4 193,601	51 292,148	12,231	11,760	92	90	3 198	3,330	7,942	2,385	1,914
43	41	96 193	3 883,276	47 098,547	12,129	11,658	93	91	2 118	2,047	4,612	2,253	1,782
44	42	95 944	3 594,659	43 215,271	12,022	11,551	94	92	1 333	1,196	2,565	2,145	1,674
45	43	95 668	3 326,510	39 620,613	11,911	11,440	95	93	807	0,672	1,369	2,039	1,568
46	44	95 358	3 077,256	36 294,103	11,794	11,324	96	94	465	0,359	0,698	1,942	1,471
47	45	95 016	2 845,658	33 216,847	11,673	11,202	97	95	255	0,183	0,338	1,854	1,383
48	46	94 621	2 630,016	30 371,190	11,548	11,077	98	96	132	0,088	0,156	1,773	1,303
49	47	94 185	2 429,593	27 741,174	11,418	10,947	99	97	65	0,040	0,068	1,700	1,230
							100	98	30	0,017	0,028	1,634	1,163

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß   7,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3	0	99 562	79 586,797	1 090 808,607	13,706	13,235
4	1	99 234	73 619,352	1 011 221,810	13,736	13,265
5	2	99 195	68 297,119	937 602,457	13,728	13,258
6	3	99 169	63 368,510	869 305,338	13,718	13,248
7	4	99 148	58 797,898	805 936,829	13,707	13,236
8	5	99 128	54 557,816	747 138,931	13,694	13,224
9	6	99 109	50 624,369	692 581,115	13,681	13,210
10	7	99 093	46 975,391	641 956,747	13,666	13,195
11	8	99 076	43 589,013	594 981,355	13,650	13,179
12	9	99 060	40 447,390	551 392,342	13,632	13,162
13	10	99 042	37 531,415	510 944,952	13,614	13,143
14	11	99 024	34 825,605	473 413,537	13,594	13,123
15	12	99 001	32 313,312	438 587,932	13,573	13,102
16	13	98 976	29 981,400	406 274,621	13,551	13,080
17	14	98 941	27 815,247	376 293,221	13,528	13,058
18	15	98 897	25 803,072	348 477,974	13,505	13,035
19	16	98 837	23 932,626	322 674,902	13,483	13,012
20	17	98 773	22 196,983	298 742,277	13,459	12,988
21	18	98 704	20 586,064	276 545,294	13,434	12,963
22	19	98 628	19 090,709	255 959,230	13,408	12,937
23	20	98 556	17 704,523	236 868,521	13,379	12,908
24	21	98 482	16 418,877	219 163,997	13,348	12,878
25	22	98 407	15 226,223	202 745,121	13,316	12,845
26	23	98 330	14 120,133	187 518,898	13,280	12,810
27	24	98 251	13 093,924	173 398,765	13,243	12,772
28	25	98 169	12 141,987	160 304,840	13,203	12,732
29	26	98 088	11 259,417	148 162,853	13,159	12,688
30	27	98 001	10 440,232	136 903,436	13,113	12,642
31	28	97 912	9 680,509	126 463,205	13,064	12,593
32	29	97 817	8 975,548	116 782,696	13,011	12,541
33	30	97 717	8 321,463	107 807,148	12,955	12,485
34	31	97 615	7 714,857	99 485,685	12,895	12,425
35	32	97 508	7 152,120	91 770,828	12,831	12,361
36	33	97 391	6 629,772	84 618,708	12,763	12,293
37	34	97 270	6 145,253	77 988,937	12,691	12,220
38	35	97 136	5 695,419	71 843,684	12,614	12,144
39	36	96 991	5 277,861	66 148,265	12,533	12,062
40	37	96 834	4 890,299	60 870,404	12,447	11,977
41	38	96 658	4 530,319	55 980,105	12,357	11,886
42	39	96 472	4 196,377	51 449,786	12,261	11,790
43	40	96 260	3 886,021	47 253,409	12,160	11,689
44	41	96 021	3 597,542	43 367,388	12,055	11,584
45	42	95 753	3 329,473	39 769,846	11,945	11,474
46	43	95 456	3 080,410	36 440,373	11,830	11,359
47	44	95 122	2 848,857	33 359,963	11,710	11,239
48	45	94 741	2 633,358	30 511,106	11,586	11,116
49	46	94 318	2 433,021	27 877,748	11,458	10,987

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
50	47	93 847	2 246,762	25 444,726	11,325	10,854
51	48	93 319	2 073,423	23 197,965	11,188	10,718
52	49	92 713	1 911,800	21 124,541	11,050	10,579
53	50	92 059	1 761,778	19 212,741	10,905	10,435
54	51	91 349	1 622,453	17 450,963	10,756	10,285
55	52	90 561	1 492,771	15 828,510	10,603	10,133
56	53	89 702	1 372,251	14 335,739	10,447	9,976
57	54	88 780	1 260,466	12 963,489	10,285	9,814
58	55	87 785	1 156,692	11 703,023	10,118	9,647
59	56	86 705	1 060,285	10 546,331	9,947	9,476
60	57	85 553	970,956	9 486,046	9,770	9,299
61	58	84 326	888,191	8 515,090	9,587	9,116
62	59	83 016	811,507	7 626,898	9,398	8,928
63	60	81 634	740,596	6 815,391	9,203	8,732
64	61	80 167	674,981	6 074,795	9,000	8,529
65	62	78 583	614,053	5 399,814	8,794	8,323
66	63	76 911	557,764	4 785,761	8,580	8,110
67	64	75 130	505,654	4 227,996	8,361	7,891
68	65	73 244	457,506	3 722,342	8,136	7,665
69	66	71 280	413,217	3 264,836	7,901	7,430
70	67	69 191	372,253	2 851,619	7,660	7,190
71	68	66 998	334,529	2 479,366	7,412	6,941
72	69	64 693	299,789	2 144,837	7,154	6,684
73	70	62 271	267,809	1 845,048	6,889	6,419
74	71	59 711	238,329	1 577,239	6,618	6,147
75	72	56 946	210,944	1 338,910	6,347	5,877
76	73	54 021	185,715	1 127,966	6,074	5,603
77	74	50 930	162,498	942,251	5,799	5,328
78	75	47 646	141,085	779,753	5,527	5,056
79	76	44 161	121,360	638,668	5,263	4,792
80	77	40 544	103,406	517,308	5,003	4,532
81	78	36 856	87,238	413,902	4,745	4,274
82	79	33 075	72,658	326,664	4,496	4,025
83	80	29 314	59,764	254,006	4,250	3,780
84	81	25 620	48,477	194,242	4,007	3,536
85	82	22 005	38,641	145,766	3,772	3,302
86	83	18 533	30,203	107,124	3,547	3,076
87	84	15 270	23,096	76,921	3,330	2,860
88	85	12 250	17,196	53,825	3,130	2,659
89	86	9 570	12,467	36,629	2,938	2,467
90	87	7 218	8,727	24,162	2,769	2,298
91	88	5 304	5,951	15,434	2,593	2,123
92	89	3 725	3,879	9,483	2,445	1,974
93	90	2 506	2,422	5,604	2,314	1,843
94	91	1 621	1,454	3,182	2,188	1,718
95	92	995	0,828	1,728	2,086	1,615
96	93	587	0,453	0,900	1,985	1,514
97	94	329	0,236	0,446	1,893	1,422
98	95	175	0,116	0,211	1,809	1,339
99	96	88	0,054	0,094	1,733	1,262
100	97	42	0,024	0,040	1,664	1,193

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß   7,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	46	93 980	2 249,932	25 566,996	11,363	10,893
1							51	47	93 472	2 076,819	23 317,063	11,227	10,757
2							52	48	92 877	1 915,187	21 240,244	11,090	10,620
3							53	49	92 249	1 765,410	19 325,057	10,946	10,476
4	0	99 548	73 852,185	1 011 734,191	13,699	13,229	54	50	91 551	1 626,035	17 559,647	10,799	10,328
5	1	99 221	68 315,152	937 882,006	13,729	13,258	55	51	90 784	1 496,432	15 933,611	10,648	10,177
6	2	99 184	63 377,949	869 566,854	13,720	13,250	56	52	89 949	1 376,028	14 437,179	10,492	10,021
7	3	99 159	58 804,468	806 188,905	13,710	13,239	57	53	89 048	1 264,267	13 061,151	10,331	9,860
8	4	99 140	54 564,319	747 384,437	13,697	13,227	58	54	88 066	1 160,395	11 796,884	10,166	9,696
9	5	99 119	50 629,486	692 820,118	13,684	13,213	59	55	87 013	1 064,055	10 636,489	9,996	9,526
10	6	99 102	46 979,483	642 190,632	13,670	13,199	60	56	85 877	974,633	9 572,434	9,822	9,351
11	7	99 084	43 592,755	595 211,149	13,654	13,183	61	57	84 664	891,755	8 597,801	9,641	9,171
12	8	99 067	40 450,369	551 618,395	13,637	13,166	62	58	83 384	815,104	7 706,046	9,454	8,983
13	9	99 049	37 534,004	511 168,026	13,619	13,148	63	59	82 021	744,110	6 890,942	9,261	8,790
14	10	99 031	34 828,077	473 634,022	13,599	13,129	64	60	80 602	678,638	6 146,832	9,058	8,587
15	11	99 009	32 315,896	438 805,945	13,579	13,108	65	61	79 037	617,602	5 468,193	8,854	8,383
16	12	98 984	29 983,813	406 490,049	13,557	13,086	66	62	77 400	561,305	4 850,591	8,642	8,171
17	13	98 950	27 817,739	376 506,236	13,535	13,064	67	63	75 639	509,084	4 289,286	8,425	7,955
18	14	98 908	25 805,869	348 688,497	13,512	13,041	68	64	73 786	460,894	3 780,202	8,202	7,731
19	15	98 849	23 935,636	322 882,629	13,490	13,019	69	65	71 842	416,470	3 319,308	7,970	7,499
20	16	98 788	22 200,399	298 946,992	13,466	12,995	70	66	69 788	375,465	2 902,839	7,731	7,261
21	17	98 720	20 589,368	276 746,593	13,441	12,971	71	67	67 615	337,612	2 527,374	7,486	7,015
22	18	98 651	19 095,071	256 157,225	13,415	12,944	72	68	65 328	302,728	2 189,762	7,233	6,763
23	19	98 576	17 708,181	237 062,154	13,387	12,916	73	69	62 940	270,684	1 887,033	6,971	6,501
24	20	98 504	16 422,522	219 353,973	13,357	12,886	74	70	60 412	241,127	1 616,349	6,703	6,233
25	21	98 427	15 229,410	202 931,451	13,325	12,854	75	71	57 689	213,696	1 375,222	6,435	5,965
26	22	98 353	14 123,302	187 702,041	13,290	12,820	76	72	54 814	188,443	1 161,526	6,164	5,693
27	23	98 273	13 096,918	173 578,739	13,253	12,783	77	73	51 772	165,184	973,083	5,891	5,420
28	24	98 189	12 144,442	160 481,821	13,214	12,744	78	74	48 550	143,760	807,899	5,620	5,149
29	25	98 110	11 261,894	148 337,379	13,172	12,701	79	75	45 130	124,021	664,139	5,355	4,884
30	26	98 024	10 442,703	137 075,485	13,126	12,656	80	76	41 562	106,002	540,117	5,095	4,625
31	27	97 938	9 683,110	126 632,782	13,078	12,607	81	77	37 907	89,726	434,115	4,838	4,368
32	28	97 842	8 977,818	116 949,672	13,027	12,556	82	78	34 171	75,065	344,389	4,588	4,117
33	29	97 745	8 323,852	107 971,854	12,971	12,501	83	79	30 418	62,015	269,324	4,343	3,872
34	30	97 642	7 717,041	99 648,002	12,913	12,442	84	80	26 737	50,589	207,309	4,098	3,627
35	31	97 537	7 154,281	91 930,961	12,850	12,379	85	81	23 105	40,572	156,720	3,863	3,392
36	32	97 426	6 632,123	84 776,681	12,783	12,312	86	82	19 614	31,966	116,148	3,633	3,163
37	33	97 306	6 147,501	78 144,558	12,712	12,241	87	83	16 292	24,642	84,181	3,416	2,946
38	34	97 178	5 697,839	71 997,058	12,636	12,165	88	84	13 205	18,536	59,540	3,212	2,741
39	35	97 030	5 279,962	66 299,219	12,557	12,086	89	85	10 433	13,592	41,004	3,017	2,546
40	36	96 880	4 892,624	61 019,257	12,472	12,001	90	86	7 969	9,635	27,412	2,845	2,374
41	37	96 709	4 532,738	56 126,633	12,383	11,912	91	87	5 948	6,674	17,776	2,664	2,193
42	38	96 525	4 198,714	51 593,895	12,288	11,817	92	88	4 244	4,420	11,102	2,512	2,041
43	39	96 324	3 888,593	47 395,181	12,188	11,718	93	89	2 919	2,821	6,683	2,369	1,898
44	40	96 089	3 600,084	43 506,587	12,085	11,614	94	90	1 918	1,720	3,861	2,245	1,774
45	41	95 830	3 332,144	39 906,503	11,976	11,506	95	91	1 210	1,007	2,141	2,126	1,655
46	42	95 541	3 083,154	36 574,359	11,863	11,392	96	92	723	0,559	1,134	2,029	1,558
47	43	95 220	2 851,777	33 491,205	11,744	11,273	97	93	415	0,297	0,575	1,933	1,462
48	44	94 848	2 636,319	30 639,428	11,622	11,151	98	94	226	0,150	0,278	1,846	1,375
49	45	94 437	2 436,113	28 003,109	11,495	11,024	99	95	117	0,072	0,127	1,767	1,296
							100	96	57	0,033	0,055	1,694	1,224

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 7,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	45	94 099	2 252,791	25 679,166	11,399	10,928
1							51	46	93 604	2 079,750	23 426,375	11,264	10,793
2							52	47	93 029	1 918,324	21 346,625	11,128	10,657
3							53	48	92 412	1 768,538	19 428,301	10,986	10,515
4							54	49	91 740	1 629,388	17 659,763	10,838	10,368
5	0	99 535	68 531,209	938 353,240	13,692	13,222	55	50	90 984	1 499,736	16 030,375	10,689	10,218
6	1	99 210	63 394,683	869 822,031	13,721	13,250	56	51	90 169	1 379,403	14 530,639	10,534	10,063
7	2	99 174	58 813,228	806 427,347	13,712	13,241	57	52	89 293	1 267,748	13 151,236	10,374	9,903
8	3	99 151	54 570,416	747 614,120	13,700	13,229	58	53	88 332	1 163,894	11 883,488	10,210	9,739
9	4	99 131	50 635,521	693 043,704	13,687	13,216	59	54	87 291	1 067,462	10 719,594	10,042	9,571
10	5	99 112	46 984,232	642 408,183	13,673	13,202	60	55	86 183	978,098	9 652,132	9,868	9,398
11	6	99 093	43 596,552	595 423,951	13,658	13,187	61	56	84 985	895,132	8 674,034	9,690	9,220
12	7	99 076	40 453,841	551 827,400	13,641	13,170	62	57	83 719	818,375	7 778,902	9,505	9,035
13	8	99 056	37 536,768	511 373,558	13,623	13,153	63	58	82 385	747,408	6 960,528	9,313	8,842
14	9	99 038	34 830,479	473 836,790	13,604	13,133	64	59	80 984	681,858	6 213,120	9,112	8,641
15	10	99 016	32 318,189	439 006,311	13,584	13,113	65	60	79 466	620,949	5 531,262	8,908	8,437
16	11	98 992	29 986,211	406 688,122	13,563	13,092	66	61	77 847	564,549	4 910,313	8,698	8,227
17	12	98 958	27 819,978	376 701,910	13,541	13,070	67	62	76 119	512,316	4 345,764	8,483	8,012
18	13	98 916	25 808,181	348 881,932	13,518	13,048	68	63	74 287	464,020	3 833,448	8,261	7,791
19	14	98 860	23 938,231	323 073,751	13,496	13,025	69	64	72 373	419,553	3 369,428	8,031	7,560
20	15	98 801	22 203,192	299 135,520	13,473	13,002	70	65	70 337	378,420	2 949,875	7,795	7,325
21	16	98 735	20 592,536	276 932,328	13,448	12,978	71	66	68 199	340,525	2 571,455	7,551	7,081
22	17	98 667	19 098,136	256 339,792	13,422	12,952	72	67	65 930	305,519	2 230,930	7,302	6,831
23	18	98 599	17 712,227	237 241,656	13,394	12,924	73	68	63 557	273,338	1 925,411	7,044	6,573
24	19	98 525	16 425,915	219 529,430	13,365	12,894	74	69	61 061	243,716	1 652,073	6,779	6,308
25	20	98 449	15 232,792	203 103,515	13,333	12,863	75	70	58 366	216,205	1 408,357	6,514	6,043
26	21	98 373	14 126,258	187 870,723	13,299	12,829	76	71	55 529	190,901	1 192,151	6,245	5,774
27	22	98 295	13 099,857	173 744,465	13,263	12,792	77	72	52 533	167,610	1 001,250	5,974	5,503
28	23	98 211	12 147,219	160 644,609	13,225	12,754	78	73	49 352	146,137	833,640	5,705	5,234
29	24	98 130	11 264,171	148 497,390	13,183	12,712	79	74	45 985	126,373	687,503	5,440	4,970
30	25	98 045	10 445,001	137 233,219	13,139	12,668	80	75	42 474	108,327	561,130	5,180	4,709
31	26	97 961	9 685,402	126 788,218	13,091	12,620	81	76	38 858	91,978	452,803	4,923	4,452
32	27	97 868	8 980,231	117 102,816	13,040	12,569	82	77	35 145	77,205	360,825	4,674	4,203
33	28	97 770	8 325,957	108 122,585	12,986	12,516	83	78	31 426	64,070	283,620	4,427	3,956
34	29	97 670	7 719,255	99 796,628	12,928	12,458	84	79	27 744	52,495	219,550	4,182	3,712
35	30	97 565	7 156,306	92 077,372	12,867	12,396	85	80	24 112	42,341	167,055	3,945	3,475
36	31	97 455	6 634,126	84 921,066	12,801	12,330	86	81	20 595	33,563	124,714	3,716	3,245
37	32	97 340	6 149,680	78 286,940	12,730	12,260	87	82	17 243	26,080	91,151	3,495	3,024
38	33	97 213	5 699,923	72 137,260	12,656	12,185	88	83	14 089	19,776	65,071	3,290	2,820
39	34	97 071	5 282,205	66 437,337	12,578	12,107	89	84	11 247	14,652	45,294	3,091	2,621
40	35	96 918	4 894,571	61 155,131	12,494	12,024	90	85	8 688	10,504	30,643	2,917	2,446
41	36	96 755	4 534,893	56 260,560	12,406	11,935	91	86	6 567	7,368	20,138	2,733	2,262
42	37	96 577	4 200,956	51 725,667	12,313	11,842	92	87	4 759	4,956	12,770	2,576	2,106
43	38	96 378	3 890,759	47 524,711	12,215	11,744	93	88	3 326	3,214	7,814	2,431	1,960
44	39	96 152	3 602,468	43 633,952	12,112	11,642	94	89	2 234	2,004	4,599	2,295	1,825
45	40	95 898	3 334,499	40 031,484	12,005	11,535	95	90	1 432	1,192	2,595	2,178	1,707
46	41	95 618	3 085,627	36 696,985	11,893	11,422	96	91	880	0,680	1,404	2,065	1,594
47	42	95 305	2 854,318	33 611,358	11,776	11,305	97	92	512	0,367	0,724	1,973	1,503
48	43	94 945	2 639,021	30 757,040	11,655	11,184	98	93	285	0,190	0,357	1,883	1,412
49	44	94 544	2 438,853	28 118,019	11,529	11,059	99	94	151	0,093	0,167	1,800	1,330
							100	95	75	0,043	0,074	1,725	1,255

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß   7,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	44	94 205	2 255,324	25 781,939	11,432	10,961
1							51	45	93 723	2 082,393	23 526,614	11,298	10,827
2							52	46	93 161	1 921,031	21 444,221	11,163	10,692
3							53	47	92 564	1 771,434	19 523,191	11,021	10,550
4							54	48	91 902	1 632,275	17 751,756	10,875	10,405
5							55	49	91 172	1 502,828	16 119,482	10,726	10,255
6	0	99 524	63 595,179	870 255,392	13,684	13,214	56	50	90 368	1 382,449	14 616,653	10,573	10,102
7	1	99 200	58 828,757	806 660,213	13,712	13,241	57	51	89 512	1 270,857	13 234,204	10,414	9,943
8	2	99 165	54 578,545	747 831,457	13,702	13,231	58	52	88 575	1 167,098	11 963,347	10,251	9,780
9	3	99 142	50 641,179	693 252,912	13,690	13,219	59	53	87 555	1 070,681	10 796,249	10,084	9,613
10	4	99 124	46 989,832	642 611,733	13,676	13,205	60	54	86 458	981,230	9 725,568	9,912	9,441
11	5	99 103	43 600,959	595 621,901	13,661	13,190	61	55	85 287	898,315	8 744,338	9,734	9,263
12	6	99 084	40 457,365	552 020,942	13,645	13,174	62	56	84 036	821,473	7 846,024	9,551	9,080
13	7	99 065	37 539,990	511 563,578	13,627	13,157	63	57	82 715	750,407	7 024,550	9,361	8,890
14	8	99 045	34 833,045	474 023,588	13,608	13,138	64	58	81 343	684,880	6 274,143	9,161	8,690
15	9	99 023	32 320,419	439 190,543	13,589	13,118	65	59	79 843	623,895	5 589,263	8,959	8,488
16	10	98 999	29 988,340	406 870,124	13,568	13,097	66	60	78 269	567,608	4 965,369	8,748	8,277
17	11	98 966	27 822,203	376 881,785	13,546	13,075	67	61	76 559	515,277	4 397,761	8,535	8,064
18	12	98 924	25 810,258	349 059,582	13,524	13,053	68	62	74 758	466,966	3 882,484	8,314	7,844
19	13	98 869	23 940,376	323 249,323	13,502	13,032	69	63	72 864	422,399	3 415,518	8,086	7,615
20	14	98 812	22 205,599	299 308,948	13,479	13,008	70	64	70 858	381,222	2 993,119	7,851	7,381
21	15	98 748	20 595,127	277 103,349	13,455	12,984	71	65	68 736	343,206	2 611,897	7,610	7,140
22	16	98 682	19 101,075	256 508,222	13,429	12,958	72	66	66 499	308,155	2 268,692	7,362	6,892
23	17	98 614	17 715,069	237 407,147	13,401	12,931	73	67	64 143	275,857	1 960,537	7,107	6,636
24	18	98 547	16 429,668	219 692,078	13,372	12,901	74	68	61 660	246,106	1 684,679	6,845	6,375
25	19	98 469	15 235,938	203 262,410	13,341	12,870	75	69	58 993	218,526	1 438,573	6,583	6,112
26	20	98 395	14 129,395	188 026,472	13,307	12,837	76	70	56 181	193,142	1 220,047	6,317	5,846
27	21	98 316	13 102,599	173 897,077	13,272	12,801	77	71	53 218	169,797	1 026,905	6,048	5,577
28	22	98 233	12 149,944	160 794,478	13,234	12,764	78	72	50 077	148,283	857,108	5,780	5,310
29	23	98 152	11 266,746	148 644,534	13,193	12,723	79	73	46 745	128,462	708,824	5,518	5,047
30	24	98 065	10 447,113	137 377,787	13,150	12,679	80	74	43 279	110,381	580,362	5,258	4,787
31	25	97 983	9 687,533	126 930,675	13,102	12,632	81	75	39 711	93,995	469,982	5,000	4,529
32	26	97 891	8 982,357	117 243,141	13,053	12,582	82	76	36 027	79,144	375,986	4,751	4,280
33	27	97 796	8 328,194	108 260,785	12,999	12,529	83	77	32 322	65,897	296,842	4,505	4,034
34	28	97 695	7 721,208	99 932,590	12,943	12,472	84	78	28 663	54,235	230,946	4,258	3,788
35	29	97 593	7 158,360	92 211,382	12,882	12,411	85	79	25 020	43,936	176,711	4,022	3,551
36	30	97 483	6 636,004	85 053,023	12,817	12,346	86	80	21 492	35,026	132,776	3,791	3,320
37	31	97 370	6 151,538	78 417,018	12,748	12,277	87	81	18 104	27,383	97,749	3,570	3,099
38	32	97 248	5 701,944	72 265,480	12,674	12,203	88	82	14 911	20,931	70,366	3,362	2,891
39	33	97 106	5 284,137	66 563,536	12,597	12,126	89	83	11 999	15,632	49,436	3,162	2,692
40	34	96 959	4 896,651	61 279,398	12,515	12,044	90	84	9 365	11,323	33,804	2,985	2,515
41	35	96 794	4 536,698	56 382,747	12,428	11,957	91	85	7 159	8,033	22,480	2,798	2,328
42	36	96 623	4 202,954	51 846,050	12,336	11,865	92	86	5 254	5,472	14,447	2,640	2,170
43	37	96 429	3 892,837	47 643,096	12,239	11,768	93	87	3 730	3,605	8,975	2,490	2,019
44	38	96 206	3 604,474	43 750,259	12,138	11,667	94	88	2 545	2,283	5,371	2,352	1,882
45	39	95 961	3 336,706	40 145,785	12,032	11,561	95	89	1 668	1,388	3,088	2,224	1,753
46	40	95 685	3 087,808	36 809,079	11,921	11,450	96	90	1 041	0,804	1,699	2,113	1,643
47	41	95 381	2 856,608	33 721,271	11,805	11,334	97	91	622	0,446	0,895	2,007	1,536
48	42	95 030	2 641,372	30 864,663	11,685	11,214	98	92	352	0,234	0,449	1,920	1,449
49	43	94 641	2 441,352	28 223,291	11,561	11,090	99	93	190	0,117	0,215	1,834	1,364
							100	94	97	0,056	0,098	1,757	1,286

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß   7,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	43	94 301	2 257,636	25 876,057	11,462	10,991
1							51	44	93 828	2 084,734	23 618,421	11,329	10,859
2							52	45	93 279	1 923,472	21 533,686	11,195	10,725
3							53	46	92 694	1 773,934	19 610,214	11,055	10,584
4							54	47	92 053	1 634,948	17 836,280	10,909	10,439
5							55	48	91 333	1 505,491	16 201,332	10,761	10,291
6							56	49	90 555	1 385,299	14 695,841	10,608	10,138
7	0	99 513	59 014,812	807 058,727	13,676	13,205	57	50	89 710	1 273,663	13 310,542	10,451	9,980
8	1	99 192	54 592,955	748 043,915	13,702	13,232	58	51	88 792	1 169,961	12 036,879	10,288	9,818
9	2	99 157	50 648,723	693 450,960	13,691	13,221	59	52	87 796	1 073,628	10 866,918	10,122	9,651
10	3	99 135	46 995,083	642 802,237	13,678	13,207	60	53	86 719	984,189	9 793,290	9,951	9,480
11	4	99 115	43 606,156	595 807,154	13,663	13,193	61	54	85 560	901,191	8 809,101	9,775	9,304
12	5	99 094	40 461,454	552 200,998	13,648	13,177	62	55	84 335	824,394	7 907,910	9,592	9,122
13	6	99 073	37 543,260	511 739,544	13,631	13,160	63	56	83 028	753,248	7 083,516	9,404	8,933
14	7	99 054	34 836,034	474 196,284	13,612	13,142	64	57	81 669	687,628	6 330,268	9,206	8,735
15	8	99 030	32 322,799	439 360,250	13,593	13,122	65	58	80 196	626,660	5 642,640	9,004	8,534
16	9	99 005	29 990,408	407 037,451	13,572	13,102	66	59	78 640	570,301	5 015,980	8,795	8,325
17	10	98 973	27 824,178	377 047,042	13,551	13,080	67	60	76 974	518,069	4 445,679	8,581	8,111
18	11	98 932	25 812,322	349 222,864	13,529	13,059	68	61	75 190	469,665	3 927,610	8,363	7,892
19	12	98 877	23 942,303	323 410,542	13,508	13,037	69	62	73 327	425,080	3 457,945	8,135	7,664
20	13	98 820	22 207,588	299 468,239	13,485	13,014	70	63	71 338	383,808	3 032,865	7,902	7,431
21	14	98 758	20 597,360	277 260,651	13,461	12,990	71	64	69 244	345,747	2 649,057	7,662	7,191
22	15	98 694	19 103,478	256 663,291	13,435	12,965	72	65	67 022	310,580	2 303,310	7,416	6,945
23	16	98 630	17 717,796	237 559,814	13,408	12,937	73	66	64 696	278,238	1 992,730	7,162	6,691
24	17	98 563	16 432,305	219 842,018	13,379	12,908	74	67	62 228	248,374	1 714,492	6,903	6,432
25	18	98 492	15 239,419	203 409,713	13,348	12,877	75	68	59 571	220,669	1 466,118	6,644	6,173
26	19	98 415	14 132,314	188 170,294	13,315	12,844	76	69	56 784	195,216	1 245,449	6,380	5,909
27	20	98 338	13 105,508	174 037,981	13,280	12,809	77	70	53 843	171,791	1 050,233	6,113	5,643
28	21	98 254	12 152,488	160 932,472	13,243	12,772	78	71	50 730	150,218	878,443	5,848	5,377
29	22	98 174	11 269,274	148 779,985	13,202	12,732	79	72	47 432	130,349	728,225	5,587	5,116
30	23	98 088	10 449,501	137 510,710	13,160	12,689	80	73	43 994	112,205	597,876	5,328	4,858
31	24	98 002	9 689,492	127 061,209	13,113	12,643	81	74	40 463	95,778	485,670	5,071	4,600
32	25	97 913	8 984,333	117 371,717	13,064	12,593	82	75	36 818	80,879	389,893	4,821	4,350
33	26	97 819	8 330,166	108 387,384	13,011	12,541	83	76	33 133	67,551	309,014	4,575	4,104
34	27	97 721	7 723,283	100 057,218	12,955	12,485	84	77	29 481	55,781	241,462	4,329	3,858
35	28	97 618	7 160,170	92 333,936	12,895	12,425	85	78	25 849	45,391	185,681	4,091	3,620
36	29	97 511	6 637,909	85 173,765	12,831	12,361	86	79	22 302	36,346	140,290	3,860	3,389
37	30	97 397	6 153,280	78 535,856	12,763	12,293	87	80	18 894	28,577	103,944	3,637	3,167
38	31	97 277	5 703,667	72 382,576	12,691	12,220	88	81	15 656	21,976	75,367	3,429	2,959
39	32	97 141	5 286,011	66 678,909	12,614	12,144	89	82	12 699	16,544	53,391	3,227	2,757
40	33	96 995	4 898,442	61 392,898	12,533	12,062	90	83	9 992	12,081	36,847	3,050	2,579
41	34	96 835	4 538,626	56 494,456	12,447	11,977	91	84	7 717	8,659	24,766	2,860	2,389
42	35	96 661	4 204,626	51 955,831	12,357	11,886	92	85	5 729	5,966	16,107	2,700	2,229
43	36	96 475	3 894,687	47 751,204	12,261	11,790	93	86	4 118	3,980	10,141	2,548	2,078
44	37	96 257	3 606,399	43 856,517	12,161	11,690	94	87	2 854	2,560	6,161	2,406	1,936
45	38	96 015	3 338,565	40 250,118	12,056	11,585	95	88	1 900	1,582	3,601	2,277	1,806
46	39	95 749	3 089,852	36 911,553	11,946	11,475	96	89	1 212	0,937	2,019	2,156	1,685
47	40	95 449	2 858,626	33 821,701	11,831	11,361	97	90	736	0,528	1,083	2,051	1,580
48	41	95 106	2 643,491	30 963,075	11,713	11,242	98	91	427	0,284	0,555	1,951	1,480
49	42	94 725	2 443,527	28 319,584	11,590	11,119	99	92	234	0,145	0,270	1,869	1,398
							100	93	123	0,070	0,126	1,788	1,317

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß   7,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	42	94 385	2 259,647	25 962,119	11,489	11,019
1							51	43	93 924	2 086,871	23 702,471	11,358	10,887
2							52	44	93 384	1 925,635	21 615,600	11,225	10,755
3							53	45	92 812	1 776,188	19 689,965	11,086	10,615
4							54	46	92 183	1 637,255	17 913,777	10,941	10,471
5							55	47	91 483	1 507,956	16 276,522	10,794	10,323
6							56	48	90 715	1 387,753	14 768,565	10,642	10,171
7							57	49	89 895	1 276,289	13 380,812	10,484	10,013
8	0	99 505	54 765,614	748 410,376	13,666	13,195	58	50	88 988	1 172,544	12 104,523	10,323	9,853
9	1	99 183	50 662,096	693 644,762	13,692	13,221	59	51	88 011	1 076,262	10 931,979	10,157	9,687
10	2	99 149	47 002,084	642 982,666	13,680	13,209	60	52	86 958	986,898	9 855,717	9,987	9,516
11	3	99 126	43 611,028	595 980,583	13,666	13,195	61	53	85 818	903,908	8 868,819	9,812	9,341
12	4	99 106	40 466,277	552 369,554	13,650	13,179	62	54	84 605	827,034	7 964,910	9,631	9,160
13	5	99 083	37 547,055	511 903,277	13,634	13,163	63	55	83 324	755,927	7 137,877	9,443	8,972
14	6	99 062	34 839,069	474 356,222	13,616	13,145	64	56	81 979	690,232	6 381,950	9,246	8,775
15	7	99 039	32 325,574	439 517,154	13,597	13,126	65	57	80 518	629,174	5 691,718	9,046	8,576
16	8	99 013	29 992,617	407 191,580	13,576	13,106	66	58	78 989	572,829	5 062,544	8,838	8,367
17	9	98 980	27 826,097	377 198,963	13,556	13,085	67	59	77 339	520,527	4 489,716	8,625	8,155
18	10	98 939	25 814,155	349 372,865	13,534	13,063	68	60	75 598	472,210	3 969,189	8,406	7,935
19	11	98 885	23 944,218	323 558,711	13,513	13,042	69	61	73 751	427,537	3 496,979	8,179	7,709
20	12	98 828	22 209,376	299 614,493	13,490	13,020	70	62	71 791	386,244	3 069,442	7,947	7,476
21	13	98 767	20 599,205	277 405,117	13,467	12,996	71	63	69 714	348,092	2 683,198	7,708	7,238
22	14	98 705	19 105,549	256 805,913	13,441	12,971	72	64	67 518	312,880	2 335,106	7,463	6,993
23	15	98 642	17 720,025	237 700,364	13,414	12,944	73	65	65 205	280,428	2 022,226	7,211	6,741
24	16	98 578	16 434,833	219 980,339	13,385	12,914	74	66	62 765	250,517	1 741,798	6,953	6,482
25	17	98 508	15 241,865	203 545,506	13,354	12,884	75	67	60 120	222,703	1 491,281	6,696	6,226
26	18	98 438	14 135,542	188 303,641	13,321	12,851	76	68	57 341	197,130	1 268,578	6,435	5,965
27	19	98 358	13 108,216	174 168,099	13,287	12,816	77	69	54 421	173,635	1 071,448	6,171	5,700
28	20	98 276	12 155,186	161 059,883	13,250	12,780	78	70	51 326	151,982	897,813	5,907	5,437
29	21	98 195	11 271,633	148 904,697	13,211	12,740	79	71	48 051	132,049	745,832	5,648	5,177
30	22	98 110	10 451,846	137 633,064	13,168	12,698	80	72	44 641	113,854	613,782	5,391	4,920
31	23	98 025	9 691,707	127 181,218	13,123	12,652	81	73	41 132	97,361	499,928	5,135	4,664
32	24	97 932	8 986,149	117 489,510	13,075	12,604	82	74	37 516	82,413	402,568	4,885	4,414
33	25	97 841	8 331,999	108 503,361	13,022	12,552	83	75	33 860	69,032	320,155	4,638	4,167
34	26	97 744	7 725,111	100 171,362	12,967	12,496	84	76	30 221	57,182	251,122	4,392	3,921
35	27	97 644	7 162,095	92 446,251	12,908	12,437	85	77	26 586	46,686	193,941	4,154	3,684
36	28	97 536	6 639,588	85 284,157	12,845	12,374	86	78	23 041	37,550	147,255	3,922	3,451
37	29	97 425	6 155,046	78 644,569	12,777	12,307	87	79	19 605	29,653	109,705	3,700	3,229
38	30	97 305	5 705,282	72 489,523	12,706	12,235	88	80	16 338	22,934	80,052	3,490	3,020
39	31	97 170	5 287,608	66 784,241	12,630	12,160	89	81	13 334	17,371	57,118	3,288	2,817
40	32	97 029	4 900,179	61 496,633	12,550	12,079	90	82	10 575	12,786	39,747	3,109	2,638
41	33	96 871	4 540,286	56 596,454	12,465	11,995	91	83	8 233	9,239	26,961	2,918	2,448
42	34	96 702	4 206,413	52 056,168	12,375	11,905	92	84	6 175	6,431	17,722	2,756	2,285
43	35	96 514	3 896,237	47 849,755	12,281	11,810	93	85	4 489	4,339	11,291	2,603	2,132
44	36	96 303	3 608,114	43 953,518	12,182	11,711	94	86	3 151	2,827	6,953	2,460	1,989
45	37	96 066	3 340,347	40 345,404	12,078	11,608	95	87	2 131	1,774	4,126	2,326	1,856
46	38	95 802	3 091,573	37 005,057	11,970	11,499	96	88	1 381	1,067	2,352	2,204	1,733
47	39	95 512	2 860,519	33 913,484	11,856	11,385	97	89	858	0,615	1,285	2,090	1,619
48	40	95 173	2 645,359	31 052,965	11,739	11,268	98	90	506	0,337	0,670	1,992	1,521
49	41	94 801	2 445,487	28 407,606	11,616	11,146	99	91	285	0,176	0,334	1,897	1,426
							100	92	151	0,087	0,158	1,820	1,349

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß   7,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	41	94 461	2 261,460	26 040,768	11,515	11,044
1							51	42	94 008	2 088,730	23 779,309	11,385	10,914
2							52	43	93 480	1 927,609	21 690,578	11,253	10,782
3							53	44	92 917	1 778,186	19 762,970	11,114	10,643
4							54	45	92 300	1 639,336	17 984,784	10,971	10,500
5							55	46	91 612	1 510,084	16 345,448	10,824	10,354
6							56	47	90 864	1 390,026	14 835,364	10,673	10,202
7							57	48	90 054	1 278,550	13 445,337	10,516	10,045
8							58	49	89 171	1 174,962	12 166,787	10,355	9,884
9	0	99 497	50 822,323	693 981,745	13,655	13,184	59	50	88 205	1 078,638	10 991,825	10,190	9,720
10	1	99 176	47 014,494	643 159,423	13,680	13,209	60	51	87 171	989,319	9 913,187	10,020	9,550
11	2	99 140	43 617,525	596 144,929	13,668	13,197	61	52	86 054	906,397	8 923,869	9,845	9,375
12	3	99 117	40 470,799	552 527,404	13,652	13,182	62	53	84 860	829,528	8 017,472	9,665	9,194
13	4	99 095	37 551,530	512 056,605	13,636	13,165	63	54	83 590	758,347	7 187,945	9,478	9,008
14	5	99 072	34 842,590	474 505,075	13,619	13,148	64	55	82 270	692,686	6 429,598	9,282	8,811
15	6	99 047	32 328,389	439 662,485	13,600	13,129	65	56	80 823	631,557	5 736,912	9,084	8,613
16	7	99 021	29 995,192	407 334,096	13,580	13,109	66	57	79 306	575,127	5 105,355	8,877	8,406
17	8	98 987	27 828,147	377 338,904	13,560	13,089	67	58	77 682	522,834	4 530,228	8,665	8,194
18	9	98 946	25 815,935	349 510,757	13,539	13,068	68	59	75 957	474,450	4 007,394	8,446	7,976
19	10	98 892	23 945,917	323 694,822	13,518	13,047	69	60	74 150	429,854	3 532,944	8,219	7,748
20	11	98 836	22 211,152	299 748,905	13,495	13,025	70	61	72 206	388,477	3 103,090	7,988	7,517
21	12	98 775	20 600,863	277 537,753	13,472	13,001	71	62	70 157	350,302	2 714,614	7,749	7,279
22	13	98 714	19 107,260	256 936,890	13,447	12,976	72	63	67 976	315,002	2 364,312	7,506	7,035
23	14	98 653	17 721,945	237 829,630	13,420	12,949	73	64	65 688	282,504	2 049,310	7,254	6,783
24	15	98 590	16 436,901	220 107,684	13,391	12,920	74	65	63 259	252,489	1 766,806	6,998	6,527
25	16	98 523	15 244,211	203 670,783	13,361	12,890	75	66	60 639	224,624	1 514,317	6,742	6,271
26	17	98 454	14 137,811	188 426,572	13,328	12,857	76	67	57 870	198,947	1 289,693	6,483	6,012
27	18	98 381	13 111,210	174 288,761	13,293	12,822	77	68	54 955	175,337	1 090,745	6,221	5,750
28	19	98 296	12 157,697	161 177,551	13,257	12,787	78	69	51 877	153,613	915,408	5,959	5,489
29	20	98 216	11 274,136	149 019,854	13,218	12,747	79	70	48 615	133,600	761,795	5,702	5,231
30	21	98 130	10 454,034	137 745,718	13,176	12,706	80	71	45 223	115,339	628,195	5,447	4,976
31	22	98 047	9 693,882	127 291,684	13,131	12,660	81	72	41 737	98,791	512,856	5,191	4,721
32	23	97 955	8 988,204	117 597,802	13,084	12,613	82	73	38 136	83,775	414,065	4,943	4,472
33	24	97 860	8 333,683	108 609,598	13,033	12,562	83	74	34 502	70,341	330,290	4,696	4,225
34	25	97 766	7 726,811	100 275,915	12,978	12,507	84	75	30 884	58,435	259,949	4,448	3,978
35	26	97 667	7 163,790	92 549,104	12,919	12,448	85	76	27 253	47,858	201,513	4,211	3,740
36	27	97 562	6 641,372	85 385,314	12,857	12,386	86	77	23 698	38,621	153,655	3,979	3,508
37	28	97 450	6 156,603	78 743,942	12,790	12,319	87	78	20 255	30,636	115,035	3,755	3,284
38	29	97 333	5 706,919	72 587,339	12,719	12,249	88	79	16 954	23,798	84,399	3,546	3,076
39	30	97 198	5 289,105	66 880,420	12,645	12,174	89	80	13 915	18,128	60,601	3,343	2,872
40	31	97 059	4 901,659	61 591,315	12,565	12,095	90	81	11 104	13,425	42,473	3,164	2,693
41	32	96 905	4 541,896	56 689,656	12,481	12,011	91	82	8 714	9,778	29,048	2,971	2,500
42	33	96 738	4 207,952	52 147,760	12,393	11,922	92	83	6 588	6,861	19,270	2,809	2,338
43	34	96 555	3 897,893	47 939,808	12,299	11,828	93	84	4 839	4,677	12,409	2,653	2,183
44	35	96 341	3 609,549	44 041,915	12,201	11,731	94	85	3 436	3,082	7,732	2,509	2,038
45	36	96 112	3 341,936	40 432,366	12,098	11,628	95	86	2 352	1,958	4,650	2,375	1,904
46	37	95 853	3 093,224	37 090,430	11,991	11,520	96	87	1 549	1,197	2,692	2,249	1,779
47	38	95 565	2 862,112	33 997,207	11,878	11,408	97	88	977	0,701	1,495	2,135	1,664
48	39	95 236	2 647,110	31 135,094	11,762	11,291	98	89	589	0,392	0,795	2,027	1,557
49	40	94 868	2 447,216	28 487,984	11,641	11,170	99	90	337	0,208	0,403	1,935	1,464
							100	91	184	0,105	0,195	1,845	1,374

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß   7,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	40	94 528	2 263,058	26 112,571	11,539	11,068
1							51	41	94 083	2 090,406	23 849,513	11,409	10,938
2							52	42	93 563	1 929,326	21 759,107	11,278	10,807
3							53	43	93 012	1 780,008	19 829,782	11,140	10,670
4							54	44	92 404	1 641,179	18 049,773	10,998	10,527
5							55	45	91 728	1 512,003	16 408,594	10,852	10,382
6							56	46	90 992	1 391,988	14 896,591	10,702	10,231
7							57	47	90 201	1 280,644	13 504,603	10,545	10,075
8							58	48	89 329	1 177,043	12 223,959	10,385	9,915
9							59	49	88 387	1 080,862	11 046,916	10,220	9,750
10	0	99 489	47 163,184	643 469,304	13,643	13,173	60	50	87 364	991,503	9 966,054	10,051	9,581
11	1	99 167	43 629,041	596 306,119	13,668	13,197	61	51	86 265	908,620	8 974,551	9,877	9,406
12	2	99 132	40 476,828	552 677,078	13,654	13,183	62	52	85 093	831,811	8 065,931	9,697	9,226
13	3	99 106	37 555,726	512 200,250	13,638	13,168	63	53	83 842	760,634	7 234,119	9,511	9,040
14	4	99 084	34 846,743	474 644,524	13,621	13,150	64	54	82 534	694,904	6 473,486	9,316	8,845
15	5	99 057	32 331,657	439 797,781	13,603	13,132	65	55	81 110	633,802	5 778,582	9,117	8,647
16	6	99 030	29 997,804	407 466,123	13,583	13,113	66	56	79 606	577,305	5 144,780	8,912	8,441
17	7	98 995	27 830,535	377 468,319	13,563	13,092	67	57	77 994	524,932	4 567,475	8,701	8,230
18	8	98 953	25 817,837	349 637,784	13,542	13,072	68	58	76 293	476,553	4 042,543	8,483	8,012
19	9	98 899	23 947,569	323 819,947	13,522	13,051	69	59	74 502	431,893	3 565,991	8,257	7,786
20	10	98 843	22 212,729	299 872,378	13,500	13,029	70	60	72 597	390,582	3 134,097	8,024	7,554
21	11	98 783	20 602,511	277 659,649	13,477	13,006	71	61	70 562	352,326	2 743,516	7,787	7,316
22	12	98 722	19 108,798	257 057,139	13,452	12,982	72	62	68 408	317,002	2 391,189	7,543	7,072
23	13	98 661	17 723,533	237 948,340	13,426	12,955	73	63	66 134	284,420	2 074,188	7,293	6,822
24	14	98 601	16 438,683	220 224,807	13,397	12,926	74	64	63 727	254,358	1 789,767	7,036	6,566
25	15	98 535	15 246,129	203 786,125	13,366	12,896	75	65	61 116	226,392	1 535,409	6,782	6,311
26	16	98 469	14 139,987	188 539,996	13,334	12,863	76	66	58 369	200,664	1 309,016	6,523	6,053
27	17	98 396	13 113,315	174 400,009	13,299	12,829	77	67	55 461	176,953	1 108,353	6,264	5,793
28	18	98 318	12 160,475	161 286,695	13,263	12,793	78	68	52 386	155,119	931,399	6,004	5,534
29	19	98 237	11 276,465	149 126,220	13,225	12,754	79	69	49 137	135,034	776,280	5,749	5,278
30	20	98 152	10 456,355	137 849,755	13,183	12,713	80	70	45 754	116,693	641,246	5,495	5,024
31	21	98 067	9 695,911	127 393,400	13,139	12,668	81	71	42 281	100,080	524,553	5,241	4,771
32	22	97 977	8 990,221	117 697,489	13,092	12,621	82	72	38 696	85,006	424,473	4,993	4,523
33	23	97 883	8 335,589	108 707,268	13,041	12,571	83	73	35 072	71,504	339,467	4,748	4,277
34	24	97 786	7 728,373	100 371,679	12,987	12,517	84	74	31 469	59,543	267,963	4,500	4,030
35	25	97 688	7 165,366	92 643,306	12,929	12,459	85	75	27 851	48,907	208,420	4,262	3,791
36	26	97 585	6 642,944	85 477,940	12,867	12,397	86	76	24 293	39,591	159,512	4,029	3,558
37	27	97 476	6 158,257	78 834,996	12,802	12,331	87	77	20 832	31,509	119,922	3,806	3,335
38	28	97 357	5 708,363	72 676,739	12,732	12,261	88	78	17 515	24,587	88,413	3,596	3,125
39	29	97 226	5 290,623	66 968,376	12,658	12,187	89	79	14 439	18,811	63,826	3,393	2,922
40	30	97 086	4 903,047	61 677,753	12,579	12,109	90	80	11 588	14,010	45,015	3,213	2,742
41	31	96 934	4 543,268	56 774,706	12,496	12,026	91	81	9 149	10,266	31,005	3,020	2,549
42	32	96 772	4 209,444	52 231,438	12,408	11,937	92	82	6 973	7,261	20,739	2,856	2,385
43	33	96 590	3 899,319	48 021,994	12,315	11,845	93	83	5 163	4,990	13,477	2,701	2,230
44	34	96 382	3 611,083	44 122,675	12,219	11,748	94	84	3 704	3,322	8,488	2,555	2,084
45	35	96 150	3 343,265	40 511,592	12,117	11,647	95	85	2 565	2,135	5,166	2,420	1,949
46	36	95 899	3 094,694	37 168,327	12,010	11,540	96	86	1 710	1,321	3,031	2,294	1,823
47	37	95 616	2 863,641	34 073,632	11,899	11,428	97	87	1 096	0,786	1,709	2,176	1,705
48	38	95 289	2 648,585	31 209,992	11,784	11,313	98	88	671	0,447	0,924	2,068	1,597
49	39	94 931	2 448,836	28 561,407	11,663	11,193	99	89	393	0,242	0,477	1,967	1,497
							100	90	218	0,125	0,235	1,880	1,409

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß   7,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	39	94 590	2 264,556	26 178,151	11,560	11,089
1							51	40	94 150	2 091,883	23 913,595	11,432	10,961
2							52	41	93 638	1 930,873	21 821,712	11,301	10,831
3							53	42	93 095	1 781,594	19 890,838	11,165	10,694
4							54	43	92 498	1 642,861	18 109,244	11,023	10,552
5							55	44	91 831	1 513,703	16 466,383	10,878	10,408
6							56	45	91 108	1 393,757	14 952,679	10,728	10,258
7							57	46	90 329	1 282,451	13 558,923	10,573	10,102
8							58	47	89 476	1 178,971	12 276,471	10,413	9,942
9							59	48	88 544	1 082,777	11 097,500	10,249	9,778
10							60	49	87 544	993,547	10 014,723	10,080	9,609
11	0	99 480	43 767,025	596 591,081	13,631	13,160	61	50	86 456	910,626	9 021,176	9,907	9,436
12	1	99 158	40 487,515	552 824,056	13,654	13,184	62	51	85 302	833,851	8 110,550	9,727	9,256
13	2	99 121	37 561,321	512 336,541	13,640	13,169	63	52	84 073	762,728	7 276,699	9,540	9,070
14	3	99 095	34 850,637	474 775,220	13,623	13,152	64	53	82 782	696,999	6 513,971	9,346	8,875
15	4	99 069	32 335,511	439 924,583	13,605	13,134	65	54	81 370	635,831	5 816,972	9,149	8,678
16	5	99 040	30 000,836	407 589,072	13,586	13,115	66	55	79 889	579,358	5 181,140	8,943	8,472
17	6	99 004	27 832,959	377 588,236	13,566	13,096	67	56	78 289	526,919	4 601,783	8,733	8,263
18	7	98 962	25 820,053	349 755,277	13,546	13,075	68	57	76 599	478,465	4 074,863	8,517	8,046
19	8	98 906	23 949,333	323 935,224	13,526	13,055	69	58	74 832	433,807	3 596,398	8,290	7,820
20	9	98 850	22 214,261	299 985,891	13,504	13,034	70	59	72 942	392,435	3 162,591	8,059	7,588
21	10	98 790	20 603,973	277 771,630	13,481	13,011	71	60	70 945	354,235	2 770,156	7,820	7,349
22	11	98 730	19 110,327	257 167,657	13,457	12,986	72	61	68 803	318,834	2 415,921	7,577	7,107
23	12	98 669	17 724,960	238 057,330	13,431	12,960	73	62	66 553	286,226	2 097,087	7,327	6,856
24	13	98 610	16 440,155	220 332,370	13,402	12,931	74	63	64 160	256,084	1 810,861	7,071	6,601
25	14	98 546	15 247,781	203 892,215	13,372	12,901	75	64	61 569	228,069	1 554,777	6,817	6,346
26	15	98 481	14 141,766	188 644,434	13,340	12,869	76	65	58 828	202,243	1 326,709	6,560	6,089
27	16	98 411	13 115,333	174 502,668	13,305	12,835	77	66	55 940	178,480	1 124,466	6,300	5,830
28	17	98 334	12 162,426	161 387,335	13,269	12,799	78	67	52 869	156,549	945,985	6,043	5,572
29	18	98 259	11 279,042	149 224,909	13,230	12,760	79	68	49 619	136,358	789,436	5,789	5,319
30	19	98 172	10 458,515	137 945,867	13,190	12,719	80	69	46 245	117,946	653,078	5,537	5,066
31	20	98 089	9 698,064	127 487,352	13,146	12,675	81	70	42 777	101,255	535,132	5,285	4,814
32	21	97 997	8 992,103	117 789,288	13,099	12,629	82	71	39 201	86,115	433,877	5,038	4,568
33	22	97 905	8 337,459	108 797,186	13,049	12,579	83	72	35 588	72,554	347,763	4,793	4,322
34	23	97 808	7 730,140	100 459,727	12,996	12,525	84	73	31 989	60,528	275,208	4,547	4,076
35	24	97 708	7 166,815	92 729,587	12,939	12,468	85	74	28 379	49,835	214,681	4,308	3,837
36	25	97 606	6 644,406	85 562,772	12,877	12,407	86	75	24 825	40,459	164,846	4,074	3,604
37	26	97 499	6 159,715	78 918,366	12,812	12,341	87	76	21 355	32,300	124,387	3,851	3,380
38	27	97 383	5 709,897	72 758,651	12,743	12,272	88	77	18 015	25,288	92,087	3,642	3,171
39	28	97 250	5 291,961	67 048,754	12,670	12,199	89	78	14 918	19,434	66,799	3,437	2,967
40	29	97 114	4 904,454	61 756,793	12,592	12,121	90	79	12 024	14,538	47,365	3,258	2,787
41	30	96 962	4 544,554	56 852,339	12,510	12,039	91	80	9 548	10,714	32,827	3,064	2,593
42	31	96 801	4 210,715	52 307,785	12,423	11,952	92	81	7 321	7,624	22,113	2,900	2,430
43	32	96 624	3 900,701	48 097,069	12,330	11,860	93	82	5 464	5,281	14,489	2,744	2,273
44	33	96 418	3 612,404	44 196,368	12,235	11,764	94	83	3 951	3,544	9,208	2,598	2,127
45	34	96 191	3 344,686	40 583,964	12,134	11,663	95	84	2 765	2,301	5,664	2,461	1,990
46	35	95 937	3 095,926	37 239,278	12,028	11,558	96	85	1 865	1,441	3,363	2,334	1,864
47	36	95 661	2 865,002	34 143,352	11,917	11,447	97	86	1 210	0,867	1,922	2,216	1,745
48	37	95 340	2 649,999	31 278,350	11,803	11,332	98	87	753	0,501	1,055	2,106	1,635
49	38	94 983	2 450,200	28 628,351	11,684	11,213	99	88	447	0,276	0,554	2,005	1,534
							100	89	254	0,145	0,278	1,910	1,439

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß   7,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	38	94 643	2 265,818	26 237,932	11,580	11,109
1							51	39	94 212	2 093,268	23 972,115	11,452	10,981
2							52	40	93 704	1 932,238	21 878,847	11,323	10,852
3							53	41	93 169	1 783,023	19 946,609	11,187	10,716
4							54	42	92 581	1 644,325	18 163,585	11,046	10,576
5							55	43	91 926	1 515,255	16 519,261	10,902	10,431
6							56	44	91 210	1 395,324	15 004,006	10,753	10,282
7							57	45	90 443	1 284,081	13 608,682	10,598	10,127
8							58	46	89 602	1 180,635	12 324,600	10,439	9,968
9							59	47	88 689	1 084,550	11 143,966	10,275	9,805
10							60	48	87 699	995,308	10 059,416	10,107	9,636
11							61	49	86 634	912,504	9 064,108	9,933	9,463
12	0	99 472	40 615,563	553 086,111	13,618	13,147	62	50	85 490	835,693	8 151,605	9,754	9,284
13	1	99 147	37 571,238	512 470,548	13,640	13,169	63	51	84 280	764,598	7 315,912	9,568	9,098
14	2	99 110	34 855,829	474 899,310	13,625	13,154	64	52	83 010	698,918	6 551,314	9,374	8,903
15	3	99 080	32 339,124	440 043,481	13,607	13,136	65	53	81 616	637,749	5 852,396	9,177	8,706
16	4	99 052	30 004,412	407 704,357	13,588	13,117	66	54	80 145	581,212	5 214,647	8,972	8,501
17	5	99 014	27 835,773	377 699,945	13,569	13,098	67	55	78 568	528,793	4 633,434	8,762	8,292
18	6	98 971	25 822,302	349 864,172	13,549	13,078	68	56	76 889	480,277	4 104,641	8,546	8,076
19	7	98 914	23 951,389	324 041,870	13,529	13,058	69	57	75 133	435,548	3 624,365	8,321	7,851
20	8	98 857	22 215,897	300 090,482	13,508	13,037	70	58	73 265	394,174	3 188,817	8,090	7,619
21	9	98 797	20 605,394	277 874,585	13,486	13,015	71	59	71 281	355,916	2 794,643	7,852	7,381
22	10	98 737	19 111,683	257 269,190	13,461	12,991	72	60	69 176	320,562	2 438,727	7,608	7,137
23	11	98 677	17 726,377	238 157,507	13,435	12,965	73	61	66 938	287,880	2 118,165	7,358	6,887
24	12	98 618	16 441,479	220 431,130	13,407	12,936	74	62	64 567	257,709	1 830,285	7,102	6,631
25	13	98 555	15 249,147	203 989,651	13,377	12,906	75	63	61 987	229,616	1 572,576	6,849	6,378
26	14	98 492	14 143,299	188 740,504	13,345	12,874	76	64	59 264	203,740	1 342,960	6,592	6,121
27	15	98 424	13 116,983	174 597,205	13,311	12,840	77	65	56 380	179,885	1 139,219	6,333	5,862
28	16	98 349	12 164,298	161 480,222	13,275	12,804	78	66	53 325	157,900	959,334	6,076	5,605
29	17	98 275	11 280,852	149 315,924	13,236	12,766	79	67	50 076	137,615	801,435	5,824	5,353
30	18	98 195	10 460,904	138 035,072	13,195	12,725	80	68	46 699	119,103	663,820	5,574	5,103
31	19	98 109	9 700,067	127 574,168	13,152	12,681	81	69	43 237	102,342	544,717	5,323	4,852
32	20	98 019	8 994,099	117 874,101	13,106	12,635	82	70	39 661	87,126	442,375	5,077	4,607
33	21	97 925	8 339,204	108 880,001	13,056	12,586	83	71	36 052	73,501	355,249	4,833	4,363
34	22	97 830	7 731,874	100 540,797	13,003	12,533	84	72	32 459	61,417	281,749	4,587	4,117
35	23	97 731	7 168,453	92 808,922	12,947	12,476	85	73	28 848	50,658	220,332	4,349	3,879
36	24	97 626	6 645,749	85 640,469	12,887	12,416	86	74	25 296	41,226	169,673	4,116	3,645
37	25	97 520	6 161,070	78 994,720	12,822	12,351	87	75	21 824	33,009	128,448	3,891	3,421
38	26	97 406	5 711,248	72 833,650	12,753	12,282	88	76	18 467	25,923	95,439	3,682	3,211
39	27	97 276	5 293,383	67 122,401	12,680	12,210	89	77	15 343	19,988	69,516	3,478	3,007
40	28	97 139	4 905,695	61 829,018	12,604	12,133	90	78	12 423	15,019	49,528	3,298	2,827
41	29	96 989	4 545,858	56 923,323	12,522	12,051	91	79	9 908	11,118	34,509	3,104	2,633
42	30	96 829	4 211,908	52 377,465	12,436	11,965	92	80	7 640	7,956	23,391	2,940	2,469
43	31	96 653	3 901,880	48 165,557	12,344	11,874	93	81	5 737	5,545	15,434	2,784	2,313
44	32	96 452	3 613,685	44 263,677	12,249	11,778	94	82	4 182	3,751	9,890	2,636	2,166
45	33	96 226	3 345,909	40 649,992	12,149	11,678	95	83	2 950	2,455	6,138	2,500	2,029
46	34	95 978	3 097,241	37 304,083	12,044	11,574	96	84	2 010	1,553	3,683	2,372	1,901
47	35	95 700	2 866,142	34 206,841	11,935	11,464	97	85	1 319	0,946	2,130	2,253	1,782
48	36	95 385	2 651,259	31 340,699	11,821	11,350	98	86	831	0,553	1,185	2,142	1,672
49	37	95 034	2 451,508	28 689,440	11,703	11,232	99	87	502	0,310	0,632	2,039	1,568
							100	88	289	0,166	0,322	1,944	1,474

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß   7,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	37	94 694	2 267,028	26 292,479	11,598	11,127
1							51	38	94 264	2 094,434	24 025,451	11,471	11,000
2							52	39	93 766	1 933,517	21 931,017	11,343	10,872
3							53	40	93 235	1 784,283	19 997,500	11,208	10,737
4							54	41	92 655	1 645,644	18 213,217	11,068	10,597
5							55	42	92 007	1 516,605	16 567,573	10,924	10,453
6							56	43	91 304	1 396,754	15 050,968	10,776	10,305
7							57	44	90 545	1 285,525	13 654,214	10,622	10,151
8							58	45	89 716	1 182,135	12 368,689	10,463	9,992
9							59	46	88 814	1 086,081	11 186,554	10,300	9,829
10							60	47	87 843	996,938	10 100,473	10,131	9,661
11							61	48	86 788	914,120	9 103,535	9,959	9,488
12							62	49	85 667	837,416	8 189,415	9,779	9,309
13	0	99 461	37 690,063	512 711,544	13,603	13,133	63	50	84 466	766,287	7 352,000	9,594	9,124
14	1	99 136	34 865,032	475 021,481	13,625	13,154	64	51	83 214	700,632	6 585,713	9,400	8,929
15	2	99 095	32 343,942	440 156,449	13,609	13,138	65	52	81 840	639,504	5 885,081	9,203	8,732
16	3	99 063	30 007,765	407 812,507	13,590	13,120	66	53	80 386	582,965	5 245,576	8,998	8,527
17	4	99 026	27 839,091	377 804,742	13,571	13,100	67	54	78 819	530,486	4 662,611	8,789	8,319
18	5	98 981	25 824,912	349 965,651	13,551	13,081	68	55	77 163	481,984	4 132,125	8,573	8,102
19	6	98 923	23 953,475	324 140,739	13,532	13,061	69	56	75 417	437,197	3 650,141	8,349	7,878
20	7	98 866	22 217,804	300 187,265	13,511	13,040	70	57	73 559	395,755	3 212,944	8,119	7,648
21	8	98 804	20 606,912	277 969,461	13,489	13,018	71	58	71 597	357,493	2 817,188	7,880	7,410
22	9	98 744	19 113,001	257 362,549	13,465	12,995	72	59	69 504	322,082	2 459,695	7,637	7,166
23	10	98 684	17 727,636	238 249,547	13,439	12,969	73	60	67 301	289,440	2 137,612	7,385	6,915
24	11	98 626	16 442,794	220 521,912	13,411	12,941	74	61	64 940	259,199	1 848,172	7,130	6,660
25	12	98 563	15 250,375	204 079,118	13,382	12,911	75	62	62 380	231,073	1 588,973	6,876	6,406
26	13	98 501	14 144,566	188 828,743	13,350	12,879	76	63	59 666	205,123	1 357,900	6,620	6,149
27	14	98 435	13 118,405	174 684,177	13,316	12,845	77	64	56 798	181,217	1 152,777	6,361	5,891
28	15	98 362	12 165,828	161 565,773	13,280	12,810	78	65	53 745	159,143	971,561	6,105	5,634
29	16	98 290	11 282,588	149 399,944	13,242	12,771	79	66	50 508	138,802	812,418	5,853	5,382
30	17	98 210	10 462,583	138 117,356	13,201	12,730	80	67	47 129	120,200	673,616	5,604	5,133
31	18	98 132	9 702,284	127 654,773	13,157	12,687	81	68	43 661	103,345	553,415	5,355	4,884
32	19	98 039	8 995,957	117 952,489	13,112	12,641	82	69	40 087	88,061	450,070	5,111	4,640
33	20	97 947	8 341,056	108 956,532	13,063	12,592	83	70	36 475	74,364	362,009	4,868	4,397
34	21	97 851	7 733,493	100 615,476	13,010	12,540	84	71	32 883	62,218	287,645	4,623	4,153
35	22	97 752	7 170,062	92 881,983	12,954	12,483	85	72	29 272	51,403	225,427	4,386	3,915
36	23	97 648	6 647,269	85 711,921	12,894	12,424	86	73	25 714	41,907	174,024	4,153	3,682
37	24	97 540	6 162,316	79 064,653	12,830	12,360	87	74	22 238	33,634	132,117	3,928	3,457
38	25	97 428	5 712,505	72 902,337	12,762	12,291	88	75	18 872	26,491	98,483	3,718	3,247
39	26	97 299	5 294,636	67 189,832	12,690	12,220	89	76	15 728	20,490	71,992	3,513	3,043
40	27	97 165	4 907,013	61 895,195	12,614	12,143	90	77	12 777	15,448	51,501	3,334	2,863
41	28	97 014	4 547,008	56 988,182	12,533	12,062	91	78	10 236	11,486	36,054	3,139	2,668
42	29	96 857	4 213,116	52 441,174	12,447	11,976	92	79	7 928	8,256	24,568	2,976	2,505
43	30	96 681	3 902,985	48 228,058	12,357	11,886	93	80	5 987	5,787	16,312	2,819	2,348
44	31	96 481	3 614,777	44 325,073	12,262	11,792	94	81	4 391	3,939	10,525	2,672	2,202
45	32	96 260	3 347,096	40 710,296	12,163	11,692	95	82	3 122	2,599	6,586	2,535	2,064
46	33	96 013	3 098,374	37 363,201	12,059	11,588	96	83	2 144	1,657	3,988	2,407	1,936
47	34	95 740	2 867,360	34 264,826	11,950	11,479	97	84	1 422	1,019	2,331	2,287	1,816
48	35	95 423	2 652,314	31 397,466	11,838	11,367	98	85	906	0,603	1,312	2,176	1,705
49	36	95 079	2 452,674	28 745,152	11,720	11,249	99	86	554	0,342	0,709	2,072	1,602
							100	87	324	0,186	0,367	1,976	1,505

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß   7,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	36	94 739	2 268,105	26 342,216	11,614	11,144
1							51	37	94 315	2 095,552	24 074,111	11,488	11,018
2							52	38	93 818	1 934,594	21 978,558	11,361	10,890
3							53	39	93 297	1 785,464	20 043,964	11,226	10,756
4							54	40	92 720	1 646,807	18 258,500	11,087	10,617
5							55	41	92 081	1 517,821	16 611,693	10,944	10,474
6							56	42	91 385	1 397,999	15 093,872	10,797	10,326
7							57	43	90 638	1 286,843	13 695,873	10,643	10,172
8							58	44	89 817	1 183,464	12 409,030	10,485	10,015
9							59	45	88 927	1 087,461	11 225,566	10,323	9,852
10							60	46	87 966	998,344	10 138,105	10,155	9,684
11							61	47	86 930	915,617	9 139,761	9,982	9,511
12							62	48	85 819	838,899	8 224,144	9,803	9,333
13							63	49	84 640	767,867	7 385,245	9,618	9,147
14	0	99 450	34 975,298	475 243,117	13,588	13,117	64	50	83 398	702,179	6 617,378	9,424	8,953
15	1	99 121	32 352,482	440 267,819	13,608	13,138	65	51	82 041	641,073	5 915,199	9,227	8,756
16	2	99 077	30 012,235	407 915,337	13,592	13,121	66	52	80 608	584,570	5 274,126	9,022	8,552
17	3	99 037	27 842,202	377 903,102	13,573	13,102	67	53	79 057	532,086	4 689,556	8,814	8,343
18	4	98 992	25 827,990	350 060,900	13,554	13,083	68	54	77 410	483,527	4 157,470	8,598	8,128
19	5	98 933	23 955,896	324 232,910	13,535	13,064	69	55	75 685	438,752	3 673,943	8,374	7,903
20	6	98 875	22 219,739	300 277,014	13,514	13,043	70	56	73 838	397,254	3 235,191	8,144	7,673
21	7	98 813	20 608,681	278 057,275	13,492	13,022	71	57	71 884	358,928	2 837,937	7,907	7,436
22	8	98 751	19 114,409	257 448,594	13,469	12,998	72	58	69 812	323,510	2 479,009	7,663	7,192
23	9	98 691	17 728,859	238 334,185	13,443	12,973	73	59	67 620	290,813	2 155,499	7,412	6,941
24	10	98 633	16 443,961	220 605,327	13,416	12,945	74	60	65 292	260,604	1 864,686	7,155	6,685
25	11	98 571	15 251,595	204 161,366	13,386	12,916	75	61	62 741	232,409	1 604,082	6,902	6,431
26	12	98 509	14 145,704	188 909,771	13,355	12,884	76	62	60 045	206,425	1 371,673	6,645	6,174
27	13	98 443	13 119,580	174 764,067	13,321	12,850	77	63	57 183	182,446	1 165,249	6,387	5,916
28	14	98 372	12 167,147	161 644,487	13,285	12,815	78	64	54 142	160,321	982,803	6,130	5,660
29	15	98 302	11 284,007	149 477,340	13,247	12,776	79	65	50 906	139,895	822,482	5,879	5,409
30	16	98 225	10 464,194	138 193,333	13,206	12,736	80	66	47 536	121,237	682,587	5,630	5,160
31	17	98 148	9 703,841	127 729,139	13,163	12,692	81	67	44 063	104,298	561,349	5,382	4,912
32	18	98 062	8 998,013	118 025,298	13,117	12,646	82	68	40 480	88,925	457,052	5,140	4,669
33	19	97 967	8 342,779	109 027,286	13,068	12,598	83	69	36 867	75,162	368,127	4,898	4,427
34	20	97 872	7 735,210	100 684,507	13,016	12,546	84	70	33 269	62,949	292,965	4,654	4,183
35	21	97 773	7 171,563	92 949,297	12,961	12,490	85	71	29 654	52,073	230,016	4,417	3,947
36	22	97 670	6 648,760	85 777,734	12,901	12,431	86	72	26 092	42,523	177,943	4,185	3,714
37	23	97 562	6 163,725	79 128,973	12,838	12,367	87	73	22 605	34,190	135,420	3,961	3,490
38	24	97 448	5 713,660	72 965,249	12,770	12,300	88	74	19 230	26,993	101,230	3,750	3,279
39	25	97 321	5 295,801	67 251,589	12,699	12,228	89	75	16 073	20,939	74,236	3,545	3,075
40	26	97 188	4 908,175	61 955,787	12,623	12,152	90	76	13 098	15,836	53,297	3,366	2,895
41	27	97 040	4 548,230	57 047,613	12,543	12,072	91	77	10 528	11,813	37,461	3,171	2,700
42	28	96 881	4 214,182	52 499,383	12,458	11,987	92	78	8 191	8,530	25,648	3,007	2,536
43	29	96 708	3 904,105	48 285,201	12,368	11,897	93	79	6 213	6,005	17,118	2,851	2,380
44	30	96 508	3 615,800	44 381,096	12,274	11,804	94	80	4 582	4,110	11,114	2,704	2,233
45	31	96 289	3 348,107	40 765,296	12,176	11,705	95	81	3 278	2,728	7,003	2,567	2,096
46	32	96 047	3 099,473	37 417,189	12,072	11,601	96	82	2 270	1,753	4,275	2,438	1,967
47	33	95 775	2 868,409	34 317,716	11,964	11,493	97	83	1 517	1,087	2,521	2,319	1,848
48	34	95 464	2 653,441	31 449,307	11,852	11,382	98	84	977	0,650	1,434	2,206	1,736
49	35	95 117	2 453,650	28 795,866	11,736	11,265	99	85	604	0,373	0,784	2,103	1,632
							100	86	358	0,205	0,411	2,006	1,535

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß   7,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	35	94 776	2 269,008	26 387,482	11,630	11,159
1							51	36	94 360	2 096,549	24 118,474	11,504	11,033
2							52	37	93 869	1 935,627	22 021,926	11,377	10,906
3							53	38	93 349	1 786,459	20 086,299	11,244	10,773
4							54	39	92 782	1 647,897	18 299,840	11,105	10,634
5							55	40	92 146	1 518,894	16 651,943	10,963	10,493
6							56	41	91 458	1 399,120	15 133,048	10,816	10,345
7							57	42	90 719	1 287,989	13 733,929	10,663	10,192
8							58	43	89 909	1 184,677	12 445,940	10,506	10,035
9							59	44	89 027	1 088,684	11 261,262	10,344	9,873
10							60	45	88 078	999,613	10 172,579	10,177	9,706
11							61	46	87 052	916,909	9 172,965	10,004	9,534
12							62	47	85 959	840,273	8 256,056	9,825	9,355
13							63	48	84 790	769,227	7 415,783	9,641	9,170
14							64	49	83 570	703,627	6 646,556	9,446	8,975
15	0	99 435	32 454,801	440 471,654	13,572	13,101	65	50	82 222	642,488	5 942,929	9,250	8,779
16	1	99 104	30 020,160	408 016,853	13,591	13,121	66	51	80 805	586,004	5 300,441	9,045	8,574
17	2	99 052	27 846,349	377 996,693	13,574	13,104	67	52	79 274	533,550	4 714,437	8,836	8,365
18	3	99 003	25 830,876	350 150,344	13,555	13,085	68	53	77 643	484,986	4 180,886	8,621	8,150
19	4	98 945	23 958,751	324 319,468	13,537	13,066	69	54	75 928	440,156	3 695,901	8,397	7,926
20	5	98 885	22 221,985	300 360,716	13,516	13,046	70	55	74 100	398,667	3 255,744	8,167	7,696
21	6	98 821	20 610,476	278 138,731	13,495	13,024	71	56	72 156	360,287	2 857,078	7,930	7,459
22	7	98 759	19 116,050	257 528,256	13,472	13,001	72	57	70 092	324,808	2 496,791	7,687	7,216
23	8	98 698	17 730,164	238 412,206	13,447	12,976	73	58	67 920	292,102	2 171,983	7,436	6,965
24	9	98 640	16 445,095	220 682,042	13,419	12,949	74	59	65 602	261,840	1 879,881	7,180	6,709
25	10	98 578	15 252,677	204 236,946	13,390	12,920	75	60	63 081	233,668	1 618,041	6,925	6,454
26	11	98 516	14 146,836	188 984,269	13,359	12,888	76	61	60 392	207,618	1 384,373	6,668	6,197
27	12	98 451	13 120,636	174 837,434	13,325	12,855	77	62	57 546	183,604	1 176,755	6,409	5,939
28	13	98 381	12 168,237	161 716,798	13,290	12,819	78	63	54 510	161,408	993,151	6,153	5,682
29	14	98 313	11 285,230	149 548,560	13,252	12,781	79	64	51 283	140,931	831,742	5,902	5,431
30	15	98 238	10 465,510	138 263,330	13,211	12,741	80	65	47 910	122,192	690,812	5,654	5,183
31	16	98 163	9 705,334	127 797,820	13,168	12,697	81	66	44 443	105,198	568,620	5,405	4,935
32	17	98 077	8 999,457	118 092,486	13,122	12,652	82	67	40 853	89,744	463,422	5,164	4,693
33	18	97 990	8 344,685	109 093,029	13,073	12,603	83	68	37 228	75,899	373,678	4,923	4,453
34	19	97 892	7 736,808	100 748,344	13,022	12,551	84	69	33 626	63,624	297,779	4,680	4,210
35	20	97 795	7 173,155	93 011,536	12,967	12,496	85	70	30 002	52,684	234,154	4,444	3,974
36	21	97 691	6 650,152	85 838,381	12,908	12,437	86	71	26 432	43,078	181,470	4,213	3,742
37	22	97 584	6 165,108	79 188,229	12,845	12,374	87	72	22 937	34,693	138,392	3,989	3,518
38	23	97 470	5 714,966	73 023,121	12,778	12,307	88	73	19 548	27,440	103,700	3,779	3,309
39	24	97 340	5 296,872	67 308,155	12,707	12,236	89	74	16 378	21,337	76,260	3,574	3,103
40	25	97 209	4 909,255	62 011,283	12,632	12,161	90	75	13 385	16,183	54,924	3,394	2,923
41	26	97 063	4 549,307	57 102,028	12,552	12,081	91	76	10 792	12,110	38,741	3,199	2,728
42	27	96 907	4 215,314	52 552,721	12,467	11,996	92	77	8 424	8,773	26,631	3,036	2,565
43	28	96 733	3 905,092	48 337,407	12,378	11,907	93	78	6 419	6,204	17,858	2,879	2,408
44	29	96 536	3 616,838	44 432,315	12,285	11,814	94	79	4 755	4,265	11,654	2,732	2,262
45	30	96 316	3 349,055	40 815,477	12,187	11,716	95	80	3 420	2,847	7,389	2,595	2,124
46	31	96 076	3 100,409	37 466,422	12,084	11,614	96	81	2 383	1,841	4,542	2,467	1,996
47	32	95 809	2 869,426	34 366,012	11,977	11,506	97	82	1 605	1,151	2,701	2,347	1,876
48	33	95 499	2 654,412	31 496,586	11,866	11,395	98	83	1 042	0,693	1,550	2,235	1,764
49	34	95 158	2 454,692	28 842,175	11,750	11,279	99	84	651	0,402	0,856	2,130	1,660
							100	85	390	0,223	0,454	2,033	1,563

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß   7,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	34	94 817	2 269,972	26 428,813	11,643	11,172
1							51	35	94 397	2 097,383	24 158,841	11,519	11,048
2							52	36	93 913	1 936,547	22 061,458	11,392	10,921
3							53	37	93 399	1 787,413	20 124,910	11,259	10,789
4							54	38	92 834	1 648,815	18 337,497	11,122	10,651
5							55	39	92 207	1 519,900	16 688,682	10,980	10,509
6							56	40	91 523	1 400,109	15 168,783	10,834	10,363
7							57	41	90 792	1 289,022	13 768,674	10,681	10,211
8							58	42	89 989	1 185,733	12 479,652	10,525	10,054
9							59	43	89 118	1 089,799	11 293,919	10,363	9,893
10							60	44	88 177	1 000,737	10 204,120	10,197	9,726
11							61	45	87 163	918,075	9 203,383	10,025	9,554
12							62	46	86 080	841,459	8 285,308	9,846	9,376
13							63	47	84 929	770,487	7 443,849	9,661	9,191
14							64	48	83 718	704,874	6 673,363	9,467	8,997
15							65	49	82 392	643,813	5 968,489	9,271	8,800
16	0	99 417	30 115,103	408 204,321	13,555	13,084	66	50	80 984	587,298	5 324,676	9,066	8,596
17	1	99 078	27 853,702	378 089,218	13,574	13,103	67	51	79 469	534,859	4 737,378	8,857	8,387
18	2	99 018	25 834,724	350 235,516	13,557	13,086	68	52	77 857	486,321	4 202,519	8,641	8,171
19	3	98 956	23 961,429	324 400,792	13,538	13,068	69	53	76 157	441,484	3 716,198	8,418	7,947
20	4	98 896	22 224,634	300 439,364	13,518	13,048	70	54	74 337	399,943	3 274,715	8,188	7,717
21	5	98 831	20 612,559	278 214,730	13,497	13,027	71	55	72 413	361,568	2 874,772	7,951	7,480
22	6	98 768	19 117,715	257 602,171	13,475	13,004	72	56	70 358	326,038	2 513,204	7,708	7,238
23	7	98 707	17 731,686	238 484,456	13,450	12,979	73	57	68 192	293,274	2 187,166	7,458	6,987
24	8	98 647	16 446,306	220 752,770	13,423	12,952	74	58	65 892	263,000	1 893,892	7,201	6,730
25	9	98 584	15 253,729	204 306,463	13,394	12,923	75	59	63 380	234,777	1 630,891	6,947	6,476
26	10	98 523	14 147,840	189 052,734	13,363	12,892	76	60	60 719	208,743	1 396,114	6,688	6,218
27	11	98 459	13 121,685	174 904,894	13,329	12,859	77	61	57 878	184,666	1 187,372	6,430	5,959
28	12	98 389	12 169,217	161 783,209	13,294	12,824	78	62	54 856	162,433	1 002,706	6,173	5,702
29	13	98 322	11 286,241	149 613,992	13,256	12,786	79	63	51 631	141,887	840,273	5,922	5,451
30	14	98 248	10 466,644	138 327,751	13,216	12,745	80	64	48 264	123,096	698,387	5,673	5,203
31	15	98 175	9 706,555	127 861,106	13,173	12,702	81	65	44 793	106,026	575,290	5,426	4,955
32	16	98 093	9 000,842	118 154,551	13,127	12,656	82	66	41 205	90,519	469,264	5,184	4,714
33	17	98 005	8 346,024	109 153,709	13,079	12,608	83	67	37 571	76,599	378,746	4,945	4,474
34	18	97 915	7 738,576	100 807,685	13,027	12,556	84	68	33 956	64,248	302,147	4,703	4,232
35	19	97 815	7 174,637	93 069,109	12,972	12,501	85	69	30 324	53,250	237,899	4,468	3,997
36	20	97 712	6 651,629	85 894,472	12,913	12,443	86	70	26 743	43,583	184,649	4,237	3,766
37	21	97 605	6 166,398	79 242,844	12,851	12,380	87	71	23 236	35,145	141,065	4,014	3,543
38	22	97 492	5 716,249	73 076,445	12,784	12,313	88	72	19 835	27,843	105,920	3,804	3,334
39	23	97 363	5 298,083	67 360,197	12,714	12,243	89	73	16 649	21,689	78,077	3,600	3,129
40	24	97 229	4 910,247	62 062,114	12,639	12,169	90	74	13 639	16,490	56,388	3,420	2,949
41	25	97 084	4 550,308	57 151,866	12,560	12,089	91	75	11 029	12,376	39,899	3,224	2,753
42	26	96 930	4 216,312	52 601,559	12,476	12,005	92	76	8 636	8,993	27,523	3,060	2,590
43	27	96 759	3 906,142	48 385,246	12,387	11,916	93	77	6 602	6,380	18,530	2,904	2,433
44	28	96 560	3 617,753	44 479,105	12,295	11,824	94	78	4 912	4,406	12,149	2,757	2,287
45	29	96 344	3 350,016	40 861,352	12,197	11,727	95	79	3 549	2,955	7,743	2,621	2,150
46	30	96 103	3 101,287	37 511,336	12,095	11,625	96	80	2 487	1,921	4,788	2,492	2,022
47	31	95 838	2 870,293	34 410,049	11,988	11,518	97	81	1 685	1,208	2,867	2,373	1,902
48	32	95 533	2 655,353	31 539,756	11,878	11,407	98	82	1 103	0,734	1,659	2,260	1,790
49	33	95 192	2 455,590	28 884,403	11,763	11,292	99	83	694	0,429	0,925	2,156	1,686
							100	84	420	0,241	0,496	2,058	1,588

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß   7,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17	0	99 391	27 941,793	378 261,631	13,537	13,067
18	1	99 044	25 841,545	350 319,838	13,556	13,086
19	2	98 970	23 964,998	324 478,292	13,540	13,069
20	3	98 907	22 227,117	300 513,294	13,520	13,049
21	4	98 843	20 615,016	278 286,177	13,499	13,029
22	5	98 778	19 119,647	257 671,161	13,477	13,006
23	6	98 715	17 733,231	238 551,514	13,452	12,982
24	7	98 655	16 447,718	220 818,283	13,425	12,955
25	8	98 592	15 254,853	204 370,565	13,397	12,926
26	9	98 530	14 148,816	189 115,712	13,366	12,896
27	10	98 466	13 122,617	174 966,896	13,333	12,863
28	11	98 397	12 170,190	161 844,280	13,298	12,828
29	12	98 330	11 287,150	149 674,090	13,261	12,790
30	13	98 257	10 467,582	138 386,940	13,221	12,750
31	14	98 186	9 707,607	127 919,358	13,177	12,707
32	15	98 105	9 001,974	118 211,750	13,132	12,661
33	16	98 020	8 347,309	109 209,776	13,083	12,613
34	17	97 931	7 739,818	100 862,467	13,032	12,561
35	18	97 837	7 176,276	93 122,650	12,976	12,506
36	19	97 733	6 653,003	85 946,373	12,918	12,448
37	20	97 626	6 167,768	79 293,371	12,856	12,385
38	21	97 512	5 717,445	73 125,603	12,790	12,319
39	22	97 385	5 299,272	67 408,158	12,720	12,250
40	23	97 251	4 911,370	62 108,886	12,646	12,175
41	24	97 104	4 551,228	57 197,516	12,567	12,097
42	25	96 951	4 217,240	52 646,289	12,484	12,013
43	26	96 782	3 907,066	48 429,049	12,395	11,925
44	27	96 586	3 618,725	44 521,982	12,303	11,833
45	28	96 368	3 350,864	40 903,257	12,207	11,736
46	29	96 131	3 102,177	37 552,394	12,105	11,635
47	30	95 865	2 871,105	34 450,217	11,999	11,528
48	31	95 561	2 656,155	31 579,111	11,889	11,418
49	32	95 226	2 456,461	28 922,956	11,774	11,304
50	33	94 851	2 270,802	26 466,495	11,655	11,184
51	34	94 437	2 098,274	24 195,693	11,531	11,061
52	35	93 951	1 937,318	22 097,419	11,406	10,936
53	36	93 443	1 788,263	20 160,101	11,274	10,803
54	37	92 883	1 649,695	18 371,838	11,137	10,666
55	38	92 259	1 520,746	16 722,142	10,996	10,525
56	39	91 583	1 401,036	15 201,396	10,850	10,379
57	40	90 856	1 289,933	13 800,361	10,699	10,228
58	41	90 061	1 186,684	12 510,428	10,542	10,072
59	42	89 198	1 090,770	11 323,744	10,381	9,911
60	43	88 268	1 001,763	10 232,973	10,215	9,744
61	44	87 261	919,107	9 231,210	10,044	9,573
62	45	86 190	842,528	8 312,104	9,866	9,395
63	46	85 048	771,574	7 469,575	9,681	9,210
64	47	83 855	706,028	6 698,002	9,487	9,016
65	48	82 538	644,954	5 991,974	9,291	8,820
66	49	81 151	588,509	5 347,020	9,086	8,615
67	50	79 644	536,040	4 758,511	8,877	8,406
68	51	78 048	487,514	4 222,471	8,661	8,191
69	52	76 366	442,699	3 734,958	8,437	7,966
70	53	74 562	401,149	3 292,258	8,207	7,736
71	54	72 645	362,726	2 891,110	7,971	7,500
72	55	70 608	327,197	2 528,384	7,727	7,257
73	56	68 450	294,385	2 201,187	7,477	7,007
74	57	66 157	264,056	1 906,802	7,221	6,751
75	58	63 661	235,817	1 642,747	6,966	6,496
76	59	61 007	209,733	1 406,929	6,708	6,238
77	60	58 192	185,666	1 197,196	6,448	5,977
78	61	55 173	163,372	1 011,530	6,192	5,721
79	62	51 958	142,787	848,158	5,940	5,469
80	63	48 592	123,931	705,371	5,692	5,221
81	64	45 125	106,811	581,439	5,444	4,973
82	65	41 530	91,231	474,629	5,202	4,732
83	66	37 895	77,260	383,398	4,962	4,492
84	67	34 269	64,840	306,138	4,721	4,251
85	68	30 622	53,772	241,298	4,487	4,017
86	69	27 030	44,051	187,525	4,257	3,786
87	70	23 509	35,558	143,474	4,035	3,564
88	71	20 094	28,206	107,916	3,826	3,355
89	72	16 893	22,008	79,710	3,622	3,151
90	73	13 864	16,762	57,702	3,442	2,972
91	74	11 238	12,610	40,940	3,247	2,776
92	75	8 825	9,190	28,330	3,083	2,612
93	76	6 767	6,541	19,139	2,926	2,456
94	77	5 053	4,532	12,599	2,780	2,309
95	78	3 667	3,053	8,067	2,643	2,172
96	79	2 581	1,994	5,014	2,515	2,044
97	80	1 759	1,261	3,021	2,395	1,924
98	81	1 158	0,770	1,759	2,284	1,813
99	82	735	0,454	0,989	2,179	1,708
100	83	448	0,257	0,535	2,082	1,611

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß   7,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	32	94 885	2 271,608	26 500,893	11,666	11,195
1							51	33	94 472	2 099,042	24 229,286	11,543	11,072
2							52	34	93 990	1 938,141	22 130,244	11,418	10,948
3							53	35	93 480	1 788,974	20 192,103	11,287	10,816
4							54	36	92 927	1 650,480	18 403,128	11,150	10,680
5							55	37	92 308	1 521,558	16 752,649	11,010	10,540
6							56	38	91 634	1 401,816	15 231,090	10,865	10,395
7							57	39	90 916	1 290,787	13 829,274	10,714	10,243
8							58	40	90 125	1 187,522	12 538,487	10,559	10,088
9							59	41	89 269	1 091,645	11 350,965	10,398	9,927
10							60	42	88 346	1 002,655	10 259,319	10,232	9,761
11							61	43	87 350	920,049	9 256,664	10,061	9,590
12							62	44	86 287	843,476	8 336,615	9,884	9,413
13							63	45	85 156	772,555	7 493,140	9,699	9,229
14							64	46	83 973	707,024	6 720,585	9,505	9,035
15							65	47	82 673	646,010	6 013,561	9,309	8,838
16							66	48	81 295	589,551	5 367,551	9,104	8,634
17							67	49	79 809	537,145	4 778,000	8,895	8,425
18	0	99 358	25 923,273	350 478,402	13,520	13,049	68	50	78 220	488,590	4 240,854	8,680	8,209
19	1	98 997	23 971,326	324 555,129	13,539	13,069	69	51	76 553	443,785	3 752,265	8,455	7,984
20	2	98 922	22 230,428	300 583,803	13,521	13,051	70	52	74 767	402,253	3 308,480	8,225	7,754
21	3	98 854	20 617,320	278 353,374	13,501	13,030	71	53	72 864	363,819	2 906,226	7,988	7,517
22	4	98 790	19 121,926	257 736,055	13,479	13,008	72	54	70 834	328,245	2 542,407	7,745	7,275
23	5	98 725	17 735,023	238 614,129	13,454	12,984	73	55	68 694	295,431	2 214,162	7,495	7,024
24	6	98 664	16 449,151	220 879,106	13,428	12,957	74	56	66 407	265,056	1 918,731	7,239	6,768
25	7	98 600	15 256,162	204 429,955	13,400	12,929	75	57	63 916	236,764	1 653,675	6,985	6,514
26	8	98 537	14 149,858	189 173,793	13,369	12,899	76	58	61 277	210,663	1 416,912	6,726	6,255
27	9	98 473	13 123,522	175 023,935	13,337	12,866	77	59	58 468	186,547	1 206,249	6,466	5,996
28	10	98 404	12 171,054	161 900,413	13,302	12,831	78	60	55 472	164,257	1 019,702	6,208	5,737
29	11	98 338	11 288,053	149 729,359	13,264	12,794	79	61	52 259	143,613	855,445	5,957	5,486
30	12	98 265	10 468,425	138 441,306	13,225	12,754	80	62	48 900	124,718	711,832	5,708	5,237
31	13	98 194	9 708,477	127 972,882	13,182	12,711	81	63	45 431	107,535	587,114	5,460	4,989
32	14	98 116	9 002,950	118 264,405	13,136	12,666	82	64	41 837	91,906	479,579	5,218	4,747
33	15	98 033	8 348,359	109 261,455	13,088	12,617	83	65	38 194	77,868	387,672	4,979	4,508
34	16	97 946	7 741,009	100 913,096	13,036	12,566	84	66	34 564	65,400	309,805	4,737	4,266
35	17	97 853	7 177,428	93 172,087	12,981	12,511	85	67	30 904	54,268	244,405	4,504	4,033
36	18	97 755	6 654,523	85 994,659	12,923	12,452	86	68	27 295	44,483	190,137	4,274	3,804
37	19	97 647	6 169,042	79 340,136	12,861	12,390	87	69	23 762	35,940	145,654	4,053	3,582
38	20	97 534	5 718,715	73 171,095	12,795	12,324	88	70	20 330	28,537	109,714	3,845	3,374
39	21	97 405	5 300,381	67 452,380	12,726	12,255	89	71	17 114	22,295	81,177	3,641	3,170
40	22	97 273	4 912,472	62 151,999	12,652	12,181	90	72	14 068	17,008	58,882	3,462	2,991
41	23	97 126	4 552,268	57 239,527	12,574	12,103	91	73	11 424	12,819	41,874	3,267	2,796
42	24	96 971	4 218,093	52 687,259	12,491	12,020	92	74	8 993	9,365	29,055	3,103	2,632
43	25	96 803	3 907,926	48 469,166	12,403	11,932	93	75	6 916	6,684	19,690	2,946	2,475
44	26	96 609	3 619,582	44 561,240	12,311	11,840	94	76	5 179	4,646	13,006	2,800	2,329
45	27	96 394	3 351,764	40 941,659	12,215	11,744	95	77	3 772	3,140	8,360	2,663	2,192
46	28	96 155	3 102,962	37 589,895	12,114	11,644	96	78	2 666	2,060	5,221	2,535	2,064
47	29	95 893	2 871,929	34 486,933	12,008	11,538	97	79	1 825	1,309	3,161	2,416	1,945
48	30	95 589	2 656,907	31 615,003	11,899	11,429	98	80	1 208	0,804	1,852	2,304	1,833
49	31	95 255	2 457,203	28 958,096	11,785	11,314	99	81	772	0,477	1,048	2,200	1,729
							100	82	475	0,272	0,572	2,102	1,631

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß   7,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	31	94 914	2 272,294	26 532,239	11,676	11,206
1							51	32	94 505	2 099,786	24 259,945	11,554	11,083
2							52	33	94 025	1 938,850	22 160,159	11,430	10,959
3							53	34	93 520	1 789,734	20 221,309	11,298	10,828
4							54	35	92 964	1 651,137	18 431,574	11,163	10,692
5							55	36	92 352	1 522,282	16 780,438	11,023	10,553
6							56	37	91 683	1 402,564	15 258,156	10,879	10,408
7							57	38	90 966	1 291,506	13 855,591	10,728	10,258
8							58	39	90 184	1 188,309	12 564,085	10,573	10,102
9							59	40	89 332	1 092,417	11 375,777	10,413	9,943
10							60	41	88 417	1 003,460	10 283,360	10,248	9,777
11							61	42	87 428	920,869	9 279,900	10,077	9,607
12							62	43	86 375	844,340	8 359,032	9,900	9,429
13							63	44	85 252	773,423	7 514,692	9,716	9,245
14							64	45	84 080	707,923	6 741,269	9,523	9,052
15							65	46	82 789	646,922	6 033,346	9,326	8,856
16							66	47	81 428	590,517	5 386,424	9,122	8,651
17							67	48	79 950	538,097	4 795,907	8,913	8,442
18							68	49	78 382	489,597	4 257,811	8,697	8,226
19	0	99 310	24 047,139	324 700,949	13,503	13,032	69	50	76 722	444,765	3 768,213	8,472	8,002
20	1	98 948	22 236,298	300 653,811	13,521	13,050	70	51	74 950	403,240	3 323,448	8,242	7,771
21	2	98 869	20 620,391	278 417,512	13,502	13,031	71	52	73 065	364,821	2 920,209	8,004	7,534
22	3	98 801	19 124,063	257 797,122	13,480	13,010	72	53	71 048	329,234	2 555,387	7,762	7,291
23	4	98 737	17 737,137	238 673,059	13,456	12,985	73	54	68 914	296,377	2 226,153	7,511	7,041
24	5	98 674	16 450,813	220 935,922	13,430	12,959	74	55	66 643	265,998	1 929,776	7,255	6,784
25	6	98 609	15 257,491	204 485,108	13,402	12,932	75	56	64 158	237,660	1 663,778	7,001	6,530
26	7	98 546	14 151,072	189 227,617	13,372	12,901	76	57	61 523	211,508	1 426,118	6,743	6,272
27	8	98 480	13 124,488	175 076,545	13,340	12,869	77	58	58 727	187,374	1 214,610	6,482	6,012
28	9	98 411	12 171,894	161 952,056	13,305	12,835	78	59	55 735	165,036	1 027,236	6,224	5,754
29	10	98 345	11 288,854	149 780,163	13,268	12,797	79	60	52 542	144,391	862,200	5,971	5,501
30	11	98 273	10 469,262	138 491,309	13,228	12,758	80	61	49 183	125,439	717,809	5,722	5,252
31	12	98 202	9 709,259	128 022,047	13,186	12,715	81	62	45 719	108,218	592,370	5,474	5,003
32	13	98 124	9 003,756	118 312,788	13,140	12,670	82	63	42 121	92,530	484,152	5,232	4,762
33	14	98 043	8 349,264	109 309,032	13,092	12,621	83	64	38 477	78,444	391,622	4,992	4,522
34	15	97 958	7 741,983	100 959,768	13,041	12,570	84	65	34 836	65,915	313,178	4,751	4,281
35	16	97 868	7 178,533	93 217,785	12,986	12,515	85	66	31 170	54,736	247,263	4,517	4,047
36	17	97 771	6 655,591	86 039,253	12,927	12,457	86	67	27 547	44,893	192,527	4,289	3,818
37	18	97 669	6 170,451	79 383,662	12,865	12,394	87	68	23 995	36,292	147,634	4,068	3,597
38	19	97 554	5 719,896	73 213,211	12,800	12,329	88	69	20 548	28,844	111,342	3,860	3,390
39	20	97 427	5 301,558	67 493,315	12,731	12,260	89	70	17 315	22,557	82,498	3,657	3,187
40	21	97 293	4 913,500	62 191,757	12,657	12,187	90	71	14 251	17,230	59,942	3,479	3,008
41	22	97 148	4 553,290	57 278,257	12,580	12,109	91	72	11 592	13,007	42,711	3,284	2,813
42	23	96 993	4 219,057	52 724,967	12,497	12,026	92	73	9 141	9,519	29,704	3,120	2,650
43	24	96 823	3 908,716	48 505,910	12,410	11,939	93	74	7 047	6,811	20,185	2,964	2,493
44	25	96 630	3 620,378	44 597,194	12,318	11,848	94	75	5 293	4,748	13,374	2,817	2,346
45	26	96 417	3 352,557	40 976,816	12,223	11,752	95	76	3 866	3,218	8,626	2,680	2,210
46	27	96 181	3 103,796	37 624,259	12,122	11,651	96	77	2 742	2,119	5,408	2,553	2,082
47	28	95 917	2 872,656	34 520,463	12,017	11,546	97	78	1 886	1,352	3,289	2,433	1,962
48	29	95 616	2 657,670	31 647,807	11,908	11,437	98	79	1 254	0,834	1,937	2,322	1,851
49	30	95 282	2 457,899	28 990,137	11,795	11,324	99	80	805	0,497	1,103	2,218	1,747
							100	81	498	0,286	0,606	2,121	1,650

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß   7,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	30	94 940	2 272,937	26 560,813	11,686	11,215
1							51	31	94 534	2 100,420	24 287,876	11,563	11,093
2							52	32	94 058	1 939,538	22 187,456	11,440	10,969
3							53	33	93 554	1 790,389	20 247,918	11,309	10,839
4							54	34	93 004	1 651,838	18 457,529	11,174	10,703
5							55	35	92 389	1 522,887	16 805,691	11,035	10,565
6							56	36	91 727	1 403,231	15 282,803	10,891	10,420
7							57	37	91 015	1 292,196	13 879,572	10,741	10,270
8							58	38	90 235	1 188,971	12 587,376	10,587	10,116
9							59	39	89 391	1 093,140	11 398,406	10,427	9,957
10							60	40	88 480	1 004,169	10 305,266	10,262	9,792
11							61	41	87 498	921,607	9 301,097	10,092	9,622
12							62	42	86 452	845,092	8 379,490	9,915	9,445
13							63	43	85 340	774,216	7 534,397	9,732	9,261
14							64	44	84 174	708,719	6 760,182	9,539	9,068
15							65	45	82 895	647,744	6 051,463	9,342	8,872
16							66	46	81 543	591,350	5 403,719	9,138	8,667
17							67	47	80 081	538,978	4 812,369	8,929	8,458
18							68	48	78 520	490,465	4 273,391	8,713	8,242
19							69	49	76 881	445,682	3 782,926	8,488	8,017
20	0	99 261	22 306,624	300 787,913	13,484	13,014	70	50	75 116	404,130	3 337,244	8,258	7,787
21	1	98 895	20 625,835	278 481,289	13,502	13,031	71	51	73 244	365,716	2 933,114	8,020	7,550
22	2	98 815	19 126,912	257 855,454	13,481	13,011	72	52	71 243	330,141	2 567,398	7,777	7,306
23	3	98 748	17 739,119	238 728,542	13,458	12,987	73	53	69 122	297,271	2 237,257	7,526	7,055
24	4	98 686	16 452,774	220 989,423	13,432	12,961	74	54	66 857	266,850	1 939,986	7,270	6,799
25	5	98 619	15 259,033	204 536,649	13,404	12,934	75	55	64 386	238,505	1 673,137	7,015	6,544
26	6	98 554	14 152,305	189 277,616	13,374	12,904	76	56	61 756	212,309	1 434,632	6,757	6,287
27	7	98 489	13 125,615	175 125,311	13,342	12,872	77	57	58 963	188,126	1 222,323	6,497	6,027
28	8	98 418	12 172,790	161 999,696	13,308	12,838	78	58	55 982	165,768	1 034,197	6,239	5,768
29	9	98 351	11 289,633	149 826,906	13,271	12,801	79	59	52 791	145,076	868,429	5,986	5,515
30	10	98 280	10 470,005	138 537,273	13,232	12,761	80	60	49 449	126,119	723,354	5,736	5,265
31	11	98 210	9 710,035	128 067,268	13,189	12,719	81	61	45 983	108,843	597,235	5,487	5,016
32	12	98 132	9 004,481	118 357,233	13,144	12,674	82	62	42 388	93,117	488,392	5,245	4,774
33	13	98 052	8 350,012	109 352,752	13,096	12,625	83	63	38 738	78,977	395,274	5,005	4,534
34	14	97 969	7 742,822	101 002,740	13,045	12,574	84	64	35 094	66,403	316,298	4,763	4,293
35	15	97 880	7 179,436	93 259,918	12,990	12,519	85	65	31 416	55,167	249,895	4,530	4,059
36	16	97 786	6 656,615	86 080,482	12,932	12,461	86	66	27 784	45,281	194,728	4,300	3,830
37	17	97 685	6 171,441	79 423,867	12,870	12,399	87	67	24 216	36,627	149,448	4,080	3,610
38	18	97 576	5 721,203	73 252,426	12,804	12,333	88	68	20 749	29,126	112,821	3,874	3,403
39	19	97 447	5 302,653	67 531,223	12,735	12,265	89	69	17 501	22,799	83,695	3,671	3,200
40	20	97 315	4 914,591	62 228,570	12,662	12,191	90	70	14 418	17,433	60,896	3,493	3,023
41	21	97 168	4 554,243	57 313,979	12,585	12,114	91	71	11 743	13,177	43,463	3,299	2,828
42	22	97 015	4 220,004	52 759,736	12,502	12,032	92	72	9 275	9,659	30,287	3,135	2,665
43	23	96 845	3 909,610	48 539,732	12,415	11,945	93	73	7 163	6,923	20,627	2,979	2,509
44	24	96 650	3 621,110	44 630,123	12,325	11,854	94	74	5 393	4,838	13,704	2,833	2,362
45	25	96 438	3 353,295	41 009,013	12,229	11,759	95	75	3 951	3,289	8,866	2,696	2,225
46	26	96 203	3 104,531	37 655,718	12,129	11,659	96	76	2 811	2,172	5,577	2,568	2,098
47	27	95 943	2 873,428	34 551,187	12,024	11,554	97	77	1 939	1,391	3,406	2,449	1,979
48	28	95 640	2 658,342	31 677,759	11,916	11,446	98	78	1 295	0,862	2,015	2,338	1,867
49	29	95 309	2 458,604	29 019,417	11,803	11,333	99	79	836	0,516	1,153	2,234	1,764
							100	80	520	0,298	0,637	2,137	1,667

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß   7,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	29	94 968	2 273,590	26 586,920	11,694	11,223
1							51	30	94 561	2 101,015	24 313,331	11,572	11,102
2							52	31	94 087	1 940,124	22 212,316	11,449	10,978
3							53	32	93 587	1 791,024	20 272,192	11,319	10,848
4							54	33	93 038	1 652,442	18 481,168	11,184	10,713
5							55	34	92 428	1 523,535	16 828,726	11,046	10,575
6							56	35	91 763	1 403,790	15 305,191	10,903	10,432
7							57	36	91 058	1 292,810	13 901,402	10,753	10,282
8							58	37	90 283	1 189,605	12 608,591	10,599	10,128
9							59	38	89 441	1 093,749	11 418,986	10,440	9,970
10							60	39	88 538	1 004,834	10 325,237	10,276	9,805
11							61	40	87 560	922,259	9 320,404	10,106	9,635
12							62	41	86 521	845,770	8 398,145	9,930	9,459
13							63	42	85 416	774,906	7 552,375	9,746	9,276
14							64	43	84 261	709,445	6 777,469	9,553	9,083
15							65	44	82 988	648,472	6 068,024	9,357	8,887
16							66	45	81 646	592,102	5 419,552	9,153	8,682
17							67	46	80 194	539,739	4 827,450	8,944	8,473
18							68	47	78 649	491,268	4 287,712	8,728	8,257
19							69	48	77 017	446,471	3 796,444	8,503	8,033
20							70	49	75 271	404,963	3 349,972	8,272	7,802
21	0	99 208	20 691,068	278 604,614	13,465	12,994	71	50	73 405	366,523	2 945,009	8,035	7,564
22	1	98 842	19 131,962	257 913,547	13,481	13,010	72	51	71 418	330,951	2 578,486	7,791	7,320
23	2	98 763	17 741,762	238 781,585	13,459	12,988	73	52	69 312	298,089	2 247,535	7,540	7,069
24	3	98 697	16 454,613	221 039,823	13,433	12,963	74	53	67 058	267,654	1 949,446	7,283	6,813
25	4	98 630	15 260,852	204 585,210	13,406	12,935	75	54	64 592	239,269	1 681,791	7,029	6,558
26	5	98 564	14 153,736	189 324,358	13,376	12,906	76	55	61 976	213,064	1 442,523	6,770	6,300
27	6	98 497	13 126,758	175 170,623	13,345	12,874	77	56	59 186	188,838	1 229,459	6,511	6,040
28	7	98 426	12 173,835	162 043,865	13,311	12,840	78	57	56 207	166,433	1 040,621	6,252	5,782
29	8	98 359	11 290,464	149 870,030	13,274	12,803	79	58	53 025	145,719	874,188	5,999	5,528
30	9	98 287	10 470,727	138 579,566	13,235	12,764	80	59	49 684	126,717	728,469	5,749	5,278
31	10	98 217	9 710,724	128 108,838	13,193	12,722	81	60	46 233	109,433	601,752	5,499	5,028
32	11	98 140	9 005,201	118 398,114	13,148	12,677	82	61	42 633	93,656	492,319	5,257	4,786
33	12	98 060	8 350,684	109 392,913	13,100	12,629	83	62	38 983	79,478	398,664	5,016	4,545
34	13	97 977	7 743,516	101 042,228	13,049	12,578	84	63	35 332	66,853	319,186	4,774	4,304
35	14	97 891	7 180,214	93 298,713	12,994	12,523	85	64	31 648	55,575	252,333	4,540	4,070
36	15	97 798	6 657,452	86 118,499	12,936	12,465	86	65	28 003	45,637	196,757	4,311	3,841
37	16	97 700	6 172,391	79 461,047	12,874	12,403	87	66	24 425	36,943	151,120	4,091	3,620
38	17	97 592	5 722,121	73 288,655	12,808	12,337	88	67	20 941	29,395	114,178	3,884	3,414
39	18	97 469	5 303,865	67 566,534	12,739	12,268	89	68	17 672	23,022	84,783	3,683	3,212
40	19	97 335	4 915,606	62 262,670	12,666	12,196	90	69	14 573	17,620	61,761	3,505	3,035
41	20	97 190	4 555,254	57 347,063	12,589	12,119	91	70	11 881	13,331	44,141	3,311	2,840
42	21	97 035	4 220,887	52 791,809	12,507	12,037	92	71	9 396	9,785	30,809	3,149	2,678
43	22	96 867	3 910,487	48 570,922	12,421	11,950	93	72	7 269	7,025	21,024	2,993	2,522
44	23	96 672	3 621,938	44 660,435	12,331	11,860	94	73	5 483	4,918	13,999	2,847	2,376
45	24	96 458	3 353,973	41 038,497	12,236	11,765	95	74	4 026	3,351	9,081	2,710	2,239
46	25	96 225	3 105,214	37 684,524	12,136	11,665	96	75	2 873	2,219	5,730	2,582	2,111
47	26	95 966	2 874,108	34 579,311	12,031	11,561	97	76	1 988	1,425	3,511	2,463	1,992
48	27	95 666	2 659,056	31 705,203	11,923	11,453	98	77	1 332	0,887	2,085	2,352	1,881
49	28	95 333	2 459,226	29 046,146	11,811	11,340	99	78	863	0,533	1,199	2,248	1,777
							100	79	540	0,309	0,666	2,152	1,681

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß   7,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	28	94 992	2 274,165	26 610,747	11,701	11,231
1							51	29	94 588	2 101,618	24 336,583	11,580	11,109
2							52	30	94 113	1 940,673	22 234,965	11,457	10,987
3							53	31	93 616	1 791,565	20 294,292	11,328	10,857
4							54	32	93 071	1 653,028	18 502,727	11,193	10,723
5							55	33	92 462	1 524,092	16 849,698	11,056	10,585
6							56	34	91 802	1 404,386	15 325,606	10,913	10,442
7							57	35	91 095	1 293,325	13 921,220	10,764	10,293
8							58	36	90 326	1 190,171	12 627,896	10,610	10,139
9							59	37	89 489	1 094,333	11 437,725	10,452	9,981
10							60	38	88 588	1 005,393	10 343,392	10,288	9,817
11							61	39	87 618	922,869	9 337,999	10,118	9,648
12							62	40	86 583	846,368	8 415,130	9,943	9,472
13							63	41	85 484	775,527	7 568,762	9,760	9,289
14							64	42	84 336	710,077	6 793,234	9,567	9,096
15							65	43	83 073	649,137	6 083,157	9,371	8,900
16							66	44	81 738	592,767	5 434,020	9,167	8,697
17							67	45	80 296	540,425	4 841,253	8,958	8,488
18							68	46	78 760	491,961	4 300,828	8,742	8,272
19							69	47	77 143	447,203	3 808,867	8,517	8,046
20							70	48	75 404	405,681	3 361,665	8,286	7,816
21							71	49	73 557	367,279	2 955,984	8,048	7,578
22	0	99 154	19 192,470	258 026,960	13,444	12,974	72	50	71 576	331,681	2 588,705	7,805	7,334
23	1	98 789	17 746,446	238 834,490	13,458	12,987	73	51	69 482	298,820	2 257,023	7,553	7,082
24	2	98 711	16 457,064	221 088,044	13,434	12,964	74	52	67 243	268,391	1 958,203	7,296	6,825
25	3	98 641	15 262,557	204 630,980	13,407	12,937	75	53	64 787	239,990	1 689,812	7,041	6,571
26	4	98 576	14 155,423	189 368,423	13,378	12,907	76	54	62 174	213,746	1 449,822	6,783	6,312
27	5	98 507	13 128,085	175 213,001	13,346	12,876	77	55	59 397	189,509	1 236,076	6,523	6,052
28	6	98 435	12 174,895	162 084,915	13,313	12,842	78	56	56 419	167,063	1 046,566	6,264	5,794
29	7	98 367	11 291,433	149 910,020	13,276	12,806	79	57	53 238	146,303	879,503	6,011	5,541
30	8	98 294	10 471,499	138 618,587	13,238	12,767	80	58	49 904	127,279	733,200	5,761	5,290
31	9	98 224	9 711,394	128 147,089	13,196	12,725	81	59	46 452	109,952	605,921	5,511	5,040
32	10	98 147	9 005,841	118 435,694	13,151	12,680	82	60	42 864	94,163	495,969	5,267	4,796
33	11	98 068	8 351,352	109 429,854	13,103	12,633	83	61	39 209	79,937	401,806	5,027	4,556
34	12	97 985	7 744,139	101 078,502	13,052	12,582	84	62	35 557	67,277	321,868	4,784	4,314
35	13	97 900	7 180,857	93 334,363	12,998	12,527	85	63	31 863	55,952	254,591	4,550	4,079
36	14	97 809	6 658,174	86 153,506	12,940	12,469	86	64	28 210	45,975	198,639	4,321	3,850
37	15	97 712	6 173,168	79 495,332	12,878	12,407	87	65	24 617	37,233	152,664	4,100	3,630
38	16	97 607	5 723,002	73 322,164	12,812	12,341	88	66	21 121	29,648	115,431	3,893	3,423
39	17	97 485	5 304,716	67 599,162	12,743	12,273	89	67	17 835	23,235	85,782	3,692	3,221
40	18	97 357	4 916,729	62 294,446	12,670	12,199	90	68	14 716	17,793	62,548	3,515	3,045
41	19	97 210	4 556,195	57 377,717	12,593	12,123	91	69	12 008	13,475	44,755	3,321	2,851
42	20	97 057	4 221,824	52 821,522	12,512	12,041	92	70	9 507	9,900	31,280	3,160	2,689
43	21	96 887	3 911,305	48 599,697	12,425	11,955	93	71	7 364	7,117	21,380	3,004	2,534
44	22	96 694	3 622,751	44 688,392	12,335	11,865	94	72	5 563	4,990	14,263	2,858	2,388
45	23	96 480	3 354,740	41 065,641	12,241	11,770	95	73	4 092	3,407	9,274	2,722	2,251
46	24	96 244	3 105,841	37 710,902	12,142	11,671	96	74	2 927	2,261	5,867	2,594	2,124
47	25	95 987	2 874,740	34 605,060	12,038	11,567	97	75	2 032	1,457	3,605	2,475	2,004
48	26	95 688	2 659,686	31 730,320	11,930	11,459	98	76	1 366	0,909	2,149	2,364	1,894
49	27	95 359	2 459,887	29 070,634	11,818	11,347	99	77	888	0,548	1,240	2,261	1,790
							100	78	557	0,320	0,692	2,164	1,694

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß   7,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	27	95 017	2 274,776	26 632,574	11,708	11,237
1							51	28	94 612	2 102,150	24 357,798	11,587	11,116
2							52	29	94 140	1 941,230	22 255,648	11,465	10,994
3							53	30	93 642	1 792,072	20 314,418	11,336	10,865
4							54	31	93 099	1 653,528	18 522,346	11,202	10,731
5							55	32	92 494	1 524,632	16 868,818	11,064	10,594
6							56	33	91 836	1 404,900	15 344,186	10,922	10,451
7							57	34	91 133	1 293,874	13 939,286	10,773	10,303
8							58	35	90 362	1 190,645	12 645,412	10,621	10,150
9							59	36	89 531	1 094,853	11 454,767	10,462	9,992
10							60	37	88 635	1 005,930	10 359,914	10,299	9,828
11							61	38	87 667	923,383	9 353,984	10,130	9,659
12							62	39	86 640	846,928	8 430,601	9,954	9,484
13							63	40	85 545	776,075	7 583,673	9,772	9,301
14							64	41	84 403	710,647	6 807,597	9,579	9,109
15							65	42	83 147	649,715	6 096,951	9,384	8,913
16							66	43	81 822	593,375	5 447,236	9,180	8,709
17							67	44	80 386	541,032	4 853,861	8,971	8,501
18							68	45	78 860	492,586	4 312,828	8,755	8,285
19							69	46	77 252	447,834	3 820,242	8,530	8,060
20							70	47	75 527	406,345	3 372,408	8,299	7,829
21							71	48	73 687	367,930	2 966,063	8,061	7,591
22							72	49	71 723	332,365	2 598,133	7,817	7,346
23	0	99 101	17 802,572	238 938,790	13,422	12,951	73	50	69 635	299,480	2 265,768	7,566	7,095
24	1	98 737	16 461,409	221 136,218	13,434	12,963	74	51	67 408	269,049	1 966,288	7,308	6,838
25	2	98 656	15 264,831	204 674,809	13,408	12,938	75	52	64 966	240,651	1 697,238	7,053	6,582
26	3	98 587	14 157,004	189 409,978	13,379	12,909	76	53	62 362	214,390	1 456,587	6,794	6,323
27	4	98 519	13 129,650	175 252,974	13,348	12,877	77	54	59 587	190,116	1 242,197	6,534	6,063
28	5	98 445	12 176,126	162 123,324	13,315	12,844	78	55	56 620	167,657	1 052,081	6,275	5,805
29	6	98 376	11 292,417	149 947,198	13,279	12,808	79	56	53 439	146,857	884,424	6,022	5,552
30	7	98 302	10 472,397	138 654,781	13,240	12,769	80	57	50 104	127,789	737,566	5,772	5,301
31	8	98 231	9 712,109	128 182,384	13,198	12,728	81	58	46 658	110,440	609,777	5,521	5,051
32	9	98 154	9 006,462	118 470,275	13,154	12,683	82	59	43 068	94,610	499,337	5,278	4,807
33	10	98 075	8 351,945	109 463,813	13,106	12,636	83	60	39 421	80,370	404,728	5,036	4,565
34	11	97 993	7 744,758	101 111,868	13,056	12,585	84	61	35 762	67,666	324,357	4,793	4,323
35	12	97 908	7 181,435	93 367,110	13,001	12,531	85	62	32 065	56,308	256,691	4,559	4,088
36	13	97 817	6 658,771	86 185,675	12,943	12,473	86	63	28 402	46,287	200,383	4,329	3,859
37	14	97 722	6 173,837	79 526,904	12,881	12,411	87	64	24 799	37,509	154,097	4,108	3,638
38	15	97 619	5 723,722	73 353,067	12,816	12,345	88	65	21 288	29,882	116,588	3,902	3,431
39	16	97 500	5 305,532	67 629,345	12,747	12,276	89	66	17 989	23,435	86,706	3,700	3,229
40	17	97 373	4 917,519	62 323,813	12,674	12,203	90	67	14 852	17,957	63,271	3,524	3,053
41	18	97 232	4 557,236	57 406,295	12,597	12,126	91	68	12 126	13,607	45,314	3,330	2,860
42	19	97 077	4 222,696	52 849,058	12,515	12,045	92	69	9 609	10,007	31,708	3,169	2,698
43	20	96 908	3 912,174	48 626,362	12,429	11,959	93	70	7 450	7,200	21,701	3,014	2,543
44	21	96 714	3 623,509	44 714,188	12,340	11,869	94	71	5 636	5,055	14,501	2,869	2,398
45	22	96 501	3 355,493	41 090,679	12,246	11,775	95	72	4 153	3,457	9,446	2,733	2,262
46	23	96 266	3 106,551	37 735,187	12,147	11,676	96	73	2 975	2,299	5,989	2,605	2,135
47	24	96 006	2 875,322	34 628,635	12,043	11,573	97	74	2 070	1,484	3,690	2,486	2,016
48	25	95 710	2 660,271	31 753,313	11,936	11,465	98	75	1 396	0,929	2,206	2,375	1,904
49	26	95 382	2 460,469	29 093,043	11,824	11,354	99	76	910	0,562	1,277	2,272	1,801
							100	77	573	0,329	0,715	2,176	1,705

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß   7,75%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	26	95 040	2 275,314	26 652,543	11,714	11,243
1							51	27	94 637	2 102,715	24 377,229	11,593	11,123
2							52	28	94 164	1 941,721	22 274,514	11,472	11,001
3							53	29	93 669	1 792,587	20 332,793	11,343	10,872
4							54	30	93 125	1 653,996	18 540,206	11,209	10,739
5							55	31	92 522	1 525,093	16 886,211	11,072	10,602
6							56	32	91 869	1 405,398	15 361,118	10,930	10,459
7							57	33	91 167	1 294,347	13 955,720	10,782	10,311
8							58	34	90 400	1 191,151	12 661,372	10,630	10,159
9							59	35	89 567	1 095,289	11 470,222	10,472	10,002
10							60	36	88 677	1 006,408	10 374,933	10,309	9,838
11							61	37	87 714	923,876	9 368,525	10,140	9,670
12							62	38	86 688	847,400	8 444,648	9,965	9,495
13							63	39	85 601	776,589	7 597,248	9,783	9,312
14							64	40	84 463	711,149	6 820,659	9,591	9,120
15							65	41	83 214	650,236	6 109,510	9,396	8,925
16							66	42	81 895	593,904	5 459,274	9,192	8,722
17							67	43	80 468	541,587	4 865,371	8,984	8,513
18							68	44	78 949	493,140	4 323,784	8,768	8,297
19							69	45	77 350	448,403	3 830,643	8,543	8,072
20							70	46	75 634	406,919	3 382,241	8,312	7,841
21							71	47	73 808	368,532	2 975,322	8,073	7,603
22							72	48	71 850	332,954	2 606,790	7,829	7,359
23							73	49	69 779	300,098	2 273,836	7,577	7,106
24	0	99 050	16 513,471	221 232,137	13,397	12,926	74	50	67 557	269,643	1 973,738	7,320	6,849
25	1	98 682	15 268,861	204 718,666	13,408	12,937	75	51	65 125	241,241	1 704,094	7,064	6,593
26	2	98 602	14 159,113	189 449,804	13,380	12,909	76	52	62 533	214,981	1 462,853	6,805	6,334
27	3	98 530	13 131,117	175 290,691	13,349	12,879	77	53	59 766	190,689	1 247,873	6,544	6,073
28	4	98 457	12 177,577	162 159,574	13,316	12,846	78	54	56 801	168,194	1 057,183	6,285	5,815
29	5	98 386	11 293,558	149 981,997	13,280	12,810	79	55	53 629	147,380	888,989	6,032	5,561
30	6	98 311	10 473,309	138 688,439	13,242	12,771	80	56	50 294	128,273	741,610	5,781	5,311
31	7	98 240	9 712,943	128 215,129	13,200	12,730	81	57	46 845	110,883	613,336	5,531	5,061
32	8	98 161	9 007,125	118 502,186	13,156	12,686	82	58	43 259	95,029	502,454	5,287	4,817
33	9	98 082	8 352,521	109 495,061	13,109	12,639	83	59	39 608	80,752	407,425	5,045	4,575
34	10	98 000	7 745,308	101 142,540	13,059	12,588	84	60	35 956	68,033	326,673	4,802	4,331
35	11	97 915	7 182,010	93 397,232	13,004	12,534	85	61	32 251	56,633	258,640	4,567	4,096
36	12	97 825	6 659,307	86 215,223	12,947	12,476	86	62	28 582	46,581	202,007	4,337	3,866
37	13	97 731	6 174,390	79 555,916	12,885	12,414	87	63	24 967	37,763	155,426	4,116	3,645
38	14	97 630	5 724,342	73 381,526	12,819	12,349	88	64	21 445	30,103	117,663	3,909	3,438
39	15	97 512	5 306,200	67 657,184	12,751	12,280	89	65	18 130	23,620	87,560	3,707	3,236
40	16	97 388	4 918,275	62 350,984	12,677	12,207	90	66	14 980	18,111	63,941	3,530	3,060
41	17	97 248	4 557,968	57 432,709	12,601	12,130	91	67	12 238	13,732	45,829	3,337	2,867
42	18	97 099	4 223,661	52 874,741	12,519	12,048	92	68	9 703	10,105	32,097	3,176	2,706
43	19	96 928	3 912,982	48 651,080	12,433	11,963	93	69	7 530	7,278	21,992	3,022	2,551
44	20	96 736	3 624,313	44 738,098	12,344	11,873	94	70	5 702	5,114	14,715	2,877	2,407
45	21	96 522	3 356,195	41 113,785	12,250	11,779	95	71	4 207	3,502	9,600	2,741	2,271
46	22	96 288	3 107,249	37 757,590	12,151	11,681	96	72	3 019	2,333	6,099	2,615	2,144
47	23	96 028	2 875,979	34 650,341	12,048	11,578	97	73	2 104	1,509	3,766	2,496	2,025
48	24	95 729	2 660,809	31 774,362	11,942	11,471	98	74	1 422	0,946	2,257	2,385	1,914
49	25	95 403	2 461,010	29 113,553	11,830	11,359	99	75	930	0,574	1,311	2,282	1,811
							100	76	588	0,337	0,736	2,185	1,715

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß   7,75%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	25	95 061	2 275,815	26 670,818	11,719	11,249
1							51	26	94 660	2 103,212	24 395,003	11,599	11,128
2							52	27	94 189	1 942,243	22 291,791	11,477	11,007
3							53	28	93 693	1 793,040	20 349,548	11,349	10,879
4							54	29	93 152	1 654,471	18 556,508	11,216	10,745
5							55	30	92 549	1 525,525	16 902,037	11,079	10,609
6							56	31	91 896	1 405,823	15 376,513	10,938	10,467
7							57	32	91 199	1 294,806	13 970,690	10,790	10,319
8							58	33	90 433	1 191,586	12 675,884	10,638	10,167
9							59	34	89 605	1 095,754	11 484,297	10,481	10,010
10							60	35	88 712	1 006,809	10 388,543	10,318	9,848
11							61	36	87 755	924,315	9 381,734	10,150	9,679
12							62	37	86 734	847,852	8 457,419	9,975	9,504
13							63	38	85 649	777,022	7 609,567	9,793	9,323
14							64	39	84 519	711,620	6 832,545	9,601	9,131
15							65	40	83 272	650,696	6 120,925	9,407	8,936
16							66	41	81 960	594,380	5 470,229	9,203	8,733
17							67	42	80 540	542,069	4 875,849	8,995	8,524
18							68	43	79 030	493,646	4 333,780	8,779	8,308
19							69	44	77 437	448,907	3 840,134	8,554	8,084
20							70	45	75 730	407,436	3 391,227	8,323	7,853
21							71	46	73 912	369,052	2 983,791	8,085	7,614
22							72	47	71 968	333,499	2 614,739	7,840	7,370
23							73	48	69 903	300,629	2 281,240	7,588	7,118
24							74	49	67 696	270,199	1 980,610	7,330	6,860
25	0	98 994	15 317,151	204 806,875	13,371	12,900	75	50	65 269	241,774	1 710,411	7,074	6,604
26	1	98 628	14 162,852	189 489,723	13,379	12,909	76	51	62 687	215,508	1 468,637	6,815	6,344
27	2	98 545	13 133,073	175 326,872	13,350	12,879	77	52	59 931	191,214	1 253,129	6,554	6,083
28	3	98 468	12 178,938	162 193,798	13,318	12,847	78	53	56 973	168,701	1 061,915	6,295	5,824
29	4	98 397	11 294,904	150 014,861	13,282	12,811	79	54	53 801	147,851	893,214	6,041	5,571
30	5	98 321	10 474,368	138 719,956	13,244	12,773	80	55	50 473	128,729	745,362	5,790	5,319
31	6	98 248	9 713,789	128 245,588	13,202	12,732	81	56	47 022	111,303	616,633	5,540	5,069
32	7	98 169	9 007,898	118 531,799	13,159	12,688	82	57	43 432	95,410	505,330	5,296	4,826
33	8	98 089	8 353,136	109 523,901	13,112	12,641	83	58	39 784	81,110	409,920	5,054	4,583
34	9	98 007	7 745,842	101 170,765	13,061	12,591	84	59	36 127	68,356	328,810	4,810	4,340
35	10	97 922	7 182,519	93 424,922	13,007	12,537	85	60	32 425	56,940	260,455	4,574	4,104
36	11	97 833	6 659,839	86 242,403	12,950	12,479	86	61	28 747	46,850	203,515	4,344	3,873
37	12	97 739	6 174,887	79 582,564	12,888	12,417	87	62	25 126	38,003	156,665	4,122	3,652
38	13	97 638	5 724,855	73 407,677	12,823	12,352	88	63	21 591	30,307	118,662	3,915	3,445
39	14	97 522	5 306,775	67 682,822	12,754	12,283	89	64	18 265	23,794	88,355	3,713	3,243
40	15	97 400	4 918,894	62 376,047	12,681	12,210	90	65	15 098	18,254	64,560	3,537	3,066
41	16	97 263	4 558,669	57 457,153	12,604	12,133	91	66	12 344	13,851	46,306	3,343	2,873
42	17	97 115	4 224,339	52 898,484	12,522	12,052	92	67	9 793	10,198	32,456	3,183	2,712
43	18	96 951	3 913,876	48 674,145	12,436	11,966	93	68	7 604	7,349	22,258	3,029	2,558
44	19	96 756	3 625,062	44 760,269	12,347	11,877	94	69	5 763	5,169	14,909	2,884	2,414
45	20	96 543	3 356,940	41 135,206	12,254	11,783	95	70	4 256	3,543	9,740	2,749	2,278
46	21	96 308	3 107,899	37 778,266	12,156	11,685	96	71	3 059	2,363	6,197	2,622	2,152
47	22	96 050	2 876,624	34 670,367	12,052	11,582	97	72	2 135	1,531	3,834	2,504	2,033
48	23	95 751	2 661,417	31 793,743	11,946	11,476	98	73	1 446	0,962	2,303	2,394	1,923
49	24	95 422	2 461,508	29 132,326	11,835	11,364	99	74	948	0,585	1,341	2,290	1,820
							100	75	601	0,344	0,755	2,194	1,723

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß   8,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	0	100 000	100 000,000	1 328 827,645	13,288	12,817	50	50	93 336	1 990,028	21 834,351	10,972	10,501
1	1	99 299	91 943,675	1 228 827,645	13,365	12,894	51	51	92 757	1 831,204	19 844,323	10,837	10,366
2	2	99 240	85 082,711	1 136 883,970	13,362	12,891	52	52	92 093	1 683,408	18 013,119	10,700	10,229
3	3	99 207	78 753,687	1 051 801,259	13,356	12,885	53	53	91 380	1 546,651	16 329,711	10,558	10,087
4	4	99 182	72 901,794	973 047,572	13,347	12,876	54	54	90 602	1 419,897	14 783,060	10,411	9,940
5	5	99 157	67 484,653	900 145,778	13,339	12,867	55	55	89 754	1 302,408	13 363,163	10,260	9,789
6	6	99 136	62 472,724	832 661,125	13,328	12,857	56	56	88 831	1 193,530	12 060,755	10,105	9,634
7	7	99 117	57 833,966	770 188,400	13,317	12,846	57	57	87 851	1 092,927	10 867,225	9,943	9,472
8	8	99 101	53 540,961	712 354,434	13,305	12,834	58	58	86 796	999,816	9 774,298	9,776	9,305
9	9	99 085	49 567,184	658 813,473	13,291	12,820	59	59	85 653	913,565	8 774,483	9,605	9,134
10	10	99 070	45 888,770	609 246,289	13,277	12,806	60	60	84 435	833,865	7 860,917	9,427	8,956
11	11	99 055	42 482,790	563 357,519	13,261	12,790	61	61	83 107	759,956	7 027,052	9,247	8,776
12	12	99 038	39 329,395	520 874,729	13,244	12,773	62	62	81 707	691,868	6 267,096	9,059	8,588
13	13	99 019	36 409,123	481 545,334	13,226	12,755	63	63	80 218	628,891	5 575,288	8,865	8,394
14	14	98 999	33 705,393	445 136,211	13,207	12,736	64	64	78 670	571,071	4 946,397	8,662	8,191
15	15	98 974	31 200,631	411 430,818	13,187	12,716	65	65	76 991	517,484	4 375,326	8,455	7,984
16	16	98 944	28 880,697	380 230,187	13,166	12,695	66	66	75 240	468,251	3 857,842	8,239	7,768
17	17	98 903	26 730,327	351 349,490	13,144	12,673	67	67	73 362	422,746	3 389,591	8,018	7,547
18	18	98 853	24 737,948	324 619,163	13,122	12,651	68	68	71 392	380,922	2 966,845	7,789	7,318
19	19	98 783	22 889,249	299 881,215	13,101	12,630	69	69	69 345	342,593	2 585,923	7,548	7,077
20	20	98 714	21 179,017	276 991,965	13,079	12,608	70	70	67 172	307,273	2 243,330	7,301	6,830
21	21	98 639	19 595,302	255 812,948	13,055	12,584	71	71	64 881	274,808	1 936,057	7,045	6,574
22	22	98 566	18 130,198	236 217,646	13,029	12,558	72	72	62 449	244,914	1 661,249	6,783	6,312
23	23	98 491	16 774,536	218 087,448	13,001	12,530	73	73	59 876	217,431	1 416,335	6,514	6,043
24	24	98 417	15 520,310	201 312,912	12,971	12,500	74	74	57 144	192,139	1 198,905	6,240	5,769
25	25	98 342	14 359,712	185 792,602	12,938	12,467	75	75	54 182	168,683	1 006,766	5,968	5,497
26	26	98 266	13 285,802	171 432,890	12,903	12,432	76	76	51 034	147,115	838,083	5,697	5,226
27	27	98 186	12 291,611	158 147,088	12,866	12,395	77	77	47 712	127,351	690,968	5,426	4,955
28	28	98 098	11 370,862	145 855,476	12,827	12,356	78	78	44 221	109,289	563,617	5,157	4,686
29	29	98 014	10 519,589	134 484,614	12,784	12,313	79	79	40 542	92,775	454,328	4,897	4,426
30	30	97 921	9 731,162	123 965,026	12,739	12,268	80	80	36 771	77,912	361,554	4,641	4,170
31	31	97 831	9 002,021	114 233,864	12,690	12,219	81	81	32 943	64,630	283,642	4,389	3,918
32	32	97 732	8 326,739	105 231,843	12,638	12,167	82	82	29 089	52,843	219,012	4,145	3,674
33	33	97 625	7 701,545	96 905,104	12,583	12,112	83	83	25 277	42,517	166,169	3,908	3,437
34	34	97 515	7 123,012	89 203,558	12,523	12,052	84	84	21 610	33,655	123,652	3,674	3,203
35	35	97 396	6 587,351	82 080,547	12,460	11,989	85	85	18 078	26,070	89,997	3,452	2,981
36	36	97 276	6 091,851	75 493,196	12,392	11,921	86	86	14 781	19,736	63,927	3,239	2,768
37	37	97 144	5 632,968	69 401,345	12,321	11,850	87	87	11 769	14,551	44,191	3,037	2,566
38	38	97 000	5 207,970	63 768,388	12,244	11,773	88	88	9 075	10,389	29,640	2,853	2,382
39	39	96 839	4 814,213	58 560,418	12,164	11,693	89	89	6 784	7,191	19,251	2,677	2,206
40	40	96 664	4 449,542	53 746,205	12,079	11,608	90	90	4 850	4,760	12,060	2,534	2,063
41	41	96 472	4 111,755	49 296,664	11,989	11,518	91	91	3 378	3,070	7,300	2,378	1,907
42	42	96 263	3 798,919	45 184,909	11,894	11,423	92	92	2 223	1,870	4,231	2,262	1,791
43	43	96 030	3 509,012	41 385,990	11,794	11,323	93	93	1 412	1,100	2,361	2,146	1,675
44	44	95 760	3 239,970	37 876,978	11,691	11,219	94	94	857	0,618	1,260	2,039	1,568
45	45	95 463	2 990,641	34 637,008	11,582	11,111	95	95	495	0,331	0,642	1,942	1,471
46	46	95 130	2 759,472	31 646,366	11,468	10,997	96	96	272	0,168	0,312	1,854	1,383
47	47	94 761	2 545,155	28 886,894	11,350	10,879	97	97	141	0,081	0,144	1,774	1,303
48	48	94 333	2 345,980	26 341,739	11,228	10,757	98	98	69	0,037	0,063	1,701	1,230
49	49	93 864	2 161,408	23 995,759	11,102	10,631	99	99	32	0,016	0,026	1,634	1,163
							100	100	14	0,006	0,010	1,574	1,103

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß   8,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	1	99 685	99 684,731	1 328 146,316	13,323	12,852	50	51	93 130	1 985,644	21 688,784	10,923	10,452
1	2	99 273	91 919,405	1 228 461,584	13,365	12,894	51	52	92 530	1 826,723	19 703,140	10,786	10,315
2	3	99 226	85 070,039	1 136 542,179	13,360	12,889	52	53	91 840	1 678,787	17 876,416	10,648	10,177
3	4	99 196	78 744,888	1 051 472,140	13,353	12,882	53	54	91 105	1 542,000	16 197,630	10,504	10,033
4	5	99 170	72 893,106	972 727,253	13,345	12,874	54	55	90 313	1 415,366	14 655,629	10,355	9,884
5	6	99 147	67 477,832	899 834,147	13,335	12,864	55	56	89 436	1 297,793	13 240,263	10,202	9,731
6	7	99 128	62 467,284	832 356,315	13,325	12,854	56	57	88 496	1 189,028	11 942,470	10,044	9,573
7	8	99 109	57 829,003	769 889,031	13,313	12,842	57	58	87 500	1 088,559	10 753,442	9,879	9,408
8	9	99 093	53 537,018	712 060,029	13,300	12,829	58	59	86 413	995,404	9 664,883	9,710	9,238
9	10	99 078	49 563,764	658 523,011	13,286	12,815	59	60	85 248	909,251	8 669,479	9,535	9,064
10	11	99 063	45 885,514	608 959,246	13,271	12,800	60	61	83 980	829,371	7 760,228	9,357	8,886
11	12	99 047	42 479,392	563 073,732	13,255	12,784	61	62	82 629	755,589	6 930,857	9,173	8,702
12	13	99 030	39 326,229	520 594,340	13,238	12,767	62	63	81 191	687,444	6 175,268	8,983	8,512
13	14	99 010	36 405,862	481 268,111	13,220	12,748	63	64	79 678	624,654	5 487,824	8,785	8,314
14	15	98 989	33 701,740	444 862,249	13,200	12,729	64	65	78 092	566,874	4 863,170	8,579	8,108
15	16	98 961	31 196,706	411 160,509	13,180	12,709	65	66	76 390	513,443	4 296,296	8,368	7,897
16	17	98 928	28 876,253	379 963,803	13,158	12,687	66	67	74 596	464,245	3 782,853	8,148	7,677
17	18	98 887	26 726,038	351 087,550	13,137	12,665	67	68	72 692	418,886	3 318,608	7,922	7,451
18	19	98 831	24 732,297	324 361,512	13,115	12,644	68	69	70 699	377,223	2 899,722	7,687	7,216
19	20	98 763	22 884,522	299 629,215	13,093	12,622	69	70	68 609	338,954	2 522,499	7,442	6,971
20	21	98 693	21 174,316	276 744,693	13,070	12,599	70	71	66 392	303,707	2 183,545	7,190	6,719
21	22	98 619	19 591,201	255 570,377	13,045	12,574	71	72	64 045	271,269	1 879,838	6,930	6,459
22	23	98 543	18 126,131	235 979,176	13,019	12,548	72	73	61 545	241,368	1 608,569	6,664	6,193
23	24	98 469	16 770,702	217 853,045	12,990	12,519	73	74	58 903	213,895	1 367,201	6,392	5,921
24	25	98 397	15 517,172	201 082,343	12,959	12,488	74	75	56 081	188,564	1 153,306	6,116	5,645
25	26	98 321	14 356,554	185 565,171	12,925	12,454	75	76	53 019	165,063	964,742	5,845	5,374
26	27	98 243	13 282,658	171 208,617	12,890	12,419	76	77	49 784	143,511	799,679	5,572	5,101
27	28	98 160	12 288,309	157 925,959	12,852	12,381	77	78	46 390	123,820	656,167	5,299	4,828
28	29	98 073	11 367,987	145 637,650	12,811	12,340	78	79	42 803	105,784	532,347	5,032	4,561
29	30	97 986	10 516,570	134 269,663	12,767	12,296	79	80	39 070	89,406	426,563	4,771	4,300
30	31	97 894	9 728,407	123 753,093	12,721	12,250	80	81	35 235	74,658	337,157	4,516	4,045
31	32	97 801	8 999,302	114 024,686	12,670	12,199	81	82	31 375	61,555	262,499	4,264	3,793
32	33	97 697	8 323,788	105 025,384	12,617	12,146	82	83	27 485	49,929	200,945	4,025	3,554
33	34	97 589	7 698,729	96 701,596	12,561	12,090	83	84	23 692	39,850	151,016	3,790	3,319
34	35	97 474	7 119,986	89 002,867	12,500	12,029	84	85	20 047	31,221	111,165	3,561	3,090
35	36	97 358	6 584,730	81 882,881	12,435	11,964	85	86	16 582	23,913	79,944	3,343	2,872
36	37	97 230	6 088,956	75 298,150	12,366	11,895	86	87	13 388	17,876	56,031	3,134	2,663
37	38	97 092	5 629,950	69 209,194	12,293	11,822	87	88	10 495	12,975	38,155	2,941	2,470
38	39	96 946	5 205,071	63 579,244	12,215	11,744	88	89	7 966	9,119	25,180	2,761	2,290
39	40	96 775	4 811,028	58 374,173	12,133	11,662	89	90	5 824	6,173	16,061	2,602	2,131
40	41	96 596	4 446,399	53 563,145	12,046	11,575	90	91	4 099	4,023	9,888	2,458	1,987
41	42	96 395	4 108,459	49 116,746	11,955	11,484	91	92	2 778	2,524	5,865	2,323	1,852
42	43	96 177	3 795,538	45 008,286	11,858	11,387	92	93	1 802	1,516	3,341	2,203	1,732
43	44	95 932	3 505,419	41 212,749	11,757	11,286	93	94	1 119	0,872	1,824	2,092	1,621
44	45	95 653	3 236,331	37 707,330	11,651	11,180	94	95	663	0,478	0,952	1,990	1,519
45	46	95 341	2 986,846	34 470,999	11,541	11,070	95	96	374	0,250	0,474	1,898	1,427
46	47	94 996	2 755,584	31 484,153	11,426	10,955	96	97	200	0,124	0,224	1,813	1,342
47	48	94 606	2 540,994	28 728,569	11,306	10,835	97	98	101	0,058	0,101	1,737	1,266
48	49	94 166	2 341,832	26 187,576	11,183	10,711	98	99	48	0,026	0,043	1,667	1,196
49	50	93 671	2 156,961	23 845,744	11,055	10,584	99	100	22	0,011	0,017	1,604	1,133

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß   8,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	2	99 658	99 658,418	1 327 745,573	13,323	12,852	50	52	92 902	1 980,786	21 531,178	10,870	10,399
1	3	99 258	91 905,715	1 228 087,155	13,362	12,891	51	53	92 276	1 821,708	19 550,392	10,732	10,261
2	4	99 215	85 060,534	1 136 181,441	13,357	12,886	52	54	91 564	1 673,739	17 728,684	10,592	10,121
3	5	99 184	78 735,503	1 051 120,907	13,350	12,879	53	55	90 815	1 537,080	16 054,945	10,445	9,974
4	6	99 160	72 885,738	972 385,404	13,341	12,870	54	56	89 993	1 410,351	14 517,865	10,294	9,823
5	7	99 138	67 471,956	899 499,666	13,331	12,860	55	57	89 099	1 292,898	13 107,514	10,138	9,667
6	8	99 119	62 461,922	832 027,711	13,321	12,850	56	58	88 142	1 184,276	11 814,616	9,976	9,505
7	9	99 101	57 824,744	769 565,788	13,309	12,838	57	59	87 113	1 083,756	10 630,340	9,809	9,338
8	10	99 086	53 533,325	711 741,045	13,295	12,824	58	60	86 005	990,704	9 546,585	9,636	9,165
9	11	99 071	49 560,247	658 207,720	13,281	12,810	59	61	84 789	904,351	8 555,881	9,461	8,990
10	12	99 055	45 881,844	608 647,473	13,266	12,794	60	62	83 497	824,605	7 651,530	9,279	8,808
11	13	99 039	42 475,973	562 765,629	13,249	12,778	61	63	82 108	750,823	6 826,925	9,093	8,622
12	14	99 021	39 322,707	520 289,656	13,231	12,760	62	64	80 644	682,812	6 076,102	8,899	8,428
13	15	99 000	36 401,916	480 966,949	13,213	12,742	63	65	79 092	620,063	5 393,290	8,698	8,227
14	16	98 976	33 697,501	444 565,033	13,193	12,722	64	66	77 482	562,446	4 773,226	8,487	8,016
15	17	98 946	31 191,906	410 867,533	13,172	12,701	65	67	75 736	509,051	4 210,780	8,272	7,801
16	18	98 913	28 871,619	379 675,627	13,150	12,679	66	68	73 915	460,006	3 701,730	8,047	7,576
17	19	98 864	26 719,933	350 804,008	13,129	12,658	67	69	71 986	414,818	3 241,724	7,815	7,344
18	20	98 810	24 727,189	324 084,075	13,106	12,635	68	70	69 948	373,217	2 826,906	7,574	7,103
19	21	98 741	22 879,442	299 356,885	13,084	12,613	69	71	67 813	335,020	2 453,689	7,324	6,853
20	22	98 672	21 169,884	276 477,444	13,060	12,589	70	72	65 537	299,797	2 118,669	7,067	6,596
21	23	98 597	19 586,806	255 307,559	13,035	12,564	71	73	63 118	267,342	1 818,872	6,804	6,333
22	24	98 521	18 121,988	235 720,753	13,007	12,536	72	74	60 544	237,443	1 551,531	6,534	6,063
23	25	98 449	16 767,312	217 598,766	12,978	12,507	73	75	57 807	209,915	1 314,087	6,260	5,789
24	26	98 376	15 513,759	200 831,454	12,945	12,474	74	76	54 878	184,518	1 104,173	5,984	5,513
25	27	98 297	14 353,156	185 317,695	12,911	12,440	75	77	51 721	161,020	919,655	5,711	5,240
26	28	98 217	13 279,089	170 964,539	12,875	12,404	76	78	48 404	139,533	758,635	5,437	4,966
27	29	98 135	12 285,202	157 685,450	12,835	12,364	77	79	44 902	119,849	619,102	5,166	4,695
28	30	98 045	11 364,725	145 400,248	12,794	12,323	78	80	41 249	101,944	499,253	4,897	4,426
29	31	97 958	10 513,594	134 035,523	12,749	12,278	79	81	37 438	85,672	397,309	4,638	4,166
30	32	97 864	9 725,469	123 521,929	12,701	12,230	80	82	33 558	71,105	311,637	4,383	3,912
31	33	97 767	8 996,112	113 796,460	12,650	12,178	81	83	29 645	58,160	240,532	4,136	3,665
32	34	97 661	8 320,744	104 800,348	12,595	12,124	82	84	25 762	46,798	182,372	3,897	3,426
33	35	97 548	7 695,459	96 479,603	12,537	12,066	83	85	21 979	36,969	135,574	3,667	3,196
34	36	97 435	7 117,154	88 784,144	12,475	12,004	84	86	18 388	28,638	98,605	3,443	2,972
35	37	97 311	6 581,601	81 666,990	12,408	11,937	85	87	15 020	21,659	69,968	3,230	2,759
36	38	97 178	6 085,707	75 085,389	12,338	11,867	86	88	11 938	15,941	48,308	3,031	2,559
37	39	97 038	5 626,816	68 999,682	12,263	11,792	87	89	9 211	11,388	32,368	2,842	2,371
38	40	96 882	5 201,628	63 372,866	12,183	11,712	88	90	6 838	7,828	20,979	2,680	2,209
39	41	96 707	4 807,630	58 171,239	12,100	11,629	89	91	4 923	5,218	13,151	2,520	2,049
40	42	96 518	4 442,835	53 363,608	12,011	11,540	90	92	3 371	3,308	7,934	2,398	1,927
41	43	96 309	4 104,802	48 920,773	11,918	11,447	91	93	2 252	2,046	4,625	2,260	1,789
42	44	96 078	3 791,651	44 815,971	11,820	11,349	92	94	1 429	1,202	2,579	2,145	1,674
43	45	95 824	3 501,482	41 024,320	11,716	11,245	93	95	867	0,675	1,377	2,039	1,568
44	46	95 532	3 232,224	37 522,838	11,609	11,138	94	96	501	0,361	0,702	1,942	1,471
45	47	95 207	2 982,637	34 290,614	11,497	11,026	95	97	275	0,184	0,340	1,854	1,383
46	48	94 841	2 751,078	31 307,977	11,380	10,909	96	98	143	0,088	0,157	1,774	1,303
47	49	94 439	2 536,500	28 556,899	11,258	10,787	97	99	70	0,040	0,068	1,701	1,230
48	50	93 973	2 337,013	26 020,399	11,134	10,663	98	100	33	0,017	0,028	1,634	1,163
49	51	93 465	2 152,209	23 683,386	11,004	10,533							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß   8,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	3	99 644	99 643,575	1 327 335,557	13,321	12,850	50	53	92 647	1 975,348	21 360,814	10,814	10,343
1	4	99 247	91 895,446	1 227 691,982	13,360	12,889	51	54	91 999	1 816,231	19 385,467	10,673	10,202
2	5	99 203	85 050,396	1 135 796,536	13,354	12,883	52	55	91 271	1 668,398	17 569,235	10,531	10,060
3	6	99 174	78 727,545	1 050 746,140	13,347	12,876	53	56	90 493	1 531,633	15 900,838	10,382	9,911
4	7	99 152	72 879,390	972 018,595	13,337	12,866	54	57	89 654	1 405,031	14 369,204	10,227	9,756
5	8	99 130	67 466,165	899 139,205	13,327	12,856	55	58	88 742	1 287,731	12 964,173	10,067	9,596
6	9	99 112	62 457,322	831 673,040	13,316	12,845	56	59	87 753	1 179,050	11 676,442	9,903	9,432
7	10	99 095	57 820,755	769 215,718	13,303	12,832	57	60	86 702	1 078,638	10 497,392	9,732	9,261
8	11	99 079	53 529,525	711 394,963	13,290	12,819	58	61	85 541	985,365	9 418,754	9,559	9,088
9	12	99 063	49 556,284	657 865,438	13,275	12,804	59	62	84 302	899,154	8 433,389	9,379	8,908
10	13	99 047	45 878,151	608 309,154	13,259	12,788	60	63	82 970	819,404	7 534,235	9,195	8,724
11	14	99 030	42 472,168	562 431,003	13,242	12,771	61	64	81 555	745,764	6 714,831	9,004	8,533
12	15	99 011	39 318,445	519 958,835	13,224	12,753	62	65	80 052	677,794	5 969,068	8,807	8,336
13	16	98 987	36 397,337	480 640,390	13,205	12,734	63	66	78 474	615,221	5 291,274	8,601	8,130
14	17	98 961	33 692,315	444 243,054	13,185	12,714	64	67	76 819	557,635	4 676,053	8,386	7,914
15	18	98 930	31 186,900	410 550,738	13,164	12,693	65	68	75 045	504,402	4 118,418	8,165	7,694
16	19	98 890	28 865,024	379 363,838	13,143	12,672	66	69	73 197	455,539	3 614,016	7,934	7,462
17	20	98 844	26 714,415	350 498,813	13,120	12,649	67	70	71 222	410,412	3 158,478	7,696	7,225
18	21	98 788	24 721,700	323 784,399	13,097	12,626	68	71	69 136	368,885	2 748,065	7,450	6,979
19	22	98 720	22 874,653	299 062,699	13,074	12,603	69	72	66 939	330,706	2 379,180	7,194	6,723
20	23	98 650	21 165,135	276 188,045	13,049	12,578	70	73	64 589	295,456	2 048,474	6,933	6,462
21	24	98 574	19 582,329	255 022,910	13,023	12,552	71	74	62 092	262,995	1 753,018	6,666	6,195
22	25	98 501	18 118,324	235 440,581	12,995	12,524	72	75	59 417	233,025	1 490,023	6,394	5,923
23	26	98 427	16 763,623	217 322,257	12,964	12,493	73	76	56 566	205,410	1 256,998	6,119	5,648
24	27	98 352	15 510,087	200 558,633	12,931	12,460	74	77	53 534	179,998	1 051,588	5,842	5,371
25	28	98 271	14 349,300	185 048,546	12,896	12,425	75	78	50 287	156,556	871,589	5,567	5,096
26	29	98 192	13 275,732	170 699,246	12,858	12,387	76	79	46 852	135,058	715,033	5,294	4,823
27	30	98 107	12 281,677	157 423,515	12,818	12,347	77	80	43 272	115,498	579,975	5,022	4,550
28	31	98 017	11 361,509	145 141,838	12,775	12,304	78	81	39 526	97,686	464,477	4,755	4,284
29	32	97 928	10 510,418	133 780,329	12,728	12,257	79	82	35 657	81,595	366,791	4,495	4,024
30	33	97 829	9 722,022	123 269,911	12,679	12,208	80	83	31 708	67,184	285,196	4,245	3,774
31	34	97 731	8 992,823	113 547,889	12,627	12,155	81	84	27 786	54,513	218,012	3,999	3,528
32	35	97 620	8 317,210	104 555,066	12,571	12,100	82	85	23 899	43,413	163,499	3,766	3,295
33	36	97 509	7 692,398	96 237,856	12,511	12,040	83	86	20 160	33,909	120,086	3,541	3,070
34	37	97 388	7 113,772	88 545,458	12,447	11,976	84	87	16 655	25,939	86,177	3,322	2,851
35	38	97 259	6 578,089	81 431,686	12,379	11,908	85	88	13 393	19,314	60,237	3,119	2,648
36	39	97 124	6 082,319	74 853,597	12,307	11,836	86	89	10 478	13,991	40,923	2,925	2,454
37	40	96 974	5 623,093	68 771,279	12,230	11,759	87	90	7 908	9,777	26,932	2,755	2,284
38	41	96 813	5 197,954	63 148,185	12,149	11,678	88	91	5 780	6,616	17,155	2,593	2,122
39	42	96 629	4 803,777	57 950,231	12,063	11,592	89	92	4 048	4,291	10,539	2,456	1,985
40	43	96 433	4 438,881	53 146,454	11,973	11,502	90	93	2 733	2,682	6,248	2,329	1,858
41	44	96 210	4 100,599	48 707,573	11,878	11,407	91	94	1 785	1,622	3,566	2,198	1,727
42	45	95 971	3 787,393	44 606,974	11,778	11,307	92	95	1 106	0,930	1,944	2,089	1,618
43	46	95 702	3 497,037	40 819,582	11,673	11,202	93	96	654	0,510	1,013	1,988	1,517
44	47	95 397	3 227,669	37 322,544	11,563	11,092	94	97	368	0,266	0,503	1,896	1,425
45	48	95 051	2 977,760	34 094,875	11,450	10,979	95	98	197	0,131	0,238	1,812	1,341
46	49	94 673	2 746,213	31 117,115	11,331	10,860	96	99	99	0,061	0,107	1,735	1,264
47	50	94 245	2 531,281	28 370,902	11,208	10,737	97	100	47	0,027	0,045	1,666	1,195
48	51	93 766	2 331,864	25 839,621	11,081	10,610							
49	52	93 236	2 146,943	23 507,757	10,949	10,478							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß   8,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	4	99 632	99 632,441	1 326 902,877	13,318	12,847	50	54	92 368	1 969,409	21 177,042	10,753	10,282
1	5	99 235	91 884,494	1 227 270,435	13,357	12,886	51	55	91 705	1 810,435	19 207,633	10,609	10,138
2	6	99 193	85 041,800	1 135 385,942	13,351	12,880	52	56	90 948	1 662,487	17 397,198	10,465	9,994
3	7	99 165	78 720,688	1 050 344,142	13,343	12,872	53	57	90 151	1 525,856	15 734,712	10,312	9,841
4	8	99 143	72 873,135	971 623,454	13,333	12,862	54	58	89 295	1 399,416	14 208,856	10,153	9,682
5	9	99 123	67 461,196	898 750,318	13,322	12,851	55	59	88 351	1 282,049	12 809,440	9,991	9,520
6	10	99 105	62 453,014	831 289,122	13,311	12,840	56	60	87 339	1 173,483	11 527,391	9,823	9,352
7	11	99 088	57 816,651	768 836,108	13,298	12,827	57	61	86 235	1 072,825	10 353,909	9,651	9,180
8	12	99 071	53 525,245	711 019,457	13,284	12,813	58	62	85 050	979,702	9 281,084	9,473	9,002
9	13	99 055	49 552,294	657 494,212	13,269	12,798	59	63	83 770	893,483	8 301,381	9,291	8,820
10	14	99 039	45 874,041	607 941,918	13,252	12,781	60	64	82 411	813,883	7 407,899	9,102	8,631
11	15	99 019	42 467,565	562 067,877	13,235	12,764	61	65	80 956	740,283	6 594,016	8,907	8,436
12	16	98 998	39 313,499	519 600,312	13,217	12,746	62	66	79 427	672,501	5 853,733	8,704	8,233
13	17	98 972	36 391,736	480 286,813	13,198	12,727	63	67	77 803	609,958	5 181,233	8,494	8,023
14	18	98 945	33 686,909	443 895,077	13,177	12,706	64	68	76 118	552,543	4 571,275	8,273	7,802
15	19	98 908	31 179,777	410 208,168	13,156	12,685	65	69	74 316	499,504	4 018,733	8,045	7,574
16	20	98 869	28 859,062	379 028,391	13,134	12,663	66	70	72 420	450,700	3 519,229	7,808	7,337
17	21	98 822	26 708,484	350 169,329	13,111	12,640	67	71	70 395	405,649	3 068,529	7,564	7,093
18	22	98 768	24 716,526	323 460,844	13,087	12,616	68	72	68 246	364,135	2 662,879	7,313	6,842
19	23	98 698	22 869,522	298 744,318	13,063	12,592	69	73	65 970	325,918	2 298,744	7,053	6,582
20	24	98 627	21 160,297	275 874,797	13,037	12,566	70	74	63 538	290,652	1 972,826	6,788	6,317
21	25	98 554	19 578,371	254 714,499	13,010	12,539	71	75	60 936	258,101	1 682,174	6,518	6,046
22	26	98 479	18 114,339	235 136,129	12,981	12,510	72	76	58 142	228,025	1 424,073	6,245	5,774
23	27	98 404	16 759,656	217 021,790	12,949	12,478	73	77	55 181	200,379	1 196,049	5,969	5,498
24	28	98 326	15 505,921	200 262,134	12,915	12,444	74	78	52 049	175,008	995,669	5,689	5,218
25	29	98 246	14 345,671	184 756,213	12,879	12,408	75	79	48 674	151,536	820,661	5,416	4,945
26	30	98 164	13 271,923	170 410,542	12,840	12,369	76	80	45 151	130,155	669,125	5,141	4,670
27	31	98 079	12 278,201	157 138,619	12,798	12,327	77	81	41 464	110,674	538,971	4,870	4,399
28	32	97 987	11 358,077	144 860,419	12,754	12,283	78	82	37 645	93,037	428,296	4,604	4,132
29	33	97 894	10 506,693	133 502,342	12,706	12,235	79	83	33 690	77,096	335,259	4,349	3,878
30	34	97 794	9 718,467	122 995,649	12,656	12,185	80	84	29 719	62,970	258,164	4,100	3,629
31	35	97 690	8 989,003	113 277,182	12,602	12,131	81	85	25 776	50,571	195,193	3,860	3,389
32	36	97 581	8 313,902	104 288,179	12,544	12,073	82	86	21 921	39,821	144,623	3,632	3,161
33	37	97 463	7 688,743	95 974,277	12,482	12,011	83	87	18 260	30,714	104,802	3,412	2,941
34	38	97 337	7 109,975	88 285,535	12,417	11,946	84	88	14 852	23,130	74,087	3,203	2,732
35	39	97 205	6 574,427	81 175,559	12,347	11,876	85	89	11 756	16,952	50,957	3,006	2,535
36	40	97 059	6 078,295	74 601,133	12,273	11,802	86	90	8 996	12,011	34,005	2,831	2,360
37	41	96 905	5 619,122	68 522,838	12,195	11,724	87	91	6 684	8,263	21,994	2,662	2,191
38	42	96 736	5 193,788	62 903,715	12,111	11,640	88	92	4 753	5,441	13,731	2,524	2,053
39	43	96 543	4 799,501	57 709,927	12,024	11,553	89	93	3 282	3,479	8,290	2,383	1,912
40	44	96 334	4 434,336	52 910,426	11,932	11,461	90	94	2 167	2,126	4,811	2,263	1,792
41	45	96 102	4 095,994	48 476,090	11,835	11,364	91	95	1 382	1,256	2,685	2,138	1,667
42	46	95 849	3 782,586	44 380,097	11,733	11,262	92	96	835	0,702	1,429	2,034	1,563
43	47	95 567	3 492,110	40 597,511	11,625	11,154	93	97	481	0,375	0,726	1,938	1,467
44	48	95 241	3 222,391	37 105,402	11,515	11,044	94	98	263	0,190	0,351	1,850	1,379
45	49	94 883	2 972,494	33 883,010	11,399	10,928	95	99	137	0,091	0,162	1,771	1,300
46	50	94 478	2 740,562	30 910,516	11,279	10,808	96	100	67	0,041	0,070	1,698	1,227
47	51	94 037	2 525,704	28 169,954	11,153	10,682							
48	52	93 536	2 326,159	25 644,250	11,024	10,553							
49	53	92 980	2 141,049	23 318,091	10,891	10,420							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß   8,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$
0	5	99 621	99 620,567	1 326 441,451	13,315	12,844	50	55	92 074	1 963,124	20 979,087	10,687	10,216
1	6	99 225	91 875,206	1 226 820,884	13,353	12,882	51	56	91 380	1 804,020	19 015,964	10,541	10,070
2	7	99 184	85 034,393	1 134 945,678	13,347	12,876	52	57	90 605	1 656,215	17 211,943	10,392	9,921
3	8	99 157	78 713,932	1 049 911,284	13,338	12,867	53	58	89 791	1 519,758	15 555,728	10,236	9,765
4	9	99 136	72 867,769	971 197,352	13,328	12,857	54	59	88 901	1 393,241	14 035,970	10,074	9,603
5	10	99 116	67 456,543	898 329,584	13,317	12,846	55	60	87 934	1 275,995	12 642,729	9,908	9,437
6	11	99 098	62 448,581	830 873,041	13,305	12,834	56	61	86 868	1 167,159	11 366,734	9,739	9,268
7	12	99 080	57 812,028	768 424,460	13,292	12,821	57	62	85 739	1 066,660	10 199,576	9,562	9,091
8	13	99 064	53 520,936	710 612,432	13,277	12,806	58	63	84 513	973,523	9 132,916	9,381	8,910
9	14	99 046	49 547,856	657 091,496	13,262	12,791	59	64	83 205	887,462	8 159,393	9,194	8,723
10	15	99 028	45 869,069	607 543,640	13,245	12,774	60	65	81 806	807,901	7 271,931	9,001	8,530
11	16	99 007	42 462,223	561 674,571	13,228	12,757	61	66	80 323	734,501	6 464,030	8,801	8,330
12	17	98 983	39 307,449	519 212,348	13,209	12,738	62	67	78 747	666,748	5 729,529	8,593	8,122
13	18	98 956	36 385,896	479 904,899	13,189	12,718	63	68	77 092	604,387	5 062,781	8,377	7,906
14	19	98 922	33 679,214	443 519,003	13,169	12,698	64	69	75 379	547,177	4 458,393	8,148	7,677
15	20	98 887	31 173,337	409 839,788	13,147	12,676	65	70	73 527	494,198	3 911,216	7,914	7,443
16	21	98 848	28 852,656	378 666,451	13,124	12,653	66	71	71 579	445,470	3 417,018	7,671	7,200
17	22	98 801	26 702,895	349 813,795	13,100	12,629	67	72	69 489	400,426	2 971,548	7,421	6,950
18	23	98 746	24 710,981	323 110,900	13,076	12,605	68	73	67 258	358,863	2 571,122	7,165	6,694
19	24	98 675	22 864,294	298 399,919	13,051	12,580	69	74	64 897	320,618	2 212,259	6,900	6,429
20	25	98 607	21 156,020	275 535,625	13,024	12,553	70	75	62 356	285,243	1 891,641	6,632	6,161
21	26	98 533	19 574,064	254 379,605	12,996	12,525	71	76	59 629	252,563	1 606,397	6,360	5,889
22	27	98 456	18 110,052	234 805,541	12,965	12,494	72	77	56 718	222,440	1 353,835	6,086	5,615
23	28	98 377	16 755,154	216 695,489	12,933	12,462	73	78	53 651	194,824	1 131,395	5,807	5,336
24	29	98 301	15 501,999	199 940,336	12,898	12,427	74	79	50 380	169,396	936,571	5,529	5,058
25	30	98 218	14 341,555	184 438,336	12,860	12,389	75	80	46 907	146,034	767,175	5,253	4,782
26	31	98 136	13 268,166	170 096,781	12,820	12,349	76	81	43 265	124,719	621,141	4,980	4,509
27	32	98 049	12 274,492	156 828,615	12,777	12,306	77	82	39 491	105,407	496,422	4,710	4,239
28	33	97 953	11 354,051	144 554,122	12,732	12,260	78	83	35 569	87,907	391,015	4,448	3,977
29	34	97 858	10 502,851	133 200,071	12,682	12,211	79	84	31 578	72,261	303,108	4,195	3,724
30	35	97 752	9 714,339	122 697,220	12,631	12,159	80	85	27 570	58,417	230,847	3,952	3,481
31	36	97 651	8 985,427	112 982,881	12,574	12,103	81	86	23 643	46,386	172,431	3,717	3,246
32	37	97 535	8 309,951	103 997,454	12,515	12,044	82	87	19 855	36,069	126,045	3,495	3,024
33	38	97 411	7 684,639	95 687,503	12,452	11,981	83	88	16 283	27,388	89,976	3,285	2,814
34	39	97 282	7 106,017	88 002,864	12,384	11,913	84	89	13 036	20,302	62,588	3,083	2,612
35	40	97 141	6 570,077	80 896,847	12,313	11,842	85	90	10 092	14,553	42,286	2,906	2,435
36	41	96 991	6 074,002	74 326,769	12,237	11,766	86	91	7 603	10,152	27,733	2,732	2,261
37	42	96 828	5 614,508	68 252,767	12,156	11,685	87	92	5 496	6,795	17,581	2,587	2,116
38	43	96 650	5 189,165	62 638,148	12,071	11,600	88	93	3 853	4,411	10,786	2,445	1,974
39	44	96 445	4 794,587	57 448,983	11,982	11,511	89	94	2 602	2,758	6,375	2,312	1,841
40	45	96 226	4 429,355	52 654,397	11,888	11,417	90	95	1 677	1,646	3,617	2,197	1,726
41	46	95 980	4 090,795	48 225,041	11,789	11,318	91	96	1 043	0,948	1,971	2,079	1,608
42	47	95 714	3 777,255	44 134,247	11,684	11,213	92	97	614	0,517	1,023	1,981	1,510
43	48	95 411	3 486,400	40 356,991	11,576	11,105	93	98	344	0,268	0,506	1,889	1,418
44	49	95 072	3 216,693	36 870,591	11,462	10,991	94	99	183	0,132	0,238	1,806	1,335
45	50	94 688	2 966,378	33 653,899	11,345	10,874	95	100	92	0,061	0,106	1,731	1,260
46	51	94 270	2 734,525	30 687,521	11,222	10,751							
47	52	93 807	2 519,525	27 952,996	11,095	10,624							
48	53	93 279	2 319,773	25 433,472	10,964	10,493							
49	54	92 701	2 134,611	23 113,699	10,828	10,357							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß   8,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	6	99 610	99 610,498	1 325 949,541	13,311	12,840	50	56	91 747	1 956,168	20 765,962	10,616	10,145
1	7	99 217	91 867,205	1 226 339,043	13,349	12,878	51	57	91 036	1 797,215	18 809,794	10,466	9,995
2	8	99 176	85 027,095	1 134 471,838	13,342	12,871	52	58	90 243	1 649,596	17 012,579	10,313	9,842
3	9	99 150	78 708,135	1 049 444,743	13,333	12,862	53	59	89 395	1 513,052	15 362,983	10,154	9,683
4	10	99 129	72 862,742	970 736,608	13,323	12,852	54	60	88 482	1 386,662	13 849,931	9,988	9,517
5	11	99 109	67 451,755	897 873,866	13,311	12,840	55	61	87 460	1 269,118	12 463,268	9,820	9,349
6	12	99 090	62 443,588	830 422,111	13,299	12,828	56	62	86 369	1 160,451	11 194,150	9,646	9,175
7	13	99 072	57 807,374	767 978,523	13,285	12,814	57	63	85 198	1 059,932	10 033,699	9,466	8,995
8	14	99 055	53 516,142	710 171,150	13,270	12,799	58	64	83 944	966,963	8 973,767	9,280	8,809
9	15	99 036	49 542,485	656 655,008	13,254	12,783	59	65	82 594	880,940	8 006,804	9,089	8,618
10	16	99 015	45 863,299	607 112,522	13,237	12,766	60	66	81 167	801,591	7 125,864	8,890	8,419
11	17	98 991	42 455,689	561 249,223	13,220	12,749	61	67	79 636	728,218	6 324,273	8,685	8,214
12	18	98 967	39 301,142	518 793,534	13,200	12,729	62	68	78 028	660,659	5 596,054	8,470	7,999
13	19	98 933	36 377,585	479 492,393	13,181	12,710	63	69	76 344	598,518	4 935,396	8,246	7,775
14	20	98 902	33 672,258	443 114,807	13,160	12,689	64	70	74 578	541,365	4 336,877	8,011	7,540
15	21	98 865	31 166,417	409 442,549	13,137	12,666	65	71	72 673	488,463	3 795,512	7,770	7,299
16	22	98 827	28 846,617	378 276,132	13,113	12,642	66	72	70 657	439,733	3 307,049	7,521	7,050
17	23	98 779	26 696,904	349 429,514	13,089	12,618	67	73	68 483	394,628	2 867,315	7,266	6,795
18	24	98 723	24 705,333	322 732,610	13,063	12,592	68	74	66 164	353,028	2 472,687	7,004	6,533
19	25	98 656	22 859,673	298 027,277	13,037	12,566	69	75	63 690	314,653	2 119,659	6,737	6,265
20	26	98 586	21 151,366	275 167,605	13,009	12,538	70	76	61 018	279,123	1 805,006	6,467	5,996
21	27	98 509	19 569,431	254 016,239	12,980	12,509	71	77	58 168	246,377	1 525,884	6,193	5,722
22	28	98 430	18 105,187	234 446,807	12,949	12,478	72	78	55 146	216,273	1 279,507	5,916	5,445
23	29	98 352	16 750,917	216 341,621	12,915	12,444	73	79	51 930	188,576	1 063,234	5,638	5,167
24	30	98 273	15 497,552	199 590,704	12,879	12,408	74	80	48 551	163,246	874,658	5,358	4,887
25	31	98 190	14 337,496	184 093,152	12,840	12,369	75	81	44 948	139,935	711,412	5,084	4,613
26	32	98 106	13 264,159	169 755,656	12,798	12,327	76	82	41 206	118,783	571,477	4,811	4,340
27	33	98 015	12 270,142	156 491,497	12,754	12,283	77	83	37 313	99,595	452,694	4,545	4,074
28	34	97 917	11 349,899	144 221,356	12,707	12,236	78	84	33 339	82,394	353,099	4,286	3,814
29	35	97 816	10 498,390	132 871,456	12,656	12,185	79	85	29 294	67,035	270,705	4,038	3,567
30	36	97 713	9 710,475	122 373,067	12,602	12,131	80	86	25 288	53,582	203,670	3,801	3,330
31	37	97 604	8 981,157	112 662,592	12,544	12,073	81	87	21 416	42,015	150,088	3,572	3,101
32	38	97 483	8 305,516	103 681,434	12,483	12,012	82	88	17 705	32,163	108,072	3,360	2,889
33	39	97 357	7 680,361	95 375,918	12,418	11,947	83	89	14 292	24,039	75,910	3,158	2,687
34	40	97 218	7 101,316	87 695,557	12,349	11,878	84	90	11 191	17,429	51,871	2,976	2,505
35	41	97 072	6 565,437	80 594,241	12,276	11,804	85	91	8 530	12,300	34,442	2,800	2,329
36	42	96 913	6 069,134	74 028,804	12,198	11,727	86	92	6 252	8,348	22,142	2,652	2,181
37	43	96 741	5 609,621	67 959,670	12,115	11,644	87	93	4 456	5,509	13,794	2,504	2,033
38	44	96 551	5 183,852	62 350,048	12,028	11,557	88	94	3 055	3,497	8,284	2,369	1,898
39	45	96 336	4 789,202	57 166,197	11,936	11,465	89	95	2 014	2,135	4,787	2,242	1,771
40	46	96 103	4 423,733	52 376,995	11,840	11,369	90	96	1 266	1,243	2,652	2,134	1,663
41	47	95 845	4 085,030	47 953,262	11,739	11,268	91	97	767	0,697	1,410	2,022	1,551
42	48	95 557	3 771,079	43 868,231	11,633	11,162	92	98	439	0,369	0,713	1,929	1,458
43	49	95 242	3 480,234	40 097,152	11,521	11,050	93	99	239	0,186	0,343	1,843	1,372
44	50	94 877	3 210,074	36 616,918	11,407	10,936	94	100	123	0,089	0,157	1,764	1,293
45	51	94 480	2 959,843	33 406,844	11,287	10,816							
46	52	94 040	2 727,834	30 447,001	11,162	10,691							
47	53	93 549	2 512,608	27 719,167	11,032	10,561							
48	54	92 999	2 312,798	25 206,560	10,899	10,428							
49	55	92 405	2 127,799	22 893,762	10,759	10,288							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß   8,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	7	99 602	99 601,823	1 325 422,534	13,307	12,836	50	57	91 401	1 948,789	20 536,968	10,538	10,067
1	8	99 208	91 859,320	1 225 820,711	13,345	12,873	51	58	90 672	1 790,033	18 588,179	10,384	9,913
2	9	99 168	85 020,833	1 133 961,391	13,337	12,866	52	59	89 845	1 642,318	16 798,147	10,228	9,757
3	10	99 143	78 702,706	1 048 940,558	13,328	12,857	53	60	88 973	1 505,907	15 155,829	10,064	9,593
4	11	99 122	72 857,571	970 237,852	13,317	12,846	54	61	88 005	1 379,189	13 649,922	9,897	9,426
5	12	99 101	67 446,361	897 380,281	13,305	12,834	55	62	86 957	1 261,825	12 270,733	9,725	9,254
6	13	99 082	62 438,561	829 933,920	13,292	12,821	56	63	85 824	1 153,132	11 008,908	9,547	9,076
7	14	99 063	57 802,196	767 495,359	13,278	12,807	57	64	84 624	1 052,790	9 855,776	9,362	8,891
8	15	99 044	53 510,341	709 693,164	13,263	12,792	58	65	83 327	959,856	8 802,986	9,171	8,700
9	16	99 023	49 536,253	656 182,822	13,247	12,775	59	66	81 949	874,060	7 843,130	8,973	8,502
10	17	99 000	45 856,242	606 646,569	13,229	12,758	60	67	80 472	794,734	6 969,070	8,769	8,298
11	18	98 975	42 448,876	560 790,327	13,211	12,740	61	68	78 909	721,568	6 174,335	8,557	8,086
12	19	98 944	39 292,165	518 341,451	13,192	12,721	62	69	77 270	654,243	5 452,767	8,334	7,863
13	20	98 913	36 370,072	479 049,286	13,172	12,700	63	70	75 533	592,161	4 798,524	8,103	7,632
14	21	98 880	33 664,783	442 679,214	13,150	12,679	64	71	73 713	535,083	4 206,363	7,861	7,390
15	22	98 844	31 159,894	409 014,431	13,126	12,655	65	72	71 738	482,173	3 671,280	7,614	7,143
16	23	98 805	28 840,146	377 854,536	13,102	12,631	66	73	69 634	433,367	3 189,107	7,359	6,888
17	24	98 756	26 690,802	349 014,390	13,076	12,605	67	74	67 369	388,211	2 755,740	7,099	6,628
18	25	98 703	24 700,339	322 323,588	13,049	12,578	68	75	64 933	346,459	2 367,528	6,834	6,362
19	26	98 634	22 854,644	297 623,249	13,022	12,551	69	76	62 323	307,901	2 021,069	6,564	6,093
20	27	98 562	21 146,360	274 768,605	12,994	12,523	70	77	59 524	272,286	1 713,169	6,292	5,821
21	28	98 483	19 564,174	253 622,245	12,964	12,493	71	78	56 556	239,546	1 440,883	6,015	5,544
22	29	98 405	18 100,608	234 058,071	12,931	12,460	72	79	53 377	209,337	1 201,336	5,739	5,268
23	30	98 324	16 746,110	215 957,463	12,896	12,425	73	80	50 045	181,730	991,999	5,459	4,988
24	31	98 245	15 493,165	199 211,352	12,858	12,387	74	81	46 523	156,428	810,269	5,180	4,709
25	32	98 160	14 333,166	183 718,187	12,818	12,347	75	82	42 809	133,276	653,841	4,906	4,435
26	33	98 072	13 259,457	169 385,021	12,775	12,304	76	83	38 934	112,233	520,566	4,638	4,167
27	34	97 979	12 265,655	156 125,564	12,729	12,258	77	84	34 973	93,349	408,333	4,374	3,903
28	35	97 875	11 345,078	143 859,909	12,680	12,209	78	85	30 928	76,435	314,984	4,121	3,650
29	36	97 777	10 494,214	132 514,830	12,627	12,156	79	86	26 870	61,488	238,548	3,880	3,409
30	37	97 667	9 705,860	122 020,616	12,572	12,101	80	87	22 906	48,534	177,061	3,648	3,177
31	38	97 552	8 976,364	112 314,756	12,512	12,041	81	88	19 096	37,465	128,527	3,431	2,960
32	39	97 428	8 300,892	103 338,392	12,449	11,978	82	89	15 540	28,230	91,062	3,226	2,755
33	40	97 292	7 675,280	95 037,500	12,382	11,911	83	90	12 269	20,637	62,832	3,045	2,574
34	41	97 149	7 096,301	87 362,219	12,311	11,840	84	91	9 458	14,731	42,195	2,864	2,393
35	42	96 994	6 560,175	80 265,918	12,235	11,764	85	92	7 014	10,115	27,464	2,715	2,244
36	43	96 827	6 063,732	73 705,743	12,155	11,684	86	93	5 069	6,768	17,349	2,563	2,092
37	44	96 642	5 603,877	67 642,011	12,071	11,600	87	94	3 533	4,367	10,581	2,423	1,952
38	45	96 442	5 178,029	62 038,134	11,981	11,510	88	95	2 365	2,707	6,214	2,295	1,824
39	46	96 214	4 783,123	56 860,105	11,888	11,417	89	96	1 521	1,612	3,506	2,176	1,705
40	47	95 968	4 417,500	52 076,981	11,789	11,318	90	97	931	0,914	1,895	2,074	1,603
41	48	95 688	4 078,351	47 659,482	11,686	11,215	91	98	549	0,499	0,981	1,967	1,496
42	49	95 388	3 764,410	43 581,131	11,577	11,106	92	99	305	0,257	0,482	1,879	1,408
43	50	95 046	3 473,073	39 816,720	11,464	10,993	93	100	161	0,126	0,226	1,798	1,326
44	51	94 668	3 203,002	36 343,647	11,347	10,876							
45	52	94 248	2 952,601	33 140,645	11,224	10,753							
46	53	93 781	2 720,345	30 188,044	11,097	10,626							
47	54	93 268	2 505,053	27 467,699	10,965	10,494							
48	55	92 702	2 305,417	24 962,646	10,828	10,357							
49	56	92 077	2 120,260	22 657,229	10,686	10,215							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß   8,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	8	99 593	99 593,274	1 324 855,905	13,303	12,832	50	58	91 036	1 941,001	20 291,105	10,454	9,983
1	9	99 201	91 852,555	1 225 262,630	13,339	12,868	51	59	90 272	1 782,134	18 350,104	10,297	9,826
2	10	99 161	85 014,968	1 133 410,075	13,332	12,861	52	60	89 420	1 634,563	16 567,969	10,136	9,665
3	11	99 136	78 697,120	1 048 395,107	13,322	12,851	53	61	88 493	1 497,791	14 933,407	9,970	9,499
4	12	99 114	72 851,745	969 697,987	13,311	12,840	54	62	87 499	1 371,263	13 435,615	9,798	9,327
5	13	99 093	67 440,932	896 846,242	13,298	12,827	55	63	86 409	1 253,866	12 064,352	9,622	9,151
6	14	99 073	62 432,968	829 405,310	13,285	12,814	56	64	85 246	1 145,362	10 810,486	9,438	8,967
7	15	99 052	57 795,931	766 972,343	13,270	12,799	57	65	84 002	1 045,053	9 665,125	9,248	8,777
8	16	99 031	53 503,610	709 176,412	13,255	12,784	58	66	82 676	952,360	8 620,072	9,051	8,580
9	17	99 008	49 528,631	655 672,802	13,238	12,767	59	67	81 248	866,583	7 667,712	8,848	8,377
10	18	98 984	45 848,883	606 144,170	13,220	12,749	60	68	79 738	787,477	6 801,129	8,637	8,166
11	19	98 953	42 439,180	560 295,287	13,202	12,731	61	69	78 143	714,561	6 013,652	8,416	7,945
12	20	98 924	39 284,050	517 856,107	13,182	12,711	62	70	76 450	647,294	5 299,091	8,187	7,715
13	21	98 891	36 361,998	478 572,057	13,161	12,690	63	71	74 656	585,289	4 651,797	7,948	7,477
14	22	98 859	33 657,738	442 210,059	13,138	12,667	64	72	72 763	528,192	4 066,507	7,699	7,228
15	23	98 822	31 152,904	408 552,322	13,114	12,643	65	73	70 699	475,192	3 538,315	7,446	6,975
16	24	98 782	28 833,554	377 399,417	13,089	12,618	66	74	68 502	426,320	3 063,123	7,185	6,714
17	25	98 736	26 685,407	348 565,863	13,062	12,591	67	75	66 115	380,988	2 636,802	6,921	6,450
18	26	98 681	24 694,905	321 880,457	13,034	12,563	68	76	63 540	339,025	2 255,815	6,654	6,183
19	27	98 610	22 849,235	297 185,551	13,006	12,535	69	77	60 797	300,359	1 916,790	6,382	5,911
20	28	98 536	21 140,679	274 336,316	12,977	12,506	70	78	57 873	264,737	1 616,431	6,106	5,635
21	29	98 458	19 559,227	253 195,637	12,945	12,474	71	79	54 742	231,864	1 351,693	5,830	5,359
22	30	98 376	18 095,415	233 636,410	12,911	12,440	72	80	51 439	201,737	1 119,829	5,551	5,080
23	31	98 296	16 741,371	215 540,995	12,875	12,404	73	81	47 955	174,140	918,092	5,272	4,801
24	32	98 215	15 488,486	198 799,625	12,835	12,364	74	82	44 309	148,983	743,952	4,994	4,522
25	33	98 126	14 328,155	183 311,139	12,794	12,323	75	83	40 448	125,926	594,969	4,725	4,254
26	34	98 036	13 254,609	168 983,053	12,749	12,278	76	84	36 492	105,195	469,043	4,459	3,988
27	35	97 937	12 260,445	155 728,444	12,702	12,231	77	85	32 444	86,598	363,848	4,202	3,731
28	36	97 836	11 340,566	143 467,999	12,651	12,180	78	86	28 368	70,110	277,249	3,954	3,483
29	37	97 731	10 489,227	132 127,434	12,596	12,125	79	87	24 338	55,694	207,139	3,719	3,248
30	38	97 615	9 700,681	121 638,207	12,539	12,068	80	88	20 425	43,278	151,445	3,499	3,028
31	39	97 498	8 971,367	111 937,526	12,477	12,006	81	89	16 761	32,884	108,167	3,289	2,818
32	40	97 364	8 295,401	102 966,159	12,412	11,941	82	90	13 341	24,235	75,284	3,106	2,635
33	41	97 224	7 669,860	94 670,759	12,343	11,872	83	91	10 370	17,443	51,049	2,927	2,456
34	42	97 071	7 090,613	87 000,899	12,270	11,799	84	92	7 778	12,113	33,606	2,774	2,303
35	43	96 908	6 554,336	79 910,285	12,192	11,721	85	93	5 687	8,201	21,493	2,621	2,150
36	44	96 728	6 057,523	73 355,949	12,110	11,639	86	94	4 018	5,366	13,292	2,477	2,006
37	45	96 534	5 597,583	67 298,426	12,023	11,552	87	95	2 735	3,381	7,927	2,344	1,873
38	46	96 320	5 171,457	61 700,843	11,931	11,460	88	96	1 785	2,044	4,546	2,224	1,753
39	47	96 078	4 776,383	56 529,386	11,835	11,364	89	97	1 118	1,185	2,502	2,111	1,640
40	48	95 811	4 410,277	51 753,003	11,735	11,264	90	98	666	0,654	1,317	2,015	1,544
41	49	95 519	4 071,139	47 342,726	11,629	11,158	91	99	381	0,346	0,663	1,915	1,444
42	50	95 192	3 756,664	43 271,587	11,519	11,048	92	100	206	0,173	0,317	1,831	1,360
43	51	94 837	3 465,422	39 514,923	11,403	10,932							
44	52	94 436	3 195,165	36 049,501	11,283	10,811							
45	53	93 990	2 944,495	32 854,336	11,158	10,687							
46	54	93 499	2 712,166	29 909,841	11,028	10,557							
47	55	92 971	2 497,059	27 197,675	10,892	10,421							
48	56	92 374	2 297,249	24 700,616	10,752	10,281							
49	57	91 730	2 112,262	22 403,367	10,606	10,135							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß   8,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	9	99 586	99 585,940	1 324 246,157	13,298	12,826	50	59	90 634	1 932,436	20 027,293	10,364	9,893
1	10	99 194	91 846,219	1 224 660,217	13,334	12,863	51	60	89 846	1 773,719	18 094,857	10,202	9,731
2	11	99 154	85 008,935	1 132 813,998	13,326	12,855	52	61	88 939	1 625,753	16 321,138	10,039	9,568
3	12	99 128	78 690,827	1 047 805,063	13,315	12,844	53	62	87 985	1 489,184	14 695,384	9,868	9,397
4	13	99 106	72 845,880	969 114,237	13,304	12,833	54	63	86 947	1 362,614	13 206,200	9,692	9,221
5	14	99 084	67 434,891	896 268,357	13,291	12,820	55	64	85 827	1 245,418	11 843,587	9,510	9,039
6	15	99 063	62 426,201	828 833,466	13,277	12,806	56	65	84 619	1 136,944	10 598,169	9,322	8,851
7	16	99 040	57 788,661	766 407,265	13,262	12,791	57	66	83 346	1 036,891	9 461,225	9,125	8,654
8	17	99 016	53 495,378	708 618,604	13,246	12,775	58	67	81 969	944,213	8 424,334	8,922	8,451
9	18	98 992	49 520,683	655 123,227	13,229	12,758	59	68	80 506	858,669	7 480,121	8,711	8,240
10	19	98 962	45 838,411	605 602,544	13,212	12,741	60	69	78 963	779,830	6 621,452	8,491	8,020
11	20	98 932	42 430,415	559 764,133	13,193	12,721	61	70	77 313	706,971	5 841,622	8,263	7,792
12	21	98 902	39 275,329	517 333,718	13,172	12,701	62	71	75 562	639,783	5 134,651	8,026	7,555
13	22	98 870	36 354,388	478 058,389	13,150	12,679	63	72	73 695	577,753	4 494,868	7,780	7,309
14	23	98 837	33 650,187	441 704,001	13,126	12,655	64	73	71 710	520,545	3 917,115	7,525	7,054
15	24	98 800	31 145,783	408 053,814	13,101	12,630	65	74	69 549	467,465	3 396,570	7,266	6,795
16	25	98 762	28 827,726	376 908,031	13,074	12,603	66	75	67 227	418,387	2 929,105	7,001	6,530
17	26	98 715	26 679,536	348 080,305	13,047	12,576	67	76	64 697	372,812	2 510,717	6,735	6,263
18	27	98 658	24 689,061	321 400,769	13,018	12,547	68	77	61 984	330,721	2 137,905	6,464	5,993
19	28	98 584	22 843,097	296 711,708	12,989	12,518	69	78	59 111	292,032	1 807,184	6,188	5,717
20	29	98 511	21 135,333	273 868,611	12,958	12,487	70	79	56 017	256,248	1 515,152	5,913	5,442
21	30	98 430	19 553,615	252 733,278	12,925	12,454	71	80	52 755	223,446	1 258,904	5,634	5,163
22	31	98 349	18 090,293	233 179,663	12,890	12,419	72	81	49 291	193,312	1 035,458	5,356	4,885
23	32	98 267	16 736,314	215 089,370	12,852	12,381	73	82	45 673	165,853	842,146	5,078	4,607
24	33	98 180	15 482,996	198 353,055	12,811	12,340	74	83	41 866	140,768	676,294	4,804	4,333
25	34	98 090	14 322,846	182 870,059	12,768	12,297	75	84	37 911	118,029	535,526	4,537	4,066
26	35	97 994	13 248,979	168 547,213	12,722	12,250	76	85	33 853	97,588	417,497	4,278	3,807
27	36	97 898	12 255,568	155 298,234	12,672	12,201	77	86	29 759	79,432	319,909	4,027	3,556
28	37	97 790	11 335,177	143 042,666	12,619	12,148	78	87	25 695	63,504	240,477	3,787	3,316
29	38	97 679	10 483,629	131 707,489	12,563	12,092	79	88	21 702	49,663	176,973	3,563	3,092
30	39	97 560	9 695,280	121 223,860	12,503	12,032	80	89	17 927	37,986	127,310	3,352	2,881
31	40	97 433	8 965,432	111 528,580	12,440	11,969	81	90	14 389	28,230	89,325	3,164	2,693
32	41	97 295	8 289,542	102 563,148	12,373	11,902	82	91	11 276	20,483	61,095	2,983	2,512
33	42	97 146	7 663,712	94 273,606	12,301	11,830	83	92	8 527	14,343	40,611	2,831	2,360
34	43	96 985	7 084,302	86 609,894	12,226	11,755	84	93	6 306	9,821	26,268	2,675	2,204
35	44	96 809	6 547,625	79 525,591	12,146	11,675	85	94	4 508	6,501	16,447	2,530	2,059
36	45	96 619	6 050,720	72 977,967	12,061	11,590	86	95	3 111	4,154	9,946	2,394	1,923
37	46	96 411	5 590,479	66 927,247	11,972	11,501	87	96	2 065	2,552	5,792	2,269	1,798
38	47	96 184	5 164,170	61 336,768	11,877	11,406	88	97	1 313	1,503	3,240	2,156	1,685
39	48	95 921	4 768,573	56 172,598	11,780	11,309	89	98	800	0,848	1,737	2,049	1,578
40	49	95 642	4 402,477	51 404,025	11,676	11,205	90	99	463	0,454	0,889	1,959	1,488
41	50	95 322	4 062,762	47 001,548	11,569	11,098	91	100	257	0,234	0,435	1,864	1,393
42	51	94 982	3 748,389	42 938,786	11,455	10,984							
43	52	94 605	3 456,943	39 190,398	11,337	10,866							
44	53	94 177	3 186,393	35 733,455	11,214	10,743							
45	54	93 707	2 935,642	32 547,062	11,087	10,616							
46	55	93 201	2 703,511	29 611,420	10,953	10,482							
47	56	92 641	2 488,212	26 907,909	10,814	10,343							
48	57	92 025	2 288,583	24 419,697	10,670	10,199							
49	58	91 363	2 103,820	22 131,114	10,519	10,048							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß   8,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	10	99 579	99 579,070	1 323 588,356	13,292	12,821	50	60	90 206	1 923,311	19 744,788	10,266	9,795
1	11	99 187	91 839,701	1 224 009,286	13,328	12,857	51	61	89 361	1 764,160	17 821,477	10,102	9,631
2	12	99 146	85 002,137	1 132 169,585	13,319	12,848	52	62	88 427	1 616,411	16 057,317	9,934	9,463
3	13	99 120	78 684,492	1 047 167,449	13,308	12,837	53	63	87 430	1 479,791	14 440,906	9,759	9,288
4	14	99 097	72 839,355	968 482,957	13,296	12,825	54	64	86 361	1 353,433	12 961,116	9,576	9,105
5	15	99 073	67 427,582	895 643,602	13,283	12,812	55	65	85 196	1 236,264	11 607,683	9,389	8,918
6	16	99 050	62 418,348	828 216,020	13,269	12,798	56	66	83 958	1 128,065	10 371,418	9,194	8,723
7	17	99 024	57 779,768	765 797,672	13,254	12,783	57	67	82 633	1 028,021	9 243,354	8,991	8,520
8	18	99 000	53 486,793	708 017,903	13,237	12,766	58	68	81 220	935,590	8 215,333	8,781	8,310
9	19	98 969	49 509,372	654 531,110	13,220	12,749	59	69	79 724	850,331	7 279,742	8,561	8,090
10	20	98 941	45 828,944	605 021,738	13,202	12,731	60	70	78 125	771,547	6 429,411	8,333	7,862
11	21	98 910	42 420,996	559 192,795	13,182	12,711	61	71	76 416	698,767	5 657,864	8,097	7,626
12	22	98 881	39 267,109	516 771,799	13,160	12,689	62	72	74 589	631,544	4 959,097	7,852	7,381
13	23	98 848	36 346,233	477 504,690	13,138	12,667	63	73	72 628	569,388	4 327,553	7,600	7,129
14	24	98 815	33 642,495	441 158,457	13,113	12,642	64	74	70 544	512,081	3 758,165	7,339	6,868
15	25	98 780	31 139,487	407 515,962	13,087	12,616	65	75	68 255	458,767	3 246,085	7,076	6,605
16	26	98 740	28 821,384	376 376,475	13,059	12,588	66	76	65 785	409,410	2 787,318	6,808	6,337
17	27	98 691	26 673,222	347 555,090	13,030	12,559	67	77	63 112	363,681	2 377,908	6,538	6,067
18	28	98 631	24 682,428	320 881,868	13,000	12,529	68	78	60 265	321,552	2 014,227	6,264	5,793
19	29	98 559	22 837,320	296 199,440	12,970	12,499	69	79	57 216	282,667	1 692,675	5,988	5,517
20	30	98 483	21 129,269	273 362,120	12,938	12,467	70	80	53 984	246,944	1 410,007	5,710	5,239
21	31	98 402	19 548,081	252 232,850	12,903	12,432	71	81	50 551	214,114	1 163,063	5,432	4,961
22	32	98 319	18 084,830	232 684,770	12,866	12,395	72	82	46 945	184,112	948,949	5,154	4,683
23	33	98 232	16 730,382	214 599,940	12,827	12,356	73	83	43 154	156,707	764,837	4,881	4,410
24	34	98 145	15 477,335	197 869,558	12,784	12,313	74	84	39 240	131,940	608,131	4,609	4,138
25	35	98 048	14 316,762	182 392,224	12,740	12,269	75	85	35 170	109,494	476,191	4,349	3,878
26	36	97 955	13 243,709	168 075,461	12,691	12,220	76	86	31 052	89,512	366,697	4,097	3,626
27	37	97 852	12 249,744	154 831,753	12,640	12,169	77	87	26 955	71,948	277,185	3,853	3,382
28	38	97 738	11 329,127	142 582,008	12,585	12,114	78	88	22 913	56,627	205,238	3,624	3,153
29	39	97 624	10 477,793	131 252,881	12,527	12,056	79	89	19 049	43,590	148,611	3,409	2,938
30	40	97 496	9 688,866	120 775,088	12,465	11,994	80	90	15 390	32,610	105,021	3,221	2,749
31	41	97 365	8 959,100	111 086,222	12,399	11,928	81	91	12 162	23,860	72,411	3,035	2,564
32	42	97 217	8 282,898	102 127,122	12,330	11,859	82	92	9 272	16,844	48,550	2,882	2,411
33	43	97 059	7 656,891	93 844,224	12,256	11,785	83	93	6 914	11,629	31,707	2,726	2,255
34	44	96 886	7 077,048	86 187,333	12,178	11,707	84	94	4 999	7,786	20,078	2,579	2,108
35	45	96 700	6 540,271	79 110,284	12,096	11,625	85	95	3 490	5,033	12,292	2,442	1,971
36	46	96 496	6 043,040	72 570,014	12,009	11,538	86	96	2 348	3,136	7,259	2,315	1,844
37	47	96 275	5 582,601	66 526,974	11,917	11,446	87	97	1 518	1,877	4,124	2,197	1,726
38	48	96 027	5 155,726	60 944,373	11,821	11,350	88	98	939	1,075	2,247	2,090	1,619
39	49	95 752	4 760,140	55 788,647	11,720	11,249	89	99	556	0,589	1,172	1,990	1,519
40	50	95 445	4 393,419	51 028,507	11,615	11,144	90	100	312	0,306	0,583	1,905	1,434
41	51	95 112	4 053,811	46 635,088	11,504	11,033							
42	52	94 750	3 739,217	42 581,276	11,388	10,917							
43	53	94 345	3 447,452	38 842,059	11,267	10,796							
44	54	93 894	3 176,813	35 394,607	11,142	10,671							
45	55	93 408	2 926,274	32 217,794	11,010	10,539							
46	56	92 871	2 693,932	29 291,520	10,873	10,402							
47	57	92 292	2 478,826	26 597,588	10,730	10,259							
48	58	91 657	2 279,437	24 118,763	10,581	10,110							
49	59	90 960	2 094,538	21 839,326	10,427	9,956							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß   8,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	11	99 572	99 572,003	1 322 877,998	13,286	12,815	50	61	89 720	1 912,946	19 442,572	10,164	9,693
1	12	99 179	91 832,356	1 223 305,996	13,321	12,850	51	62	88 848	1 754,022	17 529,626	9,994	9,523
2	13	99 139	84 995,294	1 131 473,639	13,312	12,841	52	63	87 870	1 606,215	15 775,604	9,822	9,351
3	14	99 111	78 677,444	1 046 478,345	13,301	12,830	53	64	86 841	1 469,820	14 169,389	9,640	9,169
4	15	99 086	72 831,460	967 800,901	13,288	12,817	54	65	85 727	1 343,486	12 699,569	9,453	8,982
5	16	99 061	67 419,100	894 969,441	13,275	12,804	55	66	84 530	1 226,609	11 356,083	9,258	8,787
6	17	99 035	62 408,744	827 550,341	13,260	12,789	56	67	83 240	1 118,415	10 129,474	9,057	8,586
7	18	99 008	57 770,496	765 141,597	13,245	12,773	57	68	81 879	1 018,633	9 011,059	8,846	8,375
8	19	98 978	53 474,576	707 371,101	13,228	12,757	58	69	80 431	926,505	7 992,426	8,626	8,155
9	20	98 949	49 499,146	653 896,525	13,210	12,739	59	70	78 877	841,299	7 065,921	8,399	7,928
10	21	98 919	45 818,770	604 397,378	13,191	12,720	60	71	77 218	762,593	6 224,621	8,162	7,691
11	22	98 890	42 412,117	558 578,608	13,170	12,699	61	72	75 431	689,769	5 462,028	7,919	7,448
12	23	98 859	39 258,300	516 166,491	13,148	12,677	62	73	73 509	622,401	4 772,259	7,668	7,196
13	24	98 825	36 337,925	476 908,191	13,124	12,653	63	74	71 447	560,129	4 149,859	7,409	6,938
14	25	98 795	33 635,695	440 570,266	13,098	12,627	64	75	69 231	502,552	3 589,729	7,143	6,672
15	26	98 758	31 132,637	406 934,571	13,071	12,600	65	76	66 791	448,923	3 087,177	6,877	6,406
16	27	98 717	28 814,563	375 801,934	13,042	12,571	66	77	64 174	399,382	2 638,255	6,606	6,135
17	28	98 665	26 666,057	346 987,371	13,012	12,541	67	78	61 362	353,599	2 238,873	6,332	5,861
18	29	98 607	24 676,187	320 321,314	12,981	12,510	68	79	58 333	311,241	1 885,274	6,057	5,586
19	30	98 531	22 830,768	295 645,128	12,949	12,478	69	80	55 138	272,405	1 574,034	5,778	5,307
20	31	98 455	21 123,289	272 814,360	12,915	12,444	70	81	51 729	236,631	1 301,629	5,501	5,030
21	32	98 372	19 542,177	251 691,071	12,879	12,408	71	82	48 145	203,924	1 064,998	5,223	4,751
22	33	98 284	18 078,419	232 148,894	12,841	12,370	72	83	44 357	173,959	861,074	4,950	4,479
23	34	98 196	16 724,265	214 070,475	12,800	12,329	73	84	40 448	146,879	687,115	4,678	4,207
24	35	98 103	15 470,760	197 346,211	12,756	12,285	74	85	36 403	122,399	540,235	4,414	3,943
25	36	98 009	14 311,068	181 875,450	12,709	12,238	75	86	32 259	100,433	417,837	4,160	3,689
26	37	97 909	13 237,415	167 564,383	12,658	12,187	76	87	28 126	81,078	317,404	3,915	3,444
27	38	97 799	12 243,207	154 326,967	12,605	12,134	77	88	24 036	64,156	236,327	3,684	3,213
28	39	97 683	11 322,820	142 083,761	12,548	12,077	78	89	20 111	49,702	172,170	3,464	2,993
29	40	97 560	10 470,861	130 760,940	12,488	12,017	79	90	16 353	37,421	122,468	3,273	2,802
30	41	97 427	9 682,024	120 290,079	12,424	11,953	80	91	13 008	27,562	85,047	3,086	2,615
31	42	97 287	8 951,920	110 608,056	12,356	11,885	81	92	10 001	19,621	57,485	2,930	2,459
32	43	97 131	8 275,526	101 656,136	12,284	11,813	82	93	7 518	13,656	37,864	2,773	2,302
33	44	96 960	7 649,051	93 380,611	12,208	11,737	83	94	5 481	9,219	24,208	2,626	2,155
34	45	96 777	7 069,100	85 731,560	12,128	11,657	84	95	3 870	6,027	14,989	2,487	2,016
35	46	96 577	6 531,970	78 662,460	12,043	11,572	85	96	2 635	3,799	8,962	2,359	1,888
36	47	96 360	6 034,524	72 130,490	11,953	11,482	86	97	1 727	2,306	5,162	2,239	1,768
37	48	96 118	5 573,473	66 095,966	11,859	11,388	87	98	1 086	1,342	2,857	2,128	1,657
38	49	95 857	5 146,609	60 522,493	11,760	11,289	88	99	652	0,747	1,514	2,028	1,557
39	50	95 555	4 750,346	55 375,884	11,657	11,186	89	100	375	0,397	0,767	1,933	1,462
40	51	95 235	4 383,740	50 625,539	11,548	11,077							
41	52	94 880	4 043,893	46 241,799	11,435	10,964							
42	53	94 490	3 728,951	42 197,906	11,316	10,845							
43	54	94 062	3 437,087	38 468,955	11,192	10,721							
44	55	93 594	3 166,675	35 031,868	11,063	10,592							
45	56	93 077	2 915,905	31 865,192	10,928	10,457							
46	57	92 521	2 683,770	28 949,287	10,787	10,316							
47	58	91 923	2 468,919	26 265,517	10,638	10,167							
48	59	91 253	2 269,379	23 796,598	10,486	10,015							
49	60	90 531	2 084,647	21 527,219	10,327	9,856							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß   8,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$
0	12	99 564	99 564,040	1 322 110,950	13,279	12,808	50	62	89 205	1 901,953	19 120,301	10,053	9,582
1	13	99 171	91 824,964	1 222 546,910	13,314	12,843	51	63	88 287	1 742,958	17 218,348	9,879	9,408
2	14	99 130	84 987,681	1 130 721,946	13,305	12,833	52	64	87 278	1 595,392	15 475,390	9,700	9,229
3	15	99 100	78 668,916	1 045 734,265	13,293	12,822	53	65	86 202	1 459,018	13 879,998	9,513	9,042
4	16	99 074	72 822,298	967 065,349	13,280	12,809	54	66	85 057	1 332,993	12 420,980	9,318	8,847
5	17	99 046	67 408,726	894 243,050	13,266	12,795	55	67	83 807	1 216,117	11 087,987	9,118	8,646
6	18	99 019	62 398,729	826 834,325	13,251	12,780	56	68	82 480	1 108,201	9 871,870	8,908	8,437
7	19	98 986	57 757,301	764 435,596	13,235	12,764	57	69	81 084	1 008,741	8 763,669	8,688	8,217
8	20	98 957	53 463,532	706 678,295	13,218	12,747	58	70	79 577	916,664	7 754,927	8,460	7,989
9	21	98 927	49 488,158	653 214,763	13,199	12,728	59	71	77 962	831,536	6 838,263	8,224	7,753
10	22	98 899	45 809,181	603 726,605	13,179	12,708	60	72	76 224	752,773	6 006,727	7,979	7,508
11	23	98 868	42 402,603	557 917,424	13,158	12,687	61	73	74 339	679,783	5 253,954	7,729	7,258
12	24	98 836	39 249,326	515 514,821	13,134	12,663	62	74	72 314	612,280	4 574,171	7,471	7,000
13	25	98 806	36 330,579	476 265,495	13,109	12,638	63	75	70 118	549,706	3 961,891	7,207	6,736
14	26	98 773	33 628,296	439 934,916	13,082	12,611	64	76	67 746	491,768	3 412,185	6,939	6,468
15	27	98 735	31 125,269	406 306,620	13,054	12,583	65	77	65 155	437,927	2 920,416	6,669	6,198
16	28	98 691	28 806,822	375 181,350	13,024	12,553	66	78	62 394	388,310	2 482,489	6,393	5,922
17	29	98 640	26 659,314	346 374,528	12,993	12,522	67	79	59 395	342,259	2 094,179	6,119	5,648
18	30	98 578	24 669,107	319 715,215	12,960	12,489	68	80	56 215	299,941	1 751,920	5,841	5,370
19	31	98 503	22 824,306	295 046,108	12,927	12,456	69	81	52 835	261,028	1 451,979	5,563	5,092
20	32	98 425	21 116,909	272 221,802	12,891	12,420	70	82	49 267	225,369	1 190,952	5,284	4,813
21	33	98 337	19 535,249	251 104,893	12,854	12,383	71	83	45 491	192,679	965,582	5,011	4,540
22	34	98 248	18 071,809	231 569,644	12,814	12,343	72	84	41 575	163,050	772,904	4,740	4,269
23	35	98 154	16 717,161	213 497,835	12,771	12,300	73	85	37 523	136,258	609,854	4,476	4,005
24	36	98 064	15 464,607	196 780,674	12,725	12,254	74	86	33 390	112,270	473,596	4,218	3,747
25	37	97 962	14 304,267	181 316,067	12,676	12,205	75	87	29 220	90,970	361,327	3,972	3,501
26	38	97 856	13 230,351	167 011,800	12,623	12,152	76	88	25 080	72,298	270,357	3,739	3,268
27	39	97 745	12 236,391	153 781,450	12,568	12,097	77	89	21 097	56,311	198,059	3,517	3,046
28	40	97 619	11 315,329	141 545,059	12,509	12,038	78	90	17 265	42,669	141,749	3,322	2,851
29	41	97 491	10 463,466	130 229,729	12,446	11,975	79	91	13 822	31,629	99,080	3,133	2,662
30	42	97 349	9 674,264	119 766,263	12,380	11,909	80	92	10 697	22,665	67,451	2,976	2,505
31	43	97 200	8 943,952	110 092,000	12,309	11,838	81	93	8 108	15,908	44,787	2,815	2,344
32	44	97 031	8 267,052	101 148,048	12,235	11,764	82	94	5 960	10,826	28,879	2,668	2,196
33	45	96 851	7 640,460	92 880,996	12,156	11,685	83	95	4 243	7,137	18,053	2,530	2,059
34	46	96 654	7 060,127	85 240,536	12,074	11,602	84	96	2 922	4,550	10,916	2,399	1,928
35	47	96 441	6 522,766	78 180,409	11,986	11,515	85	97	1 937	2,794	6,366	2,279	1,808
36	48	96 203	6 024,657	71 657,643	11,894	11,423	86	98	1 235	1,649	3,572	2,166	1,695
37	49	95 948	5 563,616	65 632,986	11,797	11,326	87	99	754	0,933	1,923	2,062	1,591
38	50	95 660	5 136,019	60 069,370	11,696	11,225	88	100	440	0,503	0,991	1,968	1,497
39	51	95 344	4 739,881	54 933,351	11,590	11,119							
40	52	95 002	4 373,014	50 193,470	11,478	11,007							
41	53	94 619	4 032,791	45 820,457	11,362	10,891							
42	54	94 206	3 717,740	41 787,666	11,240	10,769							
43	55	93 761	3 426,119	38 069,926	11,112	10,641							
44	56	93 263	3 155,455	34 643,807	10,979	10,508							
45	57	92 726	2 904,906	31 488,352	10,840	10,369							
46	58	92 151	2 673,044	28 583,446	10,693	10,222							
47	59	91 517	2 458,025	25 910,402	10,541	10,070							
48	60	90 822	2 258,663	23 452,377	10,383	9,912							
49	61	90 043	2 073,412	21 193,713	10,222	9,751							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß   8,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	13	99 556	99 556,026	1 321 283,520	13,272	12,801	50	63	88 642	1 889,956	18 776,963	9,935	9,464
1	14	99 162	91 816,739	1 221 727,495	13,306	12,835	51	64	87 692	1 731,214	16 887,007	9,754	9,283
2	15	99 119	84 978,469	1 129 910,756	13,296	12,825	52	65	86 636	1 583,667	15 155,793	9,570	9,099
3	16	99 088	78 659,021	1 044 932,287	13,284	12,813	53	66	85 529	1 447,623	13 572,126	9,375	8,904
4	17	99 059	72 811,093	966 273,267	13,271	12,800	54	67	84 330	1 321,590	12 124,503	9,174	8,703
5	18	99 030	67 397,909	893 462,174	13,257	12,785	55	68	83 042	1 205,011	10 802,912	8,965	8,494
6	19	98 996	62 384,476	826 064,265	13,242	12,770	56	69	81 679	1 097,440	9 597,902	8,746	8,275
7	20	98 965	57 745,372	763 679,788	13,225	12,754	57	70	80 223	998,027	8 500,462	8,517	8,046
8	21	98 935	53 451,663	705 934,417	13,207	12,736	58	71	78 654	906,027	7 502,435	8,281	7,810
9	22	98 906	49 477,801	652 482,754	13,187	12,716	59	72	76 958	820,828	6 596,408	8,036	7,565
10	23	98 876	45 798,904	603 004,953	13,166	12,695	60	73	75 120	741,875	5 775,580	7,785	7,314
11	24	98 845	42 392,911	557 206,049	13,144	12,673	61	74	73 131	668,729	5 033,705	7,527	7,056
12	25	98 817	39 241,393	514 813,138	13,119	12,648	62	75	70 968	600,887	4 364,977	7,264	6,793
13	26	98 784	36 322,587	475 571,745	13,093	12,622	63	76	68 613	537,911	3 764,090	6,998	6,527
14	27	98 749	33 620,337	439 249,158	13,065	12,594	64	77	66 086	479,724	3 226,179	6,725	6,254
15	28	98 708	31 116,908	405 628,821	13,036	12,565	65	78	63 348	425,786	2 746,455	6,450	5,979
16	29	98 666	28 799,538	374 511,913	13,004	12,533	66	79	60 394	375,857	2 320,669	6,174	5,703
17	30	98 612	26 651,664	345 712,375	12,972	12,500	67	80	57 238	329,833	1 944,812	5,896	5,425
18	31	98 550	24 662,125	319 060,711	12,937	12,466	68	81	53 867	287,413	1 614,978	5,619	5,148
19	32	98 473	22 817,412	294 398,587	12,902	12,431	69	82	50 321	248,605	1 327,565	5,340	4,869
20	33	98 390	21 109,424	271 581,174	12,865	12,394	70	83	46 550	212,941	1 078,960	5,067	4,596
21	34	98 301	19 528,107	250 471,750	12,826	12,355	71	84	42 638	180,596	866,018	4,795	4,324
22	35	98 206	18 064,132	230 943,644	12,785	12,314	72	85	38 568	151,259	685,423	4,531	4,060
23	36	98 115	16 710,511	212 879,511	12,739	12,268	73	86	34 418	124,982	534,164	4,274	3,803
24	37	98 017	15 457,258	196 169,000	12,691	12,220	74	87	30 244	101,941	409,182	4,024	3,553
25	38	97 910	14 296,633	180 711,742	12,640	12,169	75	88	26 056	81,118	307,491	3,791	3,320
26	39	97 802	13 222,985	166 415,109	12,585	12,114	76	89	22 013	63,457	226,373	3,567	3,096
27	40	97 680	12 228,296	153 192,124	12,528	12,057	77	90	18 111	48,342	162,916	3,370	2,899
28	41	97 550	11 307,338	140 963,828	12,467	11,996	78	91	14 592	36,064	114,574	3,177	2,706
29	42	97 413	10 455,080	129 656,490	12,401	11,930	79	92	11 366	26,009	78,510	3,019	2,548
30	43	97 262	9 665,653	119 201,410	12,332	11,861	80	93	8 673	18,376	52,502	2,857	2,386
31	44	97 100	8 934,793	109 535,758	12,259	11,788	81	94	6 428	12,611	34,126	2,706	2,235
32	45	96 922	8 257,767	100 600,964	12,183	11,712	82	95	4 613	8,381	21,515	2,567	2,096
33	46	96 728	7 630,762	92 343,197	12,101	11,630	83	96	3 203	5,388	13,134	2,438	1,967
34	47	96 518	7 050,179	84 712,435	12,016	11,545	84	97	2 148	3,346	7,747	2,315	1,844
35	48	96 284	6 512,100	77 662,256	11,926	11,455	85	98	1 386	1,998	4,401	2,203	1,731
36	49	96 033	6 014,003	71 150,156	11,831	11,360	86	99	858	1,146	2,403	2,097	1,626
37	50	95 751	5 552,168	65 136,153	11,732	11,261	87	100	509	0,629	1,257	1,999	1,528
38	51	95 449	5 124,704	59 583,984	11,627	11,156							
39	52	95 111	4 728,283	54 459,280	11,518	11,047							
40	53	94 741	4 361,008	49 730,997	11,404	10,933							
41	54	94 335	4 020,666	45 369,989	11,284	10,813							
42	55	93 905	3 705,876	41 349,323	11,158	10,687							
43	56	93 429	3 413,980	37 643,447	11,026	10,555							
44	57	92 911	3 143,552	34 229,468	10,889	10,418							
45	58	92 355	2 893,296	31 085,915	10,744	10,273							
46	59	91 744	2 661,250	28 192,619	10,594	10,123							
47	60	91 085	2 446,418	25 531,369	10,436	9,965							
48	61	90 333	2 246,490	23 084,951	10,276	9,805							
49	62	89 525	2 061,497	20 838,461	10,108	9,637							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß   8,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä_{xy}^{(12)}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä_{xy}^{(12)}$
0	14	99 547	99 547,108	1 320 390,824	13,264	12,793	50	64	88 045	1 877,222	18 411,890	9,808	9,337
1	15	99 151	91 806,787	1 220 843,717	13,298	12,827	51	65	87 048	1 718,491	16 534,669	9,622	9,151
2	16	99 106	84 967,779	1 129 036,930	13,288	12,817	52	66	85 960	1 571,299	14 816,178	9,429	8,958
3	17	99 072	78 646,917	1 044 069,150	13,275	12,804	53	67	84 798	1 435,240	13 244,879	9,228	8,757
4	18	99 043	72 799,409	965 422,233	13,261	12,790	54	68	83 559	1 309,521	11 809,639	9,018	8,547
5	19	99 007	67 382,514	892 622,824	13,247	12,776	55	69	82 236	1 193,309	10 500,118	8,799	8,328
6	20	98 976	62 371,592	825 240,310	13,231	12,760	56	70	80 812	1 085,784	9 306,808	8,572	8,100
7	21	98 943	57 732,553	762 868,719	13,214	12,743	57	71	79 292	986,445	8 221,025	8,334	7,863
8	22	98 915	53 440,476	705 136,166	13,195	12,724	58	72	77 641	894,360	7 234,580	8,089	7,618
9	23	98 884	49 466,701	651 695,689	13,174	12,703	59	73	75 844	808,945	6 340,220	7,838	7,367
10	24	98 854	45 788,435	602 228,988	13,152	12,681	60	74	73 899	729,811	5 531,276	7,579	7,108
11	25	98 825	42 384,341	556 440,553	13,128	12,657	61	75	71 770	656,285	4 801,465	7,316	6,845
12	26	98 795	39 232,760	514 056,211	13,103	12,632	62	76	69 446	587,993	4 145,180	7,050	6,579
13	27	98 760	36 313,991	474 823,451	13,075	12,604	63	77	66 933	524,736	3 557,187	6,779	6,308
14	28	98 723	33 611,305	438 509,460	13,046	12,575	64	78	64 254	466,424	3 032,451	6,501	6,030
15	29	98 683	31 109,039	404 898,155	13,015	12,544	65	79	61 317	412,132	2 566,027	6,226	5,755
16	30	98 637	28 791,275	373 789,116	12,983	12,512	66	80	58 201	362,211	2 153,895	5,947	5,475
17	31	98 584	26 644,121	344 997,841	12,948	12,477	67	81	54 848	316,058	1 791,683	5,669	5,198
18	32	98 521	24 654,676	318 353,720	12,913	12,441	68	82	51 303	273,735	1 475,626	5,391	4,920
19	33	98 438	22 809,324	293 699,044	12,876	12,405	69	83	47 546	234,896	1 201,890	5,117	4,646
20	34	98 354	21 101,705	270 889,720	12,837	12,366	70	84	43 631	199,588	966,994	4,845	4,374
21	35	98 259	19 519,812	249 788,014	12,797	12,326	71	85	39 554	167,536	767,407	4,581	4,110
22	36	98 167	18 056,947	230 268,203	12,752	12,281	72	86	35 377	138,741	599,871	4,324	3,853
23	37	98 069	16 702,570	212 211,255	12,705	12,234	73	87	31 175	113,206	461,129	4,073	3,602
24	38	97 965	15 449,008	195 508,685	12,655	12,184	74	88	26 969	90,679	347,924	3,837	3,366
25	39	97 856	14 288,674	180 059,677	12,602	12,131	75	89	22 869	71,199	257,245	3,613	3,142
26	40	97 737	13 214,237	165 771,003	12,545	12,074	76	90	18 898	54,476	186,046	3,415	2,944
27	41	97 611	12 219,660	152 556,765	12,485	12,013	77	91	15 308	40,859	131,570	3,220	2,749
28	42	97 471	11 298,276	140 337,106	12,421	11,950	78	92	11 999	29,656	90,711	3,059	2,588
29	43	97 326	10 445,774	129 038,830	12,353	11,882	79	93	9 215	21,087	61,055	2,895	2,424
30	44	97 163	9 655,756	118 593,056	12,282	11,811	80	94	6 875	14,567	39,968	2,744	2,273
31	45	96 991	8 924,758	108 937,301	12,206	11,735	81	95	4 976	9,762	25,401	2,602	2,131
32	46	96 799	8 247,286	100 012,542	12,127	11,656	82	96	3 483	6,327	15,639	2,472	2,001
33	47	96 592	7 620,010	91 765,256	12,043	11,572	83	97	2 355	3,962	9,312	2,350	1,879
34	48	96 360	7 038,651	84 145,247	11,955	11,484	84	98	1 536	2,393	5,350	2,236	1,765
35	49	96 113	6 500,584	77 106,596	11,861	11,390	85	99	963	1,388	2,957	2,130	1,659
36	50	95 835	6 001,628	70 606,012	11,764	11,293	86	100	578	0,772	1,569	2,031	1,560
37	51	95 540	5 539,937	64 604,383	11,662	11,191							
38	52	95 215	5 112,165	59 064,446	11,554	11,083							
39	53	94 850	4 715,302	53 952,282	11,442	10,971							
40	54	94 456	4 347,897	49 236,979	11,324	10,853							
41	55	94 034	4 007,835	44 889,083	11,200	10,729							
42	56	93 572	3 692,746	40 881,248	11,071	10,600							
43	57	93 077	3 401,101	37 188,502	10,934	10,463							
44	58	92 539	3 130,989	33 787,401	10,791	10,320							
45	59	91 948	2 880,530	30 656,412	10,643	10,172							
46	60	91 311	2 648,683	27 775,882	10,487	10,016							
47	61	90 594	2 433,234	25 127,198	10,327	9,856							
48	62	89 814	2 233,581	22 693,965	10,160	9,689							
49	63	88 961	2 048,494	20 460,384	9,988	9,517							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß   8,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	15	99 536	99 536,318	1 319 428,516	13,256	12,785	50	65	87 398	1 863,425	18 024,088	9,673	9,202
1	16	99 139	91 795,238	1 219 892,198	13,289	12,818	51	66	86 368	1 705,070	16 160,663	9,478	9,007
2	17	99 091	84 954,705	1 128 096,959	13,279	12,808	52	67	85 224	1 557,858	14 455,593	9,279	8,808
3	18	99 057	78 634,296	1 043 142,254	13,266	12,795	53	68	84 023	1 422,133	12 897,735	9,069	8,598
4	19	99 020	72 782,781	964 507,958	13,252	12,781	54	69	82 748	1 296,805	11 475,602	8,849	8,378
5	20	98 987	67 368,597	891 725,177	13,237	12,765	55	70	81 362	1 180,635	10 178,797	8,621	8,150
6	21	98 954	62 357,746	824 356,580	13,220	12,749	56	71	79 874	1 073,183	8 998,163	8,385	7,914
7	22	98 923	57 720,470	761 998,834	13,202	12,730	57	72	78 271	973,742	7 924,980	8,139	7,668
8	23	98 892	53 428,488	704 278,364	13,182	12,711	58	73	76 517	881,411	6 951,237	7,886	7,415
9	24	98 862	49 455,394	650 849,876	13,160	12,689	59	74	74 611	795,790	6 069,826	7,627	7,156
10	25	98 834	45 779,180	601 394,482	13,137	12,666	60	75	72 523	716,231	5 274,036	7,364	6,893
11	26	98 803	42 375,018	555 615,302	13,112	12,641	61	76	70 230	642,203	4 557,805	7,097	6,626
12	27	98 771	39 223,475	513 240,284	13,085	12,614	62	77	67 745	573,591	3 915,602	6,826	6,355
13	28	98 734	36 304,235	474 016,809	13,057	12,586	63	78	65 077	510,188	3 342,011	6,551	6,079
14	29	98 698	33 602,806	437 712,574	13,026	12,555	64	79	62 194	451,466	2 831,822	6,272	5,801
15	30	98 655	31 100,113	404 109,768	12,994	12,523	65	80	59 091	397,169	2 380,356	5,993	5,522
16	31	98 609	28 783,126	373 009,655	12,959	12,488	66	81	55 770	347,083	1 983,187	5,714	5,243
17	32	98 554	26 636,074	344 226,529	12,923	12,452	67	82	52 237	301,016	1 636,103	5,435	4,964
18	33	98 486	24 645,937	317 590,455	12,886	12,415	68	83	48 474	258,640	1 335,082	5,162	4,691
19	34	98 402	22 800,984	292 944,519	12,848	12,377	69	84	44 564	220,165	1 076,446	4,889	4,418
20	35	98 312	21 092,742	270 143,534	12,807	12,336	70	85	40 476	185,154	856,281	4,625	4,154
21	36	98 220	19 512,047	249 050,792	12,764	12,293	71	86	36 281	153,671	671,127	4,367	3,896
22	37	98 121	18 048,366	229 538,745	12,718	12,247	72	87	32 043	125,669	517,455	4,118	3,647
23	38	98 016	16 693,656	211 490,378	12,669	12,198	73	88	27 799	100,946	391,787	3,881	3,410
24	39	97 910	15 440,408	194 796,722	12,616	12,145	74	89	23 671	79,590	290,840	3,654	3,183
25	40	97 791	14 279,221	179 356,314	12,561	12,090	75	90	19 633	61,123	211,250	3,456	2,985
26	41	97 668	13 204,905	165 077,093	12,501	12,030	76	91	15 973	46,044	150,127	3,261	2,789
27	42	97 533	12 209,866	151 872,188	12,438	11,967	77	92	12 588	33,599	104,084	3,098	2,627
28	43	97 385	11 288,219	139 662,322	12,372	11,901	78	93	9 729	24,044	70,485	2,931	2,460
29	44	97 226	10 435,078	128 374,103	12,302	11,831	79	94	7 305	16,717	46,441	2,778	2,307
30	45	97 053	9 644,911	117 939,025	12,228	11,757	80	95	5 322	11,277	29,724	2,636	2,165
31	46	96 868	8 913,431	108 294,114	12,150	11,678	81	96	3 757	7,370	18,447	2,503	2,032
32	47	96 663	8 235,665	99 380,684	12,067	11,596	82	97	2 561	4,652	11,077	2,381	1,910
33	48	96 434	7 607,550	91 145,019	11,981	11,510	83	98	1 685	2,833	6,425	2,268	1,797
34	49	96 190	7 026,204	83 537,469	11,889	11,418	84	99	1 068	1,663	3,592	2,160	1,689
35	50	95 916	6 487,208	76 511,265	11,794	11,323	85	100	649	0,936	1,929	2,061	1,590
36	51	95 624	5 988,407	70 024,057	11,693	11,222							
37	52	95 306	5 526,382	64 035,650	11,587	11,116							
38	53	94 954	5 098,130	58 509,269	11,477	11,006							
39	54	94 565	4 701,125	53 411,138	11,361	10,890							
40	55	94 155	4 334,022	48 710,013	11,239	10,768							
41	56	93 701	3 993,635	44 375,991	11,112	10,641							
42	57	93 219	3 678,816	40 382,357	10,977	10,506							
43	58	92 705	3 387,509	36 703,541	10,835	10,364							
44	59	92 131	3 117,174	33 316,032	10,688	10,217							
45	60	91 514	2 866,928	30 198,859	10,534	10,062							
46	61	90 819	2 634,409	27 331,930	10,375	9,904							
47	62	90 074	2 419,251	24 697,522	10,209	9,738							
48	63	89 247	2 219,492	22 278,271	10,038	9,567							
49	64	88 361	2 034,691	20 058,779	9,858	9,387							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß   8,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	16	99 524	99 523,797	1 318 392,959	13,247	12,776	50	66	86 715	1 848,872	17 612,849	9,526	9,055
1	17	99 124	91 781,114	1 218 869,162	13,280	12,809	51	67	85 629	1 690,484	15 763,976	9,325	8,854
2	18	99 075	84 941,072	1 127 088,048	13,269	12,798	52	68	84 446	1 543,631	14 073,492	9,117	8,646
3	19	99 034	78 616,335	1 042 146,976	13,256	12,785	53	69	83 207	1 408,323	12 529,862	8,897	8,426
4	20	99 000	72 767,748	963 530,640	13,241	12,770	54	70	81 869	1 283,031	11 121,539	8,668	8,197
5	21	98 965	67 353,642	890 762,892	13,225	12,754	55	71	80 418	1 166,934	9 838,508	8,431	7,960
6	22	98 933	62 344,695	823 409,250	13,207	12,736	56	72	78 845	1 059,364	8 671,574	8,186	7,715
7	23	98 901	57 707,522	761 064,555	13,188	12,717	57	73	77 137	959,645	7 612,210	7,932	7,461
8	24	98 870	53 416,275	703 357,034	13,167	12,696	58	74	75 272	867,079	6 652,566	7,672	7,201
9	25	98 842	49 445,397	649 940,759	13,145	12,674	59	75	73 222	780,982	5 785,487	7,408	6,937
10	26	98 812	45 769,109	600 495,361	13,120	12,649	60	76	70 967	700,862	5 004,504	7,140	6,669
11	27	98 780	42 364,989	554 726,252	13,094	12,623	61	77	68 510	626,473	4 303,642	6,870	6,399
12	28	98 745	39 212,938	512 361,263	13,066	12,595	62	78	65 867	557,689	3 677,169	6,594	6,123
13	29	98 709	36 295,055	473 148,325	13,036	12,565	63	79	62 990	493,827	3 119,480	6,317	5,846
14	30	98 670	33 593,164	436 853,270	13,004	12,533	64	80	59 936	435,076	2 625,652	6,035	5,564
15	31	98 627	31 091,311	403 260,105	12,970	12,499	65	81	56 623	380,581	2 190,577	5,756	5,285
16	32	98 580	28 774,432	372 168,794	12,934	12,463	66	82	53 116	330,566	1 809,995	5,475	5,004
17	33	98 519	26 626,632	343 394,362	12,897	12,426	67	83	49 357	284,417	1 479,430	5,202	4,731
18	34	98 450	24 636,925	316 767,730	12,857	12,386	68	84	45 434	242,421	1 195,013	4,930	4,458
19	35	98 360	22 791,299	292 130,805	12,818	12,347	69	85	41 342	204,244	952,592	4,664	4,193
20	36	98 273	21 084,352	269 339,506	12,774	12,303	70	86	37 126	169,832	748,348	4,406	3,935
21	37	98 174	19 502,775	248 255,153	12,729	12,258	71	87	32 863	139,192	578,516	4,156	3,685
22	38	98 068	18 038,734	228 752,378	12,681	12,210	72	88	28 573	112,060	439,324	3,920	3,449
23	39	97 962	16 684,363	210 713,644	12,629	12,158	73	89	24 399	88,602	327,264	3,694	3,223
24	40	97 846	15 430,193	194 029,281	12,575	12,104	74	90	20 321	68,327	238,662	3,493	3,022
25	41	97 722	14 269,137	178 599,088	12,516	12,045	75	91	16 594	51,661	170,336	3,297	2,826
26	42	97 590	13 194,322	164 329,951	12,455	11,984	76	92	13 134	37,862	118,674	3,134	2,663
27	43	97 446	12 198,998	151 135,630	12,389	11,918	77	93	10 206	27,241	80,812	2,967	2,496
28	44	97 285	11 276,661	138 936,632	12,321	11,850	78	94	7 713	19,061	53,571	2,811	2,339
29	45	97 117	10 423,358	127 659,971	12,247	11,776	79	95	5 655	12,941	34,510	2,667	2,196
30	46	96 930	9 632,669	117 236,613	12,171	11,700	80	96	4 018	8,513	21,570	2,534	2,063
31	47	96 732	8 900,871	107 603,944	12,089	11,618	81	97	2 762	5,419	13,056	2,409	1,938
32	48	96 505	8 222,198	98 703,073	12,004	11,533	82	98	1 832	3,327	7,637	2,295	1,824
33	49	96 263	7 594,097	90 480,875	11,915	11,444	83	99	1 170	1,969	4,310	2,189	1,718
34	50	95 992	7 011,746	82 886,779	11,821	11,350	84	100	720	1,121	2,341	2,089	1,618
35	51	95 704	6 472,917	75 875,032	11,722	11,251							
36	52	95 390	5 973,754	69 402,116	11,618	11,147							
37	53	95 044	5 511,210	63 428,361	11,509	11,038							
38	54	94 669	5 082,802	57 917,151	11,395	10,924							
39	55	94 263	4 686,123	52 834,349	11,275	10,804							
40	56	93 821	4 318,666	48 148,226	11,149	10,678							
41	57	93 347	3 978,570	43 829,560	11,016	10,545							
42	58	92 847	3 664,113	39 850,991	10,876	10,405							
43	59	92 296	3 372,562	36 186,877	10,730	10,259							
44	60	91 696	3 102,455	32 814,316	10,577	10,106							
45	61	91 020	2 851,477	29 711,861	10,420	9,949							
46	62	90 297	2 619,269	26 860,384	10,255	9,784							
47	63	89 505	2 403,991	24 241,114	10,084	9,613							
48	64	88 646	2 204,537	21 837,123	9,906	9,434							
49	65	87 712	2 019,738	19 632,586	9,720	9,249							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß   8,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	17	99 508	99 508,483	1 317 280,082	13,238	12,767	50	67	85 973	1 833,056	17 177,091	9,371	8,900
1	18	99 108	91 766,385	1 217 771,599	13,270	12,799	51	68	84 847	1 675,046	15 344,035	9,160	8,689
2	19	99 053	84 921,671	1 126 005,214	13,259	12,788	52	69	83 626	1 528,641	13 668,989	8,942	8,471
3	20	99 013	78 600,098	1 041 083,543	13,245	12,774	53	70	82 323	1 393,364	12 140,348	8,713	8,242
4	21	98 978	72 751,594	962 483,445	13,230	12,759	54	71	80 919	1 268,142	10 746,983	8,475	8,004
5	22	98 944	67 339,546	889 731,850	13,213	12,742	55	72	79 382	1 151,907	9 478,842	8,229	7,758
6	23	98 911	62 330,709	822 392,305	13,194	12,723	56	73	77 704	1 044,027	8 326,935	7,976	7,505
7	24	98 878	57 694,331	760 061,596	13,174	12,703	57	74	75 883	944,040	7 282,908	7,715	7,244
8	25	98 850	53 405,478	702 367,265	13,152	12,681	58	75	73 872	850,944	6 338,869	7,449	6,978
9	26	98 820	49 434,521	648 961,787	13,128	12,657	59	76	71 651	764,224	5 487,924	7,181	6,710
10	27	98 789	45 758,277	599 527,267	13,102	12,631	60	77	69 229	683,696	4 723,700	6,909	6,438
11	28	98 753	42 353,608	553 768,989	13,075	12,604	61	78	66 610	609,105	4 040,004	6,633	6,162
12	29	98 720	39 203,022	511 415,381	13,045	12,574	62	79	63 754	539,805	3 430,899	6,356	5,885
13	30	98 681	36 284,641	472 212,359	13,014	12,543	63	80	60 703	475,899	2 891,094	6,075	5,604
14	31	98 642	33 583,656	435 927,718	12,980	12,509	64	81	57 432	416,904	2 415,195	5,793	5,322
15	32	98 597	31 081,921	402 344,062	12,945	12,474	65	82	53 928	362,469	1 998,291	5,513	5,042
16	33	98 545	28 764,233	371 262,141	12,907	12,436	66	83	50 187	312,337	1 635,821	5,237	4,766
17	34	98 483	26 616,897	342 497,908	12,868	12,397	67	84	46 262	266,581	1 323,485	4,965	4,494
18	35	98 408	24 626,460	315 881,012	12,827	12,356	68	85	42 149	224,890	1 056,904	4,700	4,229
19	36	98 321	22 782,234	291 254,552	12,784	12,313	69	86	37 920	187,342	832,014	4,441	3,970
20	37	98 227	21 074,333	268 472,318	12,739	12,268	70	87	33 628	153,830	644,672	4,191	3,720
21	38	98 121	19 492,367	247 397,985	12,692	12,221	71	88	29 304	124,119	490,842	3,955	3,484
22	39	98 014	18 028,692	227 905,619	12,641	12,170	72	89	25 079	98,356	366,723	3,729	3,257
23	40	97 897	16 673,325	209 876,927	12,588	12,117	73	90	20 946	76,063	268,367	3,528	3,057
24	41	97 777	15 419,296	193 203,602	12,530	12,059	74	91	17 176	57,750	192,304	3,330	2,859
25	42	97 644	14 257,700	177 784,306	12,469	11,998	75	92	13 645	42,482	134,554	3,167	2,696
26	43	97 503	13 182,577	163 526,606	12,405	11,934	76	93	10 649	30,698	92,072	2,999	2,528
27	44	97 347	12 186,507	150 344,028	12,337	11,866	77	94	8 091	21,595	61,374	2,842	2,371
28	45	97 176	11 263,995	138 157,521	12,265	11,794	78	95	5 970	14,755	39,779	2,696	2,225
29	46	96 994	10 410,128	126 893,526	12,189	11,718	79	96	4 269	9,770	25,024	2,561	2,090
30	47	96 794	9 619,096	116 483,398	12,110	11,639	80	97	2 954	6,260	15,254	2,437	1,966
31	48	96 574	8 886,317	106 864,302	12,026	11,555	81	98	1 976	3,876	8,994	2,321	1,849
32	49	96 334	8 207,658	97 977,985	11,937	11,466	82	99	1 273	2,312	5,118	2,214	1,743
33	50	96 065	7 578,471	89 770,328	11,845	11,374	83	100	789	1,327	2,806	2,115	1,644
34	51	95 780	6 996,299	82 191,857	11,748	11,277							
35	52	95 470	6 457,079	75 195,558	11,645	11,174							
36	53	95 128	5 957,354	68 738,479	11,538	11,067							
37	54	94 759	5 494,640	62 781,125	11,426	10,955							
38	55	94 366	5 066,582	57 286,484	11,307	10,836							
39	56	93 929	4 669,519	52 219,902	11,183	10,712							
40	57	93 467	4 302,375	47 550,383	11,052	10,581							
41	58	92 974	3 962,669	43 248,008	10,914	10,443							
42	59	92 437	3 647,946	39 285,339	10,769	10,298							
43	60	91 860	3 356,636	35 637,393	10,617	10,146							
44	61	91 202	3 085,734	32 280,757	10,461	9,990							
45	62	90 497	2 835,091	29 195,022	10,298	9,827							
46	63	89 727	2 602,748	26 359,932	10,128	9,657							
47	64	88 902	2 387,793	23 757,184	9,949	9,478							
48	65	87 994	2 188,335	21 369,390	9,765	9,294							
49	66	87 027	2 003,964	19 181,055	9,572	9,101							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß   8,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$
0	18	99 493	99 492,515	1 316 086,651	13,228	12,757
1	19	99 085	91 745,425	1 216 594,136	13,261	12,789
2	20	99 032	84 904,131	1 124 848,711	13,248	12,777
3	21	98 992	78 582,650	1 039 944,579	13,234	12,763
4	22	98 957	72 736,368	961 361,930	13,217	12,746
5	23	98 922	67 324,439	888 625,562	13,199	12,728
6	24	98 888	62 316,461	821 301,122	13,180	12,708
7	25	98 858	57 682,669	758 984,661	13,158	12,687
8	26	98 828	53 393,730	701 301,992	13,135	12,663
9	27	98 796	49 422,821	647 908,263	13,109	12,638
10	28	98 762	45 745,985	598 485,442	13,083	12,612
11	29	98 728	42 342,898	552 739,457	13,054	12,583
12	30	98 692	39 191,774	510 396,559	13,023	12,552
13	31	98 653	36 274,372	471 204,785	12,990	12,519
14	32	98 612	33 573,513	434 930,414	12,955	12,484
15	33	98 562	31 070,903	401 356,900	12,917	12,446
16	34	98 509	28 753,715	370 285,998	12,878	12,407
17	35	98 441	26 605,590	341 532,282	12,837	12,366
18	36	98 369	24 616,665	314 926,692	12,793	12,322
19	37	98 275	22 771,407	290 310,027	12,749	12,278
20	38	98 174	21 063,086	267 538,620	12,702	12,231
21	39	98 067	19 481,515	246 475,534	12,652	12,181
22	40	97 949	18 016,765	226 994,019	12,599	12,128
23	41	97 828	16 661,550	208 977,254	12,542	12,071
24	42	97 698	15 406,937	192 315,704	12,482	12,011
25	43	97 557	14 245,010	176 908,767	12,419	11,948
26	44	97 403	13 169,079	162 663,757	12,352	11,881
27	45	97 237	12 172,820	149 494,678	12,281	11,810
28	46	97 052	11 249,699	137 321,858	12,207	11,736
29	47	96 857	10 395,459	126 072,160	12,128	11,657
30	48	96 635	9 603,367	115 676,700	12,045	11,574
31	49	96 403	8 870,602	106 073,333	11,958	11,487
32	50	96 136	8 190,769	97 202,731	11,867	11,396
33	51	95 853	7 561,775	89 011,962	11,771	11,300
34	52	95 546	6 979,181	81 450,187	11,670	11,199
35	53	95 208	6 439,352	74 471,006	11,565	11,094
36	54	94 842	5 939,443	68 031,654	11,454	10,983
37	55	94 456	5 477,106	62 092,211	11,337	10,866
38	56	94 032	5 048,630	56 615,105	11,214	10,743
39	57	93 574	4 651,905	51 566,475	11,085	10,614
40	58	93 093	4 285,180	46 914,570	10,948	10,477
41	59	92 564	3 945,185	42 629,390	10,805	10,334
42	60	92 001	3 630,720	38 684,205	10,655	10,184
43	61	91 365	3 338,546	35 053,485	10,500	10,029
44	62	90 678	3 068,002	31 714,939	10,337	9,866
45	63	89 927	2 817,208	28 646,937	10,169	9,698
46	64	89 123	2 585,211	25 829,729	9,991	9,520
47	65	88 249	2 370,244	23 244,518	9,807	9,336
48	66	87 307	2 171,245	20 874,274	9,614	9,143
49	67	86 283	1 986,821	18 703,029	9,414	8,942

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$
50	68	85 188	1 816,316	16 716,208	9,203	8,732
51	69	84 023	1 658,780	14 899,892	8,982	8,511
52	70	82 738	1 512,405	13 241,111	8,755	8,284
53	71	81 368	1 377,195	11 728,707	8,516	8,045
54	72	79 877	1 251,812	10 351,512	8,269	7,798
55	73	78 233	1 135,230	9 099,700	8,016	7,545
56	74	76 440	1 027,049	7 964,470	7,755	7,284
57	75	74 471	926,474	6 937,421	7,488	7,017
58	76	72 287	832,685	6 010,947	7,219	6,748
59	77	69 896	745,506	5 178,263	6,946	6,475
60	78	67 310	664,741	4 432,756	6,668	6,197
61	79	64 474	589,572	3 768,015	6,391	5,920
62	80	61 440	520,207	3 178,443	6,110	5,639
63	81	58 168	456,022	2 658,236	5,829	5,358
64	82	54 699	397,064	2 202,213	5,546	5,075
65	83	50 954	342,481	1 805,149	5,271	4,800
66	84	47 040	292,750	1 462,668	4,996	4,525
67	85	42 916	247,303	1 169,919	4,731	4,260
68	86	38 661	206,279	922,616	4,473	4,002
69	87	34 348	169,690	716,337	4,221	3,750
70	88	29 987	137,171	546,647	3,985	3,514
71	89	25 720	108,941	409,475	3,759	3,288
72	90	21 530	84,437	300,535	3,559	3,088
73	91	17 704	64,289	216,097	3,361	2,890
74	92	14 124	47,489	151,808	3,197	2,726
75	93	11 063	34,443	104,320	3,029	2,558
76	94	8 442	24,336	69,877	2,871	2,400
77	95	6 263	16,717	45,541	2,724	2,253
78	96	4 507	11,139	28,824	2,588	2,116
79	97	3 139	7,183	17,684	2,462	1,991
80	98	2 113	4,477	10,501	2,345	1,874
81	99	1 373	2,693	6,024	2,237	1,766
82	100	858	1,558	3,331	2,137	1,666

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß   8,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	19	99 470	99 469,790	1 314 806,846	13,218	12,747	50	69	84 361	1 798,679	16 229,186	9,023	8,552
1	20	99 065	91 726,476	1 215 337,057	13,250	12,779	51	70	83 131	1 641,161	14 430,507	8,793	8,322
2	21	99 010	84 885,283	1 123 610,581	13,237	12,766	52	71	81 778	1 494,854	12 789,345	8,556	8,085
3	22	98 971	78 566,203	1 038 725,297	13,221	12,750	53	72	80 320	1 359,460	11 294,492	8,308	7,837
4	23	98 935	72 720,051	960 159,094	13,203	12,732	54	73	78 721	1 233,688	9 935,031	8,053	7,582
5	24	98 899	67 309,050	887 439,043	13,185	12,713	55	74	76 961	1 116,770	8 701,343	7,792	7,320
6	25	98 868	62 303,865	820 129,993	13,163	12,692	56	75	75 018	1 007,939	7 584,573	7,525	7,054
7	26	98 836	57 669,980	757 826,128	13,141	12,670	57	76	72 873	906,593	6 576,635	7,254	6,783
8	27	98 805	53 381,093	700 156,148	13,116	12,645	58	77	70 516	812,290	5 670,042	6,980	6,509
9	28	98 770	49 409,544	646 775,055	13,090	12,619	59	78	67 958	724,838	4 857,751	6,702	6,231
10	29	98 737	45 734,417	597 365,511	13,062	12,591	60	79	65 151	643,424	4 132,913	6,423	5,952
11	30	98 700	42 330,749	551 631,095	13,031	12,560	61	80	62 133	568,167	3 489,489	6,142	5,671
12	31	98 664	39 180,681	509 300,346	12,999	12,528	62	81	58 874	498,480	2 921,322	5,860	5,389
13	32	98 623	36 263,416	470 119,665	12,964	12,493	63	82	55 400	434,320	2 422,842	5,578	5,107
14	33	98 577	33 561,612	433 856,249	12,927	12,456	64	83	51 683	375,168	1 988,521	5,300	4,829
15	34	98 526	31 059,542	400 294,636	12,888	12,417	65	84	47 759	321,004	1 613,353	5,026	4,555
16	35	98 467	28 741,502	369 235,094	12,847	12,376	66	85	43 638	271,579	1 292,350	4,759	4,288
17	36	98 402	26 595,008	340 493,593	12,803	12,332	67	86	39 365	226,837	1 020,771	4,500	4,029
18	37	98 322	24 604,967	313 898,585	12,758	12,286	68	87	35 018	186,843	793,933	4,249	3,778
19	38	98 222	22 759,255	289 293,618	12,711	12,240	69	88	30 628	151,314	607,090	4,012	3,541
20	39	98 119	21 051,359	266 534,364	12,661	12,190	70	89	26 320	120,397	455,776	3,786	3,315
21	40	98 002	19 468,627	245 483,004	12,609	12,138	71	90	22 080	93,524	335,379	3,586	3,115
22	41	97 880	18 004,041	226 014,377	12,554	12,082	72	91	18 197	71,367	241,855	3,389	2,918
23	42	97 749	16 648,196	208 010,336	12,494	12,023	73	92	14 558	52,866	170,489	3,225	2,754
24	43	97 611	15 393,224	191 362,140	12,432	11,961	74	93	11 451	38,503	117,623	3,055	2,584
25	44	97 457	14 230,424	175 968,916	12,366	11,895	75	94	8 770	27,305	79,120	2,898	2,427
26	45	97 294	13 154,288	161 738,493	12,295	11,824	76	95	6 535	18,839	51,816	2,751	2,279
27	46	97 114	12 157,370	148 584,204	12,222	11,751	77	96	4 728	12,621	32,977	2,613	2,142
28	47	96 916	11 233,846	136 426,835	12,144	11,673	78	97	3 314	8,191	20,357	2,485	2,014
29	48	96 699	10 378,461	125 192,988	12,063	11,592	79	98	2 245	5,138	12,166	2,368	1,897
30	49	96 464	9 586,384	114 814,527	11,977	11,506	80	99	1 468	3,111	7,028	2,259	1,788
31	50	96 204	8 852,349	105 228,143	11,887	11,416	81	100	925	1,815	3,917	2,158	1,687
32	51	95 924	8 172,725	96 375,793	11,792	11,321							
33	52	95 619	7 543,273	88 203,068	11,693	11,222							
34	53	95 284	6 960,020	80 659,795	11,589	11,118							
35	54	94 922	6 419,991	73 699,775	11,480	11,009							
36	55	94 539	5 920,489	67 279,783	11,364	10,893							
37	56	94 121	5 457,699	61 359,294	11,243	10,772							
38	57	93 677	5 029,586	55 901,594	11,115	10,644							
39	58	93 200	4 633,313	50 872,009	10,980	10,509							
40	59	92 683	4 266,272	46 238,695	10,838	10,367							
41	60	92 127	3 926,555	41 972,423	10,689	10,218							
42	61	91 505	3 611,153	38 045,868	10,536	10,065							
43	62	90 840	3 319,361	34 434,715	10,374	9,903							
44	63	90 106	3 048,650	31 115,354	10,206	9,735							
45	64	89 321	2 798,226	28 066,704	10,030	9,559							
46	65	88 468	2 566,211	25 268,478	9,847	9,376							
47	66	87 560	2 351,733	22 702,267	9,653	9,182							
48	67	86 560	2 152,671	20 350,534	9,454	8,983							
49	68	85 495	1 968,677	18 197,863	9,244	8,773							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß   8,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	20	99 449	99 449,245	1 313 441,017	13,207	12,736	50	70	83 465	1 779,574	15 714,911	8,831	8,360
1	21	99 043	91 706,113	1 213 991,772	13,238	12,767	51	71	82 166	1 622,116	13 935,337	8,591	8,120
2	22	98 989	84 867,518	1 122 285,658	13,224	12,753	52	72	80 724	1 475,604	12 313,220	8,345	7,873
3	23	98 949	78 548,578	1 037 418,140	13,207	12,736	53	73	79 157	1 339,779	10 837,616	8,089	7,618
4	24	98 912	72 703,429	958 869,562	13,189	12,718	54	74	77 440	1 213,627	9 497,838	7,826	7,355
5	25	98 879	67 295,445	886 166,133	13,168	12,697	55	75	75 529	1 095,989	8 284,211	7,559	7,088
6	26	98 847	62 290,159	818 870,689	13,146	12,675	56	76	73 408	986,310	7 188,222	7,288	6,817
7	27	98 813	57 656,331	756 580,529	13,122	12,651	57	77	71 088	884,388	6 201,911	7,013	6,542
8	28	98 778	53 366,752	698 924,198	13,097	12,626	58	78	68 561	789,770	5 317,523	6,733	6,262
9	29	98 745	49 397,049	645 557,446	13,069	12,598	59	79	65 779	701,594	4 527,752	6,454	5,982
10	30	98 709	45 721,295	596 160,396	13,039	12,568	60	80	62 786	620,064	3 826,159	6,171	5,700
11	31	98 672	42 318,768	550 439,102	13,007	12,536	61	81	59 538	544,437	3 206,095	5,889	5,418
12	32	98 634	39 168,848	508 120,334	12,973	12,502	62	82	56 072	474,757	2 661,657	5,606	5,135
13	33	98 588	36 250,561	468 951,486	12,936	12,465	63	83	52 345	410,370	2 186,900	5,329	4,858
14	34	98 541	33 549,341	432 700,925	12,897	12,426	64	84	48 442	351,641	1 776,530	5,052	4,581
15	35	98 484	31 046,349	399 151,584	12,857	12,386	65	85	44 305	297,790	1 424,889	4,785	4,314
16	36	98 428	28 730,070	368 105,235	12,813	12,341	66	86	40 027	249,105	1 127,099	4,525	4,054
17	37	98 355	26 582,370	339 375,165	12,767	12,296	67	87	35 656	205,464	877,994	4,273	3,802
18	38	98 269	24 591,835	312 792,796	12,719	12,248	68	88	31 226	166,609	672,530	4,037	3,566
19	39	98 167	22 746,584	288 200,960	12,670	12,199	69	89	26 883	132,810	505,921	3,809	3,338
20	40	98 055	21 037,433	265 454,376	12,618	12,147	70	90	22 595	103,359	373,111	3,610	3,139
21	41	97 933	19 454,878	244 416,943	12,563	12,092	71	91	18 663	79,047	269,752	3,413	2,942
22	42	97 801	17 989,611	224 962,066	12,505	12,034	72	92	14 964	58,686	190,705	3,250	2,779
23	43	97 662	16 633,378	206 972,455	12,443	11,972	73	93	11 803	42,862	132,019	3,080	2,609
24	44	97 511	15 377,462	190 339,077	12,378	11,907	74	94	9 078	30,523	89,157	2,921	2,450
25	45	97 347	14 214,441	174 961,615	12,309	11,838	75	95	6 789	21,137	58,634	2,774	2,303
26	46	97 170	13 137,593	160 747,174	12,236	11,765	76	96	4 934	14,222	37,497	2,637	2,165
27	47	96 977	12 140,238	147 609,582	12,159	11,688	77	97	3 477	9,280	23,275	2,508	2,037
28	48	96 757	11 215,478	135 469,343	12,079	11,608	78	98	2 370	5,858	13,995	2,389	1,918
29	49	96 528	10 360,108	124 253,866	11,993	11,522	79	99	1 560	3,570	8,137	2,279	1,808
30	50	96 266	9 566,659	113 893,758	11,905	11,434	80	100	990	2,097	4,567	2,178	1,707
31	51	95 992	8 832,848	104 327,099	11,811	11,340							
32	52	95 689	8 152,728	95 494,251	11,713	11,242							
33	53	95 356	7 522,564	87 341,523	11,611	11,140							
34	54	94 997	6 939,095	79 818,959	11,503	11,032							
35	55	94 619	6 399,504	72 879,864	11,388	10,917							
36	56	94 204	5 899,512	66 480,360	11,269	10,798							
37	57	93 766	5 437,112	60 580,848	11,142	10,671							
38	58	93 303	5 009,485	55 143,737	11,008	10,537							
39	59	92 789	4 612,870	50 134,252	10,868	10,397							
40	60	92 245	4 246,127	45 521,382	10,721	10,250							
41	61	91 630	3 905,394	41 275,255	10,569	10,098							
42	62	90 979	3 590,401	37 369,861	10,408	9,937							
43	63	90 267	3 298,423	33 779,461	10,241	9,770							
44	64	89 499	3 028,108	30 481,037	10,066	9,595							
45	65	88 664	2 777,661	27 452,929	9,883	9,412							
46	66	87 777	2 546,170	24 675,268	9,691	9,220							
47	67	86 811	2 331,616	22 129,099	9,491	9,020							
48	68	85 770	2 133,012	19 797,483	9,281	8,810							
49	69	84 664	1 949,560	17 664,471	9,061	8,590							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß   8,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	21	99 427	99 427,169	1 311 979,876	13,195	12,724	50	71	82 496	1 758,923	15 172,806	8,626	8,155
1	22	99 022	91 686,920	1 212 552,707	13,225	12,754	51	72	81 108	1 601,228	13 413,883	8,377	7,906
2	23	98 967	84 848,479	1 120 865,787	13,210	12,739	52	73	79 556	1 454,241	11 812,655	8,123	7,652
3	24	98 926	78 530,624	1 036 017,307	13,193	12,721	53	74	77 870	1 317,992	10 358,415	7,859	7,388
4	25	98 892	72 688,733	957 486,684	13,172	12,701	54	75	76 000	1 191,044	9 040,422	7,590	7,119
5	26	98 857	67 280,641	884 797,951	13,151	12,680	55	76	73 908	1 072,472	7 849,378	7,319	6,848
6	27	98 823	62 275,417	817 517,310	13,127	12,656	56	77	71 610	962,153	6 776,907	7,043	6,572
7	28	98 786	57 640,842	755 241,893	13,103	12,632	57	78	69 117	859,870	5 814,754	6,762	6,291
8	29	98 753	53 353,257	697 601,051	13,075	12,604	58	79	66 363	764,444	4 954,884	6,482	6,011
9	30	98 717	49 382,876	644 247,793	13,046	12,575	59	80	63 391	676,122	4 190,440	6,198	5,727
10	31	98 681	45 708,354	594 864,917	13,014	12,543	60	81	60 164	594,167	3 514,318	5,915	5,444
11	32	98 642	42 305,986	549 156,563	12,981	12,510	61	82	56 705	518,527	2 920,151	5,632	5,161
12	33	98 599	39 154,964	506 850,577	12,945	12,474	62	83	52 980	448,577	2 401,624	5,354	4,883
13	34	98 552	36 237,307	467 695,613	12,906	12,435	63	84	49 062	384,635	1 953,047	5,078	4,607
14	35	98 499	33 535,090	431 458,306	12,866	12,395	64	85	44 939	326,211	1 568,412	4,808	4,337
15	36	98 445	31 034,000	397 923,216	12,822	12,351	65	86	40 639	273,146	1 242,200	4,548	4,077
16	37	98 381	28 716,417	366 889,216	12,776	12,305	66	87	36 255	225,633	969,054	4,295	3,824
17	38	98 303	26 568,183	338 172,799	12,728	12,257	67	88	31 794	183,214	743,420	4,058	3,587
18	39	98 215	24 578,145	311 604,616	12,678	12,207	68	89	27 407	146,235	560,206	3,831	3,360
19	40	98 103	22 731,536	287 026,472	12,627	12,156	69	90	23 078	114,015	413,971	3,631	3,160
20	41	97 985	21 022,576	264 294,936	12,572	12,101	70	91	19 097	87,359	299,956	3,434	2,963
21	42	97 854	19 439,285	243 272,360	12,514	12,043	71	92	15 346	65,001	212,596	3,271	2,800
22	43	97 714	17 973,599	223 833,075	12,453	11,982	72	93	12 132	47,581	147,595	3,102	2,631
23	44	97 562	16 616,346	205 859,477	12,389	11,918	73	94	9 357	33,979	100,014	2,943	2,472
24	45	97 402	15 360,191	189 243,131	12,320	11,849	74	95	7 027	23,628	66,035	2,795	2,324
25	46	97 224	14 196,399	173 882,940	12,248	11,777	75	96	5 126	15,957	42,407	2,658	2,186
26	47	97 033	13 119,080	159 686,540	12,172	11,701	76	97	3 628	10,457	26,450	2,529	2,058
27	48	96 818	12 120,388	146 567,460	12,093	11,622	77	98	2 487	6,637	15,992	2,410	1,938
28	49	96 586	11 195,644	134 447,072	12,009	11,538	78	99	1 647	4,070	9,355	2,298	1,827
29	50	96 329	10 338,790	123 251,428	11,921	11,450	79	100	1 052	2,406	5,285	2,196	1,725
30	51	96 054	9 545,584	112 912,638	11,829	11,358							
31	52	95 758	8 811,235	103 367,054	11,731	11,260							
32	53	95 427	8 130,346	94 555,819	11,630	11,159							
33	54	95 070	7 499,947	86 425,473	11,523	11,052							
34	55	94 694	6 916,951	78 925,526	11,410	10,939							
35	56	94 284	6 376,829	72 008,575	11,292	10,821							
36	57	93 849	5 877,258	65 631,746	11,167	10,696							
37	58	93 392	5 415,382	59 754,488	11,034	10,563							
38	59	92 891	4 987,381	54 339,106	10,895	10,424							
39	60	92 351	4 591,088	49 351,725	10,749	10,278							
40	61	91 748	4 223,243	44 760,637	10,599	10,128							
41	62	91 104	3 882,951	40 537,394	10,440	9,969							
42	63	90 405	3 567,754	36 654,443	10,274	9,803							
43	64	89 659	3 276,199	33 086,690	10,099	9,628							
44	65	88 841	3 005,853	29 810,491	9,917	9,446							
45	66	87 972	2 755,968	26 804,637	9,726	9,255							
46	67	87 026	2 524,389	24 048,670	9,527	9,055							
47	68	86 018	2 310,323	21 524,281	9,317	8,846							
48	69	84 937	2 112,299	19 213,958	9,096	8,625							
49	70	83 765	1 928,853	17 101,659	8,866	8,395							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß   8,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	22	99 406	99 406,360	1 310 417,419	13,182	12,711	50	72	81 434	1 736,273	14 602,344	8,410	7,939
1	23	99 000	91 666,352	1 211 011,059	13,211	12,740	51	73	79 934	1 578,046	12 866,072	8,153	7,682
2	24	98 945	84 829,085	1 119 344,707	13,195	12,724	52	74	78 262	1 430,593	11 288,026	7,890	7,419
3	25	98 906	78 514,750	1 034 515,623	13,176	12,705	53	75	76 421	1 293,468	9 857,433	7,621	7,150
4	26	98 870	72 672,743	956 000,873	13,155	12,684	54	76	74 369	1 165,487	8 563,965	7,348	6,877
5	27	98 834	67 264,718	883 328,130	13,132	12,661	55	77	72 098	1 046,204	7 398,478	7,072	6,601
6	28	98 797	62 258,687	816 063,412	13,108	12,637	56	78	69 625	935,478	6 352,274	6,790	6,319
7	29	98 761	57 626,266	753 804,725	13,081	12,610	57	79	66 901	832,295	5 416,796	6,508	6,037
8	30	98 725	53 337,949	696 178,459	13,052	12,581	58	80	63 953	736,690	4 584,501	6,223	5,752
9	31	98 689	49 368,899	642 840,510	13,021	12,550	59	81	60 743	647,883	3 847,811	5,939	5,468
10	32	98 651	45 694,549	593 471,610	12,988	12,517	60	82	57 300	565,890	3 199,928	5,655	5,184
11	33	98 607	42 290,990	547 777,061	12,953	12,482	61	83	53 578	489,934	2 634,037	5,376	4,905
12	34	98 563	39 140,647	505 486,071	12,915	12,444	62	84	49 657	420,446	2 144,104	5,100	4,629
13	35	98 510	36 221,914	466 345,424	12,875	12,404	63	85	45 514	356,820	1 723,657	4,831	4,360
14	36	98 460	33 521,751	430 123,510	12,831	12,360	64	86	41 220	299,216	1 366,838	4,568	4,097
15	37	98 398	31 019,252	396 601,758	12,786	12,315	65	87	36 810	247,410	1 067,622	4,315	3,844
16	38	98 328	28 701,091	365 582,506	12,738	12,267	66	88	32 329	201,199	820,212	4,077	3,606
17	39	98 248	26 553,392	336 881,415	12,687	12,216	67	89	27 906	160,809	619,013	3,849	3,378
18	40	98 150	24 561,885	310 328,023	12,635	12,163	68	90	23 529	125,540	458,203	3,650	3,179
19	41	98 033	22 715,483	285 766,138	12,580	12,109	69	91	19 506	96,366	332,663	3,452	2,981
20	42	97 907	21 005,726	263 050,656	12,523	12,052	70	92	15 704	71,837	236,296	3,289	2,818
21	43	97 767	19 421,982	242 044,929	12,462	11,991	71	93	12 442	52,701	164,460	3,121	2,650
22	44	97 614	17 955,195	222 622,947	12,399	11,928	72	94	9 618	37,720	111,758	2,963	2,492
23	45	97 453	16 597,683	204 667,752	12,331	11,860	73	95	7 244	26,304	74,039	2,815	2,344
24	46	97 278	15 340,695	188 070,069	12,260	11,789	74	96	5 305	17,838	47,735	2,676	2,205
25	47	97 087	14 176,395	172 729,374	12,184	11,713	75	97	3 769	11,733	29,897	2,548	2,077
26	48	96 875	13 097,629	158 552,979	12,105	11,634	76	98	2 595	7,479	18,164	2,428	1,957
27	49	96 647	12 098,954	145 455,350	12,022	11,551	77	99	1 728	4,612	10,684	2,317	1,846
28	50	96 387	11 172,607	133 356,396	11,936	11,465	78	100	1 110	2,744	6,073	2,213	1,742
29	51	96 117	10 316,014	122 183,789	11,844	11,373							
30	52	95 819	9 522,227	111 867,775	11,748	11,277							
31	53	95 495	8 787,045	102 345,547	11,647	11,176							
32	54	95 140	8 105,902	93 558,502	11,542	11,071							
33	55	94 766	7 476,013	85 452,600	11,430	10,959							
34	56	94 358	6 892,443	77 976,587	11,313	10,842							
35	57	93 928	6 352,775	71 084,145	11,189	10,718							
36	58	93 474	5 853,769	64 731,370	11,058	10,587							
37	59	92 980	5 391,488	58 877,601	10,920	10,449							
38	60	92 453	4 963,831	53 486,113	10,775	10,304							
39	61	91 853	4 566,345	48 522,282	10,626	10,155							
40	62	91 221	4 198,973	43 955,938	10,468	9,997							
41	63	90 529	3 858,458	39 756,964	10,304	9,833							
42	64	89 796	3 543,715	35 898,506	10,130	9,659							
43	65	89 000	3 252,121	32 354,791	9,949	9,478							
44	66	88 147	2 982,378	29 102,670	9,758	9,287							
45	67	87 219	2 732,392	26 120,292	9,559	9,088							
46	68	86 231	2 501,335	23 387,900	9,350	8,879							
47	69	85 183	2 287,888	20 886,565	9,129	8,658							
48	70	84 035	2 089,864	18 598,677	8,899	8,428							
49	71	82 793	1 906,469	16 508,813	8,659	8,188							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß   8,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	23	99 384	99 384,060	1 308 744,133	13,169	12,698	50	73	80 255	1 711,135	14 003,456	8,184	7,713
1	24	98 977	91 645,399	1 209 360,073	13,196	12,725	51	74	78 634	1 552,385	12 292,321	7,918	7,447
2	25	98 925	84 811,937	1 117 714,674	13,179	12,708	52	75	76 806	1 403,973	10 739,936	7,650	7,179
3	26	98 884	78 497,478	1 032 902,737	13,158	12,687	53	76	74 781	1 265,712	9 335,963	7,376	6,905
4	27	98 847	72 655,544	954 405,259	13,136	12,665	54	77	72 547	1 136,941	8 070,250	7,098	6,627
5	28	98 807	67 246,647	881 749,715	13,112	12,641	55	78	70 099	1 017,199	6 933,309	6,816	6,345
6	29	98 772	62 242,944	814 503,068	13,086	12,615	56	79	67 392	905,479	5 916,110	6,534	6,063
7	30	98 733	57 609,732	752 260,124	13,058	12,587	57	80	64 472	802,078	5 010,631	6,247	5,776
8	31	98 697	53 322,853	694 650,392	13,027	12,556	58	81	61 282	705,922	4 208,553	5,962	5,491
9	32	98 659	49 353,989	641 327,539	12,994	12,523	59	82	57 852	617,050	3 502,631	5,676	5,205
10	33	98 616	45 678,351	591 973,550	12,960	12,489	60	83	54 141	534,685	2 885,581	5,397	4,926
11	34	98 571	42 275,527	546 295,199	12,922	12,451	61	84	50 218	459,209	2 350,896	5,119	4,648
12	35	98 521	39 124,021	504 019,672	12,883	12,412	62	85	46 066	390,041	1 891,687	4,850	4,379
13	36	98 471	36 207,507	464 895,651	12,840	12,369	63	86	41 748	327,291	1 501,646	4,588	4,117
14	37	98 413	33 505,821	428 688,144	12,794	12,323	64	87	37 336	271,023	1 174,355	4,333	3,862
15	38	98 346	31 002,698	395 182,322	12,747	12,276	65	88	32 823	220,617	903,332	4,095	3,624
16	39	98 274	28 685,113	364 179,625	12,696	12,225	66	89	28 376	176,595	682,714	3,866	3,395
17	40	98 183	26 535,826	335 494,512	12,643	12,172	67	90	23 957	138,052	506,119	3,666	3,195
18	41	98 080	24 544,539	308 958,686	12,588	12,117	68	91	19 887	106,107	368,067	3,469	2,998
19	42	97 955	22 697,276	284 414,147	12,531	12,060	69	92	16 040	79,243	261,960	3,306	2,835
20	43	97 820	20 987,029	261 716,871	12,470	11,999	70	93	12 732	58,243	182,716	3,137	2,666
21	44	97 667	19 402,095	240 729,842	12,407	11,936	71	94	9 864	41,779	124,473	2,979	2,508
22	45	97 505	17 935,028	221 327,747	12,341	11,869	72	95	7 445	29,199	82,694	2,832	2,361
23	46	97 329	16 576,617	203 392,719	12,270	11,799	73	96	5 468	19,858	53,495	2,694	2,223
24	47	97 141	15 319,079	186 816,102	12,195	11,724	74	97	3 901	13,116	33,637	2,565	2,093
25	48	96 928	14 153,215	171 497,023	12,117	11,646	75	98	2 696	8,392	20,521	2,445	1,974
26	49	96 703	13 074,467	157 343,808	12,034	11,563	76	99	1 803	5,197	12,129	2,334	1,863
27	50	96 448	12 074,058	144 269,341	11,949	11,478	77	100	1 165	3,109	6,932	2,230	1,759
28	51	96 175	11 147,994	132 195,283	11,858	11,387							
29	52	95 882	10 290,773	121 047,289	11,763	11,292							
30	53	95 556	9 496,085	110 756,516	11,663	11,192							
31	54	95 208	8 760,627	101 260,431	11,559	11,088							
32	55	94 836	8 080,034	92 499,804	11,448	10,977							
33	56	94 431	7 449,524	84 419,770	11,332	10,861							
34	57	94 003	6 866,443	76 970,246	11,210	10,739							
35	58	93 553	6 327,385	70 103,803	11,079	10,608							
36	59	93 062	5 827,940	63 776,417	10,943	10,472							
37	60	92 541	5 366,029	57 948,477	10,799	10,328							
38	61	91 954	4 937,079	52 582,448	10,651	10,179							
39	62	91 326	4 540,103	47 645,369	10,494	10,023							
40	63	90 645	4 172,488	43 105,266	10,331	9,860							
41	64	89 919	3 832,461	38 932,778	10,159	9,688							
42	65	89 136	3 517,671	35 100,318	9,978	9,507							
43	66	88 305	3 226,722	31 582,647	9,788	9,317							
44	67	87 393	2 956,866	28 355,925	9,590	9,119							
45	68	86 423	2 707,439	25 399,059	9,381	8,910							
46	69	85 394	2 477,046	22 691,619	9,161	8,690							
47	70	84 278	2 263,587	20 214,574	8,930	8,459							
48	71	83 059	2 065,611	17 950,987	8,690	8,219							
49	72	81 727	1 881,919	15 885,375	8,441	7,970							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß   8,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	24	99 361	99 361,342	1 306 952,732	13,154	12,682	50	74	78 950	1 683,310	13 376,609	7,947	7,476
1	25	98 957	91 626,874	1 207 591,390	13,179	12,708	51	75	77 171	1 523,499	11 693,299	7,675	7,204
2	26	98 903	84 793,281	1 115 964,516	13,161	12,690	52	76	75 158	1 373,847	10 169,800	7,402	6,931
3	27	98 861	78 478,900	1 031 171,235	13,139	12,668	53	77	72 950	1 234,712	8 795,953	7,124	6,653
4	28	98 821	72 636,025	952 692,335	13,116	12,645	54	78	70 536	1 105,421	7 561,242	6,840	6,369
5	29	98 782	67 229,643	880 056,310	13,090	12,619	55	79	67 851	984,579	6 455,821	6,557	6,086
6	30	98 743	62 225,085	812 826,667	13,063	12,592	56	80	64 945	872,605	5 471,242	6,270	5,799
7	31	98 705	57 593,427	750 601,582	13,033	12,562	57	81	61 779	768,579	4 598,637	5,983	5,512
8	32	98 667	53 306,748	693 008,156	13,000	12,529	58	82	58 366	672,327	3 830,058	5,697	5,226
9	33	98 624	49 336,494	639 701,408	12,966	12,495	59	83	54 662	583,023	3 157,731	5,416	4,945
10	34	98 580	45 661,650	590 364,913	12,929	12,458	60	84	50 745	501,154	2 574,708	5,138	4,667
11	35	98 529	42 257,569	544 703,264	12,890	12,419	61	85	46 586	426,001	2 073,554	4,867	4,396
12	36	98 482	39 108,459	502 445,694	12,847	12,376	62	86	42 254	357,764	1 647,553	4,605	4,134
13	37	98 424	36 190,300	463 337,235	12,803	12,332	63	87	37 814	296,453	1 289,790	4,351	3,880
14	38	98 361	33 487,940	427 146,934	12,755	12,284	64	88	33 293	241,673	993,337	4,110	3,639
15	39	98 291	30 985,438	393 658,994	12,705	12,234	65	89	28 810	193,639	751,663	3,882	3,411
16	40	98 209	28 666,136	362 673,556	12,652	12,181	66	90	24 360	151,604	558,024	3,681	3,210
17	41	98 114	26 517,085	334 007,420	12,596	12,125	67	91	20 249	116,682	406,420	3,483	3,012
18	42	98 002	24 524,866	307 490,335	12,538	12,067	68	92	16 353	87,254	289,738	3,321	2,850
19	43	97 867	22 677,074	282 965,468	12,478	12,007	69	93	13 005	64,248	202,485	3,152	2,681
20	44	97 719	20 965,540	260 288,395	12,415	11,944	70	94	10 094	46,172	138,236	2,994	2,523
21	45	97 557	19 380,304	239 322,855	12,349	11,878	71	95	7 636	32,342	92,064	2,847	2,376
22	46	97 381	17 912,264	219 942,551	12,279	11,808	72	96	5 621	22,044	59,722	2,709	2,238
23	47	97 192	16 553,259	202 030,287	12,205	11,734	73	97	4 021	14,601	37,678	2,580	2,109
24	48	96 982	15 294,030	185 477,028	12,127	11,656	74	98	2 790	9,381	23,077	2,460	1,989
25	49	96 757	14 128,186	170 182,998	12,046	11,575	75	99	1 873	5,831	13,696	2,349	1,878
26	50	96 504	13 047,564	156 054,812	11,960	11,489	76	100	1 215	3,503	7,865	2,245	1,774
27	51	96 236	12 047,459	143 007,248	11,870	11,399							
28	52	95 940	11 120,717	130 959,789	11,776	11,305							
29	53	95 619	10 262,521	119 839,072	11,677	11,206							
30	54	95 269	9 467,535	109 576,551	11,574	11,103							
31	55	94 904	8 732,670	100 109,016	11,464	10,993							
32	56	94 500	8 051,405	91 376,346	11,349	10,878							
33	57	94 074	7 421,423	83 324,941	11,228	10,757							
34	58	93 627	6 839,001	75 903,518	11,099	10,628							
35	59	93 140	6 299,467	69 064,517	10,964	10,493							
36	60	92 622	5 800,421	62 765,050	10,821	10,350							
37	61	92 042	5 337,110	56 964,629	10,673	10,202							
38	62	91 426	4 908,707	51 627,520	10,518	10,046							
39	63	90 749	4 511,466	46 718,813	10,356	9,885							
40	64	90 035	4 144,374	42 207,347	10,184	9,713							
41	65	89 258	3 804,294	38 062,973	10,005	9,534							
42	66	88 440	3 490,198	34 258,679	9,816	9,345							
43	67	87 549	3 199,120	30 768,481	9,618	9,147							
44	68	86 595	2 929,863	27 569,361	9,410	8,939							
45	69	85 583	2 681,148	24 639,498	9,190	8,719							
46	70	84 487	2 450,736	21 958,349	8,960	8,489							
47	71	83 300	2 237,319	19 507,613	8,719	8,248							
48	72	81 990	2 039,012	17 270,295	8,470	7,999							
49	73	80 544	1 854,673	15 231,282	8,212	7,741							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß   8,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$\overset{(12)}{ä}_{xy}$
0	25	99 341	99 341,258	1 305 034,206	13,137	12,666	50	75	77 481	1 651,988	12 722,541	7,701	7,230
1	26	98 935	91 606,718	1 205 692,948	13,162	12,691	51	76	75 515	1 490,808	11 070,553	7,426	6,955
2	27	98 879	84 773,213	1 114 086,230	13,142	12,671	52	77	73 317	1 340,198	9 579,745	7,148	6,677
3	28	98 834	78 457,817	1 029 313,017	13,119	12,648	53	78	70 927	1 200,481	8 239,548	6,864	6,392
4	29	98 796	72 617,657	950 855,200	13,094	12,623	54	79	68 274	1 069,972	7 039,067	6,579	6,108
5	30	98 754	67 210,353	878 237,543	13,067	12,596	55	80	65 388	948,833	5 969,095	6,291	5,820
6	31	98 715	62 207,473	811 027,190	13,037	12,566	56	81	62 233	836,160	5 020,262	6,004	5,533
7	32	98 675	57 576,032	748 819,717	13,006	12,535	57	82	58 839	732,002	4 184,102	5,716	5,245
8	33	98 632	53 287,852	691 243,685	12,972	12,501	58	83	55 147	635,252	3 452,100	5,434	4,963
9	34	98 588	49 318,455	637 955,832	12,935	12,464	59	84	51 234	546,461	2 816,848	5,155	4,684
10	35	98 538	45 642,254	588 637,377	12,897	12,426	60	85	47 076	464,912	2 270,387	4,883	4,412
11	36	98 490	42 240,761	542 995,123	12,855	12,384	61	86	42 731	390,748	1 805,475	4,621	4,150
12	37	98 435	39 089,875	500 754,362	12,810	12,339	62	87	38 273	324,054	1 414,727	4,366	3,895
13	38	98 371	36 170,986	461 664,488	12,763	12,292	63	88	33 719	264,350	1 090,673	4,126	3,655
14	39	98 306	33 469,297	425 493,501	12,713	12,242	64	89	29 221	212,120	826,324	3,896	3,425
15	40	98 226	30 964,940	392 024,205	12,660	12,189	65	90	24 733	166,236	614,204	3,695	3,224
16	41	98 139	28 645,891	361 059,265	12,604	12,133	66	91	20 589	128,136	447,968	3,496	3,025
17	42	98 035	26 495,832	332 413,374	12,546	12,075	67	92	16 651	95,949	319,832	3,333	2,862
18	43	97 915	24 503,037	305 917,542	12,485	12,014	68	93	13 259	70,743	223,882	3,165	2,694
19	44	97 767	22 653,854	281 414,504	12,422	11,951	69	94	10 309	50,933	153,139	3,007	2,536
20	45	97 610	20 941,992	258 760,651	12,356	11,885	70	95	7 814	35,743	102,207	2,860	2,388
21	46	97 433	19 355,706	237 818,658	12,287	11,816	71	96	5 765	24,416	66,464	2,722	2,251
22	47	97 244	17 887,024	218 462,953	12,213	11,742	72	97	4 133	16,209	42,048	2,594	2,123
23	48	97 033	16 526,192	200 575,929	12,137	11,666	73	98	2 876	10,443	25,839	2,474	2,003
24	49	96 811	15 266,984	184 049,737	12,055	11,584	74	99	1 939	6,518	15,395	2,362	1,891
25	50	96 557	14 099,115	168 782,753	11,971	11,500	75	100	1 263	3,931	8,877	2,259	1,788
26	51	96 292	13 018,820	154 683,638	11,882	11,410							
27	52	96 000	12 017,982	141 664,818	11,788	11,317							
28	53	95 676	11 090,187	129 646,836	11,690	11,219							
29	54	95 331	10 231,666	118 556,649	11,587	11,116							
30	55	94 965	9 437,322	108 324,983	11,478	11,007							
31	56	94 568	8 701,728	98 887,661	11,364	10,893							
32	57	94 144	8 021,033	90 185,933	11,244	10,773							
33	58	93 698	7 391,763	82 164,899	11,116	10,645							
34	59	93 214	6 808,825	74 773,136	10,982	10,511							
35	60	92 700	6 269,721	67 964,311	10,840	10,369							
36	61	92 123	5 769,160	61 694,590	10,694	10,223							
37	62	91 513	5 306,439	55 925,430	10,539	10,068							
38	63	90 849	4 877,745	50 618,992	10,378	9,906							
39	64	90 138	4 481,068	45 741,247	10,208	9,737							
40	65	89 373	4 113,915	41 260,179	10,029	9,558							
41	66	88 561	3 774,583	37 146,263	9,841	9,370							
42	67	87 683	3 460,342	33 371,680	9,644	9,173							
43	68	86 750	3 169,905	29 911,338	9,436	8,965							
44	69	85 754	2 901,412	26 741,434	9,217	8,746							
45	70	84 674	2 652,670	23 840,021	8,987	8,516							
46	71	83 506	2 422,296	21 187,351	8,747	8,276							
47	72	82 227	2 208,508	18 765,055	8,497	8,026							
48	73	80 803	2 009,492	16 556,547	8,239	7,768							
49	74	79 234	1 824,514	14 547,055	7,973	7,502							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß   8,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	49	93 528	1 994,131	21 968,746	11,017	10,546
1	0	99 613	92 234,461	1 229 452,739	13,330	12,859	51	50	92 962	1 835,247	19 974,615	10,884	10,413
2	1	99 267	85 105,176	1 137 218,278	13,363	12,891	52	51	92 318	1 687,537	18 139,368	10,749	10,278
3	2	99 222	78 765,419	1 052 113,102	13,358	12,887	53	52	91 632	1 550,908	16 451,831	10,608	10,137
4	3	99 193	72 909,940	973 347,684	13,350	12,879	54	53	90 876	1 424,179	14 900,922	10,463	9,992
5	4	99 169	67 492,697	900 437,743	13,341	12,870	55	54	90 041	1 306,578	13 476,743	10,315	9,843
6	5	99 146	62 479,039	832 945,046	13,332	12,861	56	55	89 147	1 197,774	12 170,165	10,161	9,690
7	6	99 126	57 839,003	770 466,007	13,321	12,850	57	56	88 183	1 097,065	10 972,391	10,002	9,531
8	7	99 109	53 545,557	712 627,003	13,309	12,838	58	57	87 144	1 003,828	9 875,327	9,838	9,367
9	8	99 092	49 570,834	659 081,447	13,296	12,825	59	58	86 032	917,614	8 871,499	9,668	9,197
10	9	99 077	45 891,936	609 510,612	13,281	12,810	60	59	84 835	837,821	7 953,885	9,494	9,022
11	10	99 062	42 485,805	563 618,676	13,266	12,795	61	60	83 557	764,074	7 116,063	9,313	8,842
12	11	99 046	39 332,541	521 132,871	13,249	12,778	62	61	82 179	695,806	6 351,990	9,129	8,658
13	12	99 027	36 412,054	481 800,330	13,232	12,761	63	62	80 727	632,883	5 656,183	8,937	8,466
14	13	99 008	33 708,413	445 388,276	13,213	12,742	64	63	79 204	574,944	5 023,300	8,737	8,266
15	14	98 984	31 204,013	411 679,863	13,193	12,722	65	64	77 561	521,316	4 448,355	8,533	8,062
16	15	98 956	28 884,330	380 475,850	13,172	12,701	66	65	75 832	471,937	3 927,040	8,321	7,850
17	16	98 918	26 734,441	351 591,520	13,151	12,680	67	66	73 995	426,394	3 455,103	8,103	7,632
18	17	98 869	24 741,918	324 857,079	13,130	12,659	68	67	72 050	384,433	3 028,709	7,878	7,407
19	18	98 806	22 894,479	300 115,161	13,109	12,638	69	68	70 025	345,952	2 644,276	7,643	7,172
20	19	98 735	21 183,392	277 220,682	13,087	12,616	70	69	67 893	310,572	2 298,324	7,400	6,929
21	20	98 661	19 599,653	256 037,290	13,063	12,592	71	70	65 643	278,034	1 987,752	7,149	6,678
22	21	98 586	18 133,993	236 437,637	13,038	12,567	72	71	63 263	248,109	1 709,718	6,891	6,420
23	22	98 513	16 778,300	218 303,643	13,011	12,540	73	72	60 756	220,625	1 461,609	6,625	6,154
24	23	98 440	15 523,858	201 525,343	12,982	12,511	74	73	58 089	195,315	1 240,984	6,354	5,883
25	24	98 362	14 362,616	186 001,485	12,950	12,479	75	74	55 209	171,881	1 045,669	6,084	5,613
26	25	98 288	13 288,725	171 638,870	12,916	12,445	76	75	52 153	150,341	873,788	5,812	5,341
27	26	98 209	12 294,521	158 350,144	12,880	12,409	77	76	48 910	130,548	723,447	5,542	5,071
28	27	98 124	11 373,918	146 055,623	12,841	12,370	78	77	45 482	112,405	592,899	5,275	4,804
29	28	98 039	10 522,249	134 681,705	12,800	12,329	79	78	41 885	95,848	480,494	5,013	4,542
30	29	97 949	9 733,955	124 159,456	12,755	12,284	80	79	38 156	80,847	384,646	4,758	4,287
31	30	97 859	9 004,569	114 425,502	12,707	12,236	81	80	34 379	67,447	303,799	4,504	4,033
32	31	97 761	8 329,255	105 420,932	12,657	12,186	82	81	30 543	55,483	236,352	4,260	3,789
33	32	97 660	7 704,276	97 091,677	12,602	12,131	83	82	26 753	44,998	180,868	4,019	3,548
34	33	97 551	7 125,617	89 387,401	12,545	12,073	84	83	23 055	35,907	135,870	3,784	3,313
35	34	97 438	6 590,150	82 261,784	12,483	12,011	85	84	19 488	28,102	99,963	3,557	3,086
36	35	97 314	6 094,275	75 671,634	12,417	11,946	86	85	16 114	21,517	71,861	3,340	2,869
37	36	97 190	5 635,635	69 577,358	12,346	11,875	87	86	12 994	16,064	50,345	3,134	2,663
38	37	97 052	5 210,751	63 941,724	12,271	11,800	88	87	10 178	11,651	34,280	2,942	2,471
39	38	96 893	4 816,894	58 730,973	12,193	11,722	89	88	7 730	8,193	22,629	2,762	2,291
40	39	96 728	4 452,487	53 914,078	12,109	11,638	90	89	5 649	5,545	14,436	2,604	2,133
41	40	96 540	4 114,661	49 461,591	12,021	11,550	91	90	3 996	3,632	8,892	2,448	1,977
42	41	96 340	3 801,966	45 346,931	11,927	11,456	92	91	2 703	2,274	5,260	2,313	1,842
43	42	96 115	3 512,138	41 544,964	11,829	11,358	93	92	1 742	1,357	2,986	2,200	1,729
44	43	95 859	3 243,291	38 032,827	11,727	11,256	94	93	1 081	0,780	1,629	2,089	1,618
45	44	95 570	2 994,004	34 789,535	11,620	11,149	95	94	640	0,427	0,849	1,988	1,517
46	45	95 251	2 762,979	31 795,531	11,508	11,037	96	95	360	0,223	0,422	1,896	1,425
47	46	94 895	2 548,747	29 032,552	11,391	10,920	97	96	192	0,110	0,199	1,812	1,341
48	47	94 488	2 349,822	26 483,805	11,271	10,800	98	97	97	0,051	0,089	1,735	1,264
49	48	94 031	2 165,237	24 133,983	11,146	10,675	99	98	46	0,023	0,038	1,666	1,195
							100	99	21	0,009	0,015	1,602	1,131

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß   8,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	48	93 694	1 997,664	22 092,486	11,059	10,588
1							51	49	93 154	1 839,031	20 094,822	10,927	10,456
2	0	99 581	85 374,334	1 137 792,621	13,327	12,856	52	50	92 522	1 691,263	18 255,791	10,794	10,323
3	1	99 248	78 786,215	1 052 418,286	13,358	12,887	53	51	91 856	1 554,712	16 564,528	10,654	10,183
4	2	99 208	72 920,801	973 632,071	13,352	12,881	54	52	91 126	1 428,100	15 009,816	10,510	10,039
5	3	99 180	67 500,239	900 711,270	13,344	12,873	55	53	90 313	1 310,518	13 581,716	10,364	9,893
6	4	99 158	62 486,487	833 211,030	13,334	12,863	56	54	89 432	1 201,609	12 271,198	10,212	9,741
7	5	99 136	57 844,850	770 724,544	13,324	12,853	57	55	88 497	1 100,966	11 069,590	10,054	9,583
8	6	99 118	53 550,220	712 879,694	13,312	12,841	58	56	87 474	1 007,629	9 968,624	9,893	9,422
9	7	99 101	49 575,089	659 329,474	13,300	12,829	59	57	86 378	921,296	8 960,995	9,727	9,255
10	8	99 085	45 895,316	609 754,384	13,286	12,815	60	58	85 211	841,534	8 039,699	9,554	9,083
11	9	99 068	42 488,736	563 859,068	13,271	12,800	61	59	83 954	767,699	7 198,165	9,376	8,905
12	10	99 053	39 335,332	521 370,332	13,255	12,783	62	60	82 624	699,577	6 430,466	9,192	8,721
13	11	99 035	36 414,966	482 035,000	13,237	12,766	63	61	81 194	636,541	5 730,889	9,003	8,532
14	12	99 016	33 711,126	445 620,033	13,219	12,748	64	62	79 707	578,594	5 094,347	8,805	8,334
15	13	98 993	31 206,808	411 908,907	13,199	12,728	65	63	78 087	524,852	4 515,753	8,604	8,133
16	14	98 967	28 887,461	380 702,099	13,179	12,708	66	64	76 393	475,431	3 990,902	8,394	7,923
17	15	98 930	26 737,805	351 814,637	13,158	12,687	67	65	74 577	429,750	3 515,471	8,180	7,709
18	16	98 884	24 745,726	325 076,833	13,137	12,666	68	66	72 672	387,750	3 085,721	7,958	7,487
19	17	98 822	22 898,153	300 331,107	13,116	12,645	69	67	70 671	349,140	2 697,971	7,727	7,256
20	18	98 757	21 188,232	277 432,954	13,094	12,623	70	68	68 559	313,617	2 348,830	7,489	7,018
21	19	98 682	19 603,702	256 244,722	13,071	12,600	71	69	66 347	281,019	2 035,213	7,242	6,771
22	20	98 608	18 138,020	236 641,020	13,047	12,576	72	70	64 006	251,022	1 754,194	6,988	6,517
23	21	98 534	16 781,812	218 503,000	13,020	12,549	73	71	61 548	223,503	1 503,172	6,726	6,254
24	22	98 462	15 527,341	201 721,188	12,991	12,520	74	72	58 942	198,184	1 279,669	6,457	5,986
25	23	98 385	14 365,899	186 193,846	12,961	12,490	75	73	56 122	174,722	1 081,485	6,190	5,719
26	24	98 308	13 291,412	171 827,947	12,928	12,457	76	74	53 142	153,191	906,762	5,919	5,448
27	25	98 231	12 297,226	158 536,535	12,892	12,421	77	75	49 983	133,411	753,571	5,648	5,177
28	26	98 147	11 376,610	146 239,309	12,854	12,383	78	76	46 624	115,227	620,160	5,382	4,911
29	27	98 065	10 525,077	134 862,698	12,813	12,342	79	77	43 080	98,581	504,933	5,122	4,651
30	28	97 974	9 736,417	124 337,622	12,770	12,299	80	78	39 420	83,525	406,351	4,865	4,394
31	29	97 887	9 007,154	114 601,205	12,723	12,252	81	79	35 674	69,988	322,826	4,613	4,142
32	30	97 789	8 331,613	105 594,051	12,674	12,203	82	80	31 874	57,902	252,838	4,367	3,896
33	31	97 689	7 706,604	97 262,438	12,621	12,150	83	81	28 089	47,247	194,936	4,126	3,655
34	32	97 585	7 128,144	89 555,834	12,564	12,093	84	82	24 401	38,002	147,689	3,886	3,415
35	33	97 473	6 592,560	82 427,690	12,503	12,032	85	83	20 792	29,982	109,687	3,658	3,187
36	34	97 356	6 096,865	75 835,130	12,438	11,967	86	84	17 371	23,194	79,705	3,436	2,965
37	35	97 229	5 637,877	69 738,265	12,370	11,899	87	85	14 166	17,514	56,511	3,227	2,756
38	36	97 098	5 213,229	64 100,388	12,296	11,825	88	86	11 236	12,863	38,997	3,032	2,561
39	37	96 945	4 819,466	58 887,159	12,219	11,748	89	87	8 668	9,188	26,134	2,844	2,373
40	38	96 782	4 454,967	54 067,693	12,136	11,665	90	88	6 437	6,317	16,946	2,683	2,212
41	39	96 604	4 117,384	49 612,726	12,050	11,579	91	89	4 655	4,230	10,629	2,513	2,042
42	40	96 408	3 804,653	45 495,341	11,958	11,487	92	90	3 198	2,691	6,399	2,378	1,907
43	41	96 193	3 514,955	41 690,688	11,861	11,390	93	91	2 118	1,650	3,708	2,247	1,776
44	42	95 944	3 246,181	38 175,733	11,760	11,289	94	92	1 333	0,962	2,058	2,140	1,669
45	43	95 668	2 997,073	34 929,552	11,655	11,184	95	93	807	0,539	1,096	2,034	1,563
46	44	95 358	2 766,086	31 932,479	11,544	11,073	96	94	465	0,288	0,557	1,938	1,467
47	45	95 016	2 551,986	29 166,393	11,429	10,958	97	95	255	0,146	0,270	1,850	1,379
48	46	94 621	2 353,138	26 614,408	11,310	10,839	98	96	132	0,070	0,124	1,770	1,299
49	47	94 185	2 168,783	24 261,269	11,187	10,716	99	97	65	0,032	0,054	1,698	1,227
							100	98	30	0,014	0,022	1,632	1,161

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 8,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	47	93 847	2 000,936	22 206,362	11,098	10,627
1							51	48	93 319	1 842,289	20 205,426	10,968	10,497
2							52	49	92 713	1 694,750	18 363,137	10,835	10,364
3	0	99 562	79 035,389	1 052 945,953	13,322	12,851	53	50	92 059	1 558,145	16 668,387	10,698	10,227
4	1	99 234	72 940,055	973 910,563	13,352	12,881	54	51	91 349	1 431,603	15 110,242	10,555	10,084
5	2	99 195	67 510,294	900 970,508	13,346	12,875	55	52	90 561	1 314,126	13 678,639	10,409	9,938
6	3	99 169	62 493,469	833 460,214	13,337	12,866	56	53	89 702	1 205,232	12 364,514	10,259	9,788
7	4	99 148	57 851,745	770 966,745	13,327	12,856	57	54	88 780	1 104,491	11 159,281	10,104	9,633
8	5	99 128	53 555,633	713 115,000	13,315	12,844	58	55	87 785	1 011,212	10 054,791	9,943	9,472
9	6	99 109	49 579,407	659 559,367	13,303	12,832	59	56	86 705	924,785	9 043,579	9,779	9,308
10	7	99 093	45 899,256	609 979,960	13,290	12,818	60	57	85 553	844,911	8 118,795	9,609	9,138
11	8	99 076	42 491,865	564 080,704	13,275	12,804	61	58	84 326	771,101	7 273,884	9,433	8,962
12	9	99 060	39 338,046	521 588,839	13,259	12,788	62	59	83 016	702,896	6 502,782	9,251	8,780
13	10	99 042	36 417,551	482 250,793	13,242	12,771	63	60	81 634	639,991	5 799,887	9,062	8,591
14	11	99 024	33 713,822	445 833,242	13,224	12,753	64	61	80 167	581,938	5 159,896	8,867	8,396
15	12	99 001	31 209,321	412 119,419	13,205	12,734	65	62	78 583	528,184	4 577,958	8,667	8,196
16	13	98 976	28 890,049	380 910,099	13,185	12,714	66	63	76 911	478,656	4 049,774	8,461	7,990
17	14	98 941	26 740,703	352 020,050	13,164	12,693	67	64	75 130	432,932	3 571,118	8,249	7,778
18	15	98 897	24 748,839	325 279,347	13,143	12,672	68	65	73 244	390,802	3 138,186	8,030	7,559
19	16	98 837	22 901,677	300 530,508	13,123	12,652	69	66	71 280	352,153	2 747,384	7,802	7,331
20	17	98 773	21 191,633	277 628,831	13,101	12,630	70	67	69 191	316,508	2 395,232	7,568	7,097
21	18	98 704	19 608,181	256 437,198	13,078	12,607	71	68	66 998	283,775	2 078,724	7,325	6,854
22	19	98 628	18 141,767	236 829,017	13,054	12,583	72	69	64 693	253,717	1 794,949	7,075	6,604
23	20	98 556	16 785,539	218 687,250	13,028	12,557	73	70	62 271	226,127	1 541,232	6,816	6,345
24	21	98 482	15 530,592	201 901,712	13,000	12,529	74	71	59 711	200,770	1 315,105	6,550	6,079
25	22	98 407	14 369,123	186 371,120	12,970	12,499	75	72	56 946	177,289	1 114,335	6,285	5,814
26	23	98 330	13 294,451	172 001,997	12,938	12,467	76	73	54 021	155,723	937,046	6,017	5,546
27	24	98 251	12 299,712	158 707,546	12,903	12,432	77	74	50 930	135,940	781,323	5,748	5,276
28	25	98 169	11 379,113	146 407,834	12,866	12,395	78	75	47 646	117,754	645,382	5,481	5,010
29	26	98 088	10 527,568	135 028,721	12,826	12,355	79	76	44 161	101,057	527,628	5,221	4,750
30	27	98 001	9 739,033	124 501,152	12,784	12,313	80	77	40 544	85,907	426,572	4,966	4,494
31	28	97 912	9 009,432	114 762,119	12,738	12,267	81	78	36 856	72,307	340,665	4,711	4,240
32	29	97 817	8 334,004	105 752,687	12,689	12,218	82	79	33 075	60,083	268,358	4,466	3,995
33	30	97 717	7 708,786	97 418,683	12,637	12,166	83	80	29 314	49,306	208,275	4,224	3,753
34	31	97 615	7 130,297	89 709,897	12,582	12,110	84	81	25 620	39,901	158,969	3,984	3,513
35	32	97 508	6 594,898	82 579,600	12,522	12,051	85	82	22 005	31,732	119,067	3,752	3,281
36	33	97 391	6 099,095	75 984,702	12,458	11,987	86	83	18 533	24,746	87,335	3,529	3,058
37	34	97 270	5 640,273	69 885,606	12,390	11,919	87	84	15 270	18,879	62,589	3,315	2,844
38	35	97 136	5 215,303	64 245,334	12,319	11,848	88	85	12 250	14,023	43,710	3,117	2,646
39	36	96 991	4 821,758	59 030,031	12,242	11,771	89	86	9 570	10,144	29,687	2,927	2,456
40	37	96 834	4 457,346	54 208,273	12,162	11,691	90	87	7 218	7,084	19,543	2,759	2,288
41	38	96 658	4 119,678	49 750,927	12,076	11,605	91	88	5 304	4,820	12,459	2,585	2,114
42	39	96 472	3 807,172	45 631,249	11,986	11,515	92	89	3 725	3,134	7,639	2,437	1,966
43	40	96 260	3 517,439	41 824,077	11,890	11,419	93	90	2 506	1,952	4,505	2,307	1,836
44	41	96 021	3 248,784	38 306,638	11,791	11,320	94	91	1 621	1,169	2,553	2,183	1,712
45	42	95 753	2 999,743	35 057,853	11,687	11,216	95	92	995	0,665	1,383	2,081	1,610
46	43	95 456	2 768,921	32 058,110	11,578	11,107	96	93	587	0,363	0,719	1,981	1,510
47	44	95 122	2 554,855	29 289,189	11,464	10,993	97	94	329	0,188	0,356	1,889	1,418
48	45	94 741	2 356,129	26 734,334	11,347	10,876	98	95	175	0,093	0,167	1,806	1,335
49	46	94 318	2 171,844	24 378,205	11,225	10,754	99	96	88	0,043	0,075	1,730	1,259
							100	97	42	0,019	0,032	1,661	1,190

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß   8,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	46	93 980	2 003,759	22 310,916	11,135	10,663
1							51	47	93 472	1 845,306	20 307,156	11,005	10,534
2							52	48	92 877	1 697,753	18 461,850	10,874	10,403
3							53	49	92 249	1 561,358	16 764,098	10,737	10,266
4	0	99 548	73 170,739	974 395,298	13,317	12,846	54	50	91 551	1 434,763	15 202,740	10,596	10,125
5	1	99 221	67 528,119	901 224,558	13,346	12,875	55	51	90 784	1 317,349	13 767,976	10,451	9,980
6	2	99 184	62 502,778	833 696,439	13,339	12,868	56	52	89 949	1 208,550	12 450,628	10,302	9,831
7	3	99 159	57 858,210	771 193,661	13,329	12,858	57	53	89 048	1 107,821	11 242,077	10,148	9,677
8	4	99 140	53 562,017	713 335,451	13,318	12,847	58	54	88 066	1 014,449	10 134,256	9,990	9,519
9	5	99 119	49 584,419	659 773,434	13,306	12,835	59	55	87 013	928,073	9 119,807	9,827	9,356
10	6	99 102	45 903,253	610 189,015	13,293	12,822	60	56	85 877	848,110	8 191,734	9,659	9,188
11	7	99 084	42 495,513	564 285,762	13,279	12,808	61	57	84 664	774,195	7 343,624	9,485	9,014
12	8	99 067	39 340,943	521 790,249	13,263	12,792	62	58	83 384	706,011	6 569,429	9,305	8,834
13	9	99 049	36 420,063	482 449,306	13,247	12,776	63	59	82 021	643,027	5 863,418	9,118	8,647
14	10	99 031	33 716,215	446 029,243	13,229	12,758	64	60	80 602	585,092	5 220,391	8,922	8,451
15	11	99 009	31 211,817	412 313,028	13,210	12,739	65	61	79 037	531,236	4 635,299	8,725	8,254
16	12	98 984	28 892,375	381 101,211	13,190	12,719	66	62	77 400	481,694	4 104,063	8,520	8,049
17	13	98 950	26 743,098	352 208,836	13,170	12,699	67	63	75 639	435,869	3 622,369	8,311	7,840
18	14	98 908	24 751,522	325 465,738	13,149	12,678	68	64	73 786	393,695	3 186,500	8,094	7,623
19	15	98 849	22 904,558	300 714,216	13,129	12,658	69	65	71 842	354,925	2 792,805	7,869	7,398
20	16	98 788	21 194,894	277 809,658	13,107	12,636	70	66	69 788	319,239	2 437,880	7,637	7,165
21	17	98 720	19 611,328	256 614,764	13,085	12,614	71	67	67 615	286,390	2 118,641	7,398	6,927
22	18	98 651	18 145,911	237 003,436	13,061	12,590	72	68	65 328	256,205	1 832,251	7,152	6,680
23	19	98 576	16 789,006	218 857,524	13,036	12,565	73	69	62 940	228,554	1 576,046	6,896	6,425
24	20	98 504	15 534,040	202 068,518	13,008	12,537	74	70	60 412	203,127	1 347,492	6,634	6,163
25	21	98 427	14 372,131	186 534,478	12,979	12,508	75	71	57 689	179,602	1 144,365	6,372	5,901
26	22	98 353	13 297,434	172 162,347	12,947	12,476	76	72	54 814	158,011	964,763	6,106	5,635
27	23	98 273	12 302,524	158 864,913	12,913	12,442	77	73	51 772	138,188	806,752	5,838	5,367
28	24	98 189	11 381,414	146 562,389	12,877	12,406	78	74	48 550	119,987	668,564	5,572	5,101
29	25	98 110	10 529,885	135 180,975	12,838	12,367	79	75	45 130	103,273	548,577	5,312	4,841
30	26	98 024	9 741,338	124 651,090	12,796	12,325	80	76	41 562	88,064	445,305	5,057	4,586
31	27	97 938	9 011,853	114 909,752	12,751	12,280	81	77	37 907	74,369	357,241	4,804	4,333
32	28	97 842	8 336,112	105 897,899	12,704	12,232	82	78	34 171	62,073	282,872	4,557	4,086
33	29	97 745	7 710,998	97 561,786	12,652	12,181	83	79	30 418	51,163	220,798	4,316	3,845
34	30	97 642	7 132,316	89 850,788	12,598	12,127	84	80	26 737	41,640	169,635	4,074	3,603
35	31	97 537	6 596,891	82 718,472	12,539	12,068	85	81	23 105	33,318	127,994	3,842	3,371
36	32	97 426	6 101,258	76 121,581	12,476	12,005	86	82	19 614	26,190	94,676	3,615	3,144
37	33	97 306	5 642,336	70 020,324	12,410	11,939	87	83	16 292	20,142	68,487	3,400	2,929
38	34	97 178	5 217,519	64 377,988	12,339	11,868	88	84	13 205	15,116	48,344	3,198	2,727
39	35	97 030	4 823,676	59 160,468	12,265	11,794	89	85	10 433	11,059	33,228	3,005	2,534
40	36	96 880	4 459,465	54 336,792	12,185	11,714	90	86	7 969	7,821	22,169	2,834	2,363
41	37	96 709	4 121,878	49 877,327	12,101	11,630	91	87	5 948	5,405	14,348	2,655	2,183
42	38	96 525	3 809,293	45 755,449	12,012	11,540	92	88	4 244	3,571	8,943	2,504	2,033
43	39	96 324	3 519,768	41 946,156	11,917	11,446	93	89	2 919	2,274	5,372	2,362	1,891
44	40	96 089	3 251,080	38 426,389	11,820	11,349	94	90	1 918	1,384	3,098	2,239	1,768
45	41	95 830	3 002,149	35 175,308	11,717	11,246	95	91	1 210	0,808	1,714	2,121	1,650
46	42	95 541	2 771,388	32 173,159	11,609	11,138	96	92	723	0,447	0,906	2,024	1,553
47	43	95 220	2 557,474	29 401,771	11,496	11,025	97	93	415	0,238	0,458	1,929	1,458
48	44	94 848	2 358,778	26 844,297	11,381	10,910	98	94	226	0,120	0,221	1,843	1,371
49	45	94 437	2 174,604	24 485,519	11,260	10,789	99	95	117	0,057	0,101	1,764	1,293
							100	96	57	0,026	0,044	1,692	1,221

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß   8,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$ä^{(12)}_{xy}$
0							50	45	94 099	2 006,306	22 406,818	11,168	10,697
1							51	46	93 604	1 847,910	20 400,512	11,040	10,569
2							52	47	93 029	1 700,533	18 552,602	10,910	10,439
3							53	48	92 412	1 564,124	16 852,069	10,774	10,303
4							54	49	91 740	1 437,722	15 287,945	10,633	10,162
5	0	99 535	67 741,688	901 669,811	13,310	12,839	55	50	90 984	1 320,257	13 850,224	10,491	10,020
6	1	99 210	62 519,281	833 928,123	13,339	12,868	56	51	90 169	1 211,514	12 529,966	10,342	9,871
7	2	99 174	57 866,828	771 408,842	13,331	12,860	57	52	89 293	1 110,871	11 318,452	10,189	9,718
8	3	99 151	53 568,002	713 542,014	13,320	12,849	58	53	88 332	1 017,508	10 207,581	10,032	9,561
9	4	99 131	49 590,329	659 974,011	13,309	12,837	59	54	87 291	931,044	9 190,073	9,871	9,400
10	5	99 112	45 907,893	610 383,682	13,296	12,825	60	55	86 183	851,126	8 259,029	9,704	9,233
11	6	99 093	42 499,214	564 475,789	13,282	12,811	61	56	84 985	777,127	7 407,903	9,532	9,061
12	7	99 076	39 344,320	521 976,575	13,267	12,796	62	57	83 719	708,844	6 630,776	9,354	8,883
13	8	99 056	36 422,746	482 632,255	13,251	12,780	63	58	82 385	645,877	5 921,932	9,169	8,698
14	9	99 038	33 718,541	446 209,509	13,233	12,762	64	59	80 984	587,867	5 276,055	8,975	8,504
15	10	99 016	31 214,032	412 490,968	13,215	12,744	65	60	79 466	534,115	4 688,188	8,777	8,306
16	11	98 992	28 894,685	381 276,936	13,195	12,724	66	61	77 847	484,478	4 154,073	8,574	8,103
17	12	98 958	26 745,251	352 382,251	13,176	12,704	67	62	76 119	438,636	3 669,594	8,366	7,895
18	13	98 916	24 753,739	325 636,999	13,155	12,684	68	63	74 287	396,366	3 230,959	8,151	7,680
19	14	98 860	22 907,041	300 883,260	13,135	12,664	69	64	72 373	357,553	2 834,593	7,928	7,457
20	15	98 801	21 197,560	277 976,219	13,114	12,643	70	65	70 337	321,752	2 477,040	7,699	7,228
21	16	98 735	19 614,346	256 778,659	13,091	12,620	71	66	68 199	288,861	2 155,289	7,461	6,990
22	17	98 667	18 148,824	237 164,313	13,068	12,597	72	67	65 930	258,566	1 866,427	7,218	6,747
23	18	98 599	16 792,842	219 015,489	13,042	12,571	73	68	63 557	230,796	1 607,861	6,967	6,496
24	19	98 525	15 537,249	202 222,647	13,015	12,544	74	69	61 061	205,308	1 377,066	6,707	6,236
25	20	98 449	14 375,322	186 685,398	12,987	12,515	75	70	58 366	181,711	1 171,758	6,448	5,977
26	21	98 373	13 300,218	172 310,076	12,955	12,484	76	71	55 529	160,072	990,047	6,185	5,714
27	22	98 295	12 305,285	159 009,858	12,922	12,451	77	72	52 533	140,218	829,975	5,919	5,448
28	23	98 211	11 384,016	146 704,573	12,887	12,416	78	73	49 352	121,970	689,758	5,655	5,184
29	24	98 130	10 532,014	135 320,557	12,848	12,377	79	74	45 985	105,231	567,787	5,396	4,925
30	25	98 045	9 743,482	124 788,544	12,807	12,336	80	75	42 474	89,995	462,557	5,140	4,669
31	26	97 961	9 013,986	115 045,062	12,763	12,292	81	76	38 858	76,236	372,562	4,887	4,416
32	27	97 868	8 338,352	106 031,076	12,716	12,245	82	77	35 145	63,843	296,325	4,641	4,170
33	28	97 770	7 712,949	97 692,723	12,666	12,195	83	78	31 426	52,859	232,482	4,398	3,927
34	29	97 670	7 134,363	89 979,775	12,612	12,141	84	79	27 744	43,209	179,623	4,157	3,686
35	30	97 565	6 598,758	82 845,411	12,555	12,084	85	80	24 112	34,770	136,414	3,923	3,452
36	31	97 455	6 103,101	76 246,653	12,493	12,022	86	81	20 595	27,499	101,644	3,696	3,225
37	32	97 340	5 644,337	70 143,552	12,427	11,956	87	82	17 243	21,318	74,145	3,478	3,007
38	33	97 213	5 219,428	64 499,215	12,358	11,886	88	83	14 089	16,128	52,828	3,276	2,805
39	34	97 071	4 825,726	59 279,788	12,284	11,813	89	84	11 247	11,921	36,700	3,079	2,608
40	35	96 918	4 461,240	54 454,061	12,206	11,735	90	85	8 688	8,527	24,779	2,906	2,435
41	36	96 755	4 123,837	49 992,822	12,123	11,652	91	86	6 567	5,967	16,252	2,724	2,252
42	37	96 577	3 811,327	45 868,984	12,035	11,564	92	87	4 759	4,005	10,285	2,568	2,097
43	38	96 378	3 521,728	42 057,658	11,942	11,471	93	88	3 326	2,591	6,280	2,424	1,953
44	39	96 152	3 253,233	38 535,929	11,845	11,374	94	89	2 234	1,612	3,689	2,289	1,818
45	40	95 898	3 004,271	35 282,697	11,744	11,273	95	90	1 432	0,956	2,077	2,172	1,701
46	41	95 618	2 773,611	32 278,426	11,638	11,167	96	91	880	0,544	1,121	2,060	1,589
47	42	95 305	2 559,752	29 504,815	11,526	11,055	97	92	512	0,293	0,577	1,969	1,498
48	43	94 945	2 361,196	26 945,063	11,412	10,941	98	93	285	0,151	0,284	1,879	1,408
49	44	94 544	2 177,049	24 583,867	11,292	10,821	99	94	151	0,074	0,133	1,797	1,326
							100	95	75	0,034	0,059	1,723	1,251

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß   8,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	44	94 205	2 008,562	22 494,669	11,199	10,728
1							51	45	93 723	1 850,258	20 486,107	11,072	10,601
2							52	46	93 161	1 702,933	18 635,849	10,943	10,472
3							53	47	92 564	1 566,685	16 932,916	10,808	10,337
4							54	48	91 902	1 440,269	15 366,231	10,669	10,198
5							55	49	91 172	1 322,980	13 925,962	10,526	10,055
6	0	99 524	62 717,008	834 337,084	13,303	12,832	56	50	90 368	1 214,189	12 602,982	10,380	9,909
7	1	99 200	57 882,107	771 620,076	13,331	12,860	57	51	89 512	1 113,596	11 388,793	10,227	9,756
8	2	99 165	53 575,982	713 737,969	13,322	12,851	58	52	88 575	1 020,309	10 275,197	10,071	9,600
9	3	99 142	49 595,871	660 161,987	13,311	12,840	59	53	87 555	933,852	9 254,888	9,910	9,439
10	4	99 124	45 913,365	610 566,116	13,298	12,827	60	54	86 458	853,851	8 321,037	9,745	9,274
11	5	99 103	42 503,510	564 652,751	13,285	12,814	61	55	85 287	779,890	7 467,186	9,575	9,104
12	6	99 084	39 347,747	522 149,241	13,270	12,799	62	56	84 036	711,528	6 687,295	9,399	8,927
13	7	99 065	36 425,872	482 801,494	13,254	12,783	63	57	82 715	648,468	5 975,768	9,215	8,744
14	8	99 045	33 721,025	446 375,622	13,237	12,766	64	58	81 343	590,473	5 327,299	9,022	8,551
15	9	99 023	31 216,185	412 654,598	13,219	12,748	65	59	79 843	536,649	4 736,826	8,827	8,356
16	10	98 999	28 896,736	381 438,412	13,200	12,729	66	60	78 269	487,103	4 200,177	8,623	8,152
17	11	98 966	26 747,390	352 541,676	13,180	12,709	67	61	76 559	441,171	3 713,074	8,416	7,945
18	12	98 924	24 755,732	325 794,286	13,160	12,689	68	62	74 758	398,882	3 271,903	8,203	7,732
19	13	98 869	22 909,093	301 038,554	13,141	12,670	69	63	72 864	359,978	2 873,021	7,981	7,510
20	14	98 812	21 199,858	278 129,461	13,119	12,648	70	64	70 858	324,134	2 513,043	7,753	7,282
21	15	98 748	19 616,814	256 929,602	13,097	12,626	71	65	68 736	291,135	2 188,909	7,519	7,047
22	16	98 682	18 151,617	237 312,789	13,074	12,603	72	66	66 499	260,797	1 897,774	7,277	6,806
23	17	98 614	16 795,537	219 161,172	13,049	12,578	73	67	64 143	232,923	1 636,977	7,028	6,557
24	18	98 547	15 540,799	202 365,635	13,022	12,551	74	68	61 660	207,321	1 404,054	6,772	6,301
25	19	98 469	14 378,292	186 824,836	12,994	12,522	75	69	58 993	183,661	1 196,734	6,516	6,045
26	20	98 395	13 303,171	172 446,544	12,963	12,492	76	70	56 181	161,952	1 013,072	6,255	5,784
27	21	98 316	12 307,861	159 143,374	12,930	12,459	77	71	53 218	142,047	851,121	5,992	5,521
28	22	98 233	11 386,571	146 835,513	12,895	12,424	78	72	50 077	123,762	709,074	5,729	5,258
29	23	98 152	10 534,422	135 448,942	12,858	12,387	79	73	46 745	106,970	585,312	5,472	5,001
30	24	98 065	9 745,452	124 914,521	12,818	12,347	80	74	43 279	91,701	478,342	5,216	4,745
31	25	97 983	9 015,969	115 169,069	12,774	12,303	81	75	39 711	77,908	386,640	4,963	4,492
32	26	97 891	8 340,326	106 153,099	12,728	12,257	82	76	36 027	65,446	308,732	4,717	4,246
33	27	97 796	7 715,021	97 812,773	12,678	12,207	83	77	32 322	54,366	243,286	4,475	4,004
34	28	97 695	7 136,168	90 097,752	12,626	12,154	84	78	28 663	44,641	188,920	4,232	3,761
35	29	97 593	6 600,652	82 961,584	12,569	12,098	85	79	25 020	36,080	144,279	3,999	3,528
36	30	97 483	6 104,829	76 360,932	12,508	12,037	86	80	21 492	28,697	108,199	3,770	3,299
37	31	97 370	5 646,042	70 256,103	12,443	11,972	87	81	18 104	22,383	79,502	3,552	3,081
38	32	97 248	5 221,279	64 610,061	12,374	11,903	88	82	14 911	17,069	57,119	3,346	2,875
39	33	97 106	4 827,491	59 388,783	12,302	11,831	89	83	11 999	12,718	40,050	3,149	2,678
40	34	96 959	4 463,136	54 561,291	12,225	11,754	90	84	9 365	9,192	27,332	2,974	2,503
41	35	96 794	4 125,478	50 098,156	12,144	11,673	91	85	7 159	6,506	18,140	2,788	2,317
42	36	96 623	3 813,139	45 972,677	12,056	11,585	92	86	5 254	4,421	11,634	2,631	2,160
43	37	96 429	3 523,609	42 159,539	11,965	11,494	93	87	3 730	2,906	7,213	2,482	2,011
44	38	96 206	3 255,045	38 635,930	11,870	11,399	94	88	2 545	1,836	4,307	2,346	1,875
45	39	95 961	3 006,260	35 380,885	11,769	11,298	95	89	1 668	1,114	2,471	2,218	1,747
46	40	95 685	2 775,571	32 374,625	11,664	11,193	96	90	1 041	0,644	1,357	2,108	1,637
47	41	95 381	2 561,806	29 599,055	11,554	11,083	97	91	622	0,356	0,713	2,002	1,531
48	42	95 030	2 363,299	27 037,249	11,440	10,969	98	92	352	0,186	0,357	1,916	1,445
49	43	94 641	2 179,280	24 673,950	11,322	10,851	99	93	190	0,093	0,171	1,831	1,360
							100	94	97	0,044	0,078	1,754	1,283

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß   8,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	43	94 301	2 010,620	22 575,109	11,228	10,757
1							51	44	93 828	1 852,339	20 564,489	11,102	10,631
2							52	45	93 279	1 705,097	18 712,150	10,974	10,503
3							53	46	92 694	1 568,896	17 007,053	10,840	10,369
4							54	47	92 053	1 442,628	15 438,157	10,701	10,230
5							55	48	91 333	1 325,323	13 995,529	10,560	10,089
6							56	49	90 555	1 216,693	12 670,206	10,414	9,943
7	0	99 513	58 065,168	771 995,685	13,295	12,824	57	50	89 710	1 116,054	11 453,513	10,263	9,791
8	1	99 192	53 590,128	713 930,516	13,322	12,851	58	51	88 792	1 022,812	10 337,459	10,107	9,636
9	2	99 157	49 603,259	660 340,388	13,312	12,841	59	52	87 796	936,423	9 314,647	9,947	9,476
10	3	99 135	45 918,496	610 737,130	13,300	12,829	60	53	86 719	856,426	8 378,224	9,783	9,312
11	4	99 115	42 508,576	564 818,634	13,287	12,816	61	54	85 560	782,387	7 521,799	9,614	9,143
12	5	99 094	39 351,724	522 310,058	13,273	12,802	62	55	84 335	714,058	6 739,412	9,438	8,967
13	6	99 073	36 429,045	482 958,334	13,258	12,786	63	56	83 028	650,924	6 025,354	9,257	8,786
14	7	99 054	33 723,919	446 529,289	13,241	12,770	64	57	81 669	592,842	5 374,430	9,066	8,594
15	8	99 030	31 218,485	412 805,370	13,223	12,752	65	58	80 196	539,027	4 781,588	8,871	8,400
16	9	99 005	28 898,730	381 586,885	13,204	12,733	66	59	78 640	489,414	4 242,560	8,669	8,198
17	10	98 973	26 749,289	352 688,156	13,185	12,714	67	60	76 974	443,561	3 753,146	8,461	7,990
18	11	98 932	24 757,712	325 938,867	13,165	12,694	68	61	75 190	401,188	3 309,585	8,249	7,778
19	12	98 877	22 910,938	301 181,155	13,146	12,675	69	62	73 327	362,263	2 908,397	8,028	7,557
20	13	98 820	21 201,757	278 270,218	13,125	12,654	70	63	71 338	326,333	2 546,134	7,802	7,331
21	14	98 758	19 618,940	257 068,460	13,103	12,632	71	64	69 244	293,291	2 219,801	7,569	7,098
22	15	98 694	18 153,900	237 449,520	13,080	12,609	72	65	67 022	262,850	1 926,511	7,329	6,858
23	16	98 630	16 798,122	219 295,620	13,055	12,584	73	66	64 696	234,932	1 663,661	7,081	6,610
24	17	98 563	15 543,293	202 497,498	13,028	12,557	74	67	62 228	209,232	1 428,729	6,828	6,357
25	18	98 492	14 381,577	186 954,205	13,000	12,529	75	68	59 571	185,462	1 219,497	6,575	6,104
26	19	98 415	13 305,919	172 572,628	12,970	12,499	76	69	56 784	163,690	1 034,035	6,317	5,846
27	20	98 338	12 310,594	159 266,709	12,937	12,466	77	70	53 843	143,714	870,344	6,056	5,585
28	21	98 254	11 388,954	146 956,116	12,903	12,432	78	71	50 730	125,377	726,630	5,796	5,325
29	22	98 174	10 536,785	135 567,161	12,866	12,395	79	72	47 432	108,542	601,253	5,539	5,068
30	23	98 088	9 747,680	125 030,376	12,827	12,356	80	73	43 994	93,217	492,712	5,286	4,815
31	24	98 002	9 017,792	115 282,696	12,784	12,313	81	74	40 463	79,385	399,495	5,032	4,561
32	25	97 913	8 342,161	106 264,904	12,738	12,267	82	75	36 818	66,882	320,110	4,786	4,315
33	26	97 819	7 716,848	97 922,743	12,689	12,218	83	76	33 133	55,731	253,228	4,544	4,073
34	27	97 721	7 138,085	90 205,895	12,637	12,166	84	77	29 481	45,914	197,497	4,301	3,830
35	28	97 618	6 602,322	83 067,810	12,582	12,111	85	78	25 849	37,275	151,584	4,067	3,596
36	29	97 511	6 106,581	76 465,488	12,522	12,051	86	79	22 302	29,778	114,308	3,839	3,368
37	30	97 397	5 647,640	70 358,907	12,458	11,987	87	80	18 894	23,359	84,530	3,619	3,148
38	31	97 277	5 222,856	64 711,267	12,390	11,919	88	81	15 656	17,922	61,171	3,413	2,942
39	32	97 141	4 829,203	59 488,411	12,318	11,847	89	82	12 699	13,461	43,249	3,213	2,742
40	33	96 995	4 464,768	54 659,207	12,242	11,771	90	83	9 992	9,807	29,789	3,038	2,567
41	34	96 835	4 127,231	50 194,439	12,162	11,691	91	84	7 717	7,013	19,982	2,849	2,378
42	35	96 661	3 814,656	46 067,208	12,076	11,605	92	85	5 729	4,820	12,969	2,691	2,220
43	36	96 475	3 525,284	42 252,552	11,986	11,515	93	86	4 118	3,208	8,149	2,540	2,069
44	37	96 257	3 256,783	38 727,268	11,891	11,420	94	87	2 854	2,059	4,941	2,399	1,928
45	38	96 015	3 007,934	35 470,485	11,792	11,321	95	88	1 900	1,269	2,882	2,271	1,800
46	39	95 749	2 777,408	32 462,551	11,688	11,217	96	89	1 212	0,750	1,613	2,151	1,679
47	40	95 449	2 563,616	29 685,142	11,579	11,108	97	90	736	0,422	0,863	2,047	1,576
48	41	95 106	2 365,195	27 121,526	11,467	10,996	98	91	427	0,227	0,441	1,947	1,476
49	42	94 725	2 181,222	24 756,331	11,350	10,879	99	92	234	0,115	0,215	1,865	1,394
							100	93	123	0,056	0,100	1,785	1,314

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß   8,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	42	94 385	2 012,412	22 648,650	11,254	10,783
1							51	43	93 924	1 854,237	20 636,239	11,129	10,658
2							52	44	93 384	1 707,014	18 782,001	11,003	10,532
3							53	45	92 812	1 570,890	17 074,987	10,870	10,399
4							54	46	92 183	1 444,663	15 504,097	10,732	10,261
5							55	47	91 483	1 327,494	14 059,434	10,591	10,120
6							56	48	90 715	1 218,848	12 731,940	10,446	9,975
7							57	49	89 895	1 118,356	11 513,091	10,295	9,824
8	0	99 505	53 759,615	714 275,485	13,286	12,815	58	50	88 988	1 025,070	10 394,736	10,141	9,669
9	1	99 183	49 616,356	660 515,870	13,312	12,841	59	51	88 011	938,719	9 369,666	9,981	9,510
10	2	99 149	45 925,336	610 899,515	13,302	12,831	60	52	86 958	858,784	8 430,946	9,817	9,346
11	3	99 126	42 513,326	564 974,178	13,289	12,818	61	53	85 818	784,746	7 572,163	9,649	9,178
12	4	99 106	39 356,415	522 460,852	13,275	12,804	62	54	84 605	716,344	6 787,417	9,475	9,004
13	5	99 083	36 432,727	483 104,437	13,260	12,789	63	55	83 324	653,238	6 071,073	9,294	8,823
14	6	99 062	33 726,856	446 671,710	13,244	12,773	64	56	81 979	595,087	5 417,834	9,104	8,633
15	7	99 039	31 221,164	412 944,854	13,226	12,755	65	57	80 518	541,190	4 822,747	8,911	8,440
16	8	99 013	28 900,858	381 723,690	13,208	12,737	66	58	78 989	491,584	4 281,557	8,710	8,239
17	9	98 980	26 751,134	352 822,832	13,189	12,718	67	59	77 339	445,666	3 789,974	8,504	8,033
18	10	98 939	24 759,469	326 071,698	13,170	12,699	68	60	75 598	403,361	3 344,308	8,291	7,820
19	11	98 885	22 912,770	301 312,229	13,150	12,679	69	61	73 751	364,357	2 940,946	8,072	7,601
20	12	98 828	21 203,464	278 399,459	13,130	12,659	70	62	71 791	328,404	2 576,589	7,846	7,375
21	13	98 767	19 620,698	257 195,995	13,108	12,637	71	63	69 714	295,280	2 248,185	7,614	7,143
22	14	98 705	18 155,868	237 575,297	13,085	12,614	72	64	67 518	264,796	1 952,905	7,375	6,904
23	15	98 642	16 800,235	219 419,429	13,060	12,589	73	65	65 205	236,782	1 688,110	7,129	6,658
24	16	98 578	15 545,685	202 619,194	13,034	12,563	74	66	62 765	211,037	1 451,328	6,877	6,406
25	17	98 508	14 383,885	187 073,508	13,006	12,535	75	67	60 120	187,172	1 240,291	6,626	6,155
26	18	98 438	13 308,959	172 689,624	12,975	12,504	76	68	57 341	165,295	1 053,119	6,371	5,900
27	19	98 358	12 313,137	159 380,665	12,944	12,473	77	69	54 421	145,257	887,824	6,112	5,641
28	20	98 276	11 391,483	147 067,528	12,910	12,439	78	70	51 326	126,849	742,566	5,854	5,383
29	21	98 195	10 538,991	135 676,045	12,874	12,403	79	71	48 051	109,958	615,718	5,600	5,129
30	22	98 110	9 749,867	125 137,054	12,835	12,364	80	72	44 641	94,587	505,760	5,347	4,876
31	23	98 025	9 019,854	115 387,187	12,793	12,322	81	73	41 132	80,697	411,174	5,095	4,624
32	24	97 932	8 343,848	106 367,333	12,748	12,277	82	74	37 516	68,150	330,477	4,849	4,378
33	25	97 841	7 718,545	98 023,485	12,700	12,229	83	75	33 860	56,953	262,327	4,606	4,135
34	26	97 744	7 139,775	90 304,939	12,648	12,177	84	76	30 221	47,066	205,374	4,363	3,892
35	27	97 644	6 604,096	83 165,164	12,593	12,122	85	77	26 586	38,338	158,308	4,129	3,658
36	28	97 536	6 108,126	76 561,069	12,534	12,063	86	78	23 041	30,765	119,969	3,900	3,429
37	29	97 425	5 649,261	70 452,943	12,471	12,000	87	79	19 605	24,239	89,204	3,680	3,209
38	30	97 305	5 224,335	64 803,682	12,404	11,933	88	80	16 338	18,703	64,966	3,474	3,002
39	31	97 170	4 830,662	59 579,347	12,334	11,863	89	81	13 334	14,133	46,263	3,273	2,802
40	32	97 029	4 466,351	54 748,685	12,258	11,787	90	82	10 575	10,379	32,129	3,096	2,625
41	33	96 871	4 128,741	50 282,334	12,179	11,708	91	83	8 233	7,482	21,750	2,907	2,436
42	34	96 702	3 816,277	46 153,593	12,094	11,623	92	84	6 175	5,196	14,268	2,746	2,275
43	35	96 514	3 526,687	42 337,316	12,005	11,534	93	85	4 489	3,497	9,072	2,594	2,123
44	36	96 303	3 258,331	38 810,629	11,911	11,440	94	86	3 151	2,273	5,575	2,452	1,981
45	37	96 066	3 009,540	35 552,297	11,813	11,342	95	87	2 131	1,423	3,302	2,320	1,849
46	38	95 802	2 778,955	32 542,757	11,710	11,239	96	88	1 381	0,854	1,878	2,199	1,728
47	39	95 512	2 565,313	29 763,802	11,602	11,131	97	89	858	0,491	1,024	2,085	1,614
48	40	95 173	2 366,867	27 198,488	11,491	11,020	98	90	506	0,268	0,533	1,987	1,516
49	41	94 801	2 182,971	24 831,622	11,375	10,904	99	91	285	0,140	0,265	1,893	1,422
							100	92	151	0,069	0,125	1,816	1,345

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß   8,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	41	94 461	2 014,026	22 715,844	11,279	10,808
1							51	42	94 008	1 855,889	20 701,818	11,155	10,684
2							52	43	93 480	1 708,764	18 845,929	11,029	10,558
3							53	44	92 917	1 572,656	17 137,165	10,897	10,426
4							54	45	92 300	1 446,499	15 564,509	10,760	10,289
5							55	46	91 612	1 329,367	14 118,009	10,620	10,149
6							56	47	90 864	1 220,844	12 788,642	10,475	10,004
7							57	48	90 054	1 120,337	11 567,798	10,325	9,854
8							58	49	89 171	1 027,184	10 447,461	10,171	9,700
9	0	99 497	49 773,275	660 832,694	13,277	12,806	59	50	88 205	940,792	9 420,277	10,013	9,542
10	1	99 176	45 937,462	611 059,419	13,302	12,831	60	51	87 171	860,890	8 479,485	9,850	9,379
11	2	99 140	42 519,659	565 121,957	13,291	12,820	61	52	86 054	786,907	7 618,595	9,682	9,211
12	3	99 117	39 360,813	522 602,298	13,277	12,806	62	53	84 860	718,504	6 831,689	9,508	9,037
13	4	99 095	36 437,070	483 241,485	13,262	12,791	63	54	83 590	655,330	6 113,185	9,328	8,857
14	5	99 072	33 730,266	446 804,415	13,246	12,775	64	55	82 270	597,203	5 457,855	9,139	8,668
15	6	99 047	31 223,883	413 074,150	13,229	12,758	65	56	80 823	543,239	4 860,652	8,948	8,476
16	7	99 021	28 903,339	381 850,266	13,211	12,740	66	57	79 306	493,556	4 317,413	8,748	8,277
17	8	98 987	26 753,104	352 946,927	13,193	12,722	67	58	77 682	447,641	3 823,856	8,542	8,071
18	9	98 946	24 761,177	326 193,823	13,174	12,703	68	59	75 957	405,275	3 376,216	8,331	7,860
19	10	98 892	22 914,396	301 432,646	13,155	12,684	69	60	74 150	366,331	2 970,940	8,110	7,639
20	11	98 836	21 205,160	278 518,250	13,134	12,663	70	61	72 206	330,302	2 604,609	7,886	7,414
21	12	98 775	19 622,277	257 313,090	13,113	12,642	71	62	70 157	297,154	2 274,307	7,654	7,183
22	13	98 714	18 157,495	237 690,813	13,091	12,619	72	63	67 976	266,592	1 977,152	7,416	6,945
23	14	98 653	16 802,056	219 533,318	13,066	12,595	73	64	65 688	238,535	1 710,560	7,171	6,700
24	15	98 590	15 547,641	202 731,262	13,039	12,568	74	65	63 259	212,698	1 472,026	6,921	6,450
25	16	98 523	14 386,098	187 183,621	13,011	12,540	75	66	60 639	188,787	1 259,328	6,671	6,200
26	17	98 454	13 311,095	172 797,522	12,981	12,510	76	67	57 870	166,819	1 070,541	6,417	5,946
27	18	98 381	12 315,950	159 486,427	12,950	12,479	77	68	54 955	146,682	903,722	6,161	5,690
28	19	98 296	11 393,836	147 170,477	12,917	12,446	78	69	51 877	128,210	757,040	5,905	5,434
29	20	98 216	10 541,331	135 776,641	12,880	12,409	79	70	48 615	111,249	628,830	5,652	5,181
30	21	98 130	9 751,908	125 235,310	12,842	12,371	80	71	45 223	95,820	517,582	5,402	4,931
31	22	98 047	9 021,878	115 483,402	12,800	12,329	81	72	41 737	81,883	421,761	5,151	4,680
32	23	97 955	8 345,756	106 461,524	12,756	12,285	82	73	38 136	69,276	339,878	4,906	4,435
33	24	97 860	7 720,106	98 115,769	12,709	12,238	83	74	34 502	58,033	270,602	4,663	4,192
34	25	97 766	7 141,346	90 395,663	12,658	12,187	84	75	30 884	48,099	212,569	4,419	3,948
35	26	97 667	6 605,659	83 254,317	12,603	12,132	85	76	27 253	39,301	164,471	4,185	3,714
36	27	97 562	6 109,767	76 648,657	12,545	12,074	86	77	23 698	31,642	125,170	3,956	3,485
37	28	97 450	5 650,690	70 538,890	12,483	12,012	87	78	20 255	25,042	93,528	3,735	3,264
38	29	97 333	5 225,834	64 888,200	12,417	11,946	88	79	16 954	19,408	68,486	3,529	3,058
39	30	97 198	4 832,030	59 662,366	12,347	11,876	89	80	13 915	14,749	49,079	3,328	2,856
40	31	97 059	4 467,701	54 830,336	12,273	11,802	90	81	11 104	10,897	34,329	3,150	2,679
41	32	96 905	4 130,205	50 362,636	12,194	11,723	91	82	8 714	7,919	23,432	2,959	2,488
42	33	96 738	3 817,673	46 232,431	12,110	11,639	92	83	6 588	5,544	15,513	2,798	2,327
43	34	96 555	3 528,186	42 414,758	12,022	11,551	93	84	4 839	3,770	9,969	2,644	2,173
44	35	96 341	3 259,628	38 886,572	11,930	11,459	94	85	3 436	2,478	6,199	2,501	2,030
45	36	96 112	3 010,971	35 626,945	11,832	11,361	95	86	2 352	1,571	3,721	2,368	1,897
46	37	95 853	2 780,439	32 615,973	11,731	11,259	96	87	1 549	0,958	2,149	2,243	1,772
47	38	95 565	2 566,742	29 835,534	11,624	11,153	97	88	977	0,559	1,191	2,129	1,658
48	39	95 236	2 368,433	27 268,792	11,513	11,042	98	89	589	0,312	0,632	2,023	1,552
49	40	94 868	2 184,514	24 900,358	11,399	10,928	99	90	337	0,165	0,320	1,931	1,460
							100	91	184	0,084	0,154	1,842	1,371

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß 8,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10	0	99 489	46 082,746	611 350,393	13,266	12,795
11	1	99 167	42 530,886	565 267,647	13,291	12,820
12	2	99 132	39 366,676	522 736,761	13,279	12,808
13	3	99 106	36 441,141	483 370,085	13,264	12,793
14	4	99 084	33 734,286	446 928,944	13,249	12,777
15	5	99 057	31 227,040	413 194,658	13,232	12,761
16	6	99 030	28 905,856	381 967,618	13,214	12,743
17	7	98 995	26 755,401	353 061,762	13,196	12,725
18	8	98 953	24 763,001	326 306,361	13,177	12,706
19	9	98 899	22 915,977	301 543,361	13,159	12,688
20	10	98 843	21 206,665	278 627,384	13,139	12,668
21	11	98 783	19 623,846	257 420,718	13,118	12,647
22	12	98 722	18 158,957	237 796,872	13,095	12,624
23	13	98 661	16 803,561	219 637,915	13,071	12,600
24	14	98 601	15 549,326	202 834,354	13,045	12,574
25	15	98 535	14 387,908	187 285,028	13,017	12,546
26	16	98 469	13 313,143	172 897,119	12,987	12,516
27	17	98 396	12 317,927	159 583,976	12,955	12,484
28	18	98 318	11 396,439	147 266,049	12,922	12,451
29	19	98 237	10 543,509	135 869,610	12,887	12,416
30	20	98 152	9 754,073	125 326,101	12,849	12,378
31	21	98 067	9 023,767	115 572,028	12,808	12,336
32	22	97 977	8 347,628	106 548,262	12,764	12,293
33	23	97 883	7 721,871	98 200,633	12,717	12,246
34	24	97 786	7 142,790	90 478,762	12,667	12,196
35	25	97 688	6 607,113	83 335,972	12,613	12,142
36	26	97 585	6 111,213	76 728,860	12,555	12,084
37	27	97 476	5 652,209	70 617,646	12,494	12,023
38	28	97 357	5 227,156	64 965,438	12,428	11,957
39	29	97 226	4 833,417	59 738,282	12,359	11,888
40	30	97 086	4 468,965	54 904,865	12,286	11,815
41	31	96 934	4 131,453	50 435,900	12,208	11,737
42	32	96 772	3 819,027	46 304,447	12,125	11,654
43	33	96 590	3 529,476	42 485,420	12,037	11,566
44	34	96 382	3 261,013	38 955,944	11,946	11,475
45	35	96 150	3 012,169	35 694,931	11,850	11,379
46	36	95 899	2 781,761	32 682,762	11,749	11,278
47	37	95 616	2 568,113	29 901,001	11,643	11,172
48	38	95 289	2 369,753	27 332,888	11,534	11,063
49	39	94 931	2 185,960	24 963,135	11,420	10,949
50	40	94 528	2 015,449	22 777,175	11,301	10,830
51	41	94 083	1 857,378	20 761,726	11,178	10,707
52	42	93 563	1 710,286	18 904,348	11,053	10,582
53	43	93 012	1 574,268	17 194,061	10,922	10,451
54	44	92 404	1 448,126	15 619,793	10,786	10,315
55	45	91 728	1 331,057	14 171,667	10,647	10,176
56	46	90 992	1 222,567	12 840,611	10,503	10,032
57	47	90 201	1 122,172	11 618,044	10,353	9,882
58	48	89 329	1 029,003	10 495,872	10,200	9,729
59	49	88 387	942,732	9 466,869	10,042	9,571
60	50	87 364	862,791	8 524,137	9,880	9,409
61	51	86 265	788,837	7 661,346	9,712	9,241
62	52	85 093	720,482	6 872,509	9,539	9,068
63	53	83 842	657,306	6 152,027	9,359	8,888
64	54	82 534	599,115	5 494,721	9,171	8,700
65	55	81 110	545,171	4 895,607	8,980	8,509
66	56	79 606	495,425	4 350,435	8,781	8,310
67	57	77 994	449,437	3 855,011	8,577	8,106
68	58	76 293	407,071	3 405,573	8,366	7,895
69	59	74 502	368,069	2 998,502	8,147	7,676
70	60	72 597	332,092	2 630,433	7,921	7,450
71	61	70 562	298,872	2 298,341	7,690	7,219
72	62	68 408	268,284	1 999,469	7,453	6,982
73	63	66 134	240,153	1 731,185	7,209	6,738
74	64	63 727	214,273	1 491,032	6,959	6,488
75	65	61 116	190,273	1 276,759	6,710	6,239
76	66	58 369	168,258	1 086,486	6,457	5,986
77	67	55 461	148,034	918,228	6,203	5,732
78	68	52 386	129,468	770,195	5,949	5,478
79	69	49 137	112,443	640,727	5,698	5,227
80	70	45 754	96,945	528,284	5,449	4,978
81	71	42 281	82,951	431,339	5,200	4,729
82	72	38 696	70,294	348,388	4,956	4,485
83	73	35 072	58,992	278,094	4,714	4,243
84	74	31 469	49,011	219,102	4,471	3,999
85	75	27 851	40,163	170,091	4,235	3,764
86	76	24 293	32,437	129,929	4,006	3,535
87	77	20 832	25,756	97,492	3,785	3,314
88	78	17 515	20,051	71,736	3,578	3,107
89	79	14 439	15,305	51,686	3,377	2,906
90	80	11 588	11,372	36,381	3,199	2,728
91	81	9 149	8,314	25,008	3,008	2,537
92	82	6 973	5,867	16,694	2,845	2,374
93	83	5 163	4,022	10,827	2,692	2,221
94	84	3 704	2,672	6,804	2,547	2,076
95	85	2 565	1,713	4,133	2,412	1,941
96	86	1 710	1,058	2,420	2,287	1,816
97	87	1 096	0,627	1,362	2,170	1,699
98	88	671	0,356	0,734	2,063	1,592
99	89	393	0,193	0,378	1,963	1,492
100	90	218	0,099	0,186	1,877	1,405

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß 8,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	39	94 590	2 016,784	22 833,180	11,322	10,851
1							51	40	94 150	1 858,691	20 816,396	11,199	10,728
2							52	41	93 638	1 711,658	18 957,705	11,076	10,605
3							53	42	93 095	1 575,671	17 246,047	10,945	10,474
4							54	43	92 498	1 449,610	15 670,377	10,810	10,339
5							55	44	91 831	1 332,553	14 220,767	10,672	10,201
6							56	45	91 108	1 224,121	12 888,213	10,529	10,058
7							57	46	90 329	1 123,755	11 664,092	10,380	9,909
8							58	47	89 476	1 030,689	10 540,337	10,227	9,755
9							59	48	88 544	944,402	9 509,649	10,069	9,598
10							60	49	87 544	864,570	8 565,247	9,907	9,436
11	0	99 480	42 665,396	565 534,883	13,255	12,784	61	50	86 456	790,578	7 700,677	9,741	9,270
12	1	99 158	39 377,070	522 869,486	13,279	12,807	62	51	85 302	722,249	6 910,099	9,567	9,096
13	2	99 121	36 446,570	483 492,416	13,266	12,795	63	52	84 073	659,115	6 187,849	9,388	8,917
14	3	99 095	33 738,056	447 045,847	13,250	12,779	64	53	82 782	600,922	5 528,734	9,200	8,729
15	4	99 069	31 230,762	413 307,791	13,234	12,763	65	54	81 370	546,916	4 927,812	9,010	8,539
16	5	99 040	28 908,778	382 077,029	13,217	12,746	66	55	79 889	497,186	4 380,896	8,811	8,340
17	6	99 004	26 757,731	353 168,251	13,199	12,728	67	56	78 289	451,139	3 883,709	8,609	8,138
18	7	98 962	24 765,126	326 410,520	13,180	12,709	68	57	76 599	408,705	3 432,571	8,399	7,928
19	8	98 906	22 917,665	301 645,394	13,162	12,691	69	58	74 832	369,701	3 023,866	8,179	7,708
20	9	98 850	21 208,128	278 727,729	13,142	12,671	70	59	72 942	333,668	2 654,165	7,955	7,483
21	10	98 790	19 625,239	257 519,601	13,122	12,651	71	60	70 945	300,491	2 320,498	7,722	7,251
22	11	98 730	18 160,409	237 894,362	13,100	12,629	72	61	68 803	269,835	2 020,006	7,486	7,015
23	12	98 669	16 804,914	219 733,953	13,076	12,605	73	62	66 553	241,677	1 750,171	7,242	6,771
24	13	98 610	15 550,719	202 929,038	13,049	12,578	74	63	64 160	215,726	1 508,494	6,993	6,522
25	14	98 546	14 389,468	187 378,319	13,022	12,551	75	64	61 569	191,681	1 292,768	6,744	6,273
26	15	98 481	13 314,818	172 988,851	12,992	12,521	76	65	58 828	169,583	1 101,086	6,493	6,022
27	16	98 411	12 319,822	159 674,033	12,961	12,490	77	66	55 940	149,311	931,504	6,239	5,768
28	17	98 334	11 398,268	147 354,211	12,928	12,457	78	67	52 869	130,661	782,193	5,986	5,515
29	18	98 259	10 545,918	135 955,942	12,892	12,421	79	68	49 619	113,545	651,532	5,738	5,267
30	19	98 172	9 756,088	125 410,025	12,855	12,383	80	69	46 245	97,986	537,987	5,490	5,019
31	20	98 089	9 025,770	115 653,936	12,814	12,343	81	70	42 777	83,925	440,001	5,243	4,772
32	21	97 997	8 349,376	106 628,166	12,771	12,300	82	71	39 201	71,211	356,076	5,000	4,529
33	22	97 905	7 723,604	98 278,791	12,724	12,253	83	72	35 588	59,859	284,865	4,759	4,288
34	23	97 808	7 144,423	90 555,187	12,675	12,204	84	73	31 989	49,821	225,006	4,516	4,045
35	24	97 708	6 608,448	83 410,764	12,622	12,151	85	74	28 379	40,924	175,185	4,281	3,810
36	25	97 606	6 112,558	76 802,316	12,565	12,094	86	75	24 825	33,148	134,261	4,050	3,579
37	26	97 499	5 653,547	70 689,758	12,504	12,033	87	76	21 355	26,402	101,113	3,830	3,359
38	27	97 383	5 228,560	65 036,211	12,439	11,968	88	77	18 015	20,623	74,711	3,623	3,152
39	28	97 250	4 834,639	59 807,650	12,371	11,900	89	78	14 918	15,812	54,089	3,421	2,950
40	29	97 114	4 470,248	54 973,011	12,298	11,826	90	79	12 024	11,801	38,276	3,244	2,772
41	30	96 962	4 132,623	50 502,763	12,221	11,749	91	80	9 548	8,677	26,476	3,051	2,580
42	31	96 801	3 820,180	46 370,141	12,138	11,667	92	81	7 321	6,160	17,799	2,889	2,418
43	32	96 624	3 530,728	42 549,960	12,051	11,580	93	82	5 464	4,257	11,639	2,734	2,263
44	33	96 418	3 262,206	39 019,233	11,961	11,490	94	83	3 951	2,850	7,381	2,590	2,119
45	34	96 191	3 013,449	35 757,027	11,866	11,395	95	84	2 765	1,847	4,531	2,454	1,983
46	35	95 937	2 782,868	32 743,578	11,766	11,295	96	85	1 865	1,153	2,684	2,328	1,857
47	36	95 661	2 569,334	29 960,709	11,661	11,190	97	86	1 210	0,693	1,531	2,210	1,739
48	37	95 340	2 371,018	27 391,376	11,553	11,082	98	87	753	0,399	0,838	2,101	1,630
49	38	94 983	2 187,178	25 020,358	11,440	10,969	99	88	447	0,220	0,439	2,000	1,529
							100	89	254	0,115	0,220	1,906	1,435

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß   8,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	38	94 643	2 017,907	22 884,219	11,341	10,870
1							51	39	94 212	1 859,921	20 866,312	11,219	10,748
2							52	40	93 704	1 712,868	19 006,391	11,096	10,625
3							53	41	93 169	1 576,935	17 293,523	10,967	10,495
4							54	42	92 581	1 450,901	15 716,589	10,832	10,361
5							55	43	91 926	1 333,919	14 265,687	10,695	10,224
6							56	44	91 210	1 225,497	12 931,768	10,552	10,081
7							57	45	90 443	1 125,183	11 706,271	10,404	9,933
8							58	46	89 602	1 032,143	10 581,087	10,252	9,781
9							59	47	88 689	945,949	9 548,944	10,095	9,624
10							60	48	87 699	866,101	8 602,996	9,933	9,462
11							61	49	86 634	792,208	7 736,895	9,766	9,295
12	0	99 472	39 501,606	523 114,924	13,243	12,772	62	50	85 490	723,844	6 944,686	9,594	9,123
13	1	99 147	36 456,193	483 613,318	13,266	12,795	63	51	84 280	660,732	6 220,842	9,415	8,944
14	2	99 110	33 743,081	447 157,125	13,252	12,781	64	52	83 010	602,576	5 560,110	9,227	8,756
15	3	99 080	31 234,252	413 414,044	13,236	12,765	65	53	81 616	548,566	4 957,534	9,037	8,566
16	4	99 052	28 912,224	382 179,792	13,219	12,748	66	54	80 145	498,778	4 408,968	8,840	8,368
17	5	99 014	26 760,436	353 267,568	13,201	12,730	67	55	78 568	452,743	3 910,190	8,637	8,166
18	6	98 971	24 767,283	326 507,132	13,183	12,712	68	56	76 889	410,252	3 457,447	8,428	7,957
19	7	98 914	22 919,632	301 739,849	13,165	12,694	69	57	75 133	371,184	3 047,195	8,209	7,738
20	8	98 857	21 209,690	278 820,217	13,146	12,675	70	58	73 265	335,146	2 676,011	7,985	7,514
21	9	98 797	19 626,593	257 610,527	13,126	12,655	71	59	71 281	301,917	2 340,865	7,753	7,282
22	10	98 737	18 161,698	237 983,934	13,104	12,633	72	60	69 176	271,297	2 038,948	7,516	7,045
23	11	98 677	16 806,258	219 822,236	13,080	12,609	73	61	66 938	243,074	1 767,651	7,272	6,801
24	12	98 618	15 551,971	203 015,978	13,054	12,583	74	62	64 567	217,096	1 524,576	7,023	6,552
25	13	98 555	14 390,757	187 464,007	13,027	12,556	75	63	61 987	192,982	1 307,481	6,775	6,304
26	14	98 492	13 316,262	173 073,250	12,997	12,526	76	64	59 264	170,838	1 114,499	6,524	6,053
27	15	98 424	12 321,372	159 756,988	12,966	12,495	77	65	56 380	150,486	943,661	6,271	5,800
28	16	98 349	11 400,023	147 435,616	12,933	12,462	78	66	53 325	131,788	793,175	6,019	5,548
29	17	98 275	10 547,610	136 035,593	12,897	12,426	79	67	50 076	114,592	661,387	5,772	5,301
30	18	98 195	9 758,317	125 487,983	12,860	12,389	80	68	46 699	98,947	546,795	5,526	5,055
31	19	98 109	9 027,635	115 729,666	12,819	12,348	81	69	43 237	84,826	447,848	5,280	4,809
32	20	98 019	8 351,230	106 702,031	12,777	12,306	82	70	39 661	72,047	363,022	5,039	4,568
33	21	97 925	7 725,220	98 350,802	12,731	12,260	83	71	36 052	60,639	290,975	4,798	4,327
34	22	97 830	7 146,026	90 625,581	12,682	12,211	84	72	32 459	50,553	230,335	4,556	4,085
35	23	97 731	6 609,959	83 479,555	12,629	12,158	85	73	28 848	41,601	179,783	4,322	3,851
36	24	97 626	6 113,794	76 869,596	12,573	12,102	86	74	25 296	33,776	138,182	4,091	3,620
37	25	97 520	5 654,791	70 755,802	12,513	12,041	87	75	21 824	26,981	104,406	3,870	3,399
38	26	97 406	5 229,798	65 101,011	12,448	11,977	88	76	18 467	21,140	77,424	3,662	3,191
39	27	97 276	4 835,938	59 871,213	12,380	11,909	89	77	15 343	16,263	56,284	3,461	2,990
40	28	97 139	4 471,379	55 035,275	12,308	11,837	90	78	12 423	12,192	40,021	3,283	2,812
41	29	96 989	4 133,809	50 563,896	12,232	11,761	91	79	9 908	9,004	27,829	3,091	2,620
42	30	96 829	3 821,262	46 430,088	12,150	11,679	92	80	7 640	6,429	18,826	2,928	2,457
43	31	96 653	3 531,794	42 608,826	12,064	11,593	93	81	5 737	4,470	12,397	2,773	2,302
44	32	96 452	3 263,363	39 077,031	11,974	11,503	94	82	4 182	3,017	7,927	2,628	2,157
45	33	96 226	3 014,552	35 813,669	11,880	11,409	95	83	2 950	1,970	4,910	2,492	2,021
46	34	95 978	2 784,051	32 799,117	11,781	11,310	96	84	2 010	1,243	2,940	2,365	1,894
47	35	95 700	2 570,356	30 015,066	11,677	11,206	97	85	1 319	0,755	1,697	2,247	1,776
48	36	95 385	2 372,145	27 444,710	11,570	11,099	98	86	831	0,441	0,942	2,137	1,666
49	37	95 034	2 188,346	25 072,565	11,457	10,986	99	87	502	0,246	0,501	2,034	1,563
							100	88	289	0,131	0,255	1,940	1,469

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß   8,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	37	94 694	2 018,984	22 930,779	11,358	10,887
1							51	38	94 264	1 860,957	20 911,795	11,237	10,766
2							52	39	93 766	1 714,002	19 050,838	11,115	10,644
3							53	40	93 235	1 578,049	17 336,836	10,986	10,515
4							54	41	92 655	1 452,065	15 758,787	10,853	10,382
5							55	42	92 007	1 335,108	14 306,722	10,716	10,245
6							56	43	91 304	1 226,753	12 971,614	10,574	10,103
7							57	44	90 545	1 126,449	11 744,861	10,426	9,955
8							58	45	89 716	1 033,455	10 618,412	10,275	9,804
9							59	46	88 814	947,283	9 584,958	10,118	9,647
10							60	47	87 843	867,520	8 637,674	9,957	9,486
11							61	48	86 788	793,612	7 770,154	9,791	9,320
12							62	49	85 667	725,336	6 976,542	9,618	9,147
13	0	99 461	36 571,491	483 838,737	13,230	12,759	63	50	84 466	662,191	6 251,206	9,440	8,969
14	1	99 136	33 751,991	447 267,246	13,252	12,781	64	51	83 214	604,054	5 589,015	9,253	8,781
15	2	99 095	31 238,904	413 515,255	13,237	12,766	65	52	81 840	550,076	4 984,961	9,062	8,591
16	3	99 063	28 915,455	382 276,351	13,220	12,749	66	53	80 386	500,282	4 434,885	8,865	8,394
17	4	99 026	26 763,625	353 360,896	13,203	12,732	67	54	78 819	454,192	3 934,603	8,663	8,192
18	5	98 981	24 769,787	326 597,271	13,185	12,714	68	55	77 163	411,711	3 480,411	8,454	7,982
19	6	98 923	22 921,628	301 827,484	13,168	12,697	69	56	75 417	372,589	3 068,700	8,236	7,765
20	7	98 866	21 211,511	278 905,856	13,149	12,678	70	57	73 559	336,491	2 696,110	8,012	7,541
21	8	98 804	19 628,039	257 694,345	13,129	12,658	71	58	71 597	303,255	2 359,619	7,781	7,310
22	9	98 744	18 162,951	238 066,307	13,107	12,636	72	59	69 504	272,584	2 056,364	7,544	7,073
23	10	98 684	16 807,451	219 903,356	13,084	12,613	73	60	67 301	244,391	1 783,780	7,299	6,828
24	11	98 626	15 553,215	203 095,905	13,058	12,587	74	61	64 940	218,350	1 539,388	7,050	6,579
25	12	98 563	14 391,916	187 542,690	13,031	12,560	75	62	62 380	194,207	1 321,038	6,802	6,331
26	13	98 501	13 317,455	173 150,774	13,002	12,531	76	63	59 666	171,997	1 126,831	6,551	6,080
27	14	98 435	12 322,708	159 833,320	12,971	12,500	77	64	56 798	151,600	954,834	6,298	5,827
28	15	98 362	11 401,457	147 510,612	12,938	12,467	78	65	53 745	132,825	803,234	6,047	5,576
29	16	98 290	10 549,233	136 109,155	12,902	12,431	79	66	50 508	115,581	670,408	5,800	5,329
30	17	98 210	9 759,883	125 559,922	12,865	12,394	80	67	47 129	99,859	554,828	5,556	5,085
31	18	98 132	9 029,697	115 800,038	12,824	12,353	81	68	43 661	85,658	454,969	5,311	4,840
32	19	98 039	8 352,955	106 770,341	12,782	12,311	82	69	40 087	72,820	369,311	5,072	4,600
33	20	97 947	7 726,936	98 417,386	12,737	12,266	83	70	36 475	61,351	296,491	4,833	4,362
34	21	97 851	7 147,522	90 690,451	12,688	12,217	84	71	32 883	51,212	235,139	4,591	4,120
35	22	97 752	6 611,442	83 542,929	12,636	12,165	85	72	29 272	42,212	183,927	4,357	3,886
36	23	97 648	6 115,192	76 931,486	12,580	12,109	86	73	25 714	34,335	141,715	4,127	3,656
37	24	97 540	5 655,934	70 816,295	12,521	12,050	87	74	22 238	27,493	107,381	3,906	3,435
38	25	97 428	5 230,949	65 160,361	12,457	11,986	88	75	18 872	21,604	79,888	3,698	3,227
39	26	97 299	4 837,083	59 929,412	12,390	11,919	89	76	15 728	16,671	58,284	3,496	3,025
40	27	97 165	4 472,580	55 092,329	12,318	11,847	90	77	12 777	12,540	41,613	3,319	2,847
41	28	97 014	4 134,854	50 619,748	12,242	11,771	91	78	10 236	9,302	29,073	3,125	2,654
42	29	96 857	3 822,359	46 484,894	12,161	11,690	92	79	7 928	6,671	19,771	2,964	2,493
43	30	96 681	3 532,794	42 662,536	12,076	11,605	93	80	5 987	4,665	13,100	2,808	2,337
44	31	96 481	3 264,348	39 129,741	11,987	11,516	94	81	4 391	3,168	8,436	2,663	2,192
45	32	96 260	3 015,621	35 865,393	11,893	11,422	95	82	3 122	2,085	5,268	2,527	2,055
46	33	96 013	2 785,069	32 849,772	11,795	11,324	96	83	2 144	1,326	3,183	2,400	1,929
47	34	95 740	2 571,448	30 064,703	11,692	11,221	97	84	1 422	0,814	1,857	2,281	1,810
48	35	95 423	2 373,089	27 493,255	11,585	11,114	98	85	906	0,480	1,043	2,170	1,699
49	36	95 079	2 189,386	25 120,166	11,474	11,003	99	86	554	0,272	0,562	2,068	1,597
							100	87	324	0,147	0,290	1,971	1,500

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß   8,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	36	94 739	2 019,944	22 973,225	11,373	10,902
1							51	37	94 315	1 861,951	20 953,281	11,253	10,782
2							52	38	93 818	1 714,956	19 091,330	11,132	10,661
3							53	39	93 297	1 579,094	17 376,374	11,004	10,533
4							54	40	92 720	1 453,091	15 797,280	10,871	10,400
5							55	41	92 081	1 336,178	14 344,188	10,735	10,264
6							56	42	91 385	1 227,846	13 008,010	10,594	10,123
7							57	43	90 638	1 127,603	11 780,164	10,447	9,976
8							58	44	89 817	1 034,617	10 652,560	10,296	9,825
9							59	45	88 927	948,487	9 617,944	10,140	9,669
10							60	46	87 966	868,744	8 669,456	9,979	9,508
11							61	47	86 930	794,912	7 800,713	9,813	9,342
12							62	48	85 819	726,621	7 005,801	9,642	9,171
13							63	49	84 640	663,556	6 279,179	9,463	8,992
14	0	99 450	33 858,737	447 474,285	13,216	12,745	64	50	83 398	605,387	5 615,623	9,276	8,805
15	1	99 121	31 247,153	413 615,548	13,237	12,766	65	51	82 041	551,425	5 010,236	9,086	8,615
16	2	99 077	28 919,762	382 368,395	13,222	12,751	66	52	80 608	501,660	4 458,811	8,888	8,417
17	3	99 037	26 766,616	353 448,633	13,205	12,734	67	53	79 057	455,562	3 957,151	8,686	8,215
18	4	98 992	24 772,739	326 682,017	13,187	12,716	68	54	77 410	413,029	3 501,589	8,478	8,007
19	5	98 933	22 923,945	301 909,278	13,170	12,699	69	55	75 685	373,914	3 088,560	8,260	7,789
20	6	98 875	21 213,358	278 985,333	13,151	12,680	70	56	73 838	337,765	2 714,646	8,037	7,566
21	7	98 813	19 629,723	257 771,975	13,132	12,661	71	57	71 884	304,472	2 376,880	7,807	7,336
22	8	98 751	18 164,288	238 142,251	13,110	12,639	72	58	69 812	273,792	2 072,408	7,569	7,098
23	9	98 691	16 808,611	219 977,963	13,087	12,616	73	59	67 620	245,551	1 798,616	7,325	6,854
24	10	98 633	15 554,319	203 169,352	13,062	12,591	74	60	65 292	219,534	1 553,065	7,074	6,603
25	11	98 571	14 393,067	187 615,033	13,035	12,564	75	61	62 741	195,329	1 333,532	6,827	6,356
26	12	98 509	13 318,527	173 221,967	13,006	12,535	76	62	60 045	173,089	1 138,203	6,576	6,105
27	13	98 443	12 323,812	159 903,440	12,975	12,504	77	63	57 183	152,629	965,114	6,323	5,852
28	14	98 372	11 402,693	147 579,629	12,943	12,471	78	64	54 142	133,809	812,485	6,072	5,601
29	15	98 302	10 550,561	136 176,936	12,907	12,436	79	65	50 906	116,490	678,676	5,826	5,355
30	16	98 225	9 761,385	125 626,375	12,870	12,399	80	66	47 536	100,721	562,186	5,582	5,111
31	17	98 148	9 031,146	115 864,990	12,829	12,358	81	67	44 063	86,447	461,465	5,338	4,867
32	18	98 062	8 354,863	106 833,843	12,787	12,316	82	68	40 480	73,534	375,018	5,100	4,629
33	19	97 967	7 728,532	98 478,980	12,742	12,271	83	69	36 867	62,010	301,483	4,862	4,391
34	20	97 872	7 149,109	90 750,448	12,694	12,223	84	70	33 269	51,813	239,473	4,622	4,151
35	21	97 773	6 612,826	83 601,339	12,642	12,171	85	71	29 654	42,762	187,660	4,388	3,917
36	22	97 670	6 116,564	76 988,513	12,587	12,116	86	72	26 092	34,839	144,898	4,159	3,688
37	23	97 562	5 657,201	70 871,949	12,528	12,057	87	73	22 605	27,947	110,059	3,938	3,467
38	24	97 448	5 232,006	65 214,722	12,465	11,994	88	74	19 230	22,013	82,111	3,730	3,259
39	25	97 321	4 838,147	59 982,716	12,398	11,927	89	75	16 073	17,037	60,098	3,528	3,056
40	26	97 188	4 473,639	55 144,568	12,327	11,856	90	76	13 098	12,854	43,061	3,350	2,879
41	27	97 040	4 135,965	50 670,929	12,251	11,780	91	77	10 528	9,567	30,206	3,157	2,686
42	28	96 881	3 823,325	46 534,964	12,171	11,700	92	78	8 191	6,892	20,639	2,995	2,524
43	29	96 708	3 533,808	42 711,638	12,087	11,616	93	79	6 213	4,840	13,747	2,840	2,369
44	30	96 508	3 265,273	39 177,830	11,998	11,527	94	80	4 582	3,306	8,907	2,694	2,223
45	31	96 289	3 016,532	35 912,558	11,905	11,434	95	81	3 278	2,189	5,601	2,558	2,087
46	32	96 047	2 786,057	32 896,026	11,807	11,336	96	82	2 270	1,404	3,412	2,431	1,960
47	33	95 775	2 572,389	30 109,969	11,705	11,234	97	83	1 517	0,869	2,008	2,312	1,841
48	34	95 464	2 374,098	27 537,580	11,599	11,128	98	84	977	0,518	1,140	2,201	1,730
49	35	95 117	2 190,257	25 163,483	11,489	11,018	99	85	604	0,296	0,622	2,098	1,627
							100	86	358	0,163	0,325	2,002	1,531

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß   8,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	35	94 776	2 020,748	23 011,843	11,388	10,917
1							51	36	94 360	1 862,836	20 991,095	11,268	10,797
2							52	37	93 869	1 715,872	19 128,259	11,148	10,677
3							53	38	93 349	1 579,973	17 412,387	11,021	10,550
4							54	39	92 782	1 454,053	15 832,413	10,888	10,417
5							55	40	92 146	1 337,123	14 378,360	10,753	10,282
6							56	41	91 458	1 228,831	13 041,237	10,613	10,142
7							57	42	90 719	1 128,608	11 812,406	10,466	9,995
8							58	43	89 909	1 035,677	10 683,798	10,316	9,845
9							59	44	89 027	949,554	9 648,121	10,161	9,690
10							60	45	88 078	869,848	8 698,567	10,000	9,529
11							61	46	87 052	796,033	7 828,719	9,835	9,364
12							62	47	85 959	727,811	7 032,686	9,663	9,192
13							63	48	84 790	664,732	6 304,874	9,485	9,014
14							64	49	83 570	606,636	5 640,143	9,297	8,826
15	0	99 435	31 345,977	413 805,704	13,201	12,730	65	50	82 222	552,643	5 033,507	9,108	8,637
16	1	99 104	28 927,398	382 459,728	13,221	12,750	66	51	80 805	502,890	4 480,864	8,910	8,439
17	2	99 052	26 770,603	353 532,330	13,206	12,735	67	52	79 274	456,816	3 977,974	8,708	8,237
18	3	99 003	24 775,507	326 761,727	13,189	12,718	68	53	77 643	414,275	3 521,158	8,500	8,029
19	4	98 945	22 926,678	301 986,219	13,172	12,701	69	54	75 928	375,111	3 106,883	8,283	7,812
20	5	98 885	21 215,502	279 059,541	13,154	12,683	70	55	74 100	338,966	2 731,772	8,059	7,588
21	6	98 821	19 631,433	257 844,039	13,134	12,663	71	56	72 156	305,625	2 392,806	7,829	7,358
22	7	98 759	18 165,848	238 212,606	13,113	12,642	72	57	70 092	274,891	2 087,181	7,593	7,122
23	8	98 698	16 809,848	220 046,758	13,090	12,619	73	58	67 920	246,639	1 812,290	7,348	6,877
24	9	98 640	15 555,392	203 236,910	13,065	12,594	74	59	65 602	220,575	1 565,651	7,098	6,627
25	10	98 578	14 394,088	187 681,518	13,039	12,568	75	60	63 081	196,388	1 345,076	6,849	6,378
26	11	98 516	13 319,592	173 287,430	13,010	12,539	76	61	60 392	174,089	1 148,688	6,598	6,127
27	12	98 451	12 324,804	159 967,838	12,979	12,508	77	62	57 546	153,598	974,599	6,345	5,874
28	13	98 381	11 403,714	147 643,034	12,947	12,476	78	63	54 510	134,717	821,002	6,094	5,623
29	14	98 313	10 551,704	136 239,320	12,912	12,441	79	64	51 283	117,353	686,285	5,848	5,377
30	15	98 238	9 762,614	125 687,616	12,874	12,403	80	65	47 910	101,513	568,932	5,605	5,133
31	16	98 163	9 032,536	115 925,002	12,834	12,363	81	66	44 443	87,193	467,419	5,361	4,890
32	17	98 077	8 356,204	106 892,466	12,792	12,321	82	67	40 853	74,212	380,226	5,123	4,652
33	18	97 990	7 730,298	98 536,262	12,747	12,276	83	68	37 228	62,618	306,013	4,887	4,416
34	19	97 892	7 150,586	90 805,964	12,699	12,228	84	69	33 626	52,370	243,395	4,648	4,177
35	20	97 795	6 614,295	83 655,378	12,648	12,177	85	70	30 002	43,265	191,026	4,415	3,944
36	21	97 691	6 117,844	77 041,084	12,593	12,122	86	71	26 432	35,293	147,761	4,187	3,716
37	22	97 584	5 658,496	70 923,239	12,534	12,063	87	72	22 937	28,358	112,468	3,966	3,495
38	23	97 470	5 233,203	65 264,743	12,471	12,000	88	73	19 548	22,377	84,110	3,759	3,288
39	24	97 340	4 839,126	60 031,540	12,405	11,934	89	74	16 378	17,360	61,732	3,556	3,085
40	25	97 209	4 474,623	55 192,415	12,335	11,863	90	75	13 385	13,136	44,373	3,378	2,907
41	26	97 063	4 136,944	50 717,792	12,260	11,789	91	76	10 792	9,807	31,236	3,185	2,714
42	27	96 907	3 824,353	46 580,847	12,180	11,709	92	77	8 424	7,088	21,429	3,023	2,552
43	28	96 733	3 534,702	42 756,494	12,096	11,625	93	78	6 419	5,001	14,340	2,868	2,397
44	29	96 536	3 266,210	39 221,792	12,008	11,537	94	79	4 755	3,430	9,340	2,723	2,252
45	30	96 316	3 017,386	35 955,583	11,916	11,445	95	80	3 420	2,285	5,909	2,587	2,115
46	31	96 076	2 786,898	32 938,197	11,819	11,348	96	81	2 383	1,474	3,625	2,459	1,988
47	32	95 809	2 573,301	30 151,299	11,717	11,246	97	82	1 605	0,919	2,151	2,340	1,869
48	33	95 499	2 374,966	27 577,997	11,612	11,141	98	83	1 042	0,552	1,232	2,229	1,758
49	34	95 158	2 191,188	25 203,031	11,502	11,031	99	84	651	0,320	0,679	2,125	1,654
							100	85	390	0,177	0,360	2,029	1,558

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß   8,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	34	94 817	2 021,607	23 047,098	11,400	10,929
1							51	35	94 397	1 863,577	21 025,491	11,282	10,811
2							52	36	93 913	1 716,688	19 161,914	11,162	10,691
3							53	37	93 399	1 580,817	17 445,226	11,036	10,565
4							54	38	92 834	1 454,863	15 864,409	10,904	10,433
5							55	39	92 207	1 338,008	14 409,545	10,769	10,298
6							56	40	91 523	1 229,700	13 071,537	10,630	10,159
7							57	41	90 792	1 129,513	11 841,838	10,484	10,013
8							58	42	89 989	1 036,600	10 712,325	10,334	9,863
9							59	43	89 118	950,527	9 675,725	10,179	9,708
10							60	44	88 177	870,826	8 725,198	10,019	9,548
11							61	45	87 163	797,045	7 854,372	9,854	9,383
12							62	46	86 080	728,839	7 057,327	9,683	9,212
13							63	47	84 929	665,820	6 328,488	9,505	9,034
14							64	48	83 718	607,710	5 662,668	9,318	8,847
15							65	49	82 392	553,782	5 054,957	9,128	8,657
16	0	99 417	29 018,885	382 634,379	13,186	12,715	66	50	80 984	504,000	4 501,175	8,931	8,460
17	1	99 078	26 777,672	353 615,494	13,206	12,735	67	51	79 469	457,937	3 997,175	8,729	8,258
18	2	99 018	24 779,198	326 837,822	13,190	12,719	68	52	77 857	415,415	3 539,238	8,520	8,049
19	3	98 956	22 929,240	302 058,624	13,174	12,702	69	53	76 157	376,243	3 123,823	8,303	7,832
20	4	98 896	21 218,031	279 129,385	13,155	12,684	70	54	74 337	340,051	2 747,581	8,080	7,609
21	5	98 831	19 633,418	257 911,353	13,136	12,665	71	55	72 413	306,712	2 407,529	7,849	7,378
22	6	98 768	18 167,430	238 277,936	13,116	12,645	72	56	70 358	275,932	2 100,817	7,614	7,142
23	7	98 707	16 811,291	220 110,506	13,093	12,622	73	57	68 192	247,629	1 824,886	7,369	6,898
24	8	98 647	15 556,537	203 299,215	13,068	12,597	74	58	65 892	221,553	1 577,257	7,119	6,648
25	9	98 584	14 395,081	187 742,677	13,042	12,571	75	59	63 380	197,319	1 355,704	6,871	6,400
26	10	98 523	13 320,537	173 347,596	13,014	12,543	76	60	60 719	175,033	1 158,385	6,618	6,147
27	11	98 459	12 325,790	160 027,059	12,983	12,512	77	61	57 878	154,485	983,352	6,365	5,894
28	12	98 389	11 404,632	147 701,269	12,951	12,480	78	62	54 856	135,572	828,867	6,114	5,643
29	13	98 322	10 552,649	136 296,637	12,916	12,445	79	63	51 631	118,149	693,295	5,868	5,397
30	14	98 248	9 763,672	125 743,988	12,879	12,408	80	64	48 264	102,265	575,146	5,624	5,153
31	15	98 175	9 033,673	115 980,316	12,839	12,368	81	65	44 793	87,879	472,881	5,381	4,910
32	16	98 093	8 357,490	106 946,643	12,797	12,325	82	66	41 205	74,853	385,002	5,143	4,672
33	17	98 005	7 731,538	98 589,153	12,752	12,281	83	67	37 571	63,195	310,150	4,908	4,437
34	18	97 915	7 152,219	90 857,615	12,703	12,232	84	68	33 956	52,883	246,954	4,670	4,199
35	19	97 815	6 615,661	83 705,395	12,653	12,182	85	69	30 324	43,729	194,071	4,438	3,967
36	20	97 712	6 119,203	77 089,734	12,598	12,127	86	70	26 743	35,708	150,342	4,210	3,739
37	21	97 605	5 659,681	70 970,532	12,540	12,069	87	71	23 236	28,728	114,634	3,990	3,519
38	22	97 492	5 234,377	65 310,851	12,477	12,006	88	72	19 835	22,706	85,906	3,783	3,312
39	23	97 363	4 840,232	60 076,474	12,412	11,941	89	73	16 649	17,647	63,200	3,581	3,110
40	24	97 229	4 475,528	55 236,242	12,342	11,871	90	74	13 639	13,385	45,554	3,403	2,932
41	25	97 084	4 137,855	50 760,714	12,267	11,796	91	75	11 029	10,023	32,168	3,210	2,739
42	26	96 930	3 825,258	46 622,859	12,188	11,717	92	76	8 636	7,266	22,146	3,048	2,577
43	27	96 759	3 535,652	42 797,601	12,105	11,634	93	77	6 602	5,143	14,879	2,893	2,422
44	28	96 560	3 267,036	39 261,949	12,018	11,547	94	78	4 912	3,544	9,736	2,747	2,276
45	29	96 344	3 018,252	35 994,913	11,926	11,455	95	79	3 549	2,371	6,192	2,612	2,141
46	30	96 103	2 787,687	32 976,662	11,829	11,358	96	80	2 487	1,538	3,821	2,484	2,013
47	31	95 838	2 574,079	30 188,974	11,728	11,257	97	81	1 685	0,965	2,283	2,366	1,895
48	32	95 533	2 375,808	27 614,896	11,623	11,152	98	82	1 103	0,585	1,318	2,254	1,783
49	33	95 192	2 191,990	25 239,087	11,514	11,043	99	83	694	0,341	0,733	2,151	1,680
							100	84	420	0,191	0,392	2,054	1,583

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß   8,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	33	94 851	2 022,346	23 079,234	11,412	10,941
1							51	34	94 437	1 864,369	21 056,888	11,294	10,823
2							52	35	93 951	1 717,371	19 192,518	11,176	10,704
3							53	36	93 443	1 581,569	17 475,147	11,049	10,578
4							54	37	92 883	1 455,640	15 893,579	10,919	10,448
5							55	38	92 259	1 338,753	14 437,938	10,785	10,314
6							56	39	91 583	1 230,514	13 099,185	10,645	10,174
7							57	40	90 856	1 130,311	11 868,671	10,500	10,029
8							58	41	90 061	1 037,431	10 738,360	10,351	9,880
9							59	42	89 198	951,374	9 700,929	10,197	9,726
10							60	43	88 268	871,719	8 749,555	10,037	9,566
11							61	44	87 261	797,941	7 877,836	9,873	9,402
12							62	45	86 190	729,765	7 079,895	9,702	9,231
13							63	46	85 048	666,760	6 350,130	9,524	9,053
14							64	47	83 855	608,706	5 683,370	9,337	8,866
15							65	48	82 538	554,763	5 074,665	9,147	8,676
16							66	49	81 151	505,040	4 519,902	8,950	8,479
17	0	99 391	26 862,360	353 775,900	13,170	12,699	67	50	79 644	458,948	4 014,862	8,748	8,277
18	1	99 044	24 785,741	326 913,540	13,190	12,719	68	51	78 048	416,434	3 555,914	8,539	8,068
19	2	98 970	22 932,655	302 127,799	13,175	12,704	69	52	76 366	377,278	3 139,480	8,321	7,850
20	3	98 907	21 220,402	279 195,144	13,157	12,686	70	53	74 562	341,077	2 762,202	8,098	7,627
21	4	98 843	19 635,758	257 974,742	13,138	12,667	71	54	72 645	307,694	2 421,125	7,869	7,398
22	5	98 778	18 169,266	238 338,984	13,118	12,647	72	55	70 608	276,913	2 113,431	7,632	7,161
23	6	98 715	16 812,756	220 169,718	13,095	12,624	73	56	68 450	248,566	1 836,519	7,388	6,917
24	7	98 655	15 557,873	203 356,962	13,071	12,600	74	57	66 157	222,442	1 587,952	7,139	6,668
25	8	98 592	14 396,141	187 799,090	13,045	12,574	75	58	63 661	198,194	1 365,510	6,890	6,419
26	9	98 530	13 321,456	173 402,948	13,017	12,546	76	59	61 007	175,863	1 167,317	6,638	6,167
27	10	98 466	12 326,664	160 081,492	12,987	12,516	77	60	58 192	155,322	991,454	6,383	5,912
28	11	98 397	11 405,544	147 754,828	12,955	12,484	78	61	55 173	136,355	836,131	6,132	5,661
29	12	98 330	10 553,499	136 349,284	12,920	12,449	79	62	51 958	118,899	699,776	5,885	5,414
30	13	98 257	9 764,546	125 795,784	12,883	12,412	80	63	48 592	102,959	580,877	5,642	5,171
31	14	98 186	9 034,652	116 031,238	12,843	12,372	81	64	45 125	88,530	477,918	5,398	4,927
32	15	98 105	8 358,542	106 996,586	12,801	12,330	82	65	41 530	75,442	389,388	5,161	4,690
33	16	98 020	7 732,728	98 638,045	12,756	12,285	83	66	37 895	63,741	313,947	4,925	4,454
34	17	97 931	7 153,367	90 905,316	12,708	12,237	84	67	34 269	53,370	250,206	4,688	4,217
35	18	97 837	6 617,173	83 751,949	12,657	12,186	85	68	30 622	44,158	196,836	4,458	3,987
36	19	97 733	6 120,467	77 134,776	12,603	12,132	86	69	27 030	36,091	152,678	4,230	3,759
37	20	97 626	5 660,938	71 014,310	12,545	12,074	87	70	23 509	29,065	116,587	4,011	3,540
38	21	97 512	5 235,473	65 353,372	12,483	12,012	88	71	20 094	23,002	87,521	3,805	3,334
39	22	97 385	4 841,318	60 117,899	12,418	11,947	89	72	16 893	17,906	64,519	3,603	3,132
40	23	97 251	4 476,551	55 276,582	12,348	11,877	90	73	13 864	13,607	46,613	3,426	2,955
41	24	97 104	4 138,691	50 800,030	12,274	11,803	91	74	11 238	10,213	33,006	3,232	2,761
42	25	96 951	3 826,100	46 661,339	12,196	11,724	92	75	8 825	7,426	22,794	3,070	2,599
43	26	96 782	3 536,489	42 835,239	12,112	11,641	93	76	6 767	5,273	15,368	2,915	2,444
44	27	96 586	3 267,914	39 298,750	12,026	11,555	94	77	5 053	3,645	10,096	2,770	2,299
45	28	96 368	3 019,015	36 030,837	11,935	11,464	95	78	3 667	2,449	6,451	2,634	2,163
46	29	96 131	2 788,487	33 011,821	11,839	11,368	96	79	2 581	1,596	4,001	2,507	2,036
47	30	95 865	2 574,807	30 223,334	11,738	11,267	97	80	1 759	1,007	2,405	2,388	1,917
48	31	95 561	2 376,526	27 648,527	11,634	11,163	98	81	1 158	0,614	1,398	2,277	1,806
49	32	95 226	2 192,767	25 272,001	11,525	11,054	99	82	735	0,361	0,784	2,173	1,702
							100	83	448	0,204	0,423	2,077	1,606

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß   8,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	32	94 885	2 023,063	23 108,564	11,423	10,952
1							51	33	94 472	1 865,051	21 085,501	11,306	10,835
2							52	34	93 990	1 718,101	19 220,450	11,187	10,716
3							53	35	93 480	1 582,198	17 502,349	11,062	10,591
4							54	36	92 927	1 456,332	15 920,151	10,932	10,461
5							55	37	92 308	1 339,468	14 463,819	10,798	10,327
6							56	38	91 634	1 231,199	13 124,351	10,660	10,189
7							57	39	90 916	1 131,059	11 893,151	10,515	10,044
8							58	40	90 125	1 038,165	10 762,092	10,366	9,895
9							59	41	89 269	952,137	9 723,927	10,213	9,742
10							60	42	88 346	872,495	8 771,790	10,054	9,583
11							61	43	87 350	798,759	7 899,295	9,889	9,418
12							62	44	86 287	730,585	7 100,536	9,719	9,248
13							63	45	85 156	667,607	6 369,951	9,541	9,070
14							64	46	83 973	609,565	5 702,343	9,355	8,884
15							65	47	82 673	555,672	5 092,779	9,165	8,694
16							66	48	81 295	505,934	4 537,107	8,968	8,497
17							67	49	79 809	459,894	4 031,173	8,765	8,294
18	0	99 358	24 864,129	327 060,858	13,154	12,683	68	50	78 220	417,353	3 571,279	8,557	8,086
19	1	98 997	22 938,710	302 196,729	13,174	12,703	69	51	76 553	378,204	3 153,925	8,339	7,868
20	2	98 922	21 223,563	279 258,019	13,158	12,687	70	52	74 767	342,016	2 775,722	8,116	7,645
21	3	98 854	19 637,952	258 034,455	13,140	12,669	71	53	72 864	308,621	2 433,706	7,886	7,415
22	4	98 790	18 171,432	238 396,503	13,119	12,648	72	54	70 834	277,799	2 125,084	7,650	7,179
23	5	98 725	16 814,455	220 225,072	13,097	12,626	73	55	68 694	249,450	1 847,285	7,405	6,934
24	6	98 664	15 559,228	203 410,617	13,073	12,602	74	56	66 407	223,284	1 597,835	7,156	6,685
25	7	98 600	14 397,377	187 851,389	13,048	12,577	75	57	63 916	198,989	1 374,551	6,908	6,437
26	8	98 537	13 322,437	173 454,012	13,020	12,549	76	58	61 277	176,642	1 175,562	6,655	6,184
27	9	98 473	12 327,515	160 131,574	12,990	12,519	77	59	58 468	156,059	998,919	6,401	5,930
28	10	98 404	11 406,354	147 804,060	12,958	12,487	78	60	55 472	137,094	842,860	6,148	5,677
29	11	98 338	10 554,343	136 397,706	12,923	12,452	79	61	52 259	119,586	705,766	5,902	5,431
30	12	98 265	9 765,333	125 843,363	12,887	12,416	80	62	48 900	103,612	586,180	5,657	5,186
31	13	98 194	9 035,461	116 078,030	12,847	12,376	81	63	45 431	89,131	482,567	5,414	4,943
32	14	98 116	8 359,448	107 042,569	12,805	12,334	82	64	41 837	76,000	393,437	5,177	4,706
33	15	98 033	7 733,701	98 683,121	12,760	12,289	83	65	38 194	64,242	317,436	4,941	4,470
34	16	97 946	7 154,468	90 949,420	12,712	12,241	84	66	34 564	53,831	253,194	4,704	4,232
35	17	97 853	6 618,235	83 794,952	12,661	12,190	85	67	30 904	44,565	199,363	4,474	4,003
36	18	97 755	6 121,865	77 176,717	12,607	12,136	86	68	27 295	36,445	154,798	4,247	3,776
37	19	97 647	5 662,107	71 054,852	12,549	12,078	87	69	23 762	29,377	118,353	4,029	3,558
38	20	97 534	5 236,635	65 392,745	12,488	12,017	88	70	20 330	23,272	88,976	3,823	3,352
39	21	97 405	4 842,331	60 156,110	12,423	11,952	89	71	17 114	18,140	65,704	3,622	3,151
40	22	97 273	4 477,556	55 313,779	12,354	11,883	90	72	14 068	13,806	47,564	3,445	2,974
41	23	97 126	4 139,638	50 836,223	12,280	11,809	91	73	11 424	10,381	33,758	3,252	2,781
42	24	96 971	3 826,873	46 696,586	12,202	11,731	92	74	8 993	7,567	23,376	3,089	2,618
43	25	96 803	3 537,267	42 869,712	12,119	11,648	93	75	6 916	5,388	15,810	2,934	2,463
44	26	96 609	3 268,687	39 332,445	12,033	11,562	94	76	5 179	3,736	10,422	2,789	2,318
45	27	96 394	3 019,826	36 063,758	11,942	11,471	95	77	3 772	2,519	6,685	2,654	2,183
46	28	96 155	2 789,193	33 043,932	11,847	11,376	96	78	2 666	1,649	4,166	2,527	2,056
47	29	95 893	2 575,546	30 254,739	11,747	11,276	97	79	1 825	1,045	2,517	2,408	1,937
48	30	95 589	2 377,199	27 679,193	11,644	11,173	98	80	1 208	0,641	1,472	2,297	1,826
49	31	95 255	2 193,429	25 301,994	11,535	11,064	99	81	772	0,379	0,831	2,194	1,723
							100	82	475	0,216	0,452	2,097	1,626

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß   8,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	31	94 914	2 023,675	23 135,286	11,432	10,961
1							51	32	94 505	1 865,713	21 111,612	11,316	10,845
2							52	33	94 025	1 718,729	19 245,899	11,198	10,727
3							53	34	93 520	1 582,870	17 527,170	11,073	10,602
4							54	35	92 964	1 456,912	15 944,300	10,944	10,473
5							55	36	92 352	1 340,105	14 487,388	10,811	10,340
6							56	37	91 683	1 231,857	13 147,283	10,673	10,202
7							57	38	90 966	1 131,690	11 915,426	10,529	10,058
8							58	39	90 184	1 038,852	10 783,737	10,380	9,909
9							59	40	89 332	952,810	9 744,885	10,228	9,756
10							60	41	88 417	873,195	8 792,075	10,069	9,598
11							61	42	87 428	799,471	7 918,880	9,905	9,434
12							62	43	86 375	731,334	7 119,409	9,735	9,264
13							63	44	85 252	668,358	6 388,075	9,558	9,087
14							64	45	84 080	610,339	5 719,717	9,371	8,900
15							65	46	82 789	556,456	5 109,378	9,182	8,711
16							66	47	81 428	506,763	4 552,922	8,984	8,513
17							67	48	79 950	460,709	4 046,159	8,782	8,311
18							68	49	78 382	418,214	3 585,450	8,573	8,102
19	0	99 310	23 011,257	302 332,018	13,138	12,667	69	50	76 722	379,039	3 167,236	8,356	7,885
20	1	98 948	21 229,167	279 320,761	13,157	12,686	70	51	74 950	342,855	2 788,198	8,132	7,661
21	2	98 869	19 640,877	258 091,594	13,141	12,669	71	52	73 065	309,471	2 445,343	7,902	7,431
22	3	98 801	18 173,462	238 450,716	13,121	12,650	72	53	71 048	278,637	2 135,872	7,665	7,194
23	4	98 737	16 816,459	220 277,254	13,099	12,628	73	54	68 914	250,249	1 857,235	7,422	6,951
24	5	98 674	15 560,801	203 460,795	13,075	12,604	74	55	66 643	224,078	1 606,986	7,172	6,701
25	6	98 609	14 398,631	187 899,994	13,050	12,579	75	56	64 158	199,743	1 382,908	6,923	6,452
26	7	98 546	13 323,581	173 501,363	13,022	12,551	76	57	61 523	177,351	1 183,166	6,671	6,200
27	8	98 480	12 328,423	160 177,782	12,993	12,522	77	58	58 727	156,751	1 005,814	6,417	5,946
28	9	98 411	11 407,141	147 849,360	12,961	12,490	78	59	55 735	137,745	849,063	6,164	5,693
29	10	98 345	10 555,092	136 442,219	12,927	12,456	79	60	52 542	120,234	711,319	5,916	5,445
30	11	98 273	9 766,114	125 887,127	12,890	12,419	80	61	49 183	104,211	591,085	5,672	5,201
31	12	98 202	9 036,189	116 121,013	12,851	12,380	81	62	45 719	89,696	486,873	5,428	4,957
32	13	98 124	8 360,196	107 084,824	12,809	12,338	82	63	42 121	76,516	397,177	5,191	4,720
33	14	98 043	7 734,539	98 724,628	12,764	12,293	83	64	38 477	64,718	320,661	4,955	4,484
34	15	97 958	7 155,368	90 990,089	12,716	12,245	84	65	34 836	54,255	255,943	4,717	4,246
35	16	97 868	6 619,253	83 834,720	12,665	12,194	85	66	31 170	44,949	201,689	4,487	4,016
36	17	97 771	6 122,848	77 215,467	12,611	12,140	86	67	27 547	36,781	156,739	4,261	3,790
37	18	97 669	5 663,401	71 092,620	12,553	12,082	87	68	23 995	29,665	119,958	4,044	3,573
38	19	97 554	5 237,717	65 429,219	12,492	12,021	88	69	20 548	23,522	90,293	3,839	3,368
39	20	97 427	4 843,407	60 191,502	12,428	11,956	89	70	17 315	18,353	66,771	3,638	3,167
40	21	97 293	4 478,493	55 348,095	12,359	11,888	90	71	14 251	13,987	48,418	3,462	2,991
41	22	97 148	4 140,566	50 869,602	12,286	11,815	91	72	11 592	10,534	34,432	3,269	2,798
42	23	96 993	3 827,748	46 729,036	12,208	11,737	92	73	9 141	7,692	23,898	3,107	2,636
43	24	96 823	3 537,982	42 901,288	12,126	11,655	93	74	7 047	5,490	16,206	2,952	2,481
44	25	96 630	3 269,407	39 363,306	12,040	11,569	94	75	5 293	3,818	10,716	2,806	2,335
45	26	96 417	3 020,541	36 093,899	11,949	11,478	95	76	3 866	2,582	6,898	2,671	2,200
46	27	96 181	2 789,942	33 073,358	11,854	11,383	96	77	2 742	1,696	4,315	2,544	2,073
47	28	95 917	2 576,198	30 283,416	11,755	11,284	97	78	1 886	1,080	2,619	2,426	1,955
48	29	95 616	2 377,881	27 707,218	11,652	11,181	98	79	1 254	0,665	1,540	2,316	1,845
49	30	95 282	2 194,050	25 329,337	11,545	11,074	99	80	805	0,395	0,875	2,212	1,741
							100	81	498	0,227	0,479	2,116	1,645

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß 8,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	30	94 940	2 024,248	23 159,642	11,441	10,970
1							51	31	94 534	1 866,276	21 135,394	11,325	10,854
2							52	32	94 058	1 719,339	19 269,118	11,207	10,736
3							53	33	93 554	1 583,449	17 549,779	11,083	10,612
4							54	34	93 004	1 457,531	15 966,330	10,954	10,483
5							55	35	92 389	1 340,638	14 508,799	10,822	10,351
6							56	36	91 727	1 232,442	13 168,161	10,685	10,214
7							57	37	91 015	1 132,294	11 935,719	10,541	10,070
8							58	38	90 235	1 039,430	10 803,425	10,394	9,923
9							59	39	89 391	953,441	9 763,994	10,241	9,770
10							60	40	88 480	873,812	8 810,554	10,083	9,612
11							61	41	87 498	800,112	7 936,742	9,920	9,448
12							62	42	86 452	731,986	7 136,629	9,750	9,279
13							63	43	85 340	669,043	6 404,644	9,573	9,102
14							64	44	84 174	611,026	5 735,601	9,387	8,916
15							65	45	82 895	557,163	5 124,575	9,198	8,727
16							66	46	81 543	507,478	4 567,412	9,000	8,529
17							67	47	80 081	461,463	4 059,934	8,798	8,327
18							68	48	78 520	418,955	3 598,471	8,589	8,118
19							69	49	76 881	379,820	3 179,516	8,371	7,900
20	0	99 261	21 296,308	279 445,003	13,122	12,651	70	50	75 116	343,612	2 799,696	8,148	7,677
21	1	98 895	19 646,063	258 148,695	13,140	12,669	71	51	73 244	310,230	2 456,084	7,917	7,446
22	2	98 815	18 176,170	238 502,632	13,122	12,651	72	52	71 243	279,404	2 145,854	7,680	7,209
23	3	98 748	16 818,338	220 326,462	13,100	12,629	73	53	69 122	251,003	1 866,450	7,436	6,965
24	4	98 686	15 562,655	203 508,124	13,077	12,606	74	54	66 857	224,795	1 615,446	7,186	6,715
25	5	98 619	14 400,086	187 945,469	13,052	12,581	75	55	64 386	200,453	1 390,651	6,938	6,467
26	6	98 554	13 324,741	173 545,382	13,024	12,553	76	56	61 756	178,023	1 190,198	6,686	6,215
27	7	98 489	12 329,481	160 220,641	12,995	12,524	77	57	58 963	157,380	1 012,175	6,431	5,960
28	8	98 418	11 407,981	147 891,160	12,964	12,493	78	58	55 982	138,355	854,795	6,178	5,707
29	9	98 351	10 555,820	136 483,179	12,930	12,459	79	59	52 791	120,805	716,440	5,931	5,460
30	10	98 280	9 766,807	125 927,359	12,893	12,422	80	60	49 449	104,776	595,636	5,685	5,214
31	11	98 210	9 036,911	116 160,552	12,854	12,383	81	61	45 983	90,215	490,860	5,441	4,970
32	12	98 132	8 360,870	107 123,641	12,813	12,341	82	62	42 388	77,002	400,645	5,203	4,732
33	13	98 052	7 735,232	98 762,771	12,768	12,297	83	63	38 738	65,157	323,644	4,967	4,496
34	14	97 969	7 156,144	91 027,539	12,720	12,249	84	64	35 094	54,656	258,487	4,729	4,258
35	15	97 880	6 620,086	83 871,395	12,669	12,198	85	65	31 416	45,303	203,830	4,499	4,028
36	16	97 786	6 123,790	77 251,309	12,615	12,144	86	66	27 784	37,098	158,527	4,273	3,802
37	17	97 685	5 664,310	71 127,519	12,557	12,086	87	67	24 216	29,939	121,429	4,056	3,585
38	18	97 576	5 238,914	65 463,210	12,496	12,025	88	68	20 749	23,753	91,490	3,852	3,381
39	19	97 447	4 844,407	60 224,296	12,432	11,961	89	69	17 501	18,550	67,737	3,652	3,181
40	20	97 315	4 479,487	55 379,889	12,363	11,892	90	70	14 418	14,151	49,188	3,476	3,005
41	21	97 168	4 141,433	50 900,402	12,291	11,819	91	71	11 743	10,671	35,037	3,283	2,812
42	22	97 015	3 828,607	46 758,969	12,213	11,742	92	72	9 275	7,805	24,366	3,122	2,651
43	23	96 845	3 538,791	42 930,361	12,131	11,660	93	73	7 163	5,581	16,561	2,967	2,496
44	24	96 650	3 270,068	39 391,570	12,046	11,575	94	74	5 393	3,891	10,980	2,822	2,351
45	25	96 438	3 021,206	36 121,503	11,956	11,485	95	75	3 951	2,639	7,089	2,686	2,215
46	26	96 203	2 790,603	33 100,297	11,861	11,390	96	76	2 811	1,739	4,450	2,560	2,089
47	27	95 943	2 576,890	30 309,694	11,762	11,291	97	77	1 939	1,111	2,712	2,442	1,971
48	28	95 640	2 378,482	27 732,804	11,660	11,189	98	78	1 295	0,687	1,601	2,331	1,860
49	29	95 309	2 194,680	25 354,322	11,553	11,082	99	79	836	0,410	0,914	2,228	1,757
							100	80	520	0,236	0,504	2,132	1,661

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß   8,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	29	94 968	2 024,828	23 181,892	11,449	10,978
1							51	30	94 561	1 866,805	21 157,064	11,333	10,862
2							52	31	94 087	1 719,858	19 290,259	11,216	10,745
3							53	32	93 587	1 584,011	17 570,401	11,092	10,621
4							54	33	93 038	1 458,064	15 986,390	10,964	10,493
5							55	34	92 428	1 341,208	14 528,326	10,832	10,361
6							56	35	91 763	1 232,933	13 187,119	10,696	10,225
7							57	36	91 058	1 132,832	11 954,186	10,552	10,081
8							58	37	90 283	1 039,985	10 821,354	10,405	9,934
9							59	38	89 441	953,972	9 781,368	10,253	9,782
10							60	39	88 538	874,391	8 827,397	10,095	9,624
11							61	40	87 560	800,677	7 953,006	9,933	9,462
12							62	41	86 521	732,573	7 152,328	9,763	9,292
13							63	42	85 416	669,639	6 419,756	9,587	9,116
14							64	43	84 261	611,652	5 750,117	9,401	8,930
15							65	44	82 988	557,789	5 138,465	9,212	8,741
16							66	45	81 646	508,123	4 580,675	9,015	8,544
17							67	46	80 194	462,115	4 072,552	8,813	8,342
18							68	47	78 649	419,641	3 610,438	8,604	8,133
19							69	48	77 017	380,493	3 190,797	8,386	7,915
20							70	49	75 271	344,320	2 810,304	8,162	7,691
21	0	99 208	19 708,197	258 262,789	13,104	12,633	71	50	73 405	310,915	2 465,983	7,931	7,460
22	1	98 842	18 180,969	238 554,592	13,121	12,650	72	51	71 418	280,090	2 155,068	7,694	7,223
23	2	98 763	16 820,844	220 373,624	13,101	12,630	73	52	69 312	251,694	1 874,979	7,449	6,978
24	3	98 697	15 564,394	203 552,780	13,078	12,607	74	53	67 058	225,473	1 623,284	7,199	6,728
25	4	98 630	14 401,803	187 988,386	13,053	12,582	75	54	64 592	201,094	1 397,811	6,951	6,480
26	5	98 564	13 326,088	173 586,583	13,026	12,555	76	55	61 976	178,656	1 196,717	6,698	6,227
27	6	98 497	12 330,555	160 260,494	12,997	12,526	77	56	59 186	157,976	1 018,061	6,444	5,973
28	7	98 426	11 408,960	147 929,940	12,966	12,495	78	57	56 207	138,910	860,085	6,192	5,721
29	8	98 359	10 556,598	136 520,980	12,932	12,461	79	58	53 025	121,340	721,175	5,943	5,472
30	9	98 287	9 767,480	125 964,382	12,896	12,425	80	59	49 684	105,273	599,835	5,698	5,227
31	10	98 217	9 037,553	116 196,901	12,857	12,386	81	60	46 233	90,704	494,562	5,453	4,981
32	11	98 140	8 361,538	107 159,349	12,816	12,345	82	61	42 633	77,447	403,858	5,215	4,744
33	12	98 060	7 735,855	98 797,811	12,771	12,300	83	62	38 983	65,570	326,412	4,978	4,507
34	13	97 977	7 156,785	91 061,955	12,724	12,253	84	63	35 332	55,027	260,841	4,740	4,269
35	14	97 891	6 620,804	83 905,170	12,673	12,202	85	64	31 648	45,639	205,814	4,510	4,039
36	15	97 798	6 124,560	77 284,367	12,619	12,148	86	65	28 003	37,390	160,176	4,284	3,813
37	16	97 700	5 665,181	71 159,807	12,561	12,090	87	66	24 425	30,191	122,785	4,066	3,595
38	17	97 592	5 239,754	65 494,625	12,500	12,029	88	67	20 941	23,972	92,588	3,862	3,391
39	18	97 469	4 845,514	60 254,871	12,435	11,964	89	68	17 672	18,732	68,616	3,663	3,192
40	19	97 335	4 480,413	55 409,357	12,367	11,896	90	69	14 573	14,303	49,885	3,488	3,017
41	20	97 190	4 142,353	50 928,944	12,295	11,824	91	70	11 881	10,797	35,582	3,296	2,825
42	21	97 035	3 829,409	46 786,592	12,218	11,747	92	71	9 396	7,906	24,786	3,135	2,664
43	22	96 867	3 539,585	42 957,183	12,136	11,665	93	72	7 269	5,663	16,879	2,981	2,510
44	23	96 672	3 270,815	39 417,598	12,051	11,580	94	73	5 483	3,955	11,216	2,836	2,365
45	24	96 458	3 021,817	36 146,783	11,962	11,491	95	74	4 026	2,689	7,261	2,700	2,229
46	25	96 225	2 791,217	33 124,966	11,868	11,397	96	75	2 873	1,777	4,572	2,573	2,102
47	26	95 966	2 577,500	30 333,749	11,769	11,298	97	76	1 988	1,138	2,795	2,455	1,984
48	27	95 666	2 379,122	27 756,249	11,667	11,196	98	77	1 332	0,706	1,657	2,345	1,874
49	28	95 333	2 195,235	25 377,128	11,560	11,089	99	78	863	0,424	0,950	2,242	1,771
							100	79	540	0,245	0,527	2,147	1,675

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß   8,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	28	94 992	2 025,341	23 202,198	11,456	10,985
1							51	29	94 588	1 867,340	21 176,857	11,341	10,870
2							52	30	94 113	1 720,345	19 309,517	11,224	10,753
3							53	31	93 616	1 584,489	17 589,172	11,101	10,630
4							54	32	93 071	1 458,581	16 004,683	10,973	10,502
5							55	33	92 462	1 341,698	14 546,102	10,842	10,371
6							56	34	91 802	1 233,457	13 204,403	10,705	10,234
7							57	35	91 095	1 133,283	11 970,946	10,563	10,092
8							58	36	90 326	1 040,480	10 837,664	10,416	9,945
9							59	37	89 489	954,481	9 797,184	10,264	9,793
10							60	38	88 588	874,878	8 842,703	10,107	9,636
11							61	39	87 618	801,208	7 967,825	9,945	9,474
12							62	40	86 583	733,091	7 166,617	9,776	9,305
13							63	41	85 484	670,176	6 433,527	9,600	9,129
14							64	42	84 336	612,197	5 763,350	9,414	8,943
15							65	43	83 073	558,361	5 151,154	9,225	8,754
16							66	44	81 738	508,694	4 592,792	9,029	8,558
17							67	45	80 296	462,702	4 084,098	8,827	8,356
18							68	46	78 760	420,233	3 621,396	8,618	8,147
19							69	47	77 143	381,116	3 201,163	8,399	7,928
20							70	48	75 404	344,930	2 820,047	8,176	7,705
21							71	49	73 557	311,556	2 475,117	7,944	7,473
22	0	99 154	18 238,469	238 659,367	13,085	12,614	72	50	71 576	280,708	2 163,561	7,708	7,236
23	1	98 789	16 825,285	220 420,898	13,101	12,630	73	51	69 482	252,312	1 882,853	7,462	6,991
24	2	98 711	15 566,713	203 595,613	13,079	12,608	74	52	67 243	226,094	1 630,541	7,212	6,741
25	3	98 641	14 403,412	188 028,900	13,054	12,583	75	53	64 787	201,701	1 404,447	6,963	6,492
26	4	98 576	13 327,677	173 625,488	13,027	12,556	76	54	62 174	179,228	1 202,746	6,711	6,240
27	5	98 507	12 331,801	160 297,811	12,999	12,528	77	55	59 397	158,538	1 023,518	6,456	5,985
28	6	98 435	11 409,954	147 966,010	12,968	12,497	78	56	56 419	139,436	864,981	6,203	5,732
29	7	98 367	10 557,504	136 556,056	12,935	12,463	79	57	53 238	121,827	725,544	5,956	5,484
30	8	98 294	9 768,200	125 998,552	12,899	12,428	80	58	49 904	105,739	603,718	5,709	5,238
31	9	98 224	9 038,176	116 230,352	12,860	12,389	81	59	46 452	91,134	497,978	5,464	4,993
32	10	98 147	8 362,132	107 192,176	12,819	12,348	82	60	42 864	77,866	406,844	5,225	4,754
33	11	98 068	7 736,474	98 830,045	12,775	12,304	83	61	39 209	65,949	328,978	4,988	4,517
34	12	97 985	7 157,361	91 093,571	12,727	12,256	84	62	35 557	55,376	263,029	4,750	4,279
35	13	97 900	6 621,397	83 936,210	12,677	12,205	85	63	31 863	45,948	207,652	4,519	4,048
36	14	97 809	6 125,224	77 314,813	12,622	12,151	86	64	28 210	37,667	161,704	4,293	3,822
37	15	97 712	5 665,894	71 189,589	12,565	12,094	87	65	24 617	30,435	124,037	4,076	3,604
38	16	97 607	5 240,561	65 523,695	12,503	12,032	88	66	21 121	24,179	93,602	3,871	3,400
39	17	97 485	4 846,292	60 283,134	12,439	11,968	89	67	17 835	18,904	69,424	3,672	3,201
40	18	97 357	4 481,436	55 436,843	12,370	11,899	90	68	14 716	14,443	50,519	3,498	3,027
41	19	97 210	4 143,208	50 955,406	12,299	11,827	91	69	12 008	10,912	36,076	3,306	2,835
42	20	97 057	3 830,259	46 812,198	12,222	11,751	92	70	9 507	7,999	25,164	3,146	2,675
43	21	96 887	3 540,326	42 981,939	12,141	11,670	93	71	7 364	5,737	17,165	2,992	2,521
44	22	96 694	3 271,549	39 441,613	12,056	11,585	94	72	5 563	4,013	11,428	2,848	2,377
45	23	96 480	3 022,508	36 170,064	11,967	11,496	95	73	4 092	2,734	7,415	2,712	2,241
46	24	96 244	2 791,781	33 147,556	11,873	11,402	96	74	2 927	1,810	4,681	2,586	2,115
47	25	95 987	2 578,067	30 355,775	11,775	11,304	97	75	2 032	1,163	2,871	2,467	1,996
48	26	95 688	2 379,685	27 777,708	11,673	11,202	98	76	1 366	0,724	1,707	2,357	1,886
49	27	95 359	2 195,825	25 398,023	11,567	11,095	99	77	888	0,436	0,983	2,255	1,784
							100	78	557	0,253	0,547	2,159	1,688

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß   8,00%

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	27	95 017	2 025,885	23 220,800	11,462	10,991
1							51	28	94 612	1 867,813	21 194,915	11,347	10,876
2							52	29	94 140	1 720,839	19 327,103	11,231	10,760
3							53	30	93 642	1 584,938	17 606,264	11,108	10,637
4							54	31	93 099	1 459,022	16 021,326	10,981	10,510
5							55	32	92 494	1 342,174	14 562,304	10,850	10,379
6							56	33	91 836	1 233,908	13 220,130	10,714	10,243
7							57	34	91 133	1 133,765	11 986,222	10,572	10,101
8							58	35	90 362	1 040,894	10 852,458	10,426	9,955
9							59	36	89 531	954,935	9 811,564	10,275	9,804
10							60	37	88 635	875,345	8 856,629	10,118	9,647
11							61	38	87 667	801,654	7 981,284	9,956	9,485
12							62	39	86 640	733,576	7 179,630	9,787	9,316
13							63	40	85 545	670,650	6 446,054	9,612	9,141
14							64	41	84 403	612,688	5 775,404	9,426	8,955
15							65	42	83 147	558,859	5 162,717	9,238	8,767
16							66	43	81 822	509,216	4 603,858	9,041	8,570
17							67	44	80 386	463,222	4 094,642	8,839	8,368
18							68	45	78 860	420,767	3 631,420	8,630	8,159
19							69	46	77 252	381,654	3 210,653	8,412	7,941
20							70	47	75 527	345,495	2 828,999	8,188	7,717
21							71	48	73 687	312,108	2 483,504	7,957	7,486
22							72	49	71 723	281,287	2 171,396	7,720	7,248
23	0	99 101	16 878,498	220 517,113	13,065	12,594	73	50	69 635	252,869	1 890,109	7,475	7,004
24	1	98 737	15 570,823	203 638,616	13,078	12,607	74	51	67 408	226,648	1 637,240	7,224	6,753
25	2	98 656	14 405,558	188 067,792	13,055	12,584	75	52	64 966	202,256	1 410,592	6,974	6,503
26	3	98 587	13 329,166	173 662,235	13,029	12,558	76	53	62 362	179,768	1 208,335	6,722	6,251
27	4	98 519	12 333,271	160 333,069	13,000	12,529	77	54	59 587	159,045	1 028,567	6,467	5,996
28	5	98 445	11 411,107	147 999,798	12,970	12,499	78	55	56 620	139,932	869,522	6,214	5,743
29	6	98 376	10 558,423	136 588,691	12,936	12,465	79	56	53 439	122,288	729,590	5,966	5,495
30	7	98 302	9 769,038	126 030,267	12,901	12,430	80	57	50 104	106,164	607,302	5,720	5,249
31	8	98 231	9 038,842	116 261,229	12,862	12,391	81	58	46 658	91,538	501,138	5,475	5,004
32	9	98 154	8 362,709	107 222,387	12,821	12,350	82	59	43 068	78,236	409,600	5,235	4,764
33	10	98 075	7 737,023	98 859,678	12,777	12,306	83	60	39 421	66,307	331,365	4,997	4,526
34	11	97 993	7 157,934	91 122,656	12,730	12,259	84	61	35 762	55,697	265,058	4,759	4,288
35	12	97 908	6 621,930	83 964,722	12,680	12,209	85	62	32 065	46,240	209,361	4,528	4,057
36	13	97 817	6 125,773	77 342,792	12,626	12,155	86	63	28 402	37,923	163,122	4,301	3,830
37	14	97 722	5 666,508	71 217,020	12,568	12,097	87	64	24 799	30,660	125,199	4,083	3,612
38	15	97 619	5 241,220	65 550,511	12,507	12,036	88	65	21 288	24,369	94,539	3,879	3,408
39	16	97 500	4 847,037	60 309,291	12,443	11,971	89	66	17 989	19,067	70,170	3,680	3,209
40	17	97 373	4 482,156	55 462,254	12,374	11,903	90	67	14 852	14,576	51,103	3,506	3,035
41	18	97 232	4 144,155	50 980,098	12,302	11,831	91	68	12 126	11,019	36,526	3,315	2,844
42	19	97 077	3 831,050	46 835,943	12,225	11,754	92	69	9 609	8,085	25,507	3,155	2,684
43	20	96 908	3 541,112	43 004,893	12,144	11,673	93	70	7 450	5,804	17,422	3,002	2,531
44	21	96 714	3 272,234	39 463,781	12,060	11,589	94	71	5 636	4,065	11,618	2,858	2,387
45	22	96 501	3 023,186	36 191,547	11,971	11,500	95	72	4 153	2,774	7,552	2,723	2,252
46	23	96 266	2 792,419	33 168,361	11,878	11,407	96	73	2 975	1,840	4,778	2,597	2,126
47	24	96 006	2 578,588	30 375,942	11,780	11,309	97	74	2 070	1,185	2,938	2,478	2,007
48	25	95 710	2 380,208	27 797,353	11,679	11,207	98	75	1 396	0,740	1,753	2,368	1,897
49	26	95 382	2 196,345	25 417,145	11,572	11,101	99	76	910	0,447	1,013	2,266	1,795
							100	77	573	0,261	0,566	2,170	1,699

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß   8,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	26	95 040	2 026,364	23 237,821	11,468	10,997
1							51	27	94 637	1 868,315	21 211,456	11,353	10,882
2							52	28	94 164	1 721,274	19 343,142	11,238	10,767
3							53	29	93 669	1 585,393	17 621,868	11,115	10,644
4							54	30	93 125	1 459,435	16 036,475	10,988	10,517
5							55	31	92 522	1 342,580	14 577,040	10,857	10,386
6							56	32	91 869	1 234,345	13 234,460	10,722	10,251
7							57	33	91 167	1 134,179	12 000,115	10,580	10,109
8							58	34	90 400	1 041,336	10 865,936	10,435	9,964
9							59	35	89 567	955,315	9 824,600	10,284	9,813
10							60	36	88 677	875,761	8 869,285	10,128	9,656
11							61	37	87 714	802,082	7 993,524	9,966	9,495
12							62	38	86 688	733,984	7 191,442	9,798	9,327
13							63	39	85 601	671,094	6 457,457	9,622	9,151
14							64	40	84 463	613,121	5 786,363	9,438	8,967
15							65	41	83 214	559,307	5 173,243	9,249	8,778
16							66	42	81 895	509,669	4 613,936	9,053	8,582
17							67	43	80 468	463,697	4 104,266	8,851	8,380
18							68	44	78 949	421,240	3 640,570	8,642	8,171
19							69	45	77 350	382,139	3 219,329	8,424	7,953
20							70	46	75 634	345,983	2 837,190	8,200	7,729
21							71	47	73 808	312,619	2 491,207	7,969	7,498
22							72	48	71 850	281,785	2 178,588	7,731	7,260
23							73	49	69 779	253,390	1 896,803	7,486	7,015
24	0	99 050	15 620,068	203 726,971	13,043	12,572	74	50	67 557	227,149	1 643,413	7,235	6,764
25	1	98 682	14 409,361	188 106,902	13,054	12,583	75	51	65 125	202,752	1 416,264	6,985	6,514
26	2	98 602	13 331,151	173 697,541	13,029	12,558	76	52	62 533	180,263	1 213,512	6,732	6,261
27	3	98 530	12 334,649	160 366,389	13,001	12,530	77	53	59 766	159,525	1 033,249	6,477	6,006
28	4	98 457	11 412,467	148 031,740	12,971	12,500	78	54	56 801	140,380	873,724	6,224	5,753
29	5	98 386	10 559,491	136 619,273	12,938	12,467	79	55	53 629	122,723	733,344	5,976	5,505
30	6	98 311	9 769,889	126 059,782	12,903	12,432	80	56	50 294	106,566	610,621	5,730	5,259
31	7	98 240	9 039,618	116 289,893	12,864	12,393	81	57	46 845	91,905	504,055	5,485	5,013
32	8	98 161	8 363,324	107 250,275	12,824	12,353	82	58	43 259	78,582	412,150	5,245	4,774
33	9	98 082	7 737,557	98 886,951	12,780	12,309	83	59	39 608	66,621	333,568	5,007	4,536
34	10	98 000	7 158,442	91 149,394	12,733	12,262	84	60	35 956	55,998	266,946	4,767	4,296
35	11	97 915	6 622,459	83 990,953	12,683	12,212	85	61	32 251	46,507	210,948	4,536	4,065
36	12	97 825	6 126,266	77 368,493	12,629	12,158	86	62	28 582	38,163	164,441	4,309	3,838
37	13	97 731	5 667,016	71 242,227	12,571	12,100	87	63	24 967	30,868	126,277	4,091	3,620
38	14	97 630	5 241,788	65 575,212	12,510	12,039	88	64	21 445	24,549	95,409	3,886	3,415
39	15	97 512	4 847,647	60 333,423	12,446	11,975	89	65	18 130	19,217	70,860	3,687	3,216
40	16	97 388	4 482,845	55 485,776	12,377	11,906	90	66	14 980	14,702	51,643	3,513	3,042
41	17	97 248	4 144,820	51 002,931	12,305	11,834	91	67	12 238	11,121	36,941	3,322	2,851
42	18	97 099	3 831,925	46 858,111	12,228	11,757	92	68	9 703	8,164	25,820	3,162	2,691
43	19	96 928	3 541,844	43 026,185	12,148	11,677	93	69	7 530	5,867	17,655	3,009	2,538
44	20	96 736	3 272,961	39 484,342	12,064	11,593	94	70	5 702	4,113	11,789	2,866	2,395
45	21	96 522	3 023,819	36 211,381	11,975	11,504	95	71	4 207	2,810	7,676	2,732	2,261
46	22	96 288	2 793,046	33 187,562	11,882	11,411	96	72	3 019	1,867	4,866	2,606	2,135
47	23	96 028	2 579,178	30 394,517	11,785	11,314	97	73	2 104	1,205	2,998	2,488	2,017
48	24	95 729	2 380,690	27 815,339	11,684	11,213	98	74	1 422	0,754	1,793	2,378	1,907
49	25	95 403	2 196,828	25 434,649	11,578	11,107	99	75	930	0,457	1,039	2,275	1,804
							100	76	588	0,267	0,582	2,180	1,709

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente
auf das *kürzere Leben* nach der Sterbetafel 2009/2011

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß   8,00%

Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy}:10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	25	95 061	2 026,810	23 253,399	11,473	11,002
1							51	26	94 660	1 868,757	21 226,588	11,359	10,888
2							52	27	94 189	1 721,737	19 357,831	11,243	10,772
3							53	28	93 693	1 585,794	17 636,095	11,121	10,650
4							54	29	93 152	1 459,854	16 050,301	10,994	10,523
5							55	30	92 549	1 342,960	14 590,447	10,864	10,393
6							56	31	91 896	1 234,718	13 247,488	10,729	10,258
7							57	32	91 199	1 134,581	12 012,769	10,588	10,117
8							58	33	90 433	1 041,717	10 878,188	10,443	9,972
9							59	34	89 605	955,721	9 836,471	10,292	9,821
10							60	35	88 712	876,110	8 880,750	10,137	9,666
11							61	36	87 755	802,463	8 004,640	9,975	9,504
12							62	37	86 734	734,376	7 202,177	9,807	9,336
13							63	38	85 649	671,468	6 467,801	9,632	9,161
14							64	39	84 519	613,527	5 796,333	9,448	8,977
15							65	40	83 272	559,702	5 182,806	9,260	8,789
16							66	41	81 960	510,078	4 623,104	9,064	8,592
17							67	42	80 540	464,110	4 113,026	8,862	8,391
18							68	43	79 030	421,672	3 648,916	8,653	8,182
19							69	44	77 437	382,569	3 227,244	8,436	7,965
20							70	45	75 730	346,422	2 844,675	8,212	7,741
21							71	46	73 912	313,060	2 498,253	7,980	7,509
22							72	47	71 968	282,247	2 185,192	7,742	7,271
23							73	48	69 903	253,839	1 902,946	7,497	7,026
24							74	49	67 696	227,617	1 649,107	7,245	6,774
25	0	98 994	14 454,933	188 188,036	13,019	12,548	75	50	65 269	203,200	1 421,490	6,996	6,524
26	1	98 628	13 334,671	173 733,103	13,029	12,558	76	51	62 687	180,705	1 218,290	6,742	6,271
27	2	98 545	12 336,487	160 398,432	13,002	12,531	77	52	59 931	159,964	1 037,584	6,486	6,015
28	3	98 468	11 413,743	148 061,945	12,972	12,501	78	53	56 973	140,803	877,620	6,233	5,762
29	4	98 397	10 560,749	136 648,203	12,939	12,468	79	54	53 801	123,116	736,817	5,985	5,514
30	5	98 321	9 770,877	126 087,453	12,904	12,433	80	55	50 473	106,945	613,701	5,738	5,267
31	6	98 248	9 040,405	116 316,577	12,866	12,395	81	56	47 022	92,253	506,757	5,493	5,022
32	7	98 169	8 364,042	107 276,171	12,826	12,355	82	57	43 432	78,898	414,503	5,254	4,783
33	8	98 089	7 738,126	98 912,129	12,782	12,311	83	58	39 784	66,917	335,606	5,015	4,544
34	9	98 007	7 158,935	91 174,003	12,736	12,265	84	59	36 127	56,264	268,689	4,776	4,304
35	10	97 922	6 622,929	84 015,067	12,685	12,214	85	60	32 425	46,759	212,425	4,543	4,072
36	11	97 833	6 126,756	77 392,138	12,632	12,161	86	61	28 747	38,384	165,666	4,316	3,845
37	12	97 739	5 667,472	71 265,382	12,574	12,103	87	62	25 126	31,064	127,282	4,097	3,626
38	13	97 638	5 242,258	65 597,910	12,513	12,042	88	63	21 591	24,716	96,218	3,893	3,422
39	14	97 522	4 848,173	60 355,652	12,449	11,978	89	64	18 265	19,360	71,502	3,693	3,222
40	15	97 400	4 483,409	55 507,479	12,381	11,910	90	65	15 098	14,818	52,143	3,519	3,048
41	16	97 263	4 145,458	51 024,070	12,308	11,837	91	66	12 344	11,217	37,325	3,328	2,856
42	17	97 115	3 832,540	46 878,612	12,232	11,761	92	67	9 793	8,240	26,108	3,169	2,698
43	18	96 951	3 542,653	43 046,072	12,151	11,680	93	68	7 604	5,924	17,868	3,016	2,545
44	19	96 756	3 273,637	39 503,419	12,067	11,596	94	69	5 763	4,157	11,944	2,873	2,402
45	20	96 543	3 024,490	36 229,782	11,979	11,508	95	70	4 256	2,843	7,787	2,739	2,268
46	21	96 308	2 793,631	33 205,292	11,886	11,415	96	71	3 059	1,892	4,944	2,614	2,143
47	22	96 050	2 579,757	30 411,662	11,789	11,318	97	72	2 135	1,223	3,052	2,496	2,025
48	23	95 751	2 381,234	27 831,905	11,688	11,217	98	73	1 446	0,767	1,830	2,387	1,916
49	24	95 422	2 197,272	25 450,671	11,583	11,112	99	74	948	0,465	1,063	2,284	1,813
							100	75	601	0,273	0,598	2,188	1,717